

Arizona Parks  
Gila  
11/16/05

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**PRESENTATION TO ARIZONA STREAM  
AND NAVIGABILITY COMMISSION**

The purpose of this address is to discuss the navigability of the Gila River and the resulting ownership of the riverbed lands in the reach immediately upstream of its junction with the Salt River. Most of this reach bisects the Gila River Indian Reservation. There are four points we would like to make.

First, this Commission lacks jurisdiction to determine the navigability and resulting ownership in the above-mentioned reach.

Second, ownership of most of the reach had already passed to the Pima-Maricopa's of the Gila River Indian Reservation before February 14, 1912.

Third, the Gila River has already been judicially determined to be non-navigable.

Fourth, the Gila River in that reach, was not navigable before Anglo-American development.

Fifth, the Gila River was not, as of the date of Statehood, a navigable stream.

The first point is as to the Commission's jurisdiction. In the aforementioned reach, the ownership of the riverbed affects the ownership of the Gila River Indian Reservation. Unless Congress specifically provides for state jurisdiction on a certain matter, the Federal Government retains jurisdiction on all matters relating to the Gila River Indian Reservation and other Indian reservations.

The second point concerns the ownership. Irrespective of whether the riverbed was navigable, there is no doubt that this land was held by the Pima-Maricopa Confederation prior to the advent of American sovereignty in 1848. This fact was already

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recognized by numerous historians and the United States Indian Claims Commission in Docket 228. The Federal Government recognized the Pima-Maricopa ownership of that land when it, on February 28, 1859, reserved for the Gila River Indian Reservation 64,000 acres of irrigable land on both sides of land, including the Gila River. On June 14, 1879, the Gila River Indian Reservation was expanded to include lands north and east of the Gila River and included the lands to "the middle of said Gila River". On May 5, 1882, the Reservation was again expanded and included the lands south and west of the Gila River, again to "the middle of the Gila River". Thus, at that point, the Federal Government had confirmed the aboriginal title in the Gila River, in Maricopa County, down to the confluence with the Salt. I would like to submit for the record copies of the two executive orders for the 1879 and 1882 expansion and materials relating to the creations of these reservations from a report I previously prepared entitled "The Hydrologic History of the Gila River Indian Reservation". When the State came into existence in 1912, the Federal Government only retained title to the bed of the Gila River as Trustee for the Pima-Maricopa Indians of the Gila River Indian Reservation. It did not have the ability to convey that title to the State of Arizona whether or not the River was navigable.

The third point is that the Courts have already determined that the Gila River is non-navigable. The Gila River Decree, also known as Globe Equity No. 59, adjudicated the water rights and provided for the diversions of water from the natural flow of the Gila River from a point on the Gila River in New Mexico, down to a point 100 feet upstream from the Gila River's confluence with the Salt. It is a well-recognized doctrine that prior appropriation and irrigation can only occur from a non-navigable river. The

determination of water rights to irrigate from the Gila River and dry it up, constitutes a recognition by the Court of the Gila River's non-navigability. I am also providing copies of GE #59 as an exhibit.

The fourth point is that the river was not navigable before Statehood. I have worked with the Gila River Indian Reservation and on the Gila River all of my professional life. I am well-acquainted with the history of the Pima Indians. To double check, I have checked with the major reference by Frank Russell entitled "The Pima Indians". In all of my studies, I have never seen any indication that the Pima Maricopas used canoes for transport of goods anywhere in their area. The records are clear that the Pimas lived on both sides of the river for extensive distances. They engaged in trade with the Yumas, the Mohaves, the Papagos, the Mexicans, and the Maricopas. Later they engaged in trade with the Forty Niners, the U.S. Army, and other settlers. None of the references makes any mention that canoes or rafts were used for this purpose. The life of the Pimas revolved around the river. Their name is Akimel O'ohdam, the river people. But they did not use rafts or canoes. The Akimel O'ohdam were one of the most prosperous, technologically advanced groups in the region. They built large and extensive irrigation systems and irrigation diversion dams. On several occasions, explorers commented that the Gila River was dried up due to the diversions by the Pimas. The standard of living of the Pimas prior to the influx of Anglo-Americans upstream after the American Civil War, was higher than that of surrounding tribes or the Hispanic civilization to the south of them. Numerous accounts do chronicle how they traveled, prior to the advent of the horse, they ran. After the horse of introduced, they either ran or

used horse-drawn wagons. From this record, it is apparent that the Gila River was not navigable before development began by the influx of settlers from the East.

In any case, the Gila was clearly not navigable at Statehood, my fifth point. Starting shortly after the American Civil War, irrigation development began up and down the Gila River. In 1886, the Florence Canal was built and its diversion caused the river to dry up in certain locations. Many of the expansions of the Gila River Indian Reservation occurred because the U.S. Government was trying to find new reaches of the river that had any water in them. The original reaches that had been set aside had gone dry from upstream diversions. The inclusion of the still wet reaches, which occurred do to seeps or sh-shone, as the Pima referred to them, were the reasons for the 1876, 1879 and 1882 expansions of the Gila River Indian Reservation. Even those expansions failed and we know that by 1896, the Gila River was essentially dry through most of the Reservation. The large agricultural base that the Pimas had developed was destroyed by upstream diversions and during the period 1896 to 1905, the Pimas underwent what they term "the starving decade". Also included in the submittal are chapters discussing the dry-ups of the Gila River that had occurred due to the upstream diversions. The period was, due to a lack of water to irrigate, the Pimas were literally were starving to death due to upstream diversions. In addition, there was 50% infant mortality due to inability of women to eat enough to provide milk for their children and large numbers of malnutrition-related disease deaths. The population actually declined through this period.

By statehood, the river only flowed on the West end. But, even if small amounts of water did flow on the west end of the Reservation, it is unlikely that it constituted a

navigable river. The United States Geological Survey's description of the confluence area of the Gila River explains the nature of reemergent flow.

Water occurs near the surface over a large part of the lowlands, the western third of the reservation. Bogs and sloughs are a frequent occurrence. At the edge of one of these sloughs,... large springs were noted boiling up from the sands below.<sup>1</sup>

In addition, the United States Supreme Court determined that federal law requires that:

A river is a navigable water of the United States when it forms, by itself or by its connection with other waters, a continued highway over which commerce is or may be carried on with other States or foreign countries in the customary modes in which such commerce is conducted by water.<sup>2</sup>

The fact that a river may be navigable intrastate is not relevant. The United States Supreme Court also said:

If such river is only navigable between points in the same state and does not connect with a stream or lake bearing commerce between different states, it is not a navigable river of the United States, but of the State where located.<sup>3</sup>

By the time of statehood, the Gila River below Gillespie Dam was an ephemeral wash that rarely flowed water down to Yuma. In addition to the difficulty of trying to navigate a river full of diversion dams, the Gila River is shown by the USGS in its records that begin in 1922, as being dry for months at a time below Gillespie Dam. It was also dry near Sentinel Arizona in June 1914 and for six months in 1914 at Dome near the Gila's mouth.

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<sup>1</sup> Hodges, Paul V., Report on Gila River showing periods of low flow above Buckeye Heading and sources of flow 1939, 8.

<sup>2</sup> Clark, Frank Emerson, A treatise on the law of surveying and boundaries 1959, 612.

<sup>3</sup> Ibid.

The Gila River is in the Gila River Indian Reservation. This ownership includes the riverbed of the Gila River. The Pima-Maricopas retain their ownership of these lands as they have since time immemorial.



T. Allen J. Gookin, P.E., L.S., P.H.

Alani Godwin

11/16/05

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Temp. Exhibit No. A4  
U. S. Exhibit No. 1804  
Ident: ..... Adm. 1/1

EXECUTIVE MANSION, June 14, 1879.

In lieu of an Executive order dated January 10, 1879, setting apart certain lands in the Territory of Arizona as a reservation for the Pima and Maricopa Indians, which order is hereby canceled, it is hereby ordered that there be withdrawn from sale and settlement, and set apart for the use of said Pima and Maricopa Indians, as an addition to the reservation set apart for said Indians by act of Congress approved February 28, 1859 (11 Stat., 401), the several tracts of country in said Territory of Arizona lying within the following boundaries, viz:

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Beginning at the point where the range line between ranges 4 and 5 east crosses the Salt River; thence up and along the middle of said river to a point where the easterly line of Camp McDowell Military Reservation, if prolonged south, would strike said river; thence northerly to the southeast corner of Camp McDowell Reservation; thence west along the southern boundary line of said Camp McDowell Reservation to the southwest corner thereof; thence up and along the west boundary line of said reservation until it intersects the north boundary of the southern tier of sections in township 3 north, range 6 east; thence west along the north boundary of the southern tier of sections in townships 3 north, ranges 5 and 6 east, to the northwest corner of section 31, township 3 north, range 5 east; thence south along the range line between ranges 4 and 5 east to the place of beginning.

Also all the land in said Territory bounded and described as follows, viz:

Beginning at the northwest corner of the old Gila Reservation; thence by a direct line running northwesterly until it strikes Salt River 4 miles east from the intersection of said river with the Gila River; thence down and along the middle of said Salt River to the mouth of the Gila River; thence up and along the middle of said Gila River to its intersection with the northwesterly boundary line of the old Gila Reservation; thence northwesterly along said last-described boundary line to the place of beginning.

It is hereby ordered that so much of townships 1 and 2 north, ranges 5 and 6 east, lying south of the Salt River, as are now occupied and improved by said Indians, be temporarily withdrawn from sale and settlement until such time as they may severally dispose of and receive payment for the improvements made by them on said lands.

R. B. HAYES.

Temp. Exhibit No. AS  
U. S. Exhibit No. 1805  
Ident: ..... Adm. 1/9

EXECUTIVE MANSION, *May 5, 1882.*

It is hereby ordered that the following described lands, situated in the Territory of Arizona, viz, beginning at a point where the south boundary of section 15, township 3 south, range 3 east, intersects the western boundary of the present reservation south of the Gila River; thence west along the south boundary of sections 15 and 16, township 3 south, range 3 east, to the southwest corner of section 16; thence north along the section line to the northwest corner of section 16; thence due west along the south boundary of sections 8 and 7, in township 3 south, range 3 east, and sections 12, 11, and 10, in township 3 south, range 2 east, to the southwest corner of section 10; thence north along the west boundary of sections 10 and 3, to the northwest corner of section 3, in township 3 south, range 2 east; thence west along the north boundary of said township to the southwest corner of section 33, in township 2 south, range 2 east; thence north along the west boundary of sections 33 and 28 to the northwest corner of section 28; thence northwest in a straight line to a point on the Gila River meridian 2 miles south of the initial point on the Gila River base line; thence north along the Gila River meridian to the middle of the Gila River; thence with the boundary of the present reservation along and up the middle of the Gila River to a point where the said boundary leaves the said river; thence continuing along said boundary south 18° 38' east to the place of beginning, be, and the same is hereby, withdrawn from sale and settlement, and set apart for the use of the Pima and Maricopa Indians, in addition to their present reservation in said Territory: *Provided, however,* That any tract or tracts of land included within the foregoing described boundaries the title to which has passed out of the United States Government, or to which valid homestead and preemption rights have attached under the laws of the United States, prior to the date of this order, are hereby excluded from the reservation hereby made.

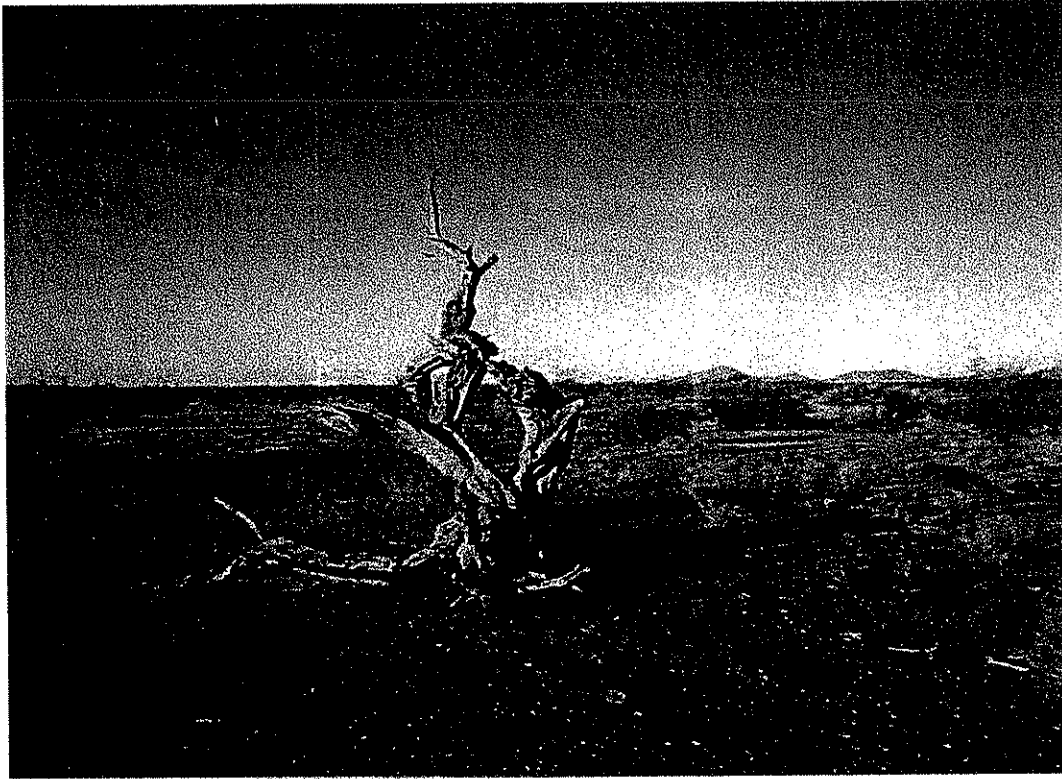
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# Hydrologic History Of the Gila River Indian Reservation

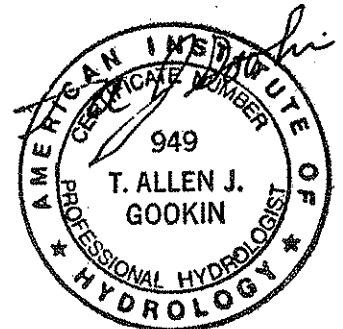
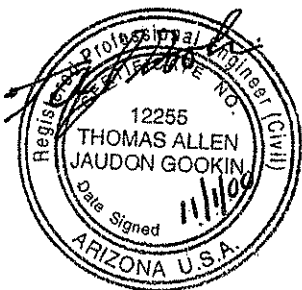


**Prepared for the  
Gila River Indian Community  
Office of Water Rights**

**By  
Gookin Engineers, Ltd.**

With Assistance From  
Dr. Henry F. Dobyns

November 1, 2000





## REPORT FINDINGS

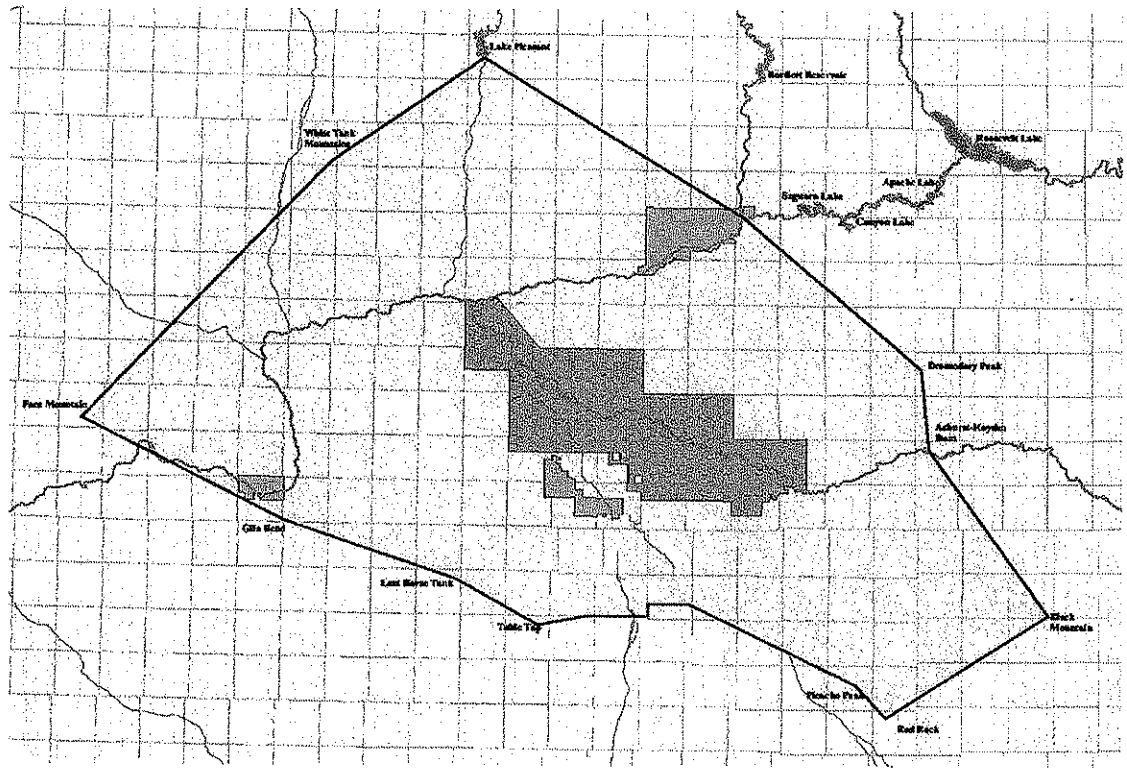
- ❖ The Gila River Indian Reservation is located in the Sonoran Desert.
- ❖ The weather of the Gila River Indian Reservation is sufficiently hot and dry that annual crops cannot be grown without irrigation.
- ❖ The Gila River, Salt River, Queen Creek, and Santa Cruz River flow into, or along, the Gila River Indian Reservation.
- ❖ The Agua Friá River flows near the Gila River Indian Reservation.
- ❖ The Verde River, San Pedro River, San Carlos River, San Simón River, and San Francisco River are major tributaries that supply the Gila and Salt Rivers before they meet with the Gila River Indian Reservation.
- ❖ The Gila River Indian Reservation is located in a shallow trough that is surrounded by deep groundwater basins.
- ❖ The natural flow, absent human intervention, of the Gila River entering the Gila River Indian Reservation is approximately 500,000 acre-feet per year.
- ❖ The natural flow, absent human intervention, of the Salt River entering the Central Arizona Basin is approximately 1,250,000 acre-feet.
- ❖ Prior to upstream development and regional pumping, the rivers recharged the groundwater, which then reemerged at certain key points that Pimas called *shoshon*.
- ❖ The Pima-Maricopas routinely double-cropped.
- ❖ The Pima-Maricopas used a rotational pattern with mesquite to preserve the fertility of their land.
- ❖ The 1859 Reservation incorporated the *Shodak shon* and much, but not all, of the then irrigated lands of the Pimas and Maricopas.
- ❖ The 1876 expansion secured a critical diversion point known as the *sTujk shon*. The *sTujk shon* served as the diversion point for the major canal known as the Little Gila.
- ❖ The 1879 expansion provided the Gila River Indian Reservation access to the Salt River.
- ❖ The 1879 expansion can be easily irrigated from the Salt River.
- ❖ The 1879 expansion can be easily irrigated from the Agua Friá River.

- ❖ The 1882 expansion provided the Gila River Indian Reservation access to the flows of the Santa Cruz River.
- ❖ The Santa Cruz River on the Reservation was a perennial stream.
- ❖ The Santa Cruz River depended on the groundwater in the lower Santa Cruz basin to provide the perennial flows on the Reservation.
- ❖ One reason for the 1883 expansion was the preservation of mesquite.
- ❖ Mesquite was vital to the Pima-Maricopas in that it provided food, grazing, medicine, tools, lumber, fuel, and numerous other commodities.
- ❖ Another reason for the 1883 expansion was to preserve irrigated agriculture occurring on the Reservation irrigated from the Salt River. These Salt River irrigation waters were from the Tempe Canal.
- ❖ By the 1890s, upstream development destroyed the ability of the Pima-Maricopas to farm, leading to poverty, famine, and starvation.
- ❖ In the 1890s and early 1900s, the Pimas and Maricopas cut approximately 100,000 acres of mesquite to sell as firewood. This was done, despite their dependence on mesquite, to stay alive.
- ❖ Congress had a long-standing continuous policy of attempting to encourage the Pima-Maricopas in their efforts to farm.
- ❖ Congress has repeatedly attempted to find ways to restore water to the Pimas.
- ❖ Political compromises, fraudulent activities, and bureaucratic incompetence on the part of the Executive Branch have frustrated the Congressional efforts to get water for the Gila River Indian Reservation.
- ❖ The Gila River watershed no longer supplies the water anticipated for the San Carlos Project. The failure of the Gila River watershed after the 1935 Gila Decree is primarily related to upstream development and upstream developers' expanding use of groundwater.
- ❖ The Salt River water supply to the Pimas and Maricopas was destroyed by the development of dams by Salt River Project and groundwater pumping by Salt River Project and surrounding areas.
- ❖ The water supply for the Gila River Indian Reservation, from the Salt River, now consists of poor quality drain water and very poor quality groundwater.
- ❖ The groundwater supply supporting the flows in the Gila, Salt, and Santa Cruz Rivers has been taken by farmers and municipalities surrounding the Gila River Indian Reservation.

- ❖ Large groundwater holes have developed north and south of the Gila River Indian Reservation, with the effect that water continues to leave the Reservation to feed these groundwater holes.
- ❖ In *Arizona v. California I*, the decision to use practicably irrigable acres, as the standard for measuring federally reserved water rights for Indian Reservations, and the determination of the amount of practicably irrigable acres for each Indian Reservation, were made without regard to the actual water supplies available from the Colorado River for irrigation.
- ❖ In *Arizona v. California I*, the Special Master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard, for Indian Reservations that had not previously had a firm and dependable water supply.
- ❖ In *Arizona v. California I*, the Special Master ruled and the United States affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for the Cocopah and Ft. Yuma Indian Reservations based upon documents that presented less information about those Indian Reservations' past agricultural practices (and less information about the intent to have those Indians irrigate their Reservations) than about the Pima-Maricopa irrigation practices and the Gila River Indian Reservation.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that were split by the Colorado River, for Indian Reservations that were adjacent to the Colorado River, and for an Indian Reservation that was miles from the Colorado River.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations where the only information concerning agricultural practices by the Indians predated the creation of the actual Indian Reservation by many years, sometimes over fifty years.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations which were created in the area where the Indians had historically lived (Cocopah, Chemihuevi, Fort Mohave and Fort Yuma).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that was created to relocate Indians to an area where they had not historically lived (Colorado River Indian Reservation).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations where the Indians remained in the area they had occupied before the Indian Reservation was created.

- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that were created to encompass the area that the Indians has moved into from their original sites.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations where the Indians migrated onto the Indian Reservation from other Indian Reservations or from non-Reservation areas.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that were made up of Indians who were ordered to move to the newly created Indian Reservation.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that had never experienced successful irrigation and for which the Federal Government did not intend to have irrigation take place in the future (Fort Mohave).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that were created to limit Indian contact with non-Indians (Colorado River Indian Reservation expansions of 1873 and 1876).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for an Indian Reservation that was created to provide education to Indians (initial Fort Mojave Indian Reservation).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for an Indian Reservation that was created with a plan to irrigate. (initial Colorado River Indian Reservation).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for an Indian Reservation that was created to correct survey errors (Last Colorado River Indian Reservation).
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that were created for no apparent documented reason. (Chemihuevi, Cocopah, Yuma, 1876 Colorado River, and the 1911 Fort Mojave Indian Reservation).

- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that had very few Indians living on it. The Fort Mohave Indian Reservation (located in Arizona, California and Nevada) had only one Indian family living within its boundaries—in the Nevada portion – as of the date of the practicably irrigate acres decision.
- ❖ In *Arizona v. California I*, the Special master ruled and the United States Supreme Court affirmed the award of federally reserved water rights, as quantified by the practicably irrigable acres standard for Indian Reservations that had no Indians living on it. The Chemihuevi Indian Reservation had no Indians living within its boundaries as of the date of the practicably irrigable acres decision.



**Aboriginal Indian Lands**

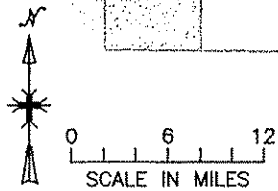
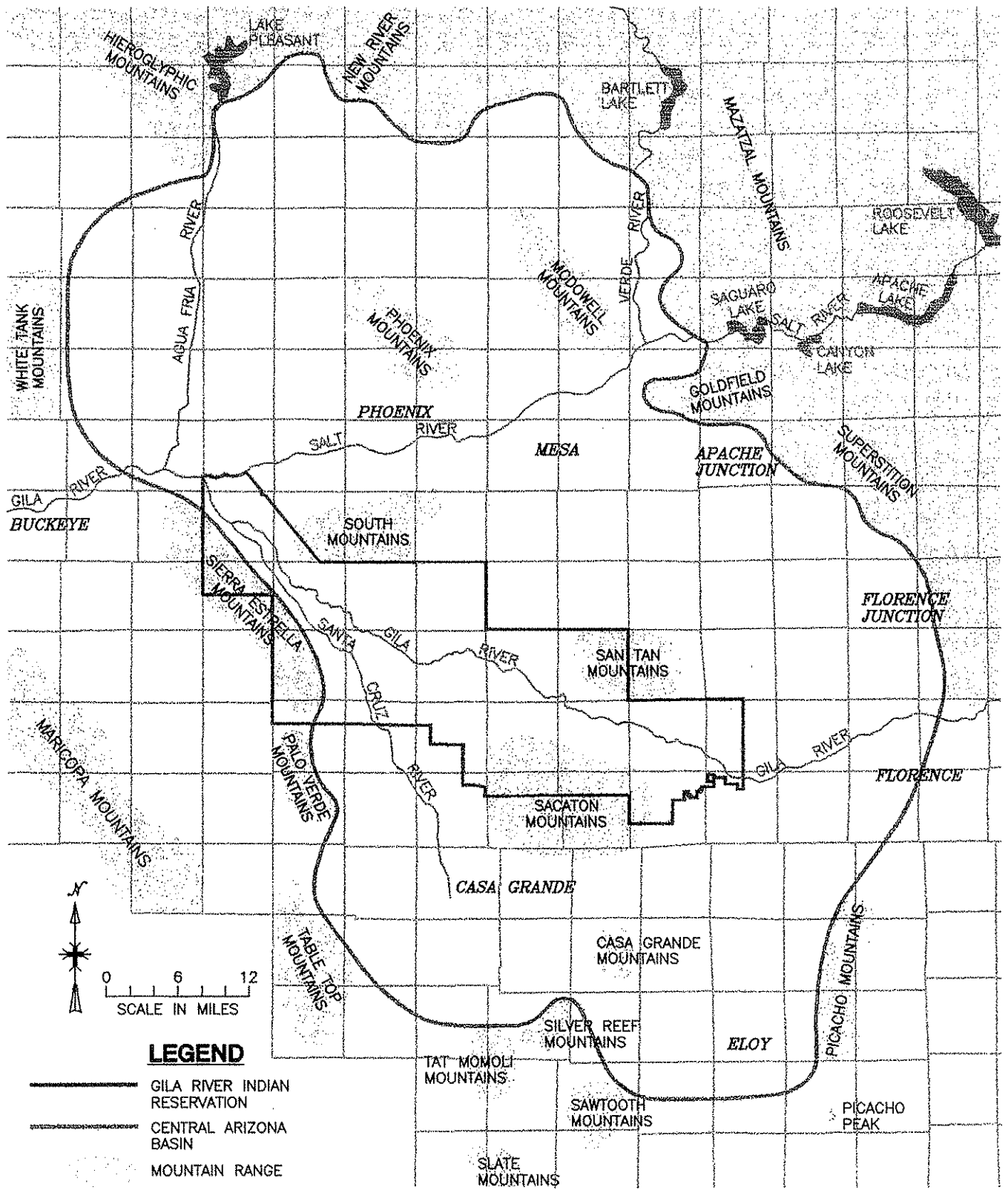


# CHAPTER 1




## INTRODUCTION

Eastern Maricopa County and Pinal County form a generalized groundwater-surface water area known as the Central Arizona Basin (Figure 1-1). The Central Arizona Basin surrounds the Gila River Indian Reservation ("Reservation") and is generally the aboriginal homeland of the Pima and Maricopa peoples. This area was significantly different before the influx of Anglo-American settlers after the American Civil War. The Salt, Gila, and Agua Fria Rivers were live rivers, instead of the extended gravel pits that are seen today. The desert itself was more alive. Vegetation was lush in many places, and the rivers had large forests of water-loving vegetation, primarily the mesquite tree. It is difficult to comprehend how different this region was before the development of dams and massive groundwater pumping. Before the annexation of this area by the United States, the Pima and Maricopas had developed a procedure of interacting with and living in this environment that preserved the environment and yet allowed the Pimas and Maricopas to live in a state of plenty and stability.

The United States government created the initial Reservation and enlarged its area through a series of expansions. These expansions were designed to preserve a portion of the existing homelands of the Pima and Maricopa Indians ("Indians"). These expansions were made on the recommendations of various Indian Agents who were concerned that the Indians were being deprived of their water through upstream diversions. The Reservation was created and expansions were formed to take advantage of the surface and groundwater in the area, in an effort to secure existing water sources for the Indians. Unfortunately, as a result of the activities of upstream diverters and regional pumpers, the Reservation lands have turned into barren desert



**LEGEND**

-  GILA RIVER INDIAN RESERVATION
-  CENTRAL ARIZONA BASIN
-  MOUNTAIN RANGE

**CENTRAL ARIZONA BASIN**

Figure 1-1

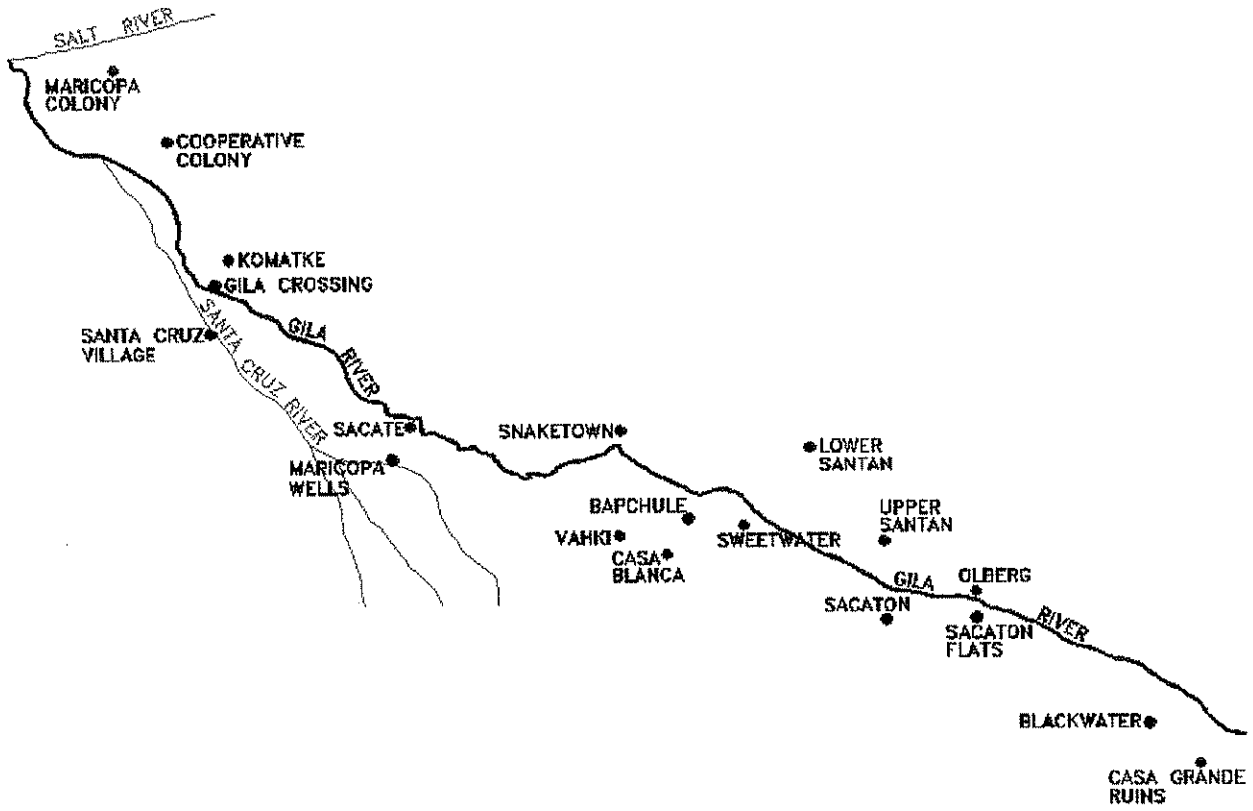
lands and the Pima-Maricopa peoples have experienced periods of malnutrition and outright starvation. The water supplies remaining to the Community are woefully inadequate.

Dr. Henry F. Dobyns, an ethno-historian, has created a history entitled "Creation and Expansion of the Reservation". His history chronicles the activities of the men and women involved in creating the initial Reservation and its Expansion. Gookin Engineer's report is designed to supplement the report by Dr. Dobyns. The primary purpose of this report is to discuss how the Reservation and its Expansions affected the ability of the Pima-Maricopas to irrigate. This report also discusses the activities of non-Indian developers upstream and around the Reservation. This report also chronicles the numerous Congressional efforts to provide water to the reservation and explains how the policy of neglect by the Executive Branch of the Federal Government caused the Congressional attempts to fail.

The report is divided into 14 chapters which are summarized as follows:

- Introduction
- "The Setting" discusses the region as it existed prior to the creation of the initial Reservation.
- "The 1859 Reservation" discusses the creation of the initial Reservation and the limited impact of Anglo-American influences on the river.
- "The 1876 Expansion" discusses the expansion of the Reservation to incorporate the *sTjuk shon* (Blackwater diversion area) in an attempt to help secure the base flow of the river.
- "The 1879 Expansion" discusses both the January expansion, which encompassed virtually the entirety of the Salt River, and the June retraction that created the expansion as it exists today. This section discusses the Salt River and the availability of its waters to the Reservation, especially to the Maricopas.

- “The 1882 Expansion” discusses the expansion of the Reservation and the importance of groundwater and the Santa Cruz River to the Reservation.
- “The 1883 Expansion” discusses the importance of reserving water for the mesquite and the intent to provide water from the Salt River to the Reservation.
- “The Killing Drought” discusses how the Anglo-Americans destroyed the habitats and rivers of the Gila River watershed leading to famine and starvation among the Pima-Maricopas.
- “Congressional Attempts to Get Water” discusses the various government projects and other efforts on the part of the United States Congress to get water to the Pima-Maricopas.
- “The Failure of the Gila Watershed” discusses the reasons why the Congressional attempts to restore water from the Gila River to the Pima-Maricopas were prevented from working.
- “Failure of the Salt River” discusses why the Congressional attempts to get water from the Salt River to the Pima-Maricopas failed.
- “Failure of the Groundwater” discusses how the State of Arizona allowed the groundwater supplies available to the Reservation to be destroyed.
- “*Arizona v. California*” discusses the factual similarities and differences between that landmark case and the current case with regard to Indian Reservations.
- “Conclusion”



## CHAPTER 2

### THE SETTING

The difference between the Gila River Indian Reservation and its surrounding area, as it exists today, and the region as it existed before Anglo-American development is staggering. This chapter describes the region as it existed prior to Anglo-American development and presents information on topography, climate, geology, ecology, and virgin hydrology.

#### TOPOGRAPHY

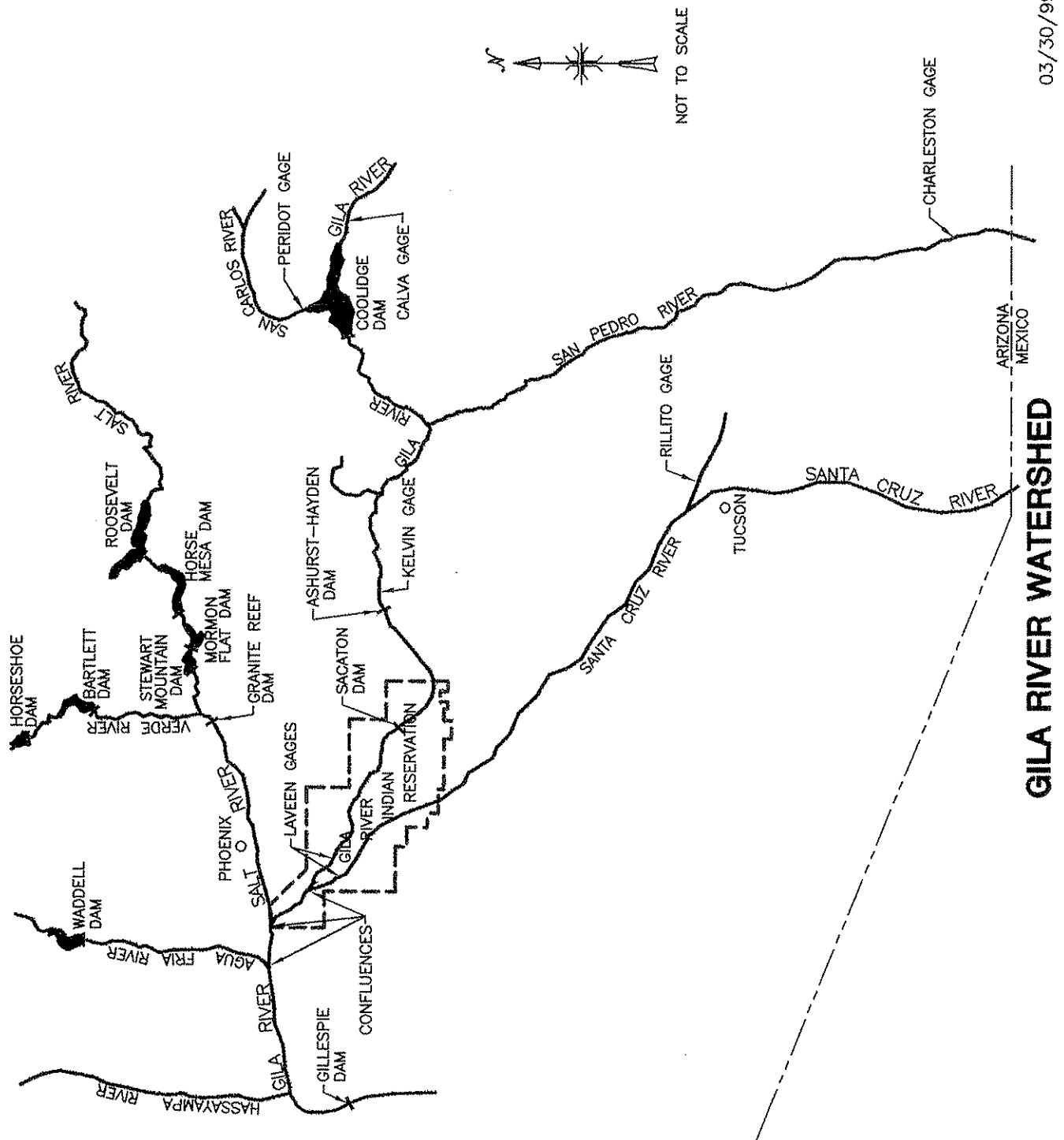
The Gila River Indian Reservation is located immediately south of the Phoenix metropolitan area, and straddles the dividing line between Pinal and Maricopa Counties. The Gila River flows through the middle of the Reservation. The Salt River forms the northern boundary on the western end of the Reservation. An additional river, the Santa Cruz, flows into the Reservation and merges with the Gila River within the Reservation boundaries.

The Gila River and its tributaries, upstream from Gillespie Dam, drain water from roughly forty percent of the land in the State of Arizona, covering an area of 49,650 square miles<sup>1</sup> (Figure 2-1). The Gila River is the major watercourse in central and southern Arizona, with its headwaters in the mountains of western New Mexico. The Gila River runs in a zigzag pattern westerly across the state, draining into the Colorado River north of Yuma.

Before it reaches the Central Arizona Basin, the Gila River picks up a significant source of inflow from the San Simón, San Francisco, San Pedro, and San Carlos Rivers. The Gila River was a perennial river in its virgin state. A perennial river is a river that flows year round. Today, the Gila River is regulated by Coolidge Dam upstream of the Gila River's confluence with the

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<sup>1</sup>USGS 1995, 244.



NOT TO SCALE

**GILA RIVER WATERSHED**

Figure 2-1

San Pedro River. Thus, while large portions of flows from the Gila River are regulated, the flows out of the San Pedro River go through the Reservation in an unregulated fashion. As the Gila River passes through the Central Arizona Basin, it receives tributary inflow from three primary sources: the Salt, the Santa Cruz, and the Agua Fria Rivers.

In addition to these major tributaries, there are several lesser washes and creeks on the Reservation. The Vekol and Santa Rosa Washes merge with the Santa Cruz River on the west end of the Reservation. The McClellan Wash enters the Reservation in the southeastern corner and meets the Gila River north of Sacaton Flats. There are also numerous unnamed and/or minor washes on the Reservation.

The Gila River is unusual in that once it merges with the Salt River, it retains its name even though the Salt River is, in terms of river flow, a larger river. The Black and White Rivers converge to form the Salt River. The Salt River then joins with Tonto Creek at Roosevelt Dam. The Salt River is joined by the Verde River just before entering the Central Arizona Basin. The Salt River enters the Central Arizona Basin from the northeast, flowing southwesterly until it meets the Gila River near Avondale. The Salt River is the largest, single contributor to the Gila River. The Salt and Verde Rivers were both perennial rivers in the virgin state. The Salt River flowed through the Central Arizona Basin without interruption in virgin times. Six dams now regulate the flow in the Salt and Verde Rivers.

The Santa Cruz River flows northward from its headwaters in the Patagonia Mountains. The river is divided into two reaches: the upper Santa Cruz, constituting the southern portion, and the lower Santa Cruz, constituting the northern portion. The point of division between the two reaches occurs near Rillito, a short distance north of Tucson.



Under virgin or pre-development conditions, the flow of the Santa Cruz River was interrupted. It flowed perennially in some reaches, but was normally dry in others. During times of high runoff, however, the river flowed continuously from the Mexican border to the confluence of the Santa Cruz River with the Gila River. Such seasonal fluctuations in flow and stream continuity are common to many streams in Arizona.

In the pre-development period, the Santa Cruz River flowed perennially from just north of the current Arizona-Mexico boundary to a point near the northern boundary of Santa Cruz County. At this point, the perennial river flow ceased and the stream became intermittent. Further downstream, the Santa Cruz River reestablished perennial flows south of Tucson, continuing to flow up to a point some miles north of Tucson. Here, the flow of the Santa Cruz once more became intermittent, until the bed finally became ephemeral (normally dry).<sup>2</sup> The ephemeral reach occurred in the region known as the Santa Cruz Flats. Though the streambed was normally dry, water flowed just beneath the surface, following the general course of the riverbed. In other words, the underground water flowed in the same general direction as the Santa Cruz River. By the time the underflow from the Santa Cruz River reached Eloy, the water table was less than 50 feet below the surface.<sup>3</sup> As underflow entered the Gila River Indian Reservation, it remained sufficiently close to the surface to provide water for a dense mesquite forest, known as the New York Thicket.<sup>4</sup> The Santa Cruz River itself ultimately emerged to the surface near its entry onto the Gila River Indian Reservation. Near the mouth of the pre-

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<sup>2</sup>USGS 1986, Sheet 3.

<sup>3</sup>AAES 1911b, Attached Map.

<sup>4</sup>USGS 1986, Sheet 2.

development Santa Cruz River, there was a steady flow of water with springs, marshes, and shallow lakes.<sup>5</sup>

The Agua Fría River begins south of Prescott.<sup>6</sup> The Agua Fría River twists southward, entering the Central Arizona Basin along the northern boundary, before the Gila River envelops it south of Goodyear. The New Waddell Dam, near the northern boundary of the Agua Fría River and the Central Arizona Basin, now regulates the Agua Fría River. Prior to the New Waddell Dam, the Agua Fría River was regulated by Waddell Dam with a smaller re-regulatory structure located immediately below the dam. The Agua Fría River was perennial before Waddell Dam.

The Gila River Indian Reservation is located near the center of a large groundwater basin called the Central Arizona Basin. The Central Arizona Basin makes up the bulk of the Phoenix Active Management Area and the Pinal County Active Management Area. The Central Arizona Basin is shown in green in Figure 1-1. The Central Arizona Basin is bounded by a ring of mountains including the Goldfield, Superstition, Picacho, Sawtooth, Silver Reef, Tat Momoli, Table Top, Palo Verde, Sierra Estrella, McDowell, White Tank, Hieroglyphic, and New River Mountains. Other mountain ranges in the Central Arizona Basin include the McDowell, San Tan, Sacaton, Casa Grande, South Mountains, and the Phoenix Mountains. The Gila River Indian Reservation is shown in Figure 2-1 in red.

## CLIMATE

The two most characteristic features of the climate of the Gila River watershed are its diversity and unpredictability. The variety of landforms and topical features, which includes low-lying deserts and mountainous high country, account for enormous climatic differences within

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<sup>5</sup>USGS 1968, 6.

the watershed. A few features of the climate apply to the vast majority of the Central Arizona Basin. The area receives more sunlight than any other region in the United States.<sup>7</sup> In addition, summers are long in duration and extraordinarily hot--particularly in the desert regions. The bulk of the watershed receives low annual rainfall.

### **Temperature**

Temperatures in the desert regions of the Gila River watershed are mild in winter, and torrid in summer. The plateau country and mountain regions endure relatively harsh winter temperatures, while enjoying warm pleasant summer temperatures. A winter day in the desert region corresponds, in terms of temperature, to a summer day in the cooler mountain climates. Summer temperatures in the desert are extremely hot with highs over 110 degrees on many days. Alfalfa and cotton are the two primary commercial crops that seem capable of withstanding the extreme summer temperatures. The relationship between average temperature and elevation is inversely proportional.<sup>8</sup> That is, the higher the elevation, the lower the temperature and vice versa.

### **Precipitation**

The climate of the Gila River watershed is generally arid, though highly elevated regions qualify as semiarid. Desert areas are among the driest in the watershed.

Precipitation levels peak in two distinct seasons, winter and summer.<sup>9</sup> Winter fronts from the Pacific Ocean bring large-scale storms capable of dumping moisture over wide regions of the

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<sup>6</sup>USGS 1947-1962, 15" Map of Prescott.

<sup>7</sup>Maricopa County 1982, 3.

<sup>8</sup>Sellers and Hill editors 1974, 3.

<sup>9</sup>Sellers and Hill editors 1974, 8-9.

watershed.<sup>10</sup> Such storms may be of long duration. Winter precipitation is a critical source of water. It creates long, steady river flows that are very useful for winter crops. Except for the mountain ranges in the region, snow is extremely rare. The snowmelt provides a valuable water supply in the spring months.

Rain does not often fall in the hottest months since the air evaporates the water so quickly.<sup>11</sup> Summer precipitation results from localized climatic activity, culminating in short, intense monsoons. Precipitation is much higher in the “monsoon” months of July and August. It is not uncommon for localities to receive the sum of average monthly rainfall within a few short hours of a monsoon storm.<sup>12</sup> Rainfall from monsoon activity spreads irregularly throughout the watershed, and the storms are of a shorter duration. Figure 2-2 shows the average annual precipitation for the watershed.

### **Vegetative Potential**

As a result of the high temperatures and the limited amount of precipitation, it is not feasible to grow crops in the Central Arizona Basin area without irrigation. One exception occurred in early times when a crop could be grown in a few small areas of very high groundwater.

**...it is not feasible to grow crops in the Central Arizona Basin area without irrigation.**

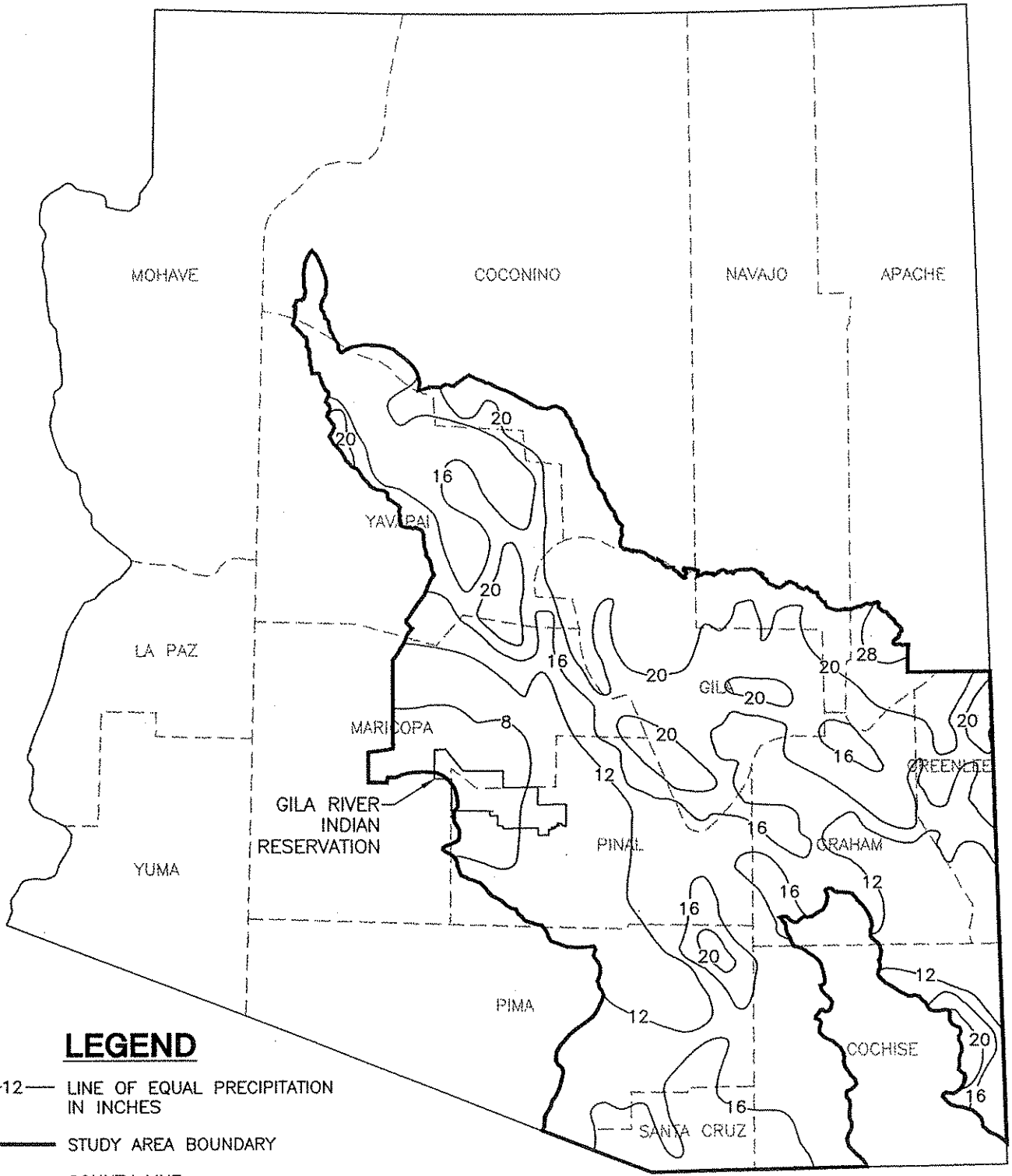
With irrigation, the general character of the soil and the long growing period, this region is one of the most productive in the United States. Double-cropping is common in the Central Arizona Basin allowing the farmer to develop more income per acre than most other regions. As a result, farming in the Central Arizona Basin outside the Reservation is generally very profitable.

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<sup>10</sup>USEO 1945b, 78.

<sup>11</sup>Hastings 1963, 28.

<sup>12</sup> Sellers and Hill editors 1974, 9; Dumbier 1968, 22-24.



## AVERAGE ANNUAL PRECIPITATION

Figure 2-2

SOURCE: USGS 1992b, B5.  
AZ-2.DWG

03/30/99

According to the United States Census, the average net income of a non-Indian farmer in Pinal County is just under \$200,000.<sup>13</sup>

## GEOLOGY

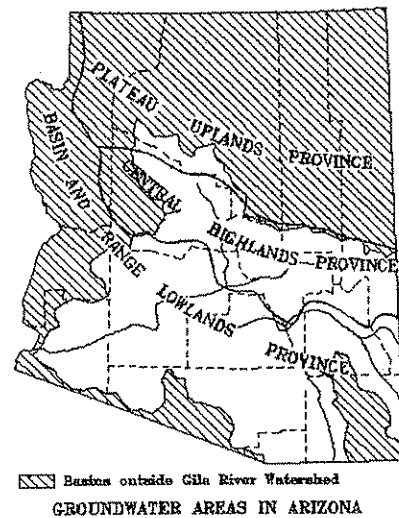
### Geologic Provinces

Arizona lies within two major physiographic provinces of the United States. These provinces are the Basin and Range Lowlands Province and the Plateau Upland Province. The Basin and Range Lowlands Province occupies the southern and western sections of Arizona. The Plateau Uplands Province occupies the northern portion of Arizona. There is a third minor province in the state. This province is the Transitional

Zone or the Central Highlands Province. The Gila River Indian Reservation is located within the Basin and Range Lowlands Province.

#### Basin and Range Lowlands Province

The Basin and Range Lowlands Province encompasses roughly the southern 45 percent of Arizona. About 80 percent of the population and more than 90 percent of the irrigated acreage of Arizona occurs in the Basin and Range Lowlands Province. This province has fault block mountain ranges separated by valleys that contain thick deposits of alluvium (dirt). These mountain ranges trend north and west.



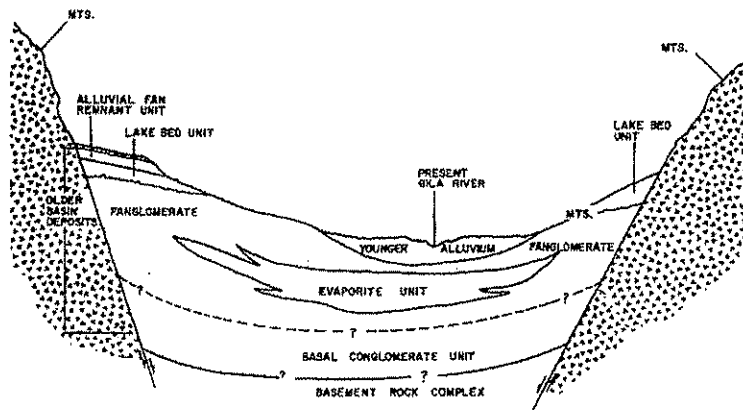
<sup>13</sup> AEDC 1988-1993, US Bureau of the Census 1992.

The Basin and Range Province constitutes almost the entirety of the Gila Watershed. The geology of the Basin and Range Province is fairly consistent. Millions of years ago, mountains were thrust up and the portions of the Earth's crust between the mountains dropped down. This left a series of long valleys shaped like troughs, with hard rock mountains forming the sides, merging with a hard rock bottom. This hard rock is normally termed bedrock. Generally, the bedrock will not yield significant amounts of water. When well drillers hit bedrock they normally cease drilling because: 1) it is hard to drill through and 2) no appreciable water supplies are expected.

Over time, these troughs have filled in with dirt from water erosion, wind erosion, freezing, thawing, and other erosional forces. Three different layers were created as the types of erosion changed. The bottom layer is generally a mixture of silt, gravel, sand, and loam that has been somewhat compressed into a moderately tight formation. This layer is capable of yielding a moderate amount of water. In most areas, as a result, this bottom layer yields water that is very salty. There are large amounts of dissolvable salts that are contained in the soil.

The middle layer is a clay layer. While clay can hold a fair amount of water, it does not permit the water to move. Clay is relatively impervious to water. This is why a common device for carrying fluids has been baked clay pots for much of mankind's history. In some areas, when the clay is sufficiently thick and connected, it acts like a cap on the soil beneath it, and the water underneath becomes stored under pressure. Some of the valleys have artesian zones where a well drilled through the clay layer will have water rise in the well. Sometimes the water will flow out onto the surface. This is an artesian well.

The top layer is a mixed layer of sand, silt, gravel, and other deposits. It is, generally, a fairly unsorted layer. There are pockets of one type of material or another depending on where you are in the layer. It is very difficult to determine any consistent patterns within this alluvium. One exception to this statement is towards the center of the valley where there is an area called the younger alluvium. This younger alluvium is an area where large amounts of water that flowed in the Holocene era (about 8,000 years ago) washed and reworked the gravel, sand, and silt leaving behind a highly porous bed of sand and gravel. The rivers flow through this younger alluvium bed. The younger alluvium or Holocene alluvium is the area currently identified, subject to other criteria, as the subflow zone for the rivers of the Gila Watershed under Arizona state law.<sup>14</sup> Wells in the younger alluvium usually provide high yields of good quality water. Due to the pervious soils and close proximity to the river, they are easily recharged by the rivers and so the water tables remain high in the younger alluvium. The high water tables no longer occur in the Central Arizona Basin where the rivers have been eliminated by the activities of man.



<sup>14</sup>This issue was recently confirmed by the Arizona Supreme Court.



Most of the Gila River Watershed consists of long valleys bounded by mountains on each side. The centers of the valleys are filled by the above-mentioned layers of alluvium (dirt). The Central Arizona Basin is slightly different. The Gila River Indian Reservation is bounded by some mountains, but there are significant gaps. On both sides of the Reservation, there are basins 2-3 miles deeper than the Reservation valley, referred to as depocenters (Figure 2-3). The entities around the Reservation have pumped the water levels down in these depocenters. Due to this configuration, the shallow aquifer under the Gila River Indian Reservation is like a table in a room. Water that recharges the Reservation is poured on the table and runs off into the depocenters (runs off the edge of the table onto the floor).

## **ECOLOGY**

### **Sonoran Desert**

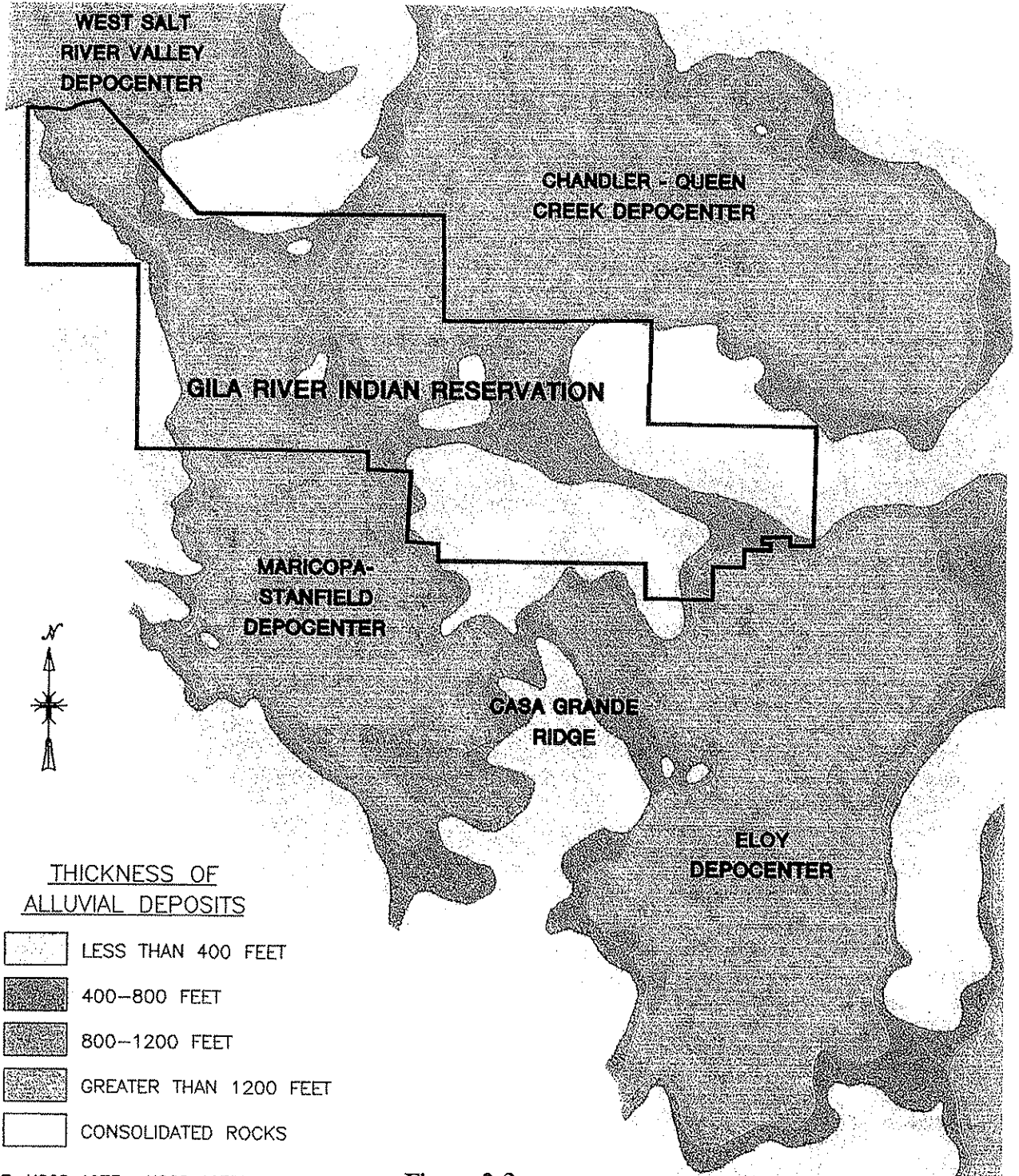
The Sonoran Desert encompasses the southwestern corner of California, parts of northwestern Mexico on both sides of the Gulf of California, and much of southern Arizona. The desert covers over one hundred thousand square miles, which is roughly the size of the state of Arizona (see Figure 2-4).

The desert is thought to have had its beginnings with the development of a semipermanent ridge of high pressure off the Californian and Mexican coasts some forty million years ago. This atmospheric feature dominates the weather of the region to this day by diverting storms that come off the north Pacific to the north of Arizona. When rains do reach southern California they often fall largely over the cold coastal currents. Even showers that move onshore generally deposit their moisture on the hills near the ocean, leaving none for the area to the east. As a result, it is the rare storm that penetrates the Sonoran Desert. What little precipitation does fall comes as a rule from December to March as gentle rains from Pacific weather disturbances, or in late July and August as violent thunderstorms during the "monsoon" season, when low-pressure ridges pump moisture up from the Gulf of California.<sup>15</sup>

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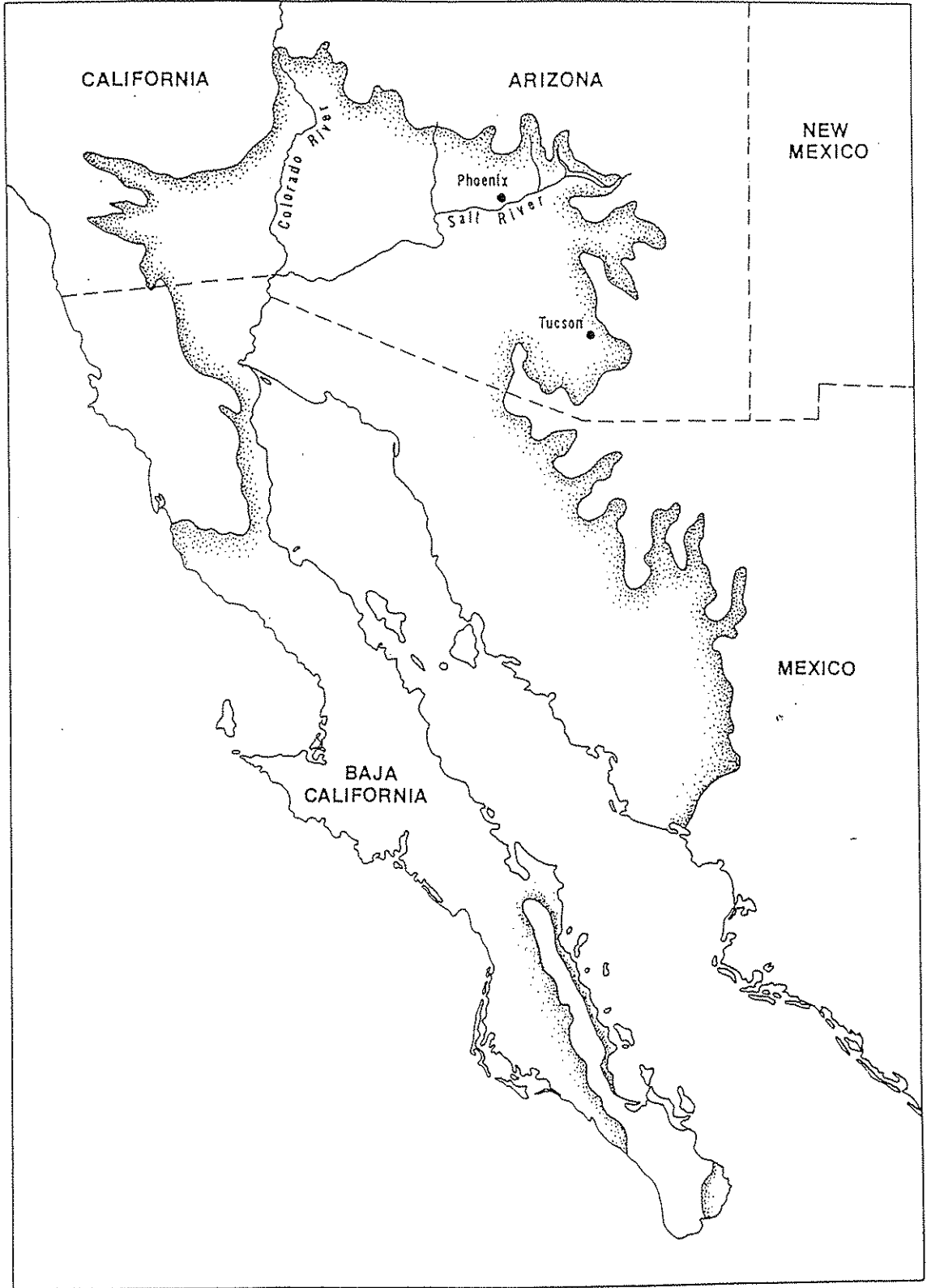
<sup>15</sup>Alcock 1985, 5.

# DISTRIBUTION AND ESTIMATED THICKNESS OF ALLUVIAL DEPOSITS



SOURCE: USGS 1973a; USGS 1973b.  
ALLUVIAL.DWG

Figure 2-3



**THE SONORAN DESERT**

**Figure 2-4**

SOURCE: ALCOCK 1985

## **Arizona Vegetation Types**

The state of Arizona has a great variety of vegetation types within its borders. The make-up and density of each type of vegetation vary with such factors as elevation, rainfall, temperature, soil, wind, and sunshine.

There are three primary divisions to the type of vegetation found in Arizona: forest, grassland, and desert. A study done in 1943, by A. A. Nichol breaks these down further into subdivisions.<sup>16</sup> Figure 2-5 shows the percentage data for each division and subdivision along with information on elevation, yearly rainfall, temperature data, and prominent species. Figure 2-6 shows a map of the natural vegetation in the state of Arizona.

### **Gila River Indian Reservation**

Prior to the widespread settlement of the state of Arizona, the vegetation on the Reservation was typical of the lower portions of the Sonoran Desert. The development of Arizona has altered the natural drainage patterns on the Reservation and led to a reduction in certain plant groupings. Non-Indian settlers have introduced to the region various plant species that are not indigenous to the Sonoran Desert. One of the major vegetative communities that existed on the Reservation prior to the Anglo-American intrusion was the riparian forest community.

### **Riparian Forest Community**

The riparian forest community, which requires a constant supply of water, occurred as an expansive band of vegetation along permanent watercourses. This plant community is the rarest of the Sonoran Desert plant communities and has been reduced to a few remnant sites as a result

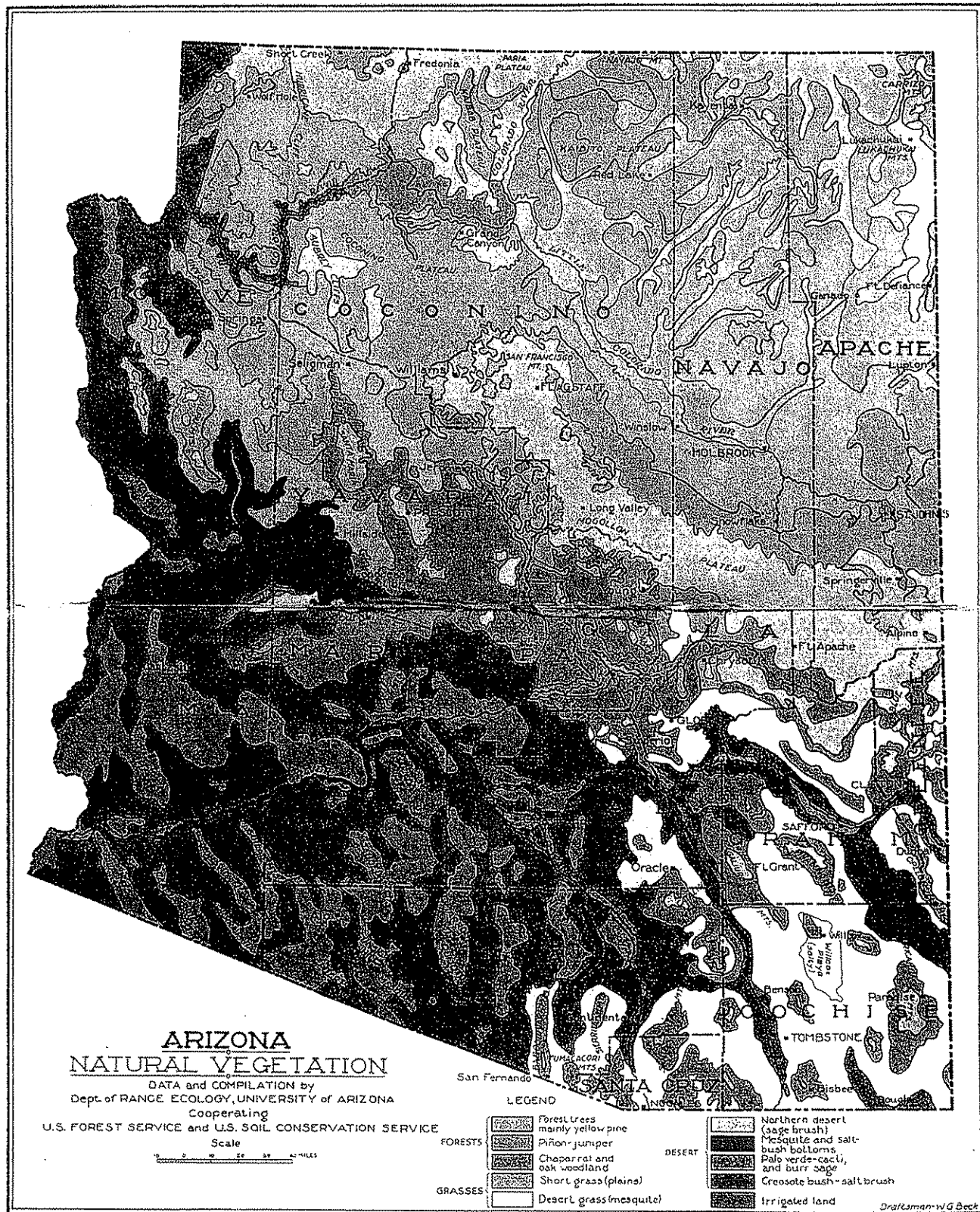
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<sup>16</sup>AAES 1943.

TYPES	% OF TOTAL AREA	ELEV. RANGE FEET	YR'LY RAIN-FALL INCHES	TEMPERATURE			PROMINENT SPECIES
				YR'LY MEAN	JAN. MEAN	JULY MEAN	
FOREST 33%	DOUGLAS FIR — YELLOW PINE	8 6000 12000	21-35	44-48	27-30	61-68	FIRS SPRUCES PINES ASPEN GAMBEL OAK MOUNTAIN MUHLY
	PINYON — JUNIPER	17 5000 7000	12-15	53-54	35-37	72-74	PINYON JUNIPERS ALGERITA BLUESTEM TOBOSA
	CHAPARRAL	8 4000 5500	13-16	54-66	36-44	74-85	SCRUB OAKS SUMACS ALGERITA MANZANITA CLIFF ROSE
GRASSLAND 25%	SHORT GRASS (PLAINS)	15 4500 6500	10-14	52-54	31-36	72-76	BLUE GRAMA GALLETA NEEDLE GRASS WINTERFAT SOAPWEEED RABBIT BRUSH SNAKEWEED
	MESQUITE GRASS (DESERT)	10 3200 5000	14-18	61-65	45-49	77-82	CURLY MESQUITE EMORY OAK MESQUITE TOBOSA GRAMAS HAIRY SLENDER ROTHROX BLACK
DESERT 42%	SAGEBRUSH	6 2500 5000	7-9	47-54	29-33	73-77	SAGEBRUSH BLACKBRUSH YUCCA
	PALO VERDE — CACTI	11 500 3500	3-11	51-74	34-57	72-94	PALO VERDES PRICKLY PEARS BURSAGE CATCLAWS MESQUITE CHOLLAS SAHUARO OCOTILLO
	CREOSOTE BUSH — ATRIPLEX	24 137 3000	3-11	51-74	34-57	72-94	CREOSOTE BUSH SALTBUSHES NEEDLE GRAMA INDIAN WHEAT
MESQUITE ATRIPLEX	1 137 2500	3-11	51-74	34-57	72-94	MESQUITE ATRIPLEX SCREW BEAN DONDIA ARROW-WEED	

## PERCENTAGE REPRESENTATION OF THE DIFFERENT COVER TYPES IN ARIZONA

Figure 2-5



SOURCE: AES 1943, MAP

Figure 2-6

of human activities that have diverted the former flows in the Reservation's watercourses. Only a few of the former riparian habitats remain along the lower Gila River.

The pre-eminent riparian species in predevelopment times was the mesquite. The mesquite was a plant critical to the Pima-Maricopa prosperity and ecological adaptation to the region. Willow and cottonwood are also riparian species. Salt cedar, an African species introduced by the Federal Government for erosion control, has largely replaced native plant species along the Gila River.

A search for comparable riparian habitats, surviving today in the Gila-Salt River Valleys, shows that only two areas are possibly indicative of the conditions once found on the Reservation: Blue Point Cottonwoods, located about 24 miles northeast of the Reservation; and "The Buttes" area at the ghost town of Cochran, approximately 22 miles up the Gila River from the Reservation.<sup>17</sup>

#### Blue Point Cottonwoods

The Spaniards referred to the 40-mile reach of the Salt River from its confluence with the Verde River to its junction with the Gila River, as the Río de la Asunción. Just above the Salt-Verde confluence lies an extant riparian community known as the Blue Point Cottonwoods. Its elevation of 1340 feet is comparable to that of the Pima village of Blackwater, which has an elevation of 1362 feet. Johnson and Simpson studied the area extensively from 1969 to 1975, describing in a preliminary report:

Blue Point Cottonwoods, located approximately 2 miles upstream from the confluence of the Verde with the Salt River, is the only large stand of mature cottonwoods (*Populus fremontii*), with its attendant mesquite (*Prosopis juliflora*) understory, left on the entire Salt River. These cottonwoods will be covered by

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<sup>17</sup>Rea 1983, 61.

Orme Lake [or so it was thought at this writing], thus virtually completing the extirpation of native riparian groves along the Salt River. This virgin grove extends for nearly a mile along the north side of the river. A narrow marsh of open water approximately one-half mile long, edged with arrowweed (*Pluchea sericea*) and salt-cedar (*Tamarix* sp.), and containing several dense stands of cattails (*Typha domingensis*) contributes to the diversity of the habitat. *Azolla* sp., a water fern unrecorded for central Arizona, grows profusely with duckweed (*Lemna* sp.) in the marsh.<sup>18</sup>

Judging from the early historical accounts along the Gila River around the Gila-Salt confluence, the riparian habitat closely approximates the conditions found today at Blue Point Cottonwoods. The only difference is the absence of willow thickets at Blue Point.<sup>19</sup>

#### The Buttes - Cochran

The Gila River is a perennial stream as far west as Ashurst-Hayden Dam, about 17 miles east of the Gila River Indian Reservation. About 22 miles upstream from the Reservation is an area of riparian vegetation known locally as The Buttes from a mining community established there in the 1880s. In the Buttes area, sheer cliffs rise to heights of nearly 3,000 feet and force the Gila River into a number of snakelike bends. Rea visited the area several times between 1976 and 1982 and writes:

Unlike the broad, open floodplain found across the reservation downstream, the geomorphic structure along this section of the river restricts the alluvial bottoms to narrow areas. The elevation is approximately 1,630 feet. At this point the Gila is silty and swift, with a gravel bottom. ... The river channel is well defined, about 100 feet wide, with thick vegetation growing to the water's edge. The overstory consists of mature mesquites, saltcedars, young willows, and scattered tall cottonwoods. Saltcedars do not dominate here as they do along the reservation channel. Willows form occasional thickets along the north bank, but I found no large, old trees. Nor are there any groves of cottonwoods. A well-developed understory is composed of seepwillow, thickets of arrowweed, graythorn, spiny aster, *Haplopappus*, and other low vegetation. For the most part the mesquite

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<sup>18</sup>Johnson and Simpson 1971, 379; Rea 1983, 61, 63.

<sup>19</sup>Rea 1983, 61, 63.



bosques here are sufficiently mature that one can move beneath the canopy with relative ease along numerous cow trails.<sup>20</sup>

The Blue Point Cottonwoods and Buttes-Cochran areas gave us an idea of the predeterioration conditions that existed on the Reservation until a century ago. Unfortunately, during field observation, Gookin Engineers, Ltd. found that the Buttes-Cochran area has been destroyed by fire. The vegetation remnants still allow the viewer to visualize the beauty that once existed. Changes in the Reservation floodplain and bajada (alluvial sloping plane at the base of a mountain) habitats caused by cattle grazing, tree cutting, and other changes have reduced the numbers and presence of species which are still breeding in these two areas.<sup>21</sup>

### **Early Historical Accounts**

When the first European explorers visited southeastern Arizona, they found the area crossed with rivers: the Gila, Santa Cruz, San Pedro, and Verde, among others. These rivers were mostly perennial, though water levels fluctuated during the year, rising to their highest levels from the spring snowmelts. These spring floodwaters brought nutrient-rich soils to the floodplains of the rivers. Along these rivers, narrow ribbons of forest were found which are commonly referred to as riparian woodlands. Humans and animals found these woodlands to contain the highest concentration of food resources: seeds, fruits, insects, fish, and, of course, water, which is a limited resource in the desert.

Water tables were once quite high along these desert rivers. When the floodwaters receded each spring, stands of annuals such as wild sunflowers grew quickly in the rich silt left behind. Large areas of the floodplains were covered by mesquite bosques, which often reached

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<sup>20</sup>Rea 1983, 68.

<sup>21</sup>Rea 1983, 75.

tremendous heights. The mesquite pods provided food for humans and animals alike in the summertime.<sup>22</sup>

The Gila River was once a well-defined stream. "Its gallery forest of native cottonwoods and willows formed a green ribbon that travelers could trace for hundreds of miles through the desert."<sup>23</sup> When the early Spanish explorers found their way northward into the area they called Pimería Alta, "they found Piman Indians dwelling along 150 miles of the prime Gila River bottoms."<sup>24</sup>

Jesuit missionary Eusebio Kino was the first European to visit the Gila River Indian Reservation area in November 1694. On his second journey in November 1697, he recorded:

Travelling always by the valleys of the Río de Quiburi [San Pedro River], we arrived at the Rio Grande, or Río de Hila. And following its bank and its very large cottonwood groves, after travelling three days' journey to the west, we arrived at the Casa Grande and its neighboring rancherías. As we journeyed we always had on the right hand and in sight, but on the other bank of the river, the very extensive Apachería.<sup>25</sup>

Kino made several journeys to this area and introduced Old World livestock to the Pima Indians.<sup>26</sup> Kino's *Memoir* is full of references to his gifts of livestock.<sup>27</sup> After traveling eighty leagues up the lower Gila River to the Gila River Pima villages Kino noted:

In some places they gave us so much and so very good fish that we gave it as a ration to the men, just as beef is given where it is plentiful.<sup>28</sup>

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<sup>22</sup>Rea 1983, 2.

<sup>23</sup>Rea 1983, 7.

<sup>24</sup>Rea 1983, 7.

<sup>25</sup>Kino 1919, 171-172; Rea 1983, 17.

<sup>26</sup>Bahre 1991, 31.

<sup>27</sup>Hastings and Turner 1965, 31.

<sup>28</sup>Kino 1919:I:197.

Captain Juan Manje accompanied Kino on his last visit to Pimería Alta and made his own diary of the trip detailing:

...we camped for the night on a plain covered with pasture where the horses had good feed. We were told that on the other side of the river there are better plains, suitable for the raising of cattle and horses; but I give only an account of what we have seen.<sup>29</sup>

Kino and Manje had eighty horses with them on this last journey.

In 1744, another Jesuit missionary, Father Jacobo Sedelmayr explored the Pima country for possible sites for a mission and described the area that is now the northwest part of the Reservation:

Leaving behind these Pima settlements and trekking down stream we come upon broad savannas of reed grass and clumps of willow and a beautiful spring with good land for pasture. We named the place Santa Teresa [Maricopa Wells]. Passing on down river another five or six leagues and keeping it always in view with its willows and cottonwoods, we come to its confluence with the Río de la Asunción [Salt], which in its turn is formed by the Salado and the Verde. A very pleasant country surrounds this fork of the rivers. Here the eye is regaled with creeks, marshes, fields of reed grass and an abundant growth of alders [sic, willows] and cottonwood.<sup>30</sup>

Father Juan Nentvig, a Jesuit missionary, wrote the "Rudo Ensayo" in 1761-1762 and described the Pima country:

Between these Casas Grandes, the Pimas, called Gilenos, inhabit both banks of the river Gila, occupying ranches on beautiful bottom land for ten leagues further down, which as well as some islands are fruitful and suitable for wheat, Indian corn, etc. So much cotton is raised and so wanting in covetousness is the husbandman, that, after the crop is gathered in, more remains in the fields, than is to be had for a harvest here in Sonora -- this upon the authority of a Missionary Father who saw it with his own eyes in the year 1757.<sup>31</sup>

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<sup>29</sup>Manje 1954, 124.

<sup>30</sup>Sedelmayr 1955, 24; Rea 1983, 18.

<sup>31</sup>Nentvig 1951, 15.

Ignaz Pfefferkorn was the last historic Jesuit to describe the Pima country area and wrote in 1763:

Following down the Gila beyond this, spread along both sides of the river, are the still unconverted Pimas. This tribe is separated into three populous communities, of which the largest inhabits a pleasant, abundantly tree-covered country fourteen miles long and irrigated by aqueducts, which are built from the river to the surrounding country with little difficulty because the land is so level.

From the habitation of the Pimas it is approximately twelve miles to the above-mentioned Río de la Asunción. The region where this river flows into the Gila is very beautiful, is entirely level, and is exceptionally good for raising all kinds of grain and plants. Both sides of these two rivers are inhabited by the Cocomaricopas.<sup>32</sup>

Fr. Diego Bringas hoped to find sites to establish Franciscan missions in the area. He wrote to his potential sponsor, the King of Spain, in 1796-1797, describing the northern section of Pimería Alta:

The natural products of the country as far as to the banks of the Gila are kinds of bushes: chamizo [fourwing saltbush], ocotillo, hediondilla [creosote], and others which are unknown. Pasturage is scarce except for some points right beside the river, and in a cienega which is to the west of the pueblos. As for trees, the banks of the river are covered with cottonwoods and willows which are the only timber for construction, although at a distance of 25 leagues almost directly north there is an abundance of pine. Mesquites, creosote bushes, and saguaros are found in the open country, as well as quail, rabbits, hares, and deer. The river abounds in fish of various species. As for harmful animals, none are seen but the coyote. The fruits which are actually grown and cultivated by the inhabitants are various: beans, maize, wheat, watermelons, melons, squash, and cotton. If you wish to consider others which can be grown there, every species of grain, tree, and legume would do well because of the mild climate and even temperature. The river can fertilize these beautiful tracts of land with its waters. These can easily be conducted anywhere for farming. Even the gentiles steal a portion of its water by means of a poorly built dam which feeds a main ditch along their fields and distributes the water to small fields cultivated by each family.<sup>33</sup>

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<sup>32</sup>Pfefferkorn 1949, 28-29.

<sup>33</sup>Bringas 1977, 90-91.

As the migration to the west swelled, travel across the area became commonplace. For the decade prior to the Gadsden Purchase, many diaries and journals exist describing the country. Some of these are the offspring of troop movements during the Mexican War; others are from the rush of forty-niners across the country in search of gold. As a whole, these accounts provide us with a detailed picture of conditions in the 1840s and 1850s.<sup>34</sup>

Kit Carson guided the Army of the West across the area in November of 1846. On the ninth of November, they came to the place where the Gila emerges from the mountains onto the wide, arid plain. Calvin relays information from their travels:

... The vegetation was a mixed growth in which the creosote still predominated. Other species were "green-barked acacia" [now known under its Spanish name palo verde], ephedra, ocotillo, cactus, and ironwood, a small tree of such remarkable weight that its wood sinks in water.

One of the most impressive facts about the scene before them was the excessive bareness of the ground. From the scarcity of water, about four fifths of the ground, as they estimated, was unoccupied by any growth whatever. The perennial grasses had quietly yielded at the end of the mountains.

...  
The villages of the semi-civilized Pimas and Maricopas were now at hand. Although the generous crops of cotton, wheat, and maize had already been gathered in, the soldiers were impressed by the labor and accuracy with which the Indians had leveled, irrigated, and drained their fields.

...  
In the fertile basin near the junction of the Gila and the Salt, there was living at that time an estimated population of five or ten thousand Indians.<sup>35</sup>

Cooke noted, in his travels in 1846-47, that in the San Pedro River "[f]ish are abundant in this pretty stream. Salmon trout are caught by the men in great numbers; I have seen them eighteen inches long."<sup>36</sup>

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<sup>34</sup>Hastings and Turner 1965, 35.

<sup>35</sup> Calvin 1946, 55-56.

<sup>36</sup>Bieber, editor 1938, 142; Hastings 1963, 120.

A boundary survey was required from El Paso to San Diego to establish the new boundary following the peace treaty of Guadalupe Hidalgo in 1848. John R. Bartlett, the U. S. Commissioner, and his crew of surveyors, draftsmen and others spent two weeks in July 1852 at the Pima-Maricopa, villages, surveying and making illustrations. Their horses and mules hauled 160 tons of freight from Louisiana to California, requiring lots of pasturage during the journey. Bartlett left one of the most extensive accounts of the Pima villages noting on June 30<sup>th</sup>:

At daylight we passed the southern end of a range of mountains [Sierra Estrella] which extend to the Gila, terminating near the mouth of the Salinas [Salt] River; and at half past six we reached some water-holes, [Maricopa Wells] about a mile from the first Coco-Maricopa village, thus making the journey of forty-five miles in thirteen hours... . It was indeed a pleasant sight to find ourselves once more surrounded by luxuriant grass. Although we had met with a little salt grass in one or two places on the march, which no animal would eat if he could get anything else, we had not seen a patch of *good* grass since leaving our camp at San Isabel, fifty-six miles from San Diego... . As it would yet be several hours before we could look for the wagons and the remainder of the party, we turned the mules out to luxuriate on the rich pasture before them, and creeping under some mezquit [sic] bushes soon fell asleep,...The water here is found in several holes, from four to six feet below the surface, which were dug by Colonel Cooke on his march to California. In some of these holes the water is brackish, in others very pure. The Gila passes about two miles to the north; for one half of which distance the grass extends, the other half being loose sand.<sup>37</sup>

Note especially that Bartlett indicated that water could be found, at that time, four to six feet below ground level on what would soon be the Reservation. The area he describes is upstream from New York Thicket. Bartlett and his men pushed on to find a place with shade trees and a spot on the river where they could bathe.

... we at length reached the bank of the river, when I found the statements of the Indians too true. There were many fine large cotton-wood trees, beneath which we stopped and which afforded us a good shade from the scorching rays of the sun; but there was not a blade of grass to be seen, and, what was worse, *the Gila was dry!* We crossed and recrossed its bed without wetting the soles of our shoes;

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<sup>37</sup>Bartlett 1854, 215; Rea 1983, 24.

although by digging a couple of feet, we found water for ourselves and our animals.<sup>38</sup>

Bartlett comments on the river he found

The dryness of the river was produced by the water having been turned off by the Indians to irrigate their lands, for which the whole stream seemed barely sufficient. It is probable, however, that with more economical management, it might be made to go much further... . The valley or bottom-land occupied by the Pimos and Coco-Maricopas extends about fifteen miles along the south side of the Gila, and is from two to four miles in width, nearly the whole being occupied by their villages and cultivated fields. The Pimos occupy the eastern portion. There is no dividing line between them, nor any thing to distinguish the villages of one from the other. The whole of this plain is intersected by irrigating canals from the Gila, by which they are enabled to control the waters, and raise the most luxuriant crops. At the western end of the valley is a rich tract of grass, where we had our encampment. This is a mile or more from the nearest village of the Coco-Maricopas. On the northern side of the river there is less bottom-land, and the irrigation is more difficult. There are a few cultivated spots here; but is too much exposed to the attacks of their enemies for either tribe to reside upon it.<sup>39</sup>

Other accounts, written during the building of the Leach wagon road, describe principally the San Pedro region. Bartlett's comments, above, best describe the environment at the time the Gila River Indian Reservation was established in 1859.

Dr. R. H. Forbes, Director of the Agricultural Experiment Station in Arizona in 1919, writes about the typical Arizona setting sixty years prior. The valley bottoms were covered by a dense growth of perennial Sacaton grass, oftentimes as high as the head of a horseman and so thick and tall that cattle, horses, and men were easily concealed by it. Indeed, in early days it was necessary to drive cattle out beyond the mesas at the time of the rodeos, where they could be seen and handled. The uplands were well covered with a variety of nutritious grasses, such as the perennial black grama, and the many annuals that spring into growth during the summer rainy

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<sup>38</sup>Bartlett 1854, 215.

<sup>39</sup>Bartlett 1854, 215, 232-33.

season. The abundant vegetation, both on highlands and in the valley bottoms, restrained the floodwaters resulting from the torrential storms of the region, so that there was no wash in the valley bottoms. Instead, the rainfall soaked into the soil and made grass. Sloughs and marshy places were common along the San Simón, the San Pedro, the Santa Cruz, and other streams, and even beaver were abundant in places where it would now be impossible for them to live.<sup>40</sup>

Charles H. Lowe summarized conditions as follows:

Along the formerly great Gila River (the now dry bed of which stretches across the Sonoran Desert of western Arizona) there were extensive marshes, swamps and floodplains with cattail (*Typha domingensis*), bulrush (*Scirpus olneyi*), giant reed (*Arundo donax*), common reed (*Phragmites communis*), arrowweed (*Pluchea sericea*), and many trees. The dense vegetation of these well-developed riparian communities often stood 10 to 15 feet high and supported a tremendous quantity and variety of wildlife.<sup>41</sup>

Bahre writes about the historic vegetation in southeastern Arizona:

In the 1850s and 1860s, grass was plentiful, the grasslands were open and fairly brush-free; the rivers had perennial flow throughout much of their courses and were in parts unchanneled and lined with galeria forests of willows and cottonwoods; marshes (*ciénagas*) and stands of mesquite and sacaton covered large areas of bottomland; wildfires were fairly common; the ponderosa pine and mixed-conifer forests had uneven-aged stands and open understories; malaria was rampant in certain areas; fish were plentiful; and antelope, prairie dog, grizzly bear, otter, beaver, and wolf were abundant.<sup>42</sup>

## VIRGIN HYDROLOGY

### Surface Hydrology

The water supplies that are experienced today in the Central Arizona Basin are, but a remnant, of what was available before the Anglo-American intrusion into the watershed. The Gila River system has changed, and is changing, in response to changes in the watershed from

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<sup>40</sup>USGS 1943, 9-10; Stetson Engineers 1987, 19.

<sup>41</sup>Lowe, editor 1976, 30.

<sup>42</sup>Bahre 1991, 4.



groundwater pumping, irrigated lands, overgrazing, stockponds, and many other factors. Considerable effort has been spent by various government agencies to determine the predevelopment, or virgin, flows of the Gila River system were or what the flows of the rivers would have been without human activities. These studies used different methodologies and different periods of time for their computations but achieved similar results.

### **Average Virgin Flow at Gillespie Dam**

Gillespie Dam has been chosen as the first place for consideration because Gillespie Dam encompasses the total of all waters available to the Reservation and because numerous data are available at this location.

### **The White Book**

The United States Bureau of Reclamation ("BOR") in November 1952 published the "Report on Water Supply of the Lower Colorado River Basin".<sup>43</sup> This report was initially bound in a white cover and is known in the BOR as the "White Book." Supplements to the "White Book" were published in November 1953<sup>44</sup> and again in October 1963.<sup>45</sup> In this report, all three sections will be referred to collectively as the "White Book". In addition to the "White Book", eight file boxes of supporting materials were also compiled by the Bureau of Reclamation but not published. These data have been reviewed by Gookin Engineers, Ltd. to aid in their understanding of the "White Book".

The "White Book" represents approximately 15 man-years of work and is the most comprehensive study ever made concerning the virgin flows in the Lower Colorado River

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<sup>43</sup> USBOR 1952.

<sup>44</sup> USBOR 1953.

<sup>45</sup> USBOR 1963b.

Basin.<sup>46</sup> The extent to which human activity in the watersheds of the Lower Colorado River Basin has progressively altered the natural flow of the river was studied in greater detail in the "White Book" than at any time before or since. The "White Book," though not perfect, is the best study available.

The "White Book" procedure for computing the virgin flow that would have occurred had it not been for human depletions, consisted of examining certain factors:

- The impact of reservoirs.
- The amount of human use of water upstream.
- The amount of water placed into the stream by groundwater mining and the amount of water withdrawn from the stream to replace water mined in prior years.
- The amount of water removed from and the amount of water replaced in the stream through inter-basin transfers.
- The amount of changes in streamflow losses in the river channels.
- The amount of changes in use by native vegetation.

The sum of all human-caused depletions of water from the stream minus the sum of all of the human-caused replenishments to the stream equals the net depletion.

As a result of making the adjustments outlined above, the "White Book" computed their virgin flow at various points for the entire Lower Gila River system including the annual virgin flows at Gillespie Dam. The average virgin flow at Gillespie Dam was 1,792,800 acre-feet per year. Figure 2-7 shows the historic and virgin flows for 1914 - 1958 at Gillespie Dam.

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<sup>46</sup> Personal Communication with W. S. Gookin, Sr.

# Flows at Gillespie Dam --- White Book

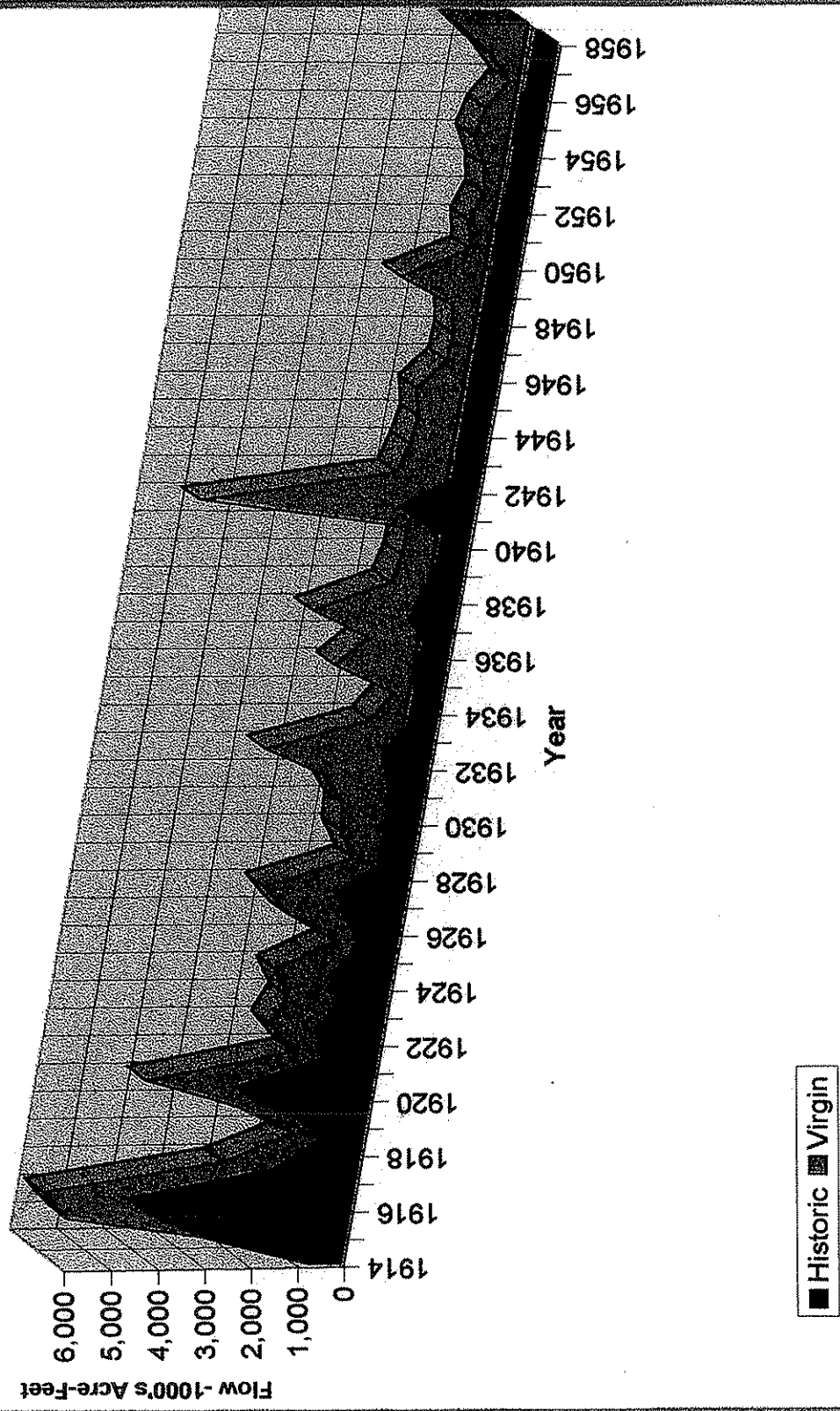


Figure 2-7

## Blue Book

An earlier document that attempted to quantify virgin flow was the "Blue Book". The "Blue Book" was published by the United States Department of Interior in July 1947 and is entitled "The Colorado River, 'A Natural Menace Becomes A National Resource'".<sup>47</sup> The description of virgin flow calculations is contained in Appendix I to that report. Although not specifically referenced, it appears that the "Blue Book" analysis was based on the procedures set forth in a report by the Bureau of Reclamation in 1934.<sup>48</sup>

The procedure used in the "Blue Book" to calculate virgin flow can be summarized as follows:<sup>49</sup>

- Extend the recorded flow of the Salt River at Granite Reef and the Gila River at Kelvin.
- Estimate the unmeasured inflows below the gaging stations at Granite Reef and Kelvin. (Estimated as being equal to 45 percent of the annual unregulated flow of the Verde River at its mouth.)
- Adjust the records of the Salt River at Granite Reef for reservoir effects and upstream depletions of 12,000 AC-FT/YR by irrigation.
- Flows above Kelvin were adjusted for reservoir effects and a varying amount of depletion shown as follows:

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<sup>47</sup> USDOJ 1947.

<sup>48</sup> California Exhibits of the Defendant 1957.

<sup>49</sup> USBOR 1947.

Year	Depletion Above Kelvin
1899	42.000
1909	85.000
1922	77.000
1933	79.000
1943	79.000

Channel losses for the Salt River through the Phoenix metropolitan area and the Gila River through the Gila River Indian Reservation area were computed based on records for the reach below Gillespie Dam. The result showed the estimated virgin flow. The "Blue Book" contains much less detail than the "White Book". The "Blue Book" provides some data for the period prior to 1914 going back as far as 1897. The entire period of record contained in the "Blue Book" is 1897-1943. The Debler Report extends the records back to 1895.<sup>50</sup>

The Blue Book computed that the virgin flow at Gillespie Dam was 1,752,000 AC-FT.<sup>51</sup>

Figure 2-8 shows these flows.

### **Dendrochronology Studies**

Dendrochronology is the science of studying tree rings in a region to determine and date past climatic and other events in that region. Each year a tree adds a layer of wood to its trunk and branches, thus creating the annual rings we see when viewing a cross section. New wood grows between the old wood and the bark. In the spring, when moisture is plentiful, the tree devotes its energy to producing new growth cells. These first new cells are large, but as the summer progresses their size decreases until, in the fall, growth stops and cells die, with no new growth appearing until the next spring. The contrast between these smaller old cells and next year's larger new cells is enough to establish a ring, thus making counting possible.

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<sup>50</sup> California 1957.

<sup>51</sup> USBOR 1947.

# Annual Flows at Gillespie Dam - Blue Book

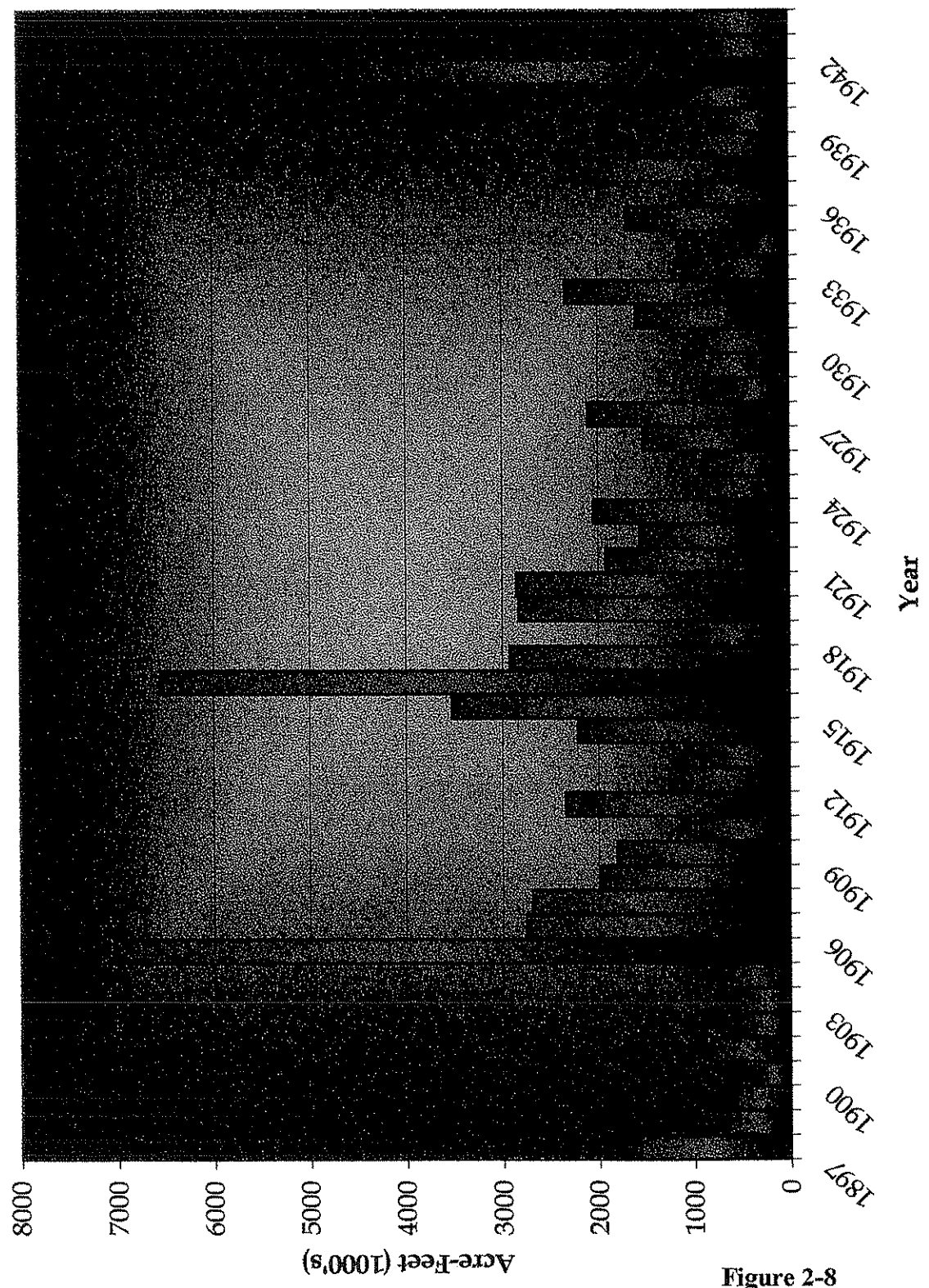


Figure 2-8

By analyzing tree rings, it is possible to construct data relating to a wetness index for the geographic region. A wetness index is computed by using rain gages for the region in question and dividing the annual rainfall by the average rainfall for each station. This computation gives a value for each rainfall station whether the rainfall was 110 percent of normal or 80 percent of normal. If more than one station is active in a given year, the percentages of normal calculations are averaged. Therefore, wetness indices are the rainfall expressed in percent of average. Wetness indices are used to help minimize the affect of rain gage stations going on and off-line. If there are two rain gage stations in a watershed with one near a mountain peak and the other in a valley, the rainfall will be substantially greater near the mountain peak than in the rainfall in the valley. Thus, if the actual data for rainfall were used, an apparent drought would appear during the time when just the valley gages were used. A moderate time would be when both gages were on line. A flood or wet period would appear to be existing when only the mountain peak gage is on line. The bias of which rain gage is being used can be greatly reduced by dividing by the averages.

Using statistical techniques, annual wetness indices can be compared to virgin flows. These tree ring reconstructions provide a basis for estimating long-term virgin flows. Two reports are of primary significance to the Gila River system. A 1981 report prepared for the Army Corps of Engineers by Lawrence P. Smith<sup>52</sup> concentrated on reconstruction of the history of the streamflow for the Salt River at Roosevelt Dam and the winter flow of the Verde River below Tangle Creek. An article by Meko and Graybill<sup>53</sup> reconstructs the virgin flow for the Gila

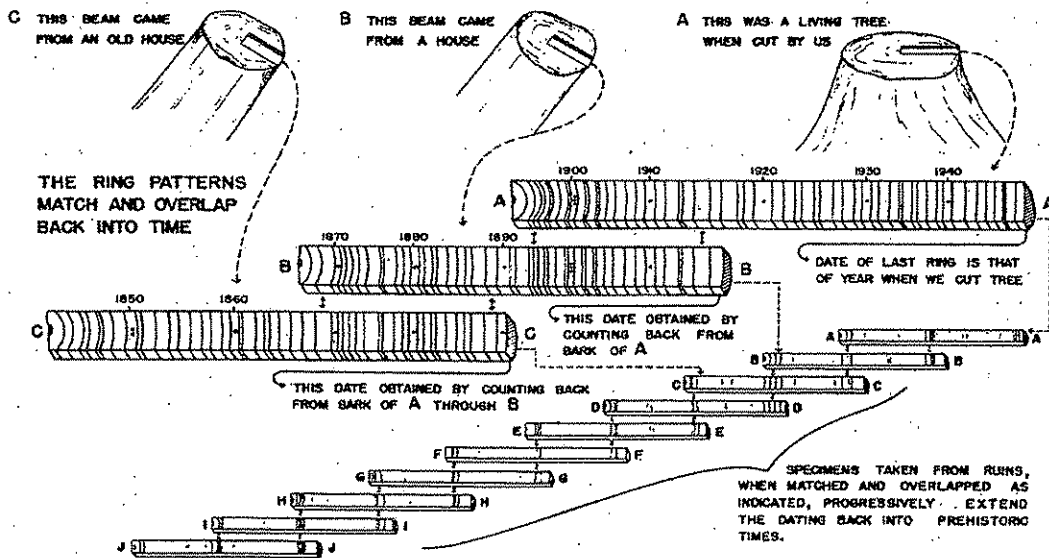
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<sup>52</sup> USACE 1981.

<sup>53</sup> AWRA 1995, 605-616.

River at the head of the Safford Valley. Collectively, these studies will be referred to as “Tree Ring Studies” in this report.

The climatic change or patterns in specific geographic areas can be traced by the study of trees. Samples taken from trees of unknown age are studied and compared to samples from trees with known sequences of growth. When the rings “match” or are found to be overlapping in age, the dendrochronologist can determine and date past climatic and other events.<sup>54</sup> Comparing different samples can make a chronology (arrangement of events in time). Using a boring tool, a



long slender core sample is extracted.

If a sample is taken from a beam in an old house and its outer growth rings are compared with the inner rings of a living tree, a match may occur. If a pattern of individual ring widths in the two samples prove to be identical at some point, they can carry dating further into the past.

<sup>54</sup> Stokes and Smiley 1996, 6.



Many other factors are considered in dendrochronology. Growth can be affected by slope gradient, sun, wind, soil properties, temperature, and snow accumulation. The more a tree's rate of growth has been limited by such environmental factors, the more variation in ring to ring growth will be present.

The average of all data provides the best estimate of climate averages. A large portion of the effects of non-climatic factors that occur in the various site data is minimized by this averaging scheme.

Dendrochronological studies did not provide virgin flow estimates at Gillespie, Kelvin, or the Salt River at Granite Reef. However, the USGS took these data and extrapolated the virgin flow at Kelvin and Granite Reef Dam from the information in the tree ring studies. The conclusion was that the virgin flow at Granite Reef was 1,250,000 AC-FT<sup>55</sup> and the virgin flow at Kelvin was 500,000 AC-FT.<sup>56</sup>

Figure 2-9 shows the virgin flow estimates by various sources for Gila River at Gillespie Dam. Median river flows are only relevant to analyze the portion of the river that can be diverted without storage. A more appropriate number to be used in regulated systems is the average flow. This is because a dam helps to regulate the flows. The storage dam will capture the large floods which are largely unusable due to the high flows, or because they arrive in a period of low demand, then release those flows at a rate more conducive to agriculture.

Inflow does not represent the total amount of water that can be diverted. Unless the use to which the water is being placed is 100% consumptive, there will be return flows to the river and seepage to the ground water. Agricultural and most municipal and industrial purposes have

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<sup>55</sup> USGS 1991, 32.

# Comparison of Virgin Flow Estimates at Gillespie Dam

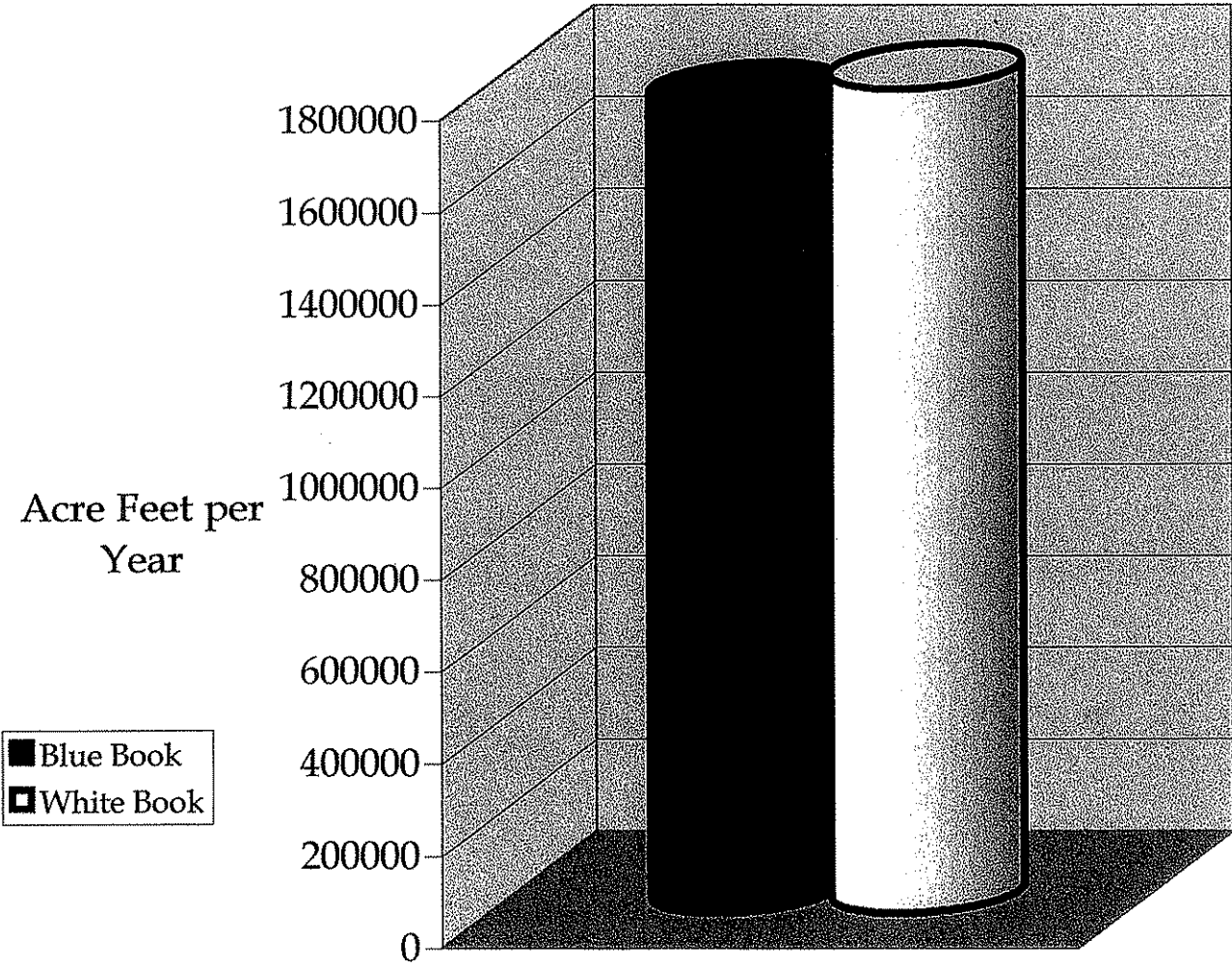


Figure 2-9

substantial amounts of recharge and return flows. Over 1,000,000 acre-feet of additional usable water would be available in the Central Arizona Basin as groundwater, return surface flows, or re-emerging surface flows.

By adding in the return flows and groundwater recharge into the riverflows, more diversions are able to be fulfilled. The divertible and/or pumpable supply of the rivers is substantially higher than the total claim by the Gila River Indian Community or the United States.

#### **Division of the Virgin Flow Into Reaches**

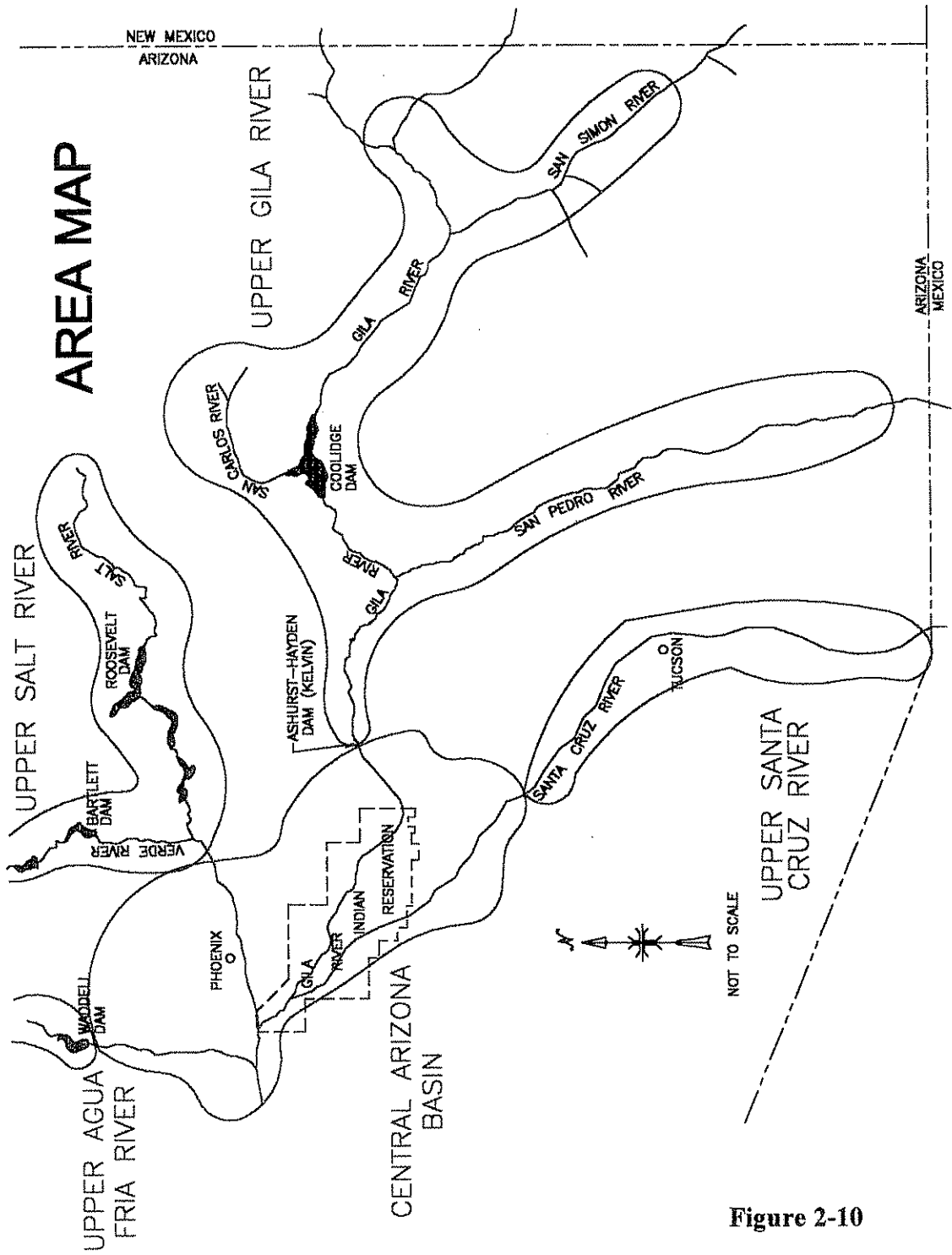
Gillespie Dam is located downstream from the Gila River Indian Reservation. The virgin flow estimates generated for the Gila River at Gillespie Dam include all waters available to the Reservation plus additional inflows and minus additional losses downstream from the Reservation.

#### **Virgin Flow of the Upper Reaches**

The "White Book" computes the virgin flow of the upper reaches at Rillito, Kelvin, Granite Reef Dam, and Lake Pleasant (Waddell Dam). These reaches are shown in red in Figure 2-10. For two of the sites, other sources also computed the virgin flow. The comparison between sources is very good and is presented in Figure 2-11. The results are as follows in Table A.

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<sup>56</sup> USGS 1989, 31.



**Comparison of Virgin Flow Estimates**

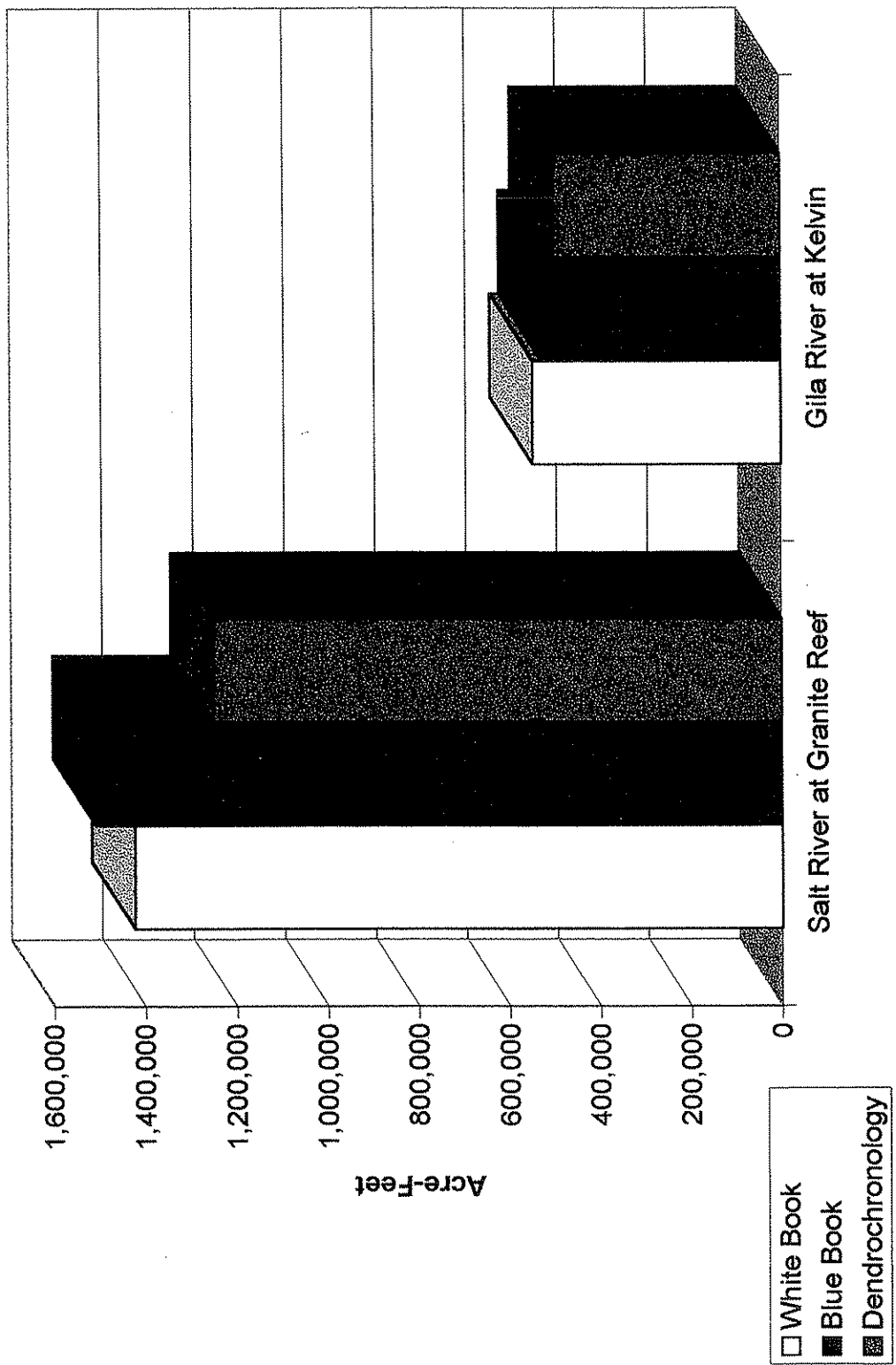


Figure 2-11

TABLE A VIRGIN FLOW FOR UPPER REACHES	
Reach	Virgin Flow (AC-FT)
Upper Salt and Verde Rivers	1,423,800 <sup>57</sup>
Upper Gila River	546,800 <sup>59</sup>
Upper Santa Cruz River	44,200 <sup>58</sup>
Upper Agua Fria River	129,500 <sup>58</sup>
SUBTOTAL	2,144,300

### Accuracy of Virgin Flows

Several management and technical factors limit the computation of virgin flow. Management limitations include time, manpower, and financial resources. Technical limitations include availability of pertinent and continuous data, applicable research, and the knowledge and experience of the investigators. The "White Book" is the most comprehensive effort to date to determine virgin flows of Arizona's major river systems. The "White Book" involved dozens of investigators working over a period of five years. Even with that effort, certain factors were not evaluated in the preparation of the "White Book". Measurement error and environmental changes are not evaluated in the "White Book".

### Measurement Error

The "White Book" relies heavily on the historic records measured by the United States Geological Survey ("USGS") at the various gaging sites. Stream gage measurement is as much an art as a science and the accuracy of the data depends in large part upon the quality of the station and the effort spent by the gaging agency in maintaining the station. Most gages are operated and maintained through cost sharing agreements by the USGS. There is no known way

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<sup>57</sup> USBOR 1952, 194.

<sup>58</sup> USBOR 1952, 192.

to compensate for the error and thus, the records are taken at face value. One factor that does help in the analysis of streamflow data is that while individual days may have errors of 10 percent to 30 percent or greater, the errors tend to cancel out. Thus, the error for any given year will be a lower percentage than for a single day and the error for an average of a multi-year period will be even lower.

### **Environmental Changes**

As will be discussed later, human activities have considerably impacted the watersheds. There have been extensive periods of overgrazing and the killing of the beaver. These factors have had limited impact on the total water supply available. The impact on the nature of the water supply has been substantial. The Gila River as it existed before development was a placid, and perennial, stream that only dried up immediately downstream from the points of diversion by the Pima and Maricopas. The unregulated rivers today tend to have brief destructive floods instead of sustained useable river flows. Where a rainstorm might cause 1,000 cfs of water to flow past an area for ten days before the devastation, the storm will now cause 10,000 cfs of water to flow past in a single day. The 1,000 cfs of water over several days can be diverted and used to a great extent. The single-shot 10,000 cfs of water goes by so quickly that only a small portion of the water can be used. In addition, the 10,000 cfs of water can wash out the brush diversion dams and hurt the farmer's ability to take later flows.

### **PRE-DEVELOPMENT GROUNDWATER**

In the years prior to extensive groundwater development and irrigation, the groundwater in the area had reached a point of virtual equilibrium. There was some inflow from mountainfront recharge, and some inflow from the irrigation of the Indians. The various

riverbeds recharged the basin. Underground inflows to the area, that would become the Reservation, were from several places, but generally moving from the south and southeast.

Primarily ground water moved into western Pinal County from three general localities. (1) From the Picacho Mountains to the Gila River underflow moved toward Coolidge; included in this is the recharge from the Gila River. (2) Ground water moved northwestward into the basin through a constricted channel between the Silver Bell Mountains and Picacho Peak. (3) Ground water moved into the western part of the basin from the Santa Rosa and Vekol Washes.<sup>59</sup>

The outflows from the Reservation were mainly to the northwest. The groundwater flows were forced to the surface in places and exited the area as surface flow in the Gila River. The two primary points of re-emergence were between the Santan and Sacaton Mountains, near the town of Sacaton, and again between the Sierra Estrella and Salt River Mountains, in the vicinity of Gila Crossing. A narrowing of the aquifer caused the re-emergence, as the mountains raised the bedrock levels forcing the water upward.

The main avenue of underflow out of the basin was along the alluvial-filled channels of the Santa Cruz and Gila Rivers. However some underflow was forced to the surface in the narrow channel between the Santan and Sacaton Mountains and left the area as surface flow in the Gila River. Some ground water was discharged by evapotranspiration between the Salt River Mountains and the Sierra Estrella.<sup>60</sup>

Predevelopment ground-water elevation contours . . . indicate that ground-water movement was primarily northwesterly through the subarea, with subsurface inflow generally originating from the Gila and Santa Cruz Rivers. Subsurface outflow was mainly to the Maricopa-Stanfield and Komatke-Sacaton subareas to the west and north, respectively.<sup>61</sup>

Groundwater will generally flow along the bed of a river, through the gravels and sands beneath the riverbed. This is generally true throughout the Gila River system. One notable exception is the area between the Phoenix Mountains and the South Mountains. There is a

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<sup>59</sup>USGS 1965a, 28-29.

<sup>60</sup>USGS 1965a, 29.



significant bedrock barrier that is near to the surface. This forms a row of mountains beginning with Mummy Mountain to Camelback Mountain to the Papago Buttes, to the Tempe Buttes, then to the Bell Butte where the Pointe Resort is located, to the South Mountains and ending at the Sierra Estrellas. This forms an underground “reef” which does two things. First, groundwater re-emerges at this point, and flows along the bed of the Salt River. Second, a portion of the groundwater turns south and moves through the gap between the South Mountains and the San Tan Mountains, and joins the underflow of the Gila River.<sup>62</sup> The only other outlet from the eastern portion of the Central Arizona Basin is the Gila River as it passes between South Mountain and the Sierra Estrella Mountains. Here water will leave both as underflow and emergent groundwater. All these groundwater movements are shown on Figure 2-12.

The prehistoric Hu hu gum, (also known as “Hokokam”) ancestors of the Pima Indians of today, irrigated extensively throughout the Central Arizona Basin. The groundwater, throughout the pre-Reservation period, was quite close to the surface, often less than 50 feet. This facilitated the growth of the mesquite trees that the Hu hu gum, Pima, and Maricopa Indians relied upon for their livelihood. The high water table was beneficial to man-made uses as well, allowing for hand dug wells to provide irrigation and domestic water.

The Pimas and Maricopas were heavily reliant upon the mesquite trees for their livelihood. The mesquite tree provided food, building material, fuel, and a variety of other products that contributed to the prosperity of this tribe. The useful mesquite trees tended to congregate in bosques that lined the river bottoms and areas of shallow groundwater.

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<sup>61</sup> USBOR 1977, 19.

<sup>62</sup> USGS 1905.

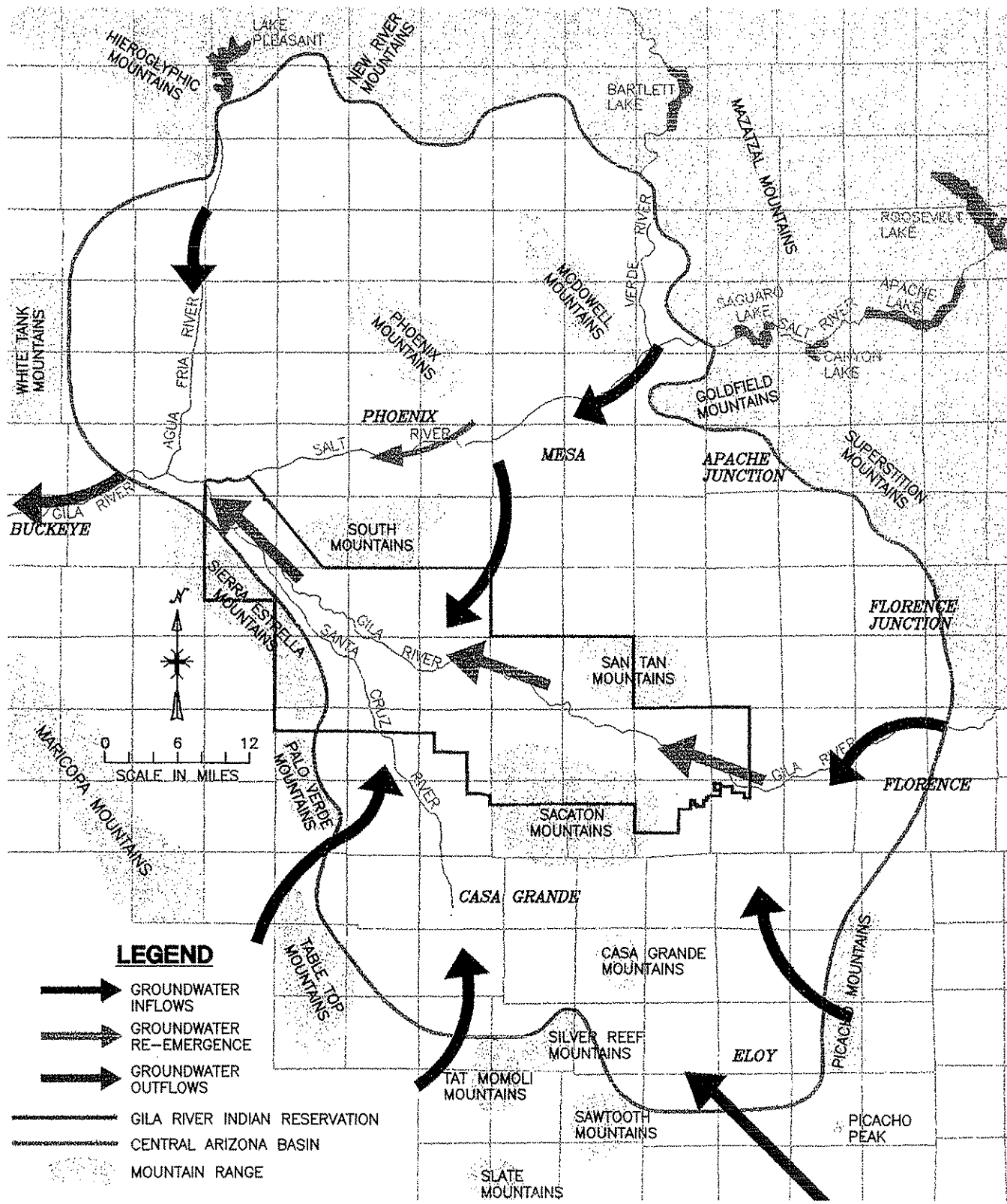
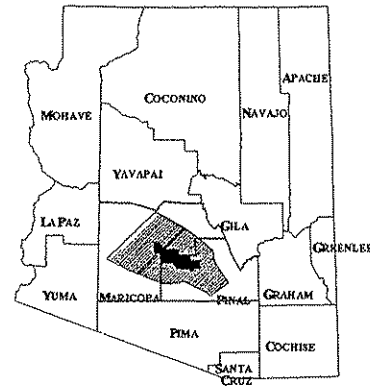


Figure 2-12

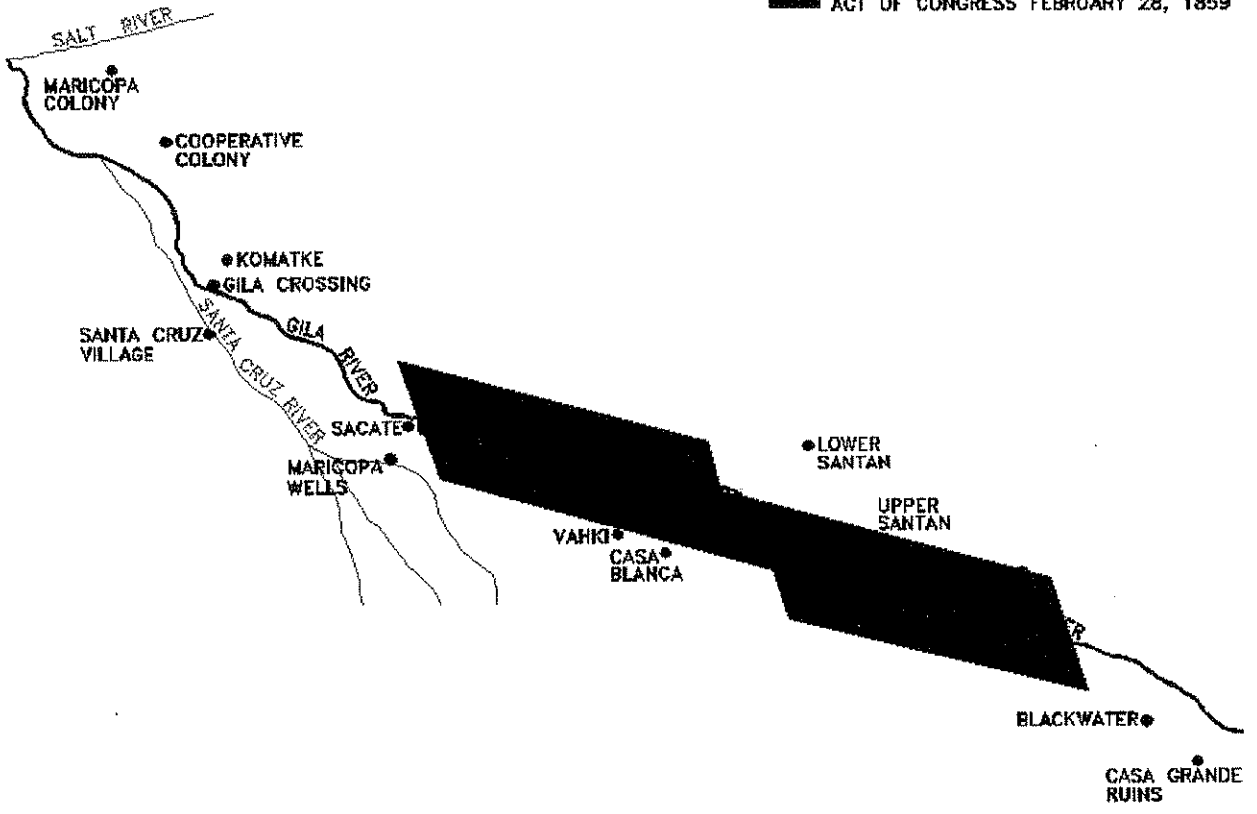
During the pre-Reservation period, the Pimas and Maricopas farmed quite effectively. Hand dug wells were used to provide water away from the river. These shallow wells were possible due to the shallow depth to the water table. This high water table also encouraged the growth of mesquite trees. The Pima-Maricopa Confederation had claimed a significant portion of central Arizona as their



territory, and defended it against their rivals. The map to the right shows the various counties of Arizona. The current boundaries of the Gila River Indian Reservation are shown in solid black. The area that was found in the Indian Claims Commission Docket No. 228 to be the area of the Pima-Maricopa Confederation is shaded on the map.

LEGEND

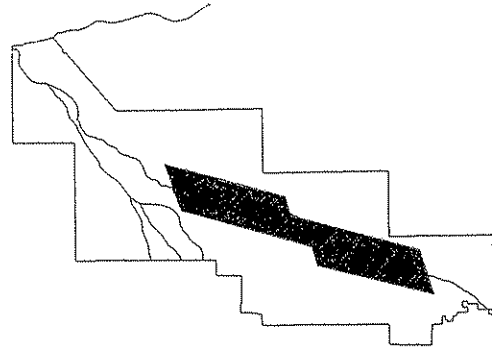
■ ORIGINAL RESERVATION  
ACT OF CONGRESS FEBRUARY 28, 1859



## CHAPTER 3

### THE 1859 RESERVATION

The Gila River Indian Reservation was created in 1859 by an Act of Congress. The acting Commissioner of Indian Affairs Charles Mix, had recommended making a reservation of 240,000 acres for the Pima and Maricopa Indians<sup>1</sup>. Congress, however, chose to make a reservation of only 64,000 acres. In ordering the survey that would create the Reservation, Lieutenant Sylvester Mowry stated that the boundaries should be set so as to “secure their lands all privilege of irrigation, without fear of interruption in all time to come.”<sup>2</sup> In addition, Congress authorized the sum of \$10,000 to purchase gifts for the Indians. In enacting that provision, the federal government spent the money on farm implements and other tools for the Indians. The 1859 Reservation is shown to the right in black relative to the size of the current Reservation.



The Reservation was also created to prevent encroachment, primarily by the Butterfield Overland Mail Company. The Butterfield Overland Mail Company was running wagons and stagecoaches out of a station east of the newly created Reservation. They had invested money in building wells at Blue Water between Picacho and the Gila River. They also had relay stations at Sacaton and Maricopa Wells. The Pimas and Maricopas were farming efficiently along the Gila River in the Central Arizona Basin at this time. Building additional wagon stops for the Butterfield Overland Mail Company would have deprived a number of Indians of their

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<sup>1</sup> USOLA 1858.

traditional homes and farms, as towns would grow around the wagon stop, and result in more and more Indians being dislocated.

As laid out, the Reservation encompassed 25 miles along the Gila River in a swath 4 miles wide. This Reservation encompassed many of the irrigation features of the Pimas, but none of the irrigation features of the Maricopas existing at the time. The Reservation did not encompass a critical hydrologic area, the Blackwater area, which led to difficulties in the future. The Reservation did include the *Shodak Shon*, a spring which provided some water for irrigation. The villages primarily served by this *shon* were *Shodak Shon*, *Va-aki* and *Ska'kaik*.<sup>3</sup>

The Gila River, at that time, was clearly the primary source of supply for the Pimas and Maricopas. As a source of water, the Gila River was little changed from its condition back in 1604 when it was called the "Río del Nombre de Jesus". In 1694, Father Kino gave the Gila River the name "Río Grande de Gila".<sup>4</sup>

The Gila River upstream from Kelvin has major tributaries of the San Pedro, the San Simón, the San Carlos, and the San Francisco Rivers. Prehistoric irrigation apparently occurred in the Safford Valley. Remnants of later prehistoric cultures show crops such as maize, beans, and pumpkins were grown.<sup>5</sup> Some of the present canals are located along the same general routes as the prehistoric canals.<sup>6</sup>

Early accounts on the mainstream of the Gila River are sketchy, since most travelers generally bypassed the region. Except for the San Pedro River, the upper Gila River basin was

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<sup>2</sup> Mowry April 26, 1859, 23.

<sup>3</sup> Dobyms, 1998a, 53-57.

<sup>4</sup> Jaeger 1957, 66.

<sup>5</sup> USBOR 1963b, 95.

<sup>6</sup> USEO 1945a, 6.

one of the last areas explored by the Spanish.<sup>7</sup> In 1697, Father Kino found more than 2,000 Indians in the San Pedro River valley irrigating farmland.<sup>8</sup> Generally, development in the region was limited due to the Apache threat. The Apaches also practiced limited irrigation along the Gila River system.

The general characteristic of the Gila River before Anglo-American development was considerably different than it is today. The river was perennial with the exception of a very few short stretches where the Pimas and Maricopas had diverted the entirety of the river. The major tributaries were also in a mostly perennial state. The Gila River near Geronimo was described as a "deep and reedy stream".<sup>9</sup> The San Pedro River generally was described, by numerous people, as being lush with numerous ciénegas. The flow was described as being steady and marshy.<sup>10</sup>

Records do exist that beaver trappers worked through the Gila River area. The beaver trappers had trapped out the region so that the moderating impact of the beaver dams was no longer in place. There was limited mining in the area at the Santa Rita del Cobre mine, east of the present Silver City.<sup>11</sup>

The beaver, *Castor canadensis*,<sup>12</sup> North America's largest rodent, lived in streams across the continent when the white men came. Trappers and mountain men came across the country, far in advance



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<sup>7</sup> USBOR 1963a, 4.

<sup>8</sup> USGS 1973, 5.

<sup>9</sup> USBLM 1987, 21.

<sup>10</sup> USBLM 1987, 21-22.

<sup>11</sup> USBOR 1963a, 5.

<sup>12</sup> Peterson, 1955, 666.

of the settlers, to meet the demand for beaver pelts, especially for export to Europe's hatmakers. "Beaver pelts soon became a widely recognized standard of exchange. In the 1780's, 12 skins bought a four-foot gun."<sup>13</sup>

A small trapping party headed by Sylvester Pattie first trapped beaver from the west fork of the Gila River in December 1825.<sup>14</sup> The party had hired two local guides at the Santa Rita del Cobre mines who led them to this part of the Gila River Watershed. According to journal accounts "we caught thirty beavers, the first night we encamped on this river."<sup>15</sup> Winn cites from Pattie's journal:

The next morning accompanied by another man I began to ascend the bank of the stream to explore ...the first day we were fatigued by the difficulty of getting through the high grass which covered the heavily timbered bottom.<sup>16</sup>

In January of 1826, Sylvester Pattie and his son, James, began to trap beaver along the San Francisco River, which is a tributary of the Gila River. They caught 37 beaver their first day on that stream. The party spent two weeks trapping along the San Francisco River and got 250 beaver pelts.<sup>17</sup>

The Patties' stories about their trapping successes prompted a rush of trappers into the Gila River basin. No less than four different trapping parties, with permits issued by the New Mexico governor, Antonio Narbona, entered the Gila River Watershed in the fall of 1826.<sup>18</sup>

The trapping of beavers is significant because the beaver ponds along the creeks and rivers slowed floodwaters and precipitated sand and gravel carried by the run-off waters. With a

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<sup>13</sup>Peterson 1955, 677.

<sup>14</sup>Winn 1926, 16-17.

<sup>15</sup>Thwaites, editor 1905, 87; Dobyns 1981, 107.

<sup>16</sup>Winn 1926, 17.

<sup>17</sup>United States Congress. Senate 1965, 61.



healthy beaver population, the dams were kept in constant repair and the ponds could function to provide a more regular flow.

The Central Arizona Basin is an arid region in which irrigation must be performed in order to practice agriculture. In order to irrigate successfully in an arid region, a steady stream of water must be obtained. As discussed earlier, the Pimas and Maricopas double-cropped. The cropping pattern of the Indians was dictated by the precipitation patterns. The winter precipitation and the resulting snowmelt provided a sustained, late winter, early spring flow. The summer rains are very spotty, short and intense. The size of the watershed tends to help even out this flow, since the water from a storm that occurs on one creek may pass by before the water from a storm on another creek enters the river. The presence of beaver dams would also help smooth out the water flow. Beaver dams can also provide for a substantial amount of water storage.

...The value of the dams built by those intelligent animals is well illustrated by the following article entitled "When Beavers Aid Irrigation," by Ivan E. Houk:

The natural trait of beavers to build dams for the protection of their homes has long been known, but it is only recently that its economic value has been recognized for irrigation work. The United States Forest Service, in a recent survey of the Cochetopa National Forest, near the San Luis Valley, Colo., made by Fred Agee, United States forest supervisor of Salida, found that the water stored above the dams in that forest alone amounted to 1,241 acre-feet; that is, enough water to cover 1,241 acres 1 foot deep—the equivalent of 24,000 Colorado statute inches running for 24 hours, or enough to irrigate 30,000 acres of land for one day.

Mr. Agee's survey, which was carefully and thoroughly conducted, showed that in the Silver Creek Valley alone 46 dams were located in a total length of about  $5\frac{3}{4}$  miles. These dams averaged about 660 feet apart, although they generally occurred in groups with a somewhat closer spacing. In some case the water was backed up above the dams to depths as great as  $5\frac{1}{2}$  feet...

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<sup>18</sup>Thwaites, editor 1905, 99.

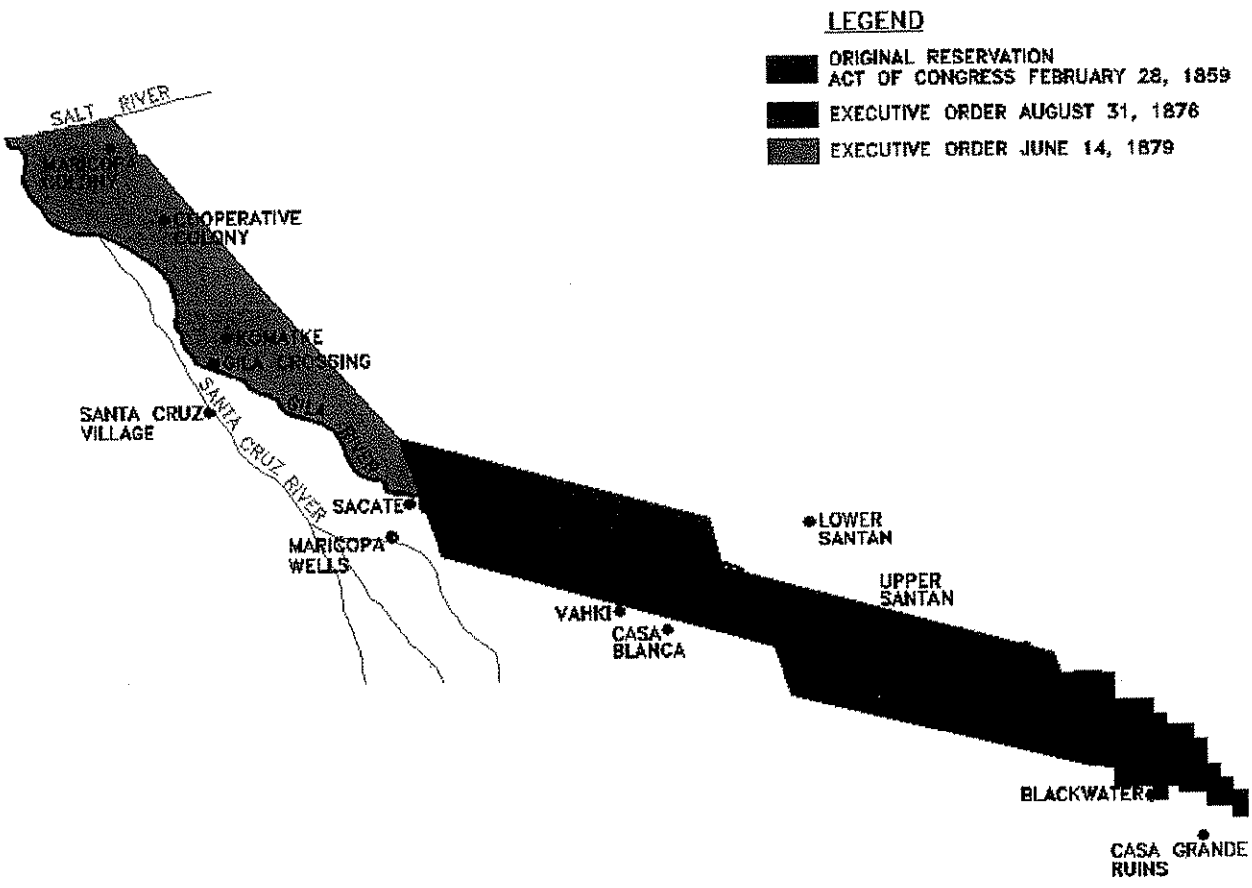
Consequently, it is evident that the value of the beaver as an aid to irrigation is of no minor importance.<sup>19</sup>

This large amount of storage behind a beaver dam would affect the runoff in two ways. First, the dams built by the beavers leaked. The water in storage can help provide a slow, steady, component downstream from the dam. The second impact is that, even if the beaver reservoir is full, a wedge of storage forms as the water enters and exits the reservoir. This wedge is called the superelevation and will operate to create a dampened streamflow. This dampened streamflow improves the reliability of the river flow and hence, its divertability. Other than this impact, the 1859 Reservation received water in virtually its virgin state.

The 1859 Reservation contained much, but not all, of the irrigated lands of the Pimas. The 1859 Reservation did not include the lands of the Maricopa Indians and their irrigation, located on the Gila and Salt Rivers in the general vicinity of the confluence. The 1859 Reservation also did not include the important *sTjuk shon* called Blackwater. This *shon* was a major diversion point for the Pimas. Water from this diversion entered into a canal called the Little Gila Canal. Remnants of the Little Gila Canal can still be seen today as the Casa Blanca Canal. At the time explorers were traveling through, the Little Gila Canal was at times thought to be a natural river.

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<sup>19</sup> United States Congress. Senate 1965, 61.



1879  
Expansion

## CHAPTER 5

### THE 1879 EXPANSION

The drought of the 1870s had forced severe economic times upon the Pima-Maricopa Indians. The United States Court of Claims stated that the summer crop had failed every year from 1872 through 1879. In 1878 and 1879, the winter crop also failed-providing two years with no successful cropping<sup>1</sup>. The Pima-Maricopas were forced to harvest large quantities of mesquite pods in order to be self-sufficient. As is discussed in more detail in chapter 7, mesquite was a major source of food for the Pima-Maricopas. However, "in 1878, even the mesquite bean crop in the area of the reservation failed..."<sup>2</sup>

Securing the headwaters of the *sTjuk shon* (Blackwater area) in 1876 had helped to resolve or prevent future conflict over the control of the primary headwaters and diversion point for the Pimas and Maricopas. The 1876 expansion did not eliminate the fundamental problem that most of the base flow of the river that had occurred upstream was being diverted and either used or wasted by the predecessors of the San Carlos Irrigation and Drainage District.

As the water supply failed, the Pimas and the Maricopas left the Reservation to find new water supplies to continue their agriculture. The Salt and Verde Rivers were still in good condition in 1879. Gookin Engineers estimates the total irrigated acreage on the upstream portion (north and east of Granite Reef Dam) of the Salt and Verde Rivers as being approximately 4,500 acres. The irrigated acreage on the lower Salt River totaled 39,053 acres.<sup>3</sup> While this is a

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<sup>1</sup> U.S. Court of Claims January 7, 1981, 94.

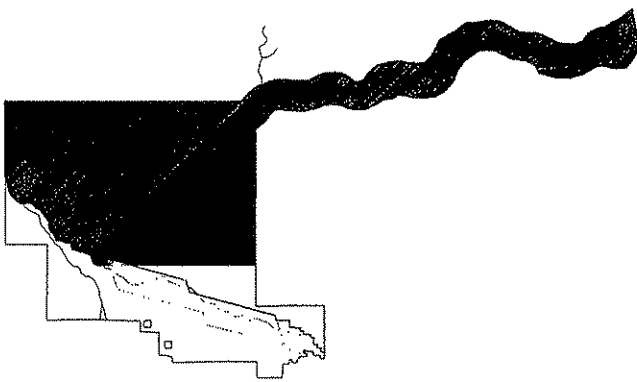
<sup>2</sup> U.S. Court of Claims January 7, 1981, 55.

<sup>3</sup> Appendix A. Summary Table.

substantial amount of irrigated acreage, the annual flow of the Salt River is over twice as large as the Gila River.

The Pima-Maricopa farmers near the Gila River-Salt River confluence have the advantage that the groundwater subflow from the Salt River is forced to the surface by the relatively narrow passage created by South Mountain, the Sierra Estrella Mountains, and the White Tank Mountains. This narrow passage forces the groundwater to resurface so that a fairly constant base flow is available. Even as late as the 1930s, Hodges documented the existence of base flow and reemergence in this area.<sup>4</sup>

In January of 1879, President Hayes expanded the Gila River Indian Reservation by over



650,000 acres. This Reservation expansion is shown to the left of the Salt River, with the previous Reservation in gray. This expansion encompassed much of what is now the metropolitan Phoenix area and followed the Salt River upstream to the Apache

Reservation. This expansion would have prevented the expansion of non-Indian agriculture in the Salt River Valley.

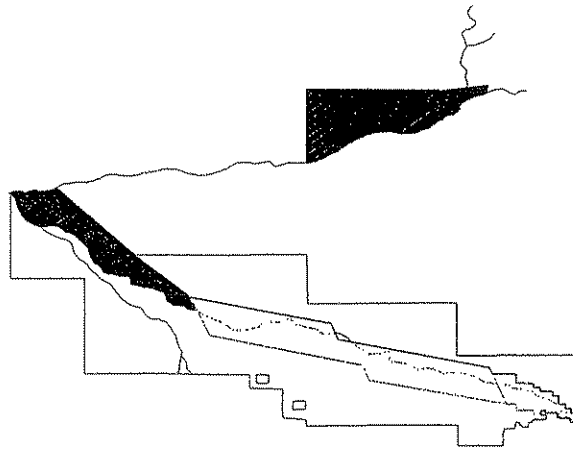
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<sup>4</sup> USIS 1939.

This Reservation, which was temporary in nature, is important in that it shows the intent of the government officials to give the Pima and Maricopa Indians a lot more land and control of their own water supply. As has already been explained, the Gila River was failing. Upstream development had ruined the river as a dependable water supply for the Pimas and Maricopas. The government was looking for a new water supply for these Indians. The decision to reserve the entirety of the Salt River, below the Apache Reservation, shows the government's interest in the Salt River as that "new" supply of water for the Pima and Maricopas. The panhandle portion of the expansion documents the government's intent. The two miles, on either side of the Salt River in this panhandle, contained very little land that was farmable, irrigable, or otherwise usable. This panhandle area consists of a fairly narrow canyon through which the Salt River flows. Currently, four dams owned by the Salt River Project occupy this area. Any other development along the Salt River in the panhandle is minimal. Given its tortuous terrain, it would be illogical to expect that the panhandle was reserved for the Indians to provide additional living area. It is reasonable to believe that the reservation of the panhandle area protected the Salt River from depletions of water by non-Indian diverters.

The complaints by developers and settlers about this January 1879 Reservation were so vocal that the Reservation was revised in June of 1879. The June 1879 Reservation expansion actually consisted of two parcels of land, one that is referred to as the 1879 Gila River Indian Reservation expansion ("1879 Expansion") and one that encompasses the Salt River Pima-Maricopa Indian Reservation. The 1879 expansion extended the Reservation northwards to the Salt River. The 1879 expansion provided easy access for the farmers near the confluence of the

Salt and Gila Rivers, to get water from the Salt River. The area of the 1879 expansion is shown to the right in black, with the previous reservation (ignoring the January 1879 expansion) in gray.



This 1879 expansion also included lands to the north of the *Komatke Shon*, located near the confluence of the Santa Cruz and Gila Rivers. The *Komatke Shon* is formed by the uprising of rock between the Sierra Estrella Mountains and the South Mountains. The water emerging in this area comes from three sources: the Santa Cruz, the Gila and the Salt Rivers. The Santa Cruz and Gila Rivers both flow through this gap. The Salt River underflows are blocked by an underground barrier formed by the chain of mountains beginning on the North with the North Phoenix Mountains, then Mummy and Camelback Mountains, Papago and Tempe Buttes, and finally the South Mountains. Due to this barrier, the underflow at the Papago-Tempe Buttes area (where Mill Avenue Bridge stands) did two things before extensive pumping. One, some water is forced to the surface and two, some heads south to join with the Gila River. The village of Kumatke was located in the 1879 expansion, with its fields served by the re-emergent groundwater from all three rivers.

### **PRACTICABILITY OF DIVERSION**

The expansion of the Gila River Indian Reservation northward to the Salt River was important, for it provided the Indians practical access to the flows of the Salt and Agua Fría Rivers. These waters could supply water to large acreages for the Pima-Maricopas.

The water from the Salt River could be easily diverted by locating a diversion dam near the westerly edge of the South Mountain area, providing a small pump lift, such as that used by the Roosevelt Water Conversation District today, and then running the canal along the northeasterly boundary of the 1879 expansion with laterals heading west from that boundary (Figure 5-1). A second technique to divert Salt River water would be to divert further upstream on the Salt River and, using gravity flow, locate a canal on the north and west sides of South Mountain. As the canal swings around the west end of South Mountain, it will serve the 1879 expansion area (Figure 5-2).

The diversion of water from the Agua Fría River would occur by a diversion on the lower extremities of the Agua Fría River. The canal would head southeast and cross the Salt River with an inverted siphon (an engineering term for a buried pipe under a river) to serve the 1879 expansion area with water (Figure 5-3).



# Pump System of Diversion from the Salt River

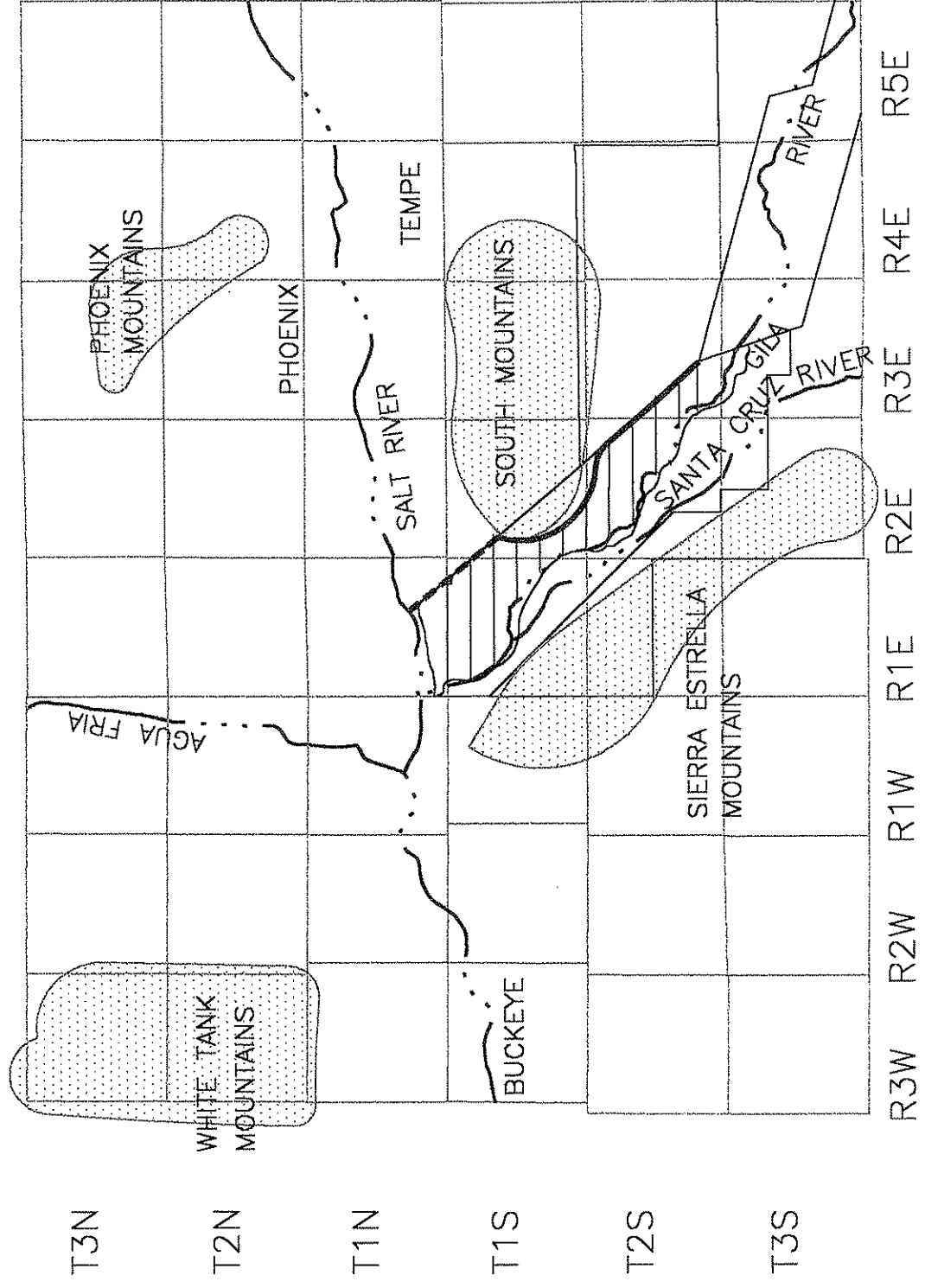


Figure 5-1

# Gravity System of Diversion from the Salt River

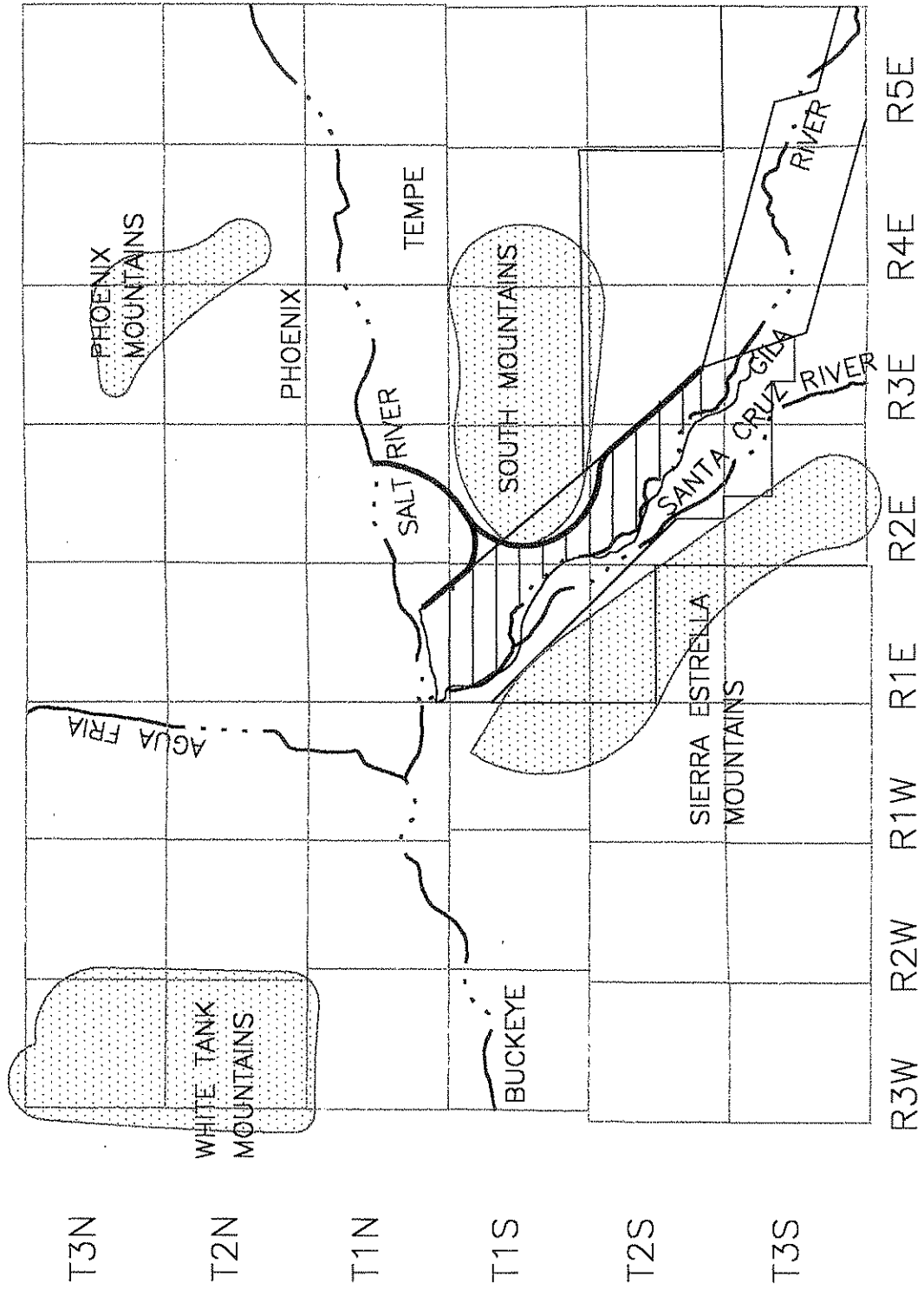


Figure 5-2

# Gravity System of Diversion from the Agua Fria River

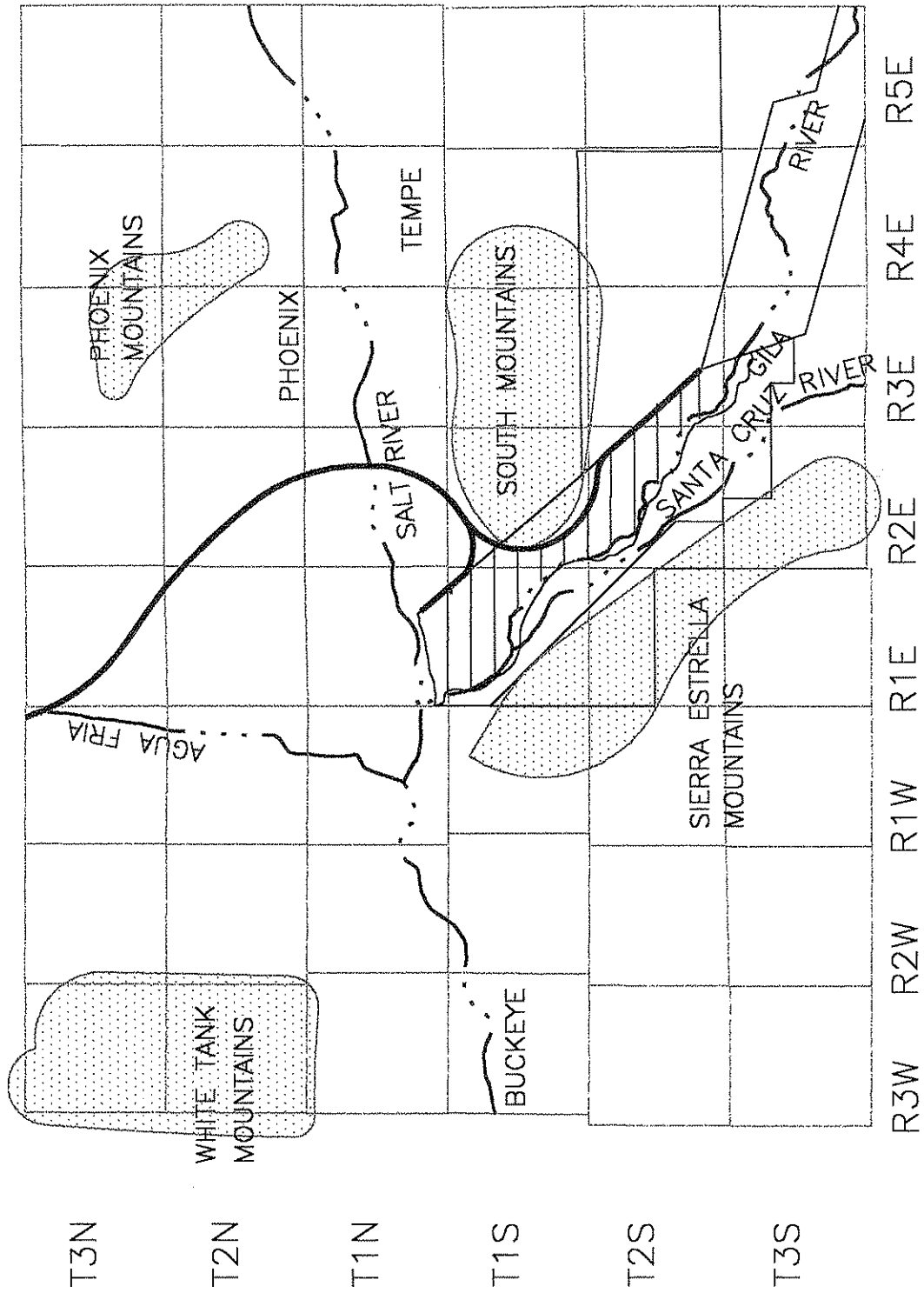
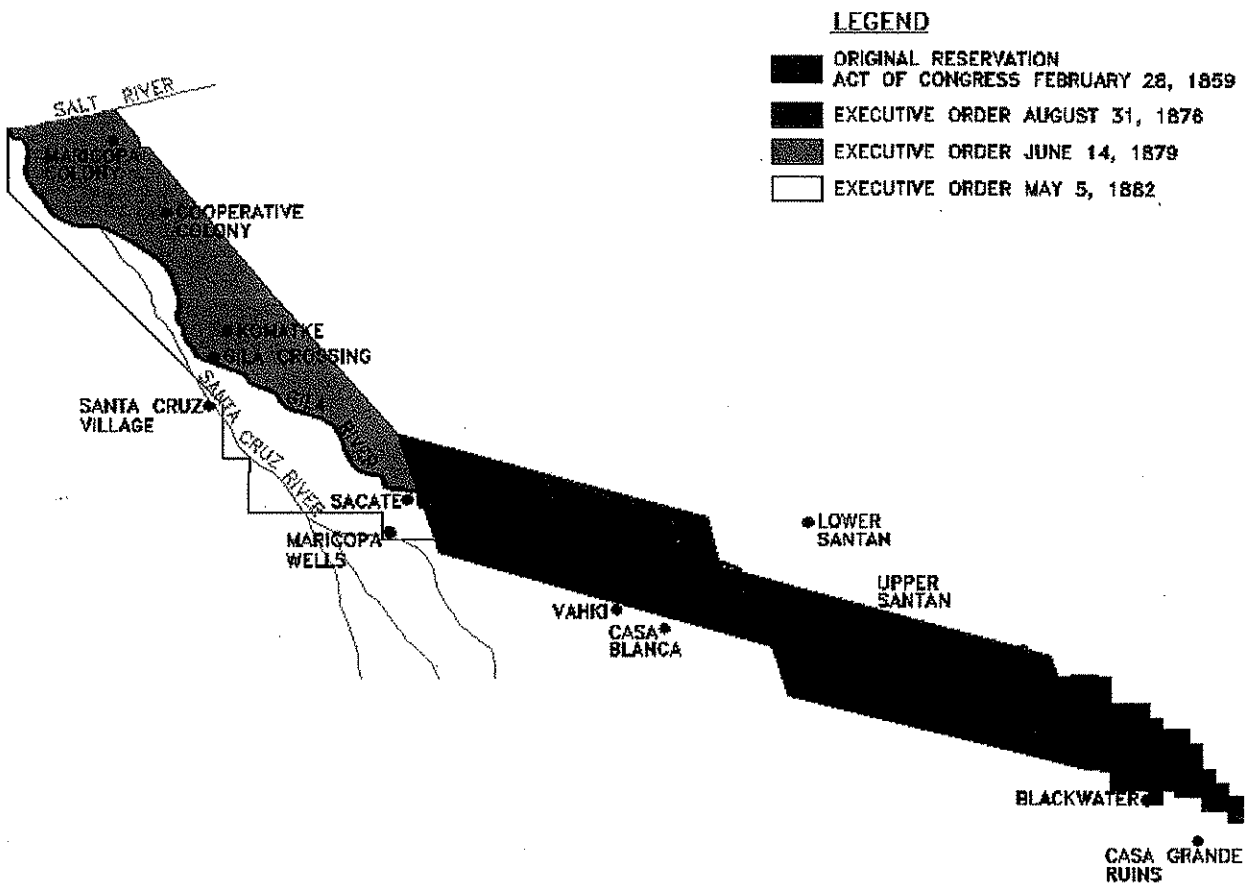


Figure 5-3

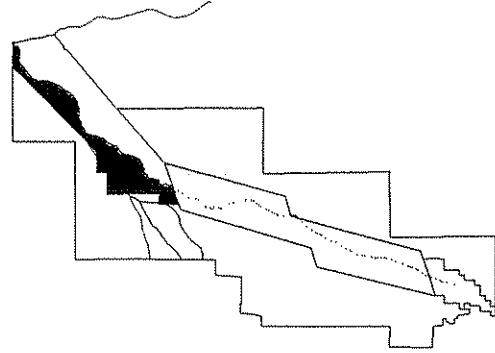


Expansion  
1882

## CHAPTER 6

### THE 1882 EXPANSION

The 1882 expansion to the Reservation is shown in black to the right. The previous Reservation is shown in gray. This new expansion secured the south bank of the Gila River on the opposite side of the 1879 expansion. This was important for a couple of reasons.



First, this expansion included a large amount of land around the Maricopa Wells region which was under cultivation by the Pima and Maricopa Indians and serviced by water from both the Santa Cruz and Gila Rivers. This expansion brought their homes and farms into the Reservation.

Second, this expansion gave the Reservation access to waters of the Santa Cruz River. On this section of the Reservation, the waters of the Santa Cruz River are forced to the surface by an underground stone formation, allowing surface water diversions in this region. The 1919 Southworth map shows that Breckenridge Canal diverted from the lower Santa Cruz for irrigation purposes.<sup>1</sup>

The Gila River also encounters a narrowing in the aquifer, which forces water to the surface as well. This water services the west end of the Reservation, as well as raising the water table such that the mesquite has water to use. This narrowing of the aquifer causes a spring referred to as the *Komatke shon*.

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<sup>1</sup> Southworth 1919.

The Santa Cruz River had moderate development upstream from the Reservation. As documented by the USGS, as of 1889, there were approximately 3,085 acres irrigated in the upper Santa Cruz.<sup>2</sup> There was virtually no acreage irrigated in the lower Santa Cruz, at that time, other than on what was to later become part of the Gila River Indian Reservation.

The Santa Cruz River is divided into two major segments. These are the upper Santa Cruz (which is in the southern portion of the state) and the lower Santa Cruz (which exists north of the upper Santa Cruz). The division point is slightly north of Tucson. As the water leaves the upper (southern) Santa Cruz basin, slightly north of Tucson, it enters a large plain called the Santa Cruz Flats. In the Santa Cruz Flats, the groundwater is able to flow for a long distance at a steeper gradient than the ground surface. The plain is relatively flat and very sandy. Due to the ability of the groundwater to flow at a steeper gradient than the surface, the groundwater became disconnected from the surface. Since the river no longer flowed upon a saturated stream bed, the water seeped into the sand at a high rate causing the Santa Cruz River to dry up. Under non-flood circumstances, the Santa Cruz River disappears completely into the soil, even in predevelopment conditions. The Santa Cruz River reemerged as it approached the Gila River Indian Reservation, however, Gookin Engineers is not exactly certain where this reemergence occurred. Some authors put the reemergence as far south as the current Ak-Chin Reservation and others locate the reemergence as far north as the southern boundary of the current Gila River Indian Reservation. By the time the Santa Cruz River reached the Gila River Indian Reservation, however, the Santa Cruz River again became a live stream with an almost constant base flow. Records do not exist for the Santa Cruz River in the virgin state or as of 1882.

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<sup>2</sup> USGS 1943, 12.

The primary component to the Santa Cruz River was the base flow. The tremendous size of the lower Santa Cruz basin indicates that flows from even major floods entering the lower Santa Cruz basin would largely seep into the groundwater and the effect from the flood would be almost totally dampened out by the storage capacity within the lower Santa Cruz basin. Gookin Engineers, Ltd. estimates that the base flow of the Santa Cruz River would vary less than 5% throughout the year.<sup>3</sup> Added to this baseflow, there was an occasional flood that would have been virtually useless for irrigation purposes. The use of the Santa Cruz River and the inclusion of the river in the boundaries of the reservation added to the Gila River Indian Reservation's water supply dependency upon the groundwater basin of the lower Santa Cruz River. This emerging stream (the lower Santa Cruz River), combined with the high water tables, allowed large areas of mesquite thickets and irrigated agriculture to develop in the western end of the Reservation.

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<sup>3</sup> Gookin Engineers, Ltd. used the topography of the Santa Cruz basin and assumed a wedge shaped reservoir above the channel elevation where the groundwater enters the Gila River. Examining the inflows into the area versus the tremendous volume that this wedge comprises leads to the estimate that the outflow would be approximately 5%. A detailed computer model is necessary to further refine this number, which is used here for illustrative purposes only.





## CHAPTER 8

### THE KILLING DROUGHT

The next blow to the Pima-Maricopa prosperity occurred in 1886. The farmers immediately upstream from the Reservation organized the Florence Canal Company, which began construction of the Florence Canal. The Florence Canal is still being used by SCIDD. The Florence Canal was capable of diverting a large volume of water. The Florence Canal impacted the rights of Indian irrigators and established non-Indian irrigators. The diversions by the Florence Canal led to the lawsuit *Brady et. al. v. Florence Canal Company et. al.* being filed in 1896. In this lawsuit, the water rights of certain non-Indian farmers and the Florence Canal Company were established. A subsequent case, *George Lobb v. Peter Evanate et al.* (“Lockwood Decree”), filed December 9, 1913, updated and further defined the non-Indian water rights.<sup>1</sup> The Pimas and Maricopas, who were legally forced to depend upon the United States government, did not have the remedy of judicial action available to them. The Pima and Maricopa interests in the Gila River went unadjudicated by the courts.

When the non-Indian settlers began diverting surface waters, the Gila River was still gaining water from the aquifer, which allowed the Pima-Maricopas to continue their farming operations. When the Florence Canal began diverting water, the Pima-Maricopas became almost entirely reliant upon the re-emerging groundwater, as the entire surface flow was being diverted upstream of the Reservation. The re-emerging groundwater was not always sufficient to maintain stable crops. Later, when pumping became pronounced throughout the region, the water table fell, reducing or eliminating the return flows to the Gila River.

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<sup>1</sup> Arizona Superior Court April 6, 1916.

After the construction of the Florence Canal, and its diversion of the waters, the Pima-Maricopa Indians, which had already gone from being a prosperous agricultural society to subsistence farming, passed into poverty, malnutrition, and outright starvation. The Pima-Maricopa population generally decreased. Pimas and Maricopas either fled the Reservation to find work, or stayed on the Reservation and starved. The United States Court of Claims determined that the Pima-Maricopas were short on food for the period 1899 to 1904.<sup>2</sup> The Court of Claims also documented that the summer crops failed for 11 straight years, from 1894 to 1904, and the winter crops failed for the 5 years from 1899 to 1904.<sup>3</sup> Other records show that the Pima-Maricopa population experienced widespread amounts of famine and disease as a result of malnutrition.<sup>4</sup>

Dr. Ravesloot examined skeletal remains from around the turn of the century and concluded that "Skeletal pathologies observed were indicative of nutritional deficiencies and suggests inadequate diets for historic Pima."<sup>5</sup>

This clinical statement does not properly reflect the horror of what Dr. Ravesloot found. In person, Dr. Ravesloot described malformed skulls of Pima-Maricopa babies with holes in the skulls where malnutrition had prevented the skulls from closing. Dr. Ravesloot also described how the remains of Pima-Maricopa mothers showed their milk had dried up from a lack of food. Dr. Ravesloot discussed how the Pima-Maricopa mothers had to watch their babies starve due to

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<sup>2</sup>United States Court of Claims January 7, 1981, 63.

<sup>3</sup>United States Court of Claims January 7, 1981, 94.

<sup>4</sup>Dobyns 1986, 131-132.

<sup>5</sup>Ravesloot, John C. 1992, 16.

their inability to feed them. Dr. Ravesloot has determined that, at the turn of the century, Pima-Maricopa infant mortality rates approached 50 percent.<sup>6</sup>

The expansions of the Reservation provided temporary relief from water shortages by permitting the Reservation to utilize the return flows of the Gila River west of the original 1859 Reservation. The Gila Decree ("Decree") recognizes that water rights exist in the Gila Crossing area to "occurring or recurring water in said river."<sup>7</sup> These water rights have priority dates of: 1873, 1876, 1877, 1886, 1900, and 1903.<sup>8</sup> Development continued upstream of the Reservation and the Gila River progressively dried up. By 1878, the Gila River had become so dry that, "as a matter of self-preservation, more than one-half of these Indians have been forced to leave their reserve, in order, to use their own language, 'That they might not hear their women and children cry for bread . . . .'"<sup>9</sup>

By 1894, crop failures forced the Bureau of Indian Affairs ("BIA") to purchase wheat to prevent the Pima-Maricopa starvation.<sup>10</sup> In 1894, upstream farmers developed an additional 2,101 acres of agricultural land.<sup>11</sup>

In 1895, the summer crops failed. Agent J. Roe Young reported:

...except at points where the sunken waters of the river are forced to the surface by natural dams. At such points the crops are good but from present observations and report I am forced to believe that a large number of these Indians will have to be fed during the coming winter. They have made a strong effort to make a crop and would have done so, had the water supply not given out, and it did so earlier this year by thirty days than it did last year, when they had water until May 1<sup>st</sup>...<sup>12</sup>

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<sup>6</sup>Personal Communication with Dr. Ravesloot, 1996.

<sup>7</sup>U. S. District Court June 29, 1935, Article VI (6).

<sup>8</sup>U. S. District Court June 29, 1935, 105. As amended by U. S. District Court, April 14, 1994, 72.

<sup>9</sup>USDOI 1878, 3.

<sup>10</sup>USDOI 1878, 4.

<sup>11</sup>Appendix A.

<sup>12</sup>U. S. Court of Claims January 7, 1981, 60.

Farmers upstream from the Gila River Indian Reservation developed an additional, 242 new acres in 1895.<sup>13</sup>

In 1896, Indian Agent J. Roe Young reiterated the problem:

Nothing new can be said on this important subject. It has been discussed and viewed from every reasonable standpoint, and enough has been written about the need of water for the starving Indians to fill a volume. It has been urgently presented to your honorable office time and again, and yet the need of water is just as great and the supply no greater than in past years. Until the time comes when the Government is ready and willing to come to the assistance of its wards, I consider any further discussion of the subject unnecessary.<sup>14</sup>

In 1896, non-Indian farmers developed an additional 3,637 acres upstream from the Gila River Indian Reservation.<sup>15</sup> In 1897, the summer crops of the Indians again failed. However, upstream development continued as an additional 3,121 acres were developed upstream from the Pima-Maricopas in 1897.<sup>16</sup> In 1898, the summer crops of the Indians failed yet again. The non-Indian farmers developed 2,477 more acres upstream from the Gila River Indian Reservation in 1898.<sup>17</sup> In 1899, the situation went from serious to deadly for the Pimas and Maricopas when the winter and summer crops failed. In 1899, the Honorable John F. Wilson, Delegate to Congress from the Territory of Arizona, introduced a bill into Congress to authorize the construction of San Carlos Dam. In the preamble of the bill, it states:

*Whereas* the development of irrigation along Gila River consequent upon the settlement of the public lands has diminished the flow in that stream until the Indians have been deprived of water and are forced to become dependent upon the charity of the Government for food; ...<sup>18</sup>

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<sup>13</sup> Appendix A.

<sup>14</sup> United States Congress. Senate 1965, 52.

<sup>15</sup> Appendix A.

<sup>16</sup> Appendix A.

<sup>17</sup> Appendix A.

<sup>18</sup> United States Congress. Senate 1965, 53.

In 1899, an additional 1,968 acres were developed upstream of the Reservation.<sup>19</sup> In 1900, the winter and summer crops again failed for the Indians, but the upstream diverters developed an additional 2,471 acres upstream.<sup>20</sup>

In 1901, the United States Geological Survey described the Pimas-Maricopa condition as follows:

About 900 Pimas live at Gila Crossing, some 32 to 35 miles below the Sacaton Agency, or about 12 to 15 miles below the Maricopa and Phoenix Railroad crossing. The underground flow of the valley above comes to the surface here and supplies, or partially supplies, four small canals. About 900 Pimas, who formerly lived farther up, now have small farms here and manage to eke out a living.<sup>21</sup>

In 1901, the drought in central Arizona had become so bad that the rate of expansion by the non-Indian farmers began to slow. Instead of the normal 2,000 to 4,000 acres of land developed per year, at the expense of the Pima-Maricopa Indians, the non-Indian farmers only developed 916 new acres in 1901.<sup>22</sup>

In 1902, the drought situation worsened for the Pimas and Maricopas. Their summer and winter crops failed again. The drought was so bad that the upstream, non-Indian, farmers were only able to develop 317 acres of new land.<sup>23</sup>

In 1902, the chiefs of the Pima-Maricopa Confederation wrote to the Commissioner of Indian Affairs pleading for relief:

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<sup>19</sup> Appendix A.

<sup>20</sup> Appendix A.

<sup>21</sup> USGS 1901, 357.

<sup>22</sup> Appendix A.

<sup>23</sup> Appendix A.

Sacaton, Ariz.

March 29<sup>th</sup> 1902

To the Hon. Commissioner of Indian Affairs

Washington, D. C.

Dear Sir:

We the undersigned Chief and Sub-Chiefs of the Pima Indians represent about 593 families or 2950 inhabitants. We have had very poor or no crops for the past three years. About 2000 of us are not likely to raise any wheat this year, because we have no water. Our ditches were all cleaned out and our fields were made ready for sowing but there is not water to irrigate except a little in the three ditches. Near 1000 of us will not raise a full crop, many not half the usual crop. We like to work but most of cannot find work to do.

Our Horses and cattle are dying for want of food and nothing to feed them we cannot work them. Cannot the Government give us work? Many of our people have not enough to eat and to wear and don't know what to do for a living.

Head Chief	Antonio Azul	X	Sacaton
Sub "	Juan Jackson	X	Blackwater
" "	John Hayes	X	Sacaton Flat
" "	Juan Thompson	X	Santan
" "	Tour	X	Santan
" "	John Allison	X	Sweetwater
" "	Lewis	X	Stotonic
" "	Henry Adams	X	Double Butes
" "	Juan Manuel	X	Casa Blanco
" "	Henry Austain	X	Wet Camp
" "	Louise	X	Wet Camp
" "	Thomas	X	Sacaton R. R. Station
" "	McKaley	X	Sacaton R. R. Station

By

/s/ John K. Owens  
(Pima Indians)<sup>24</sup>

In 1903, there was not sufficient water to develop and successfully grow the summer or the winter crops for the Indians, so both crops failed. Upstream farmers were only able to put an

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<sup>24</sup>Dobyns, Henry F. 1998b, 2-3.

additional 361 acres into cultivation.<sup>25</sup> 1904 was the worst, and final, year of the killing drought for the Pimas and Maricopas. Thiele points out: "With increased water by the whites, the return flow of groundwater between Sacaton and Gila Crossing declined more and more."<sup>26</sup>

In order to survive, the Pimas and Maricopas started cutting the mesquite orchards that had formerly provided approximately one-half of their food supply. By cutting this wood and selling it, the Pimas and Maricopas could acquire money to buy food and other necessities of life. The Indians were forced to glean the fields of the non-Indian farms to aid in their subsistence.<sup>27</sup>

Dr. Dobyns documents that the cutting of mesquite totaled 75,946 cords of wood from 1892 to 1904.<sup>28</sup> A mesquite orchard on the Gila River Indian Reservation yields 100 cubic feet of 3" or greater firewood per acre.<sup>29</sup> One cord contains 128 cubic feet of wood. This indicated that the Pima-Maricopa cut 97,211 acres (approximately 100,000 acres) of mesquite in the period 1892 to 1904 in an attempt to survive. This was probably most of the mesquite available to the Pimas and Maricopas. This assumes that the Pimas and Maricopas had cut all wood 3 inches or greater in diameter. In reality, the market for 3 inch firewood is limited. It is more likely that the smaller sizes were left for later cutting. The small sizes (3, 4, and 5 inch) constitute 80 to 95 percent of the total mesquite trees and 50 to 60 percent of the total volume of mesquite.<sup>30</sup> The acreage affected probably exceeds the approximately 100,000 acres calculated.

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<sup>25</sup> Appendix A.

<sup>26</sup> Thiele 1958, 16.

<sup>27</sup> Dobyns 1998b 15.

<sup>28</sup> Dobyns 1998b, Table.

<sup>29</sup> Olson 1940, 1958.

<sup>30</sup> Olson 1940, 1956.

In 1904, Gila River Indian Reservation Agent J. B. Alexander admitted that he had been covering up the fact that people on the Gila River Indian Reservation were starving.<sup>31</sup> A presidential committee reported in 1904 that:

We find that during the past six years the condition of these people has been one of grinding poverty and that there has been extreme and wide-spread suffering among them from lack of food and clothing.

We find among them a universal willingness to work and earn their livelihood by honest labor, and a strong desire to be self-supporting as they always had been before losing their water supply, rather than to receive rations and to be dependent upon Government aid. Even in their property they have retained their self-respect and have endeavored to eke out a living without rations. The majority of those examined did not receive rations and the Government Superintendent reports that only about 200 families or individuals are thus aided.

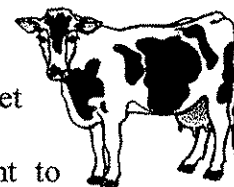
We find that this lamentable condition of the tribe has been brought about by the deprivation of their water supply, the decreasing amount of wood which they are permitted to cut, and the lack of available means of support within reach of their homes.<sup>32</sup>

The upstream farmers developed an additional 440 acres of land in 1904.<sup>33</sup>

The second aspect of the famine occurred not due to agriculture, but due to the destruction of the upstream watershed by grazing.

## GRAZING

Until the 1870s, development had scarcely existed in the upper Gila River watershed. In 1872, General Howard, United States Commissioner, met with Chief Cochise in the Dragoon Mountains and reached an agreement to inaugurate an era of lasting peace. The first Anglo ranch was established in Arizona this same year. Colonel H. C. Hooker at once opened the famous Sierra Bonita Ranch in the Sulphur



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<sup>31</sup> Dobyns 1998b, 22-23.

<sup>32</sup> U. S. Court of Claims January 7, 1981, 63-64.



Springs Valley. Land-hungry settlers, enticed by the cheap pasturage in Arizona and the severe droughts in California, came surging into the area over the next few years. When the Apache Indians were moved by General Crook to the San Carlos Reservation in 1876, white men knew they could finally till the soil and expect to reap its harvest without the threat of Apache Indian raids.<sup>34</sup>

There were only 5,132 cattle in all of the Arizona Territory in 1870, according to the Ninth U. S. Census.<sup>35</sup> The next decade saw the beginnings of a massive cattle industry. With the range free, Calvin noted "it cost one tenth as much to produce beef in Arizona as in the more settled parts of the nation."<sup>36</sup> Stimulated by government contracts to supply beef to the military posts and Indian reservations, large ranches like the Cienega, Vail, and Sierra Bonita came into existence. Trail drives were made from Texas and Sonora, with any excess cattle beyond consumption being used to stock the ranges. "In 1872 alone, Hooper and Hooker drove four herds totaling 15,500 from Texas."<sup>37</sup> In another cattle drive in 1876, John Chisum, "cattle king of the Pecos River country, brought 4,000 animals and settled them in the Aravaipa Valley."<sup>38</sup>

The Southwest of the seventies [1870s] cannot accurately be pictured as the Great American Desert, close-picked and barren. It was closer to a sea of grass, though like the sea, it had its continents, isles, and archipelagos. On the lower reaches of the Gila, there were reefs of bare rock, shoals of desert -- not great areas of drifting sand, but grassless expanses of creosote, cactus, and other scrub. Rising out of the sea, exactly like islands, were towering mountain masses on which the scanty precipitation of the region was naturally concentrated. Between the out-and-out deserts and the too-dimly-shaded mountain forests, grasses

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<sup>33</sup> Appendix A.

<sup>34</sup> Calvin 1946, 98-100; Bahre 1991, 37; Calvin 1946, 136.

<sup>35</sup> Hastings 1963, 143.

<sup>36</sup> Calvin 1946, 136.

<sup>37</sup> Wagoner 1952, 36.

<sup>38</sup> Calvin 1946, 136.

predominated.<sup>39</sup>

The grasses which ranchers consider important are neither numerous nor hard to recognize. These grasses are primarily the tall sacaton, the tobosa, the mesquite grass, and various gramas. Sacaton grass, found on limited areas by dry watercourses, can grow tall enough to hide cattle. Tobosa grass, according to Calvin, "has a habit of standing in tufts like hair on a badly tanned cowhide. It must be cropped in season, for by November it has cured to the whiteness of antique ivory and the hardness of wires." The grama grasses, related to the wheats and barleys, form the foundation of western ranching.<sup>40</sup>

Hastings tells us of the number of cattle (and sheep) across the area in 1880:

In 1880 a Texas herd of 2500 grazed in Mule Pass east of the San Pedro; 3600 on the Babocomari Ranch; 3000 sheep along the San Pedro near Tombstone. The census figures [of the Tenth U. S. Census] show that the San Pedro Valley supported perhaps 8,000 head of cattle and 10-12,000 head of sheep--more than the entire territory ten years before. South of the Gila there now were 20,000 cattle, and in the Territory about 35,000.<sup>41</sup>

The most accurate picture of the ranching industry in the early days is contained in the annual reports of the Territorial Governors of Arizona to the Secretary of the Interior in Washington, D. C. Governor Tritle wrote, in his annual report in 1883, "The number of the cattle in the Territory is about 280,000, an increase of 300 percent in the last two years." Governor Tritle also boasted, in his 1883 Annual Report, that there were 34 million acres of grassland in the Territory of Arizona-enough pasture for 7,680,000 head of cattle.<sup>42</sup>

The following year, Governor Tritle commented upon the absence of epidemic diseases

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<sup>39</sup> Calvin, 1946, 136-137.

<sup>40</sup> Calvin 1946, 137.

<sup>41</sup> Hastings 1963, 144.

<sup>42</sup> United States Congress. House of Representatives 1883, 508.

and stated that the death loss among cattle in Arizona was only 3 percent, lower than any other part of the United States. He noted that one handicap was the lack of water upon the grassland, which could be remedied through artesian wells.

In 1885, Governor Tritle reported the number of assessed cattle at 435,000. He allowed fifty percent for those not assessed, and set the total number of cattle at 652,000. He commented that soon all ranges with streams and springs would be fully stocked.

As we see from these numbers, the 1880s saw a rapid expansion of the cattle industry in Arizona. The new railroads had made it possible to raise beef in Arizona for market in the eastern United States. Hostile Indians no longer harassed the ranchers. The state of Texas had passed two land laws, in 1879 and 1883, which initiated a mandatory leasing system that provided for the payment of nominal fees. Texas ranchers, who objected to the new system, moved their herds to Arizona where they found unrestricted grazing.<sup>43</sup> Best of all, was the ease with which the cattle industry was attracting investment capital. Railroad prospectuses, livestock journals, and territorial legislatures waged a large campaign to an eager public that the area held easy riches and that grass was gold. Sources quote the *Breeder's Gazette* in 1883:

A good sized steer when it is fit for the butcher market will bring from \$45 to \$60. The same animal at its birth was worth but \$5.00. He has run on the plains and cropped the grass from the public domain for four or five years, and now, with scarcely any expense to his owner, is worth forty dollars more than when he started on his pilgrimage... With an investment of but \$5,000 in the start, in four years the stockraiser has made from \$40,000 to \$45,000... That is all there is of the problem and that is why our cattlemen grow rich.<sup>44</sup>

Three more annual reports, made to Washington from our Territorial Governors, strengthened the impression made earlier by Governor Tritle that "there is no quicker or surer

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<sup>43</sup> Wagoner 1952, 24.

road to fortune than cattle-raising in Arizona."<sup>45</sup> Equally convincing were the frequent repetitions of the low death loss rate for cattle in Arizona. The winter of 1885-1886 was arctic on the Great Plains and the winter of 1886-1887 was even worse. Deep snows had buried the close-cropped grasses and the sub-zero weather affected the lean cows. From Montana southward, cattle perished by the thousands. With these conditions in the rest of the country, Arizona and the Southwest could boast and take advantage of the situation.

The report to Washington made by Governor Wolfley, in 1889, gave the first indications that things were not perfect. Calvin describes Wolfley's report:

He deplored the price decline which set in about 1885, but hedged with the assertion that the increase in numbers had been so great that the assessable value had been maintained. The increase had been marvelous, and where water was obtainable, the entire range was almost fully occupied. In fact, the increase had been a bit alarming, for in consequence of the light rainfall of the preceding three or four seasons, "considerable apprehension prevailed in regard to the future welfare and promise of this most important industry."<sup>46</sup>

The Eleventh U. S. Census (of 1890) showed 1,095,000 cattle for Arizona. The *Southwestern Stockman* wrote, in January of 1891, "the malady of overcrowding is with us in an aggravated form" and indicated that disaster had only been averted that summer by the "phenomenal" late rains.<sup>47</sup> Toumey wrote in 1891:

[D]uring the large part of the year the cattle pick about, in many places feeding mostly upon the foliage of shrubs, only getting a dainty bit of grass here and there, but it is the few species of grass that spring into rapid growth after the late summer rains and cover the mesa for miles about that the stockmen depend upon to put their stock in fit condition for the Kansas and California markets. The meagre [sic] rains during the past summer have done much to shorten the fall feed; and in general throughout the Territory the feed is much more scant than

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<sup>44</sup>Hastings 1963, 144.

<sup>45</sup>Calvin 1946, 138.

<sup>46</sup>Calvin 1946, 138.

<sup>47</sup>*Southwestern Stockman*, January 3, 1891; from Hastings 1963, 147.

usual at this season of the year.<sup>48</sup>

Calvin and Hastings continue to describe succeeding annual reports of the Territorial Governors and note what happened to the cattle over the next few years:

In 1890 Acting Governor Murphy submitted a report optimistic on the surface, but containing between the lines a hint that the industry was rapidly burning up its capital stock. Ranges, he had to admit, had become quite generally overcrowded. In 1891 the rains on the southern end of the state were very light, and it was reported that "the stock is not looking as well as usual." Disregarding the official figures for that year, Colin Campbell, chairman of the Livestock Commission, declared later that the number of cattle in Arizona had reached the enormous total of 1,500,000. That is to say, the magnitude of the cause explained later effects.

The summer rains in 1891 were well below normal, but the ranchers made no move to sell.

A veiled intensity is apparent in the summary of 1892. A decrease in valuation was admitted. It was explained as due in part to shrinkage in values and the fall in the price of beef, but also to the drouth [sic] which revealed the overstocked condition of the ranges and "compelled unusually large shipments out of the country." Distress shipments out of the drouth-stricken [sic] area--it has a familiar sound. A year later, although the figures of the Department of Agriculture still held up to nearly 900,000, the assessed number of cattle dropped below half a million. By 1893 tragedy had caught up with the industry which had been so recently the quick and sure road to fortune.

Cattle began to die in the arid foresummer of 1892. The summer monsoons of 1892 were again scanty and, by 1893, the losses were "staggering". Dead cattle lay on the ground everywhere. Reminiscences by settlers indicated that you could throw a rock from one carcass to the next. The Territorial Governor estimated the death rate at fifty or possibly seventy-five percent of the herds.

In that year [1893] Governor Hughes abandoned the perfunctory optimism of his predecessors. Beneath his formal writing there is a note of unashamed grimness as he speaks of "the terrible privations that the industry has had to bear," of the destructive drouth [sic] and overstocking of the ranges, "which there appeared no possibility of avoiding." In that year the railroads made special rates for starving

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<sup>48</sup>AAES 1891, 1-2.

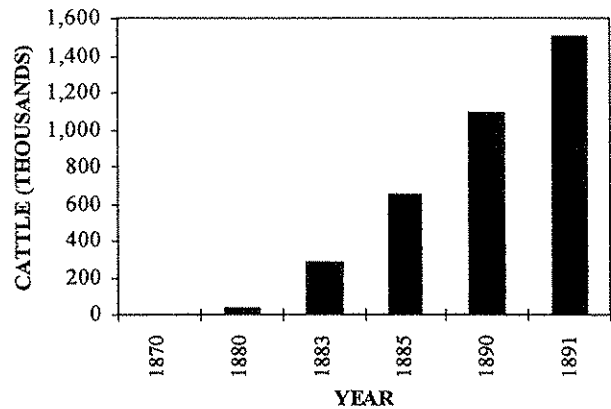
cattle. There were shipped out of the Territory by trainloads, yet still there was no relief from overcrowding. During the boom the great herds shipped into the country had multiplied many times. Prices had dropped so far that it seemed wise to retain older stock on the range and await the return of prosperity. Pyramids were thus piled on top of pyramids. In 1897 they were still talking about the debacle. Writes Governor McCord: "All ranchmen concede that it [the loss] was no less than 50 per cent, and some insist that 75 per cent is not too great an estimate. A part of this loss was sustained in the year 1892; a greater portion, however, occurred in May, June and July 1893."<sup>49</sup>

To summarize the information we have given here, consider the numbers of cattle in the

Arizona area by year as shown below.

<u>Year</u>	<u># of Cattle</u>
1870	5,000
1880	35,000
1883	280,000
1885	652,000
1890	1,095,000
1891	1,500,000

CATTLE IN ARIZONA



The reports show a perception that drought was ruining the ranchers and his cattle, but gave no indication of the fact that the drought was also affecting the ranges. Grazing by livestock removes vegetation protecting the soil and trampling compacts the surface soil.<sup>50</sup> Grazing is one of several activities that has significantly affected the deterioration of the vegetative cover in this area. Physical destruction of vegetation by animal hooves can contribute to deterioration in addition to the consumption of biomass.<sup>51</sup> Runoff will begin to occur when water occupies all

<sup>49</sup> Calvin 1946, 139-140; Hastings 1963, 147-148.

<sup>50</sup> EPA 1979, 25.

<sup>51</sup> Dobyms 1981, 80.

available surface detention storage and when rainfall intensity exceeds the instantaneous soil infiltration rate.<sup>52</sup>

Thornber, a botanist at the University of Arizona, wrote in 1910 about the conditions of the preceding thirty years and called attention to the deterioration of the grazing ranges:

[W]hen once perennial grasses are killed out ...they are indeed slow to reassert themselves. Such denuded areas are claimed by the less valuable six-weeks grasses.... Or worse yet, they are seized upon by one or more of the species of obnoxious weeds ...unpalatable ...for grazing purposes. On an area where practically everything else is grazed, they alone are left untouched by stock to continue reproduction, and to thus spread farther over the adjacent poorly grassed ranges. Unfortunately, too much of our once valuable grazing domain has become thus converted into unproductive weed wastes which hold the ground against valuable grazing plants.<sup>53</sup>

As early as 1891, stockmen began to notice that the better grasses were being killed out.

J. W. Toumey wrote in 1891 that:

They [stockmen] have commented upon the fact of the gradual disappearance of certain grasses that but a few years before were a major part of the forage, but now are nearly gone. As elsewhere this is only true of regions supporting more stock than the food supply will justify.

A cultivated grass pasture when overfed for any length of time will be injured by it. Weeds and other worthless plants will gradually take the place of the best grasses. The same is true, in a degree, of the open range for even the hardiest grasses when continually eaten close to the ground will, as a rule, in a few years become extinct. I am told that in many places where ten years ago late fall would find a rich growth of grass, now it is of inferior quality, of less quantity or none at all. ...[T]he grass that does not burn out from the effects of the hot sun, is continually eaten close to the ground by hungry cattle, the range is in poor condition to produce feed for the following season. The repetition of this process year after year cannot help but decrease the supply of grasses on the range.

...There is a limit to which any range can be profitably stocked. If we go beyond this limit it will not only be a detriment to the permanency of the range, but will be detrimental to the stock as well. ...If the top be continually eaten to the ground or even very near it, the roots will gradually become extinct. This is especially

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<sup>52</sup>EPA 1979, 25.

<sup>53</sup>AAES 1910, 276-277.

true of grasses growing in isolated bunches or scattered about here and there with only a few culms in place. As it is this class of grasses that largely furnishes the forage over our ranges, it is safe to make the assertion that the deterioration of range pasturage is to a great extent due to close feeding.<sup>54</sup>

Hastings writes, "[t]hat the overgrazing that led to the disaster of [18]93 had an enormous impact on the ecology of the region can hardly be doubted." Hastings is referring to the mortality of cattle of fifty to seventy-five percent of the herds. At that time, thousands of square miles of grassland were denuded of their cover and bared to the elements. The close-cropping of the grasses by cattle weakened the old plant communities, leaving them open to invasion. It also upset the balance between infiltration and runoff, turning the scales toward increased runoff.<sup>55</sup>

Antevs wrote in 1952:

Clearly, if left alone, the native vegetation could have weathered the droughts during which the arroyo erosion set in during the 1880's. The impoverishment of the plant cover which permitted the channeling must have been caused by new and foreign detrimental agencies, and the new factors during the 1870's and 1880's were large herds of cattle and sheep and numerous settlers. Therefore, the reduction of the vegetal cover which allowed arroyo-cutting to begin during the 1880's in the Southwest was caused by livestock and man.<sup>56</sup>

Thornthwaite and others write that if the vegetation is impoverished "rains of ...even moderate intensity can initiate a period of accelerated erosion."<sup>57</sup>

Griffiths devised a questionnaire in 1901. He sent it to a select group of pioneer ranchers to obtain accurate information about range conditions before the livestock boom of the 1880s. H. C. Hooker, proprietor of the Sierra Bonita Ranch, and C. H. Bayless, owner of a large ranch near Oracle, were among those who answered the questionnaire. Questions are referenced by a (Q);

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<sup>54</sup> AAES 1891, 7-8.

<sup>55</sup> Hastings 1963, 148.

<sup>56</sup> Antevs 1952, 384.

<sup>57</sup> USDA 1942, 127.



Hooker's answers are referenced by an (H); Bayless' answers are referenced by a (B). Some of the initial information given is to validate the ranchers' knowledge.

1. (Q) With what portions of the Territory are you especially familiar?
  - (H) The southeastern.
  - (B) The San Pedro Valley and southern part of Pinal County.
2. (Q) How long have you been acquainted with the regions spoken of in question 1?
  - (H) Thirty-five years.
  - (B) Fifteen years.

...

5. (Q) Can you describe any specific instances of the destructive action of water in gullyng out the river valleys? Can you state how and at what time such gullyng started in any particular instance, and the extent to which the washing progressed in a given time?
  - (H) The San Pedro Valley in 1870 had an abundance of willow, cottonwood, sycamore, and mesquite timber; also large beds of sacaton and grama grasses, sagebrush, and underbrush of many kinds. The river bed was shallow and grassy and its banks were beautiful with a luxuriant growth of vegetation. Now the river is deep and its banks are washed out, the trees and underbrush are gone, the sacaton has been cut out by the plow and grub hoe, the mesa has been grazed by thousands of horses and cattle, and the valley has been farmed. Cattle and horses going to and from feed and water have made many trails or paths to the mountains. Browse on the hillsides has been eaten off. Fire has destroyed much of the shrubbery as well as the grass, giving the winds and rains full sweep to carry away the earth loosened by the feet of the animals. In this way many waterways have been cut from the hills to the river bed. There is now little or nothing to stop the great currents of water reaching the river bed with such force as to cut large channels and destroy much of the land under cultivation, leaving the river from 10 to 40 feet below its former banks. Thus it has caused much expense in bringing the water to the cultivated lands, and necessitated much labor to dam up the channel and keep the irrigating ditches in repair.
  - (B) About twelve years ago the San Pedro Valley consisted of a narrow strip

of subirrigated and very fertile lands. Beaver dams checked the flow of water and prevented the cutting of a channel. Trappers exterminated the beavers, and less grass on the hillsides permitted greater erosion, so that within four or five years a channel varying in depth from 3 to 20 feet was cut almost the whole length of the river. Every year freshets are carrying away new portions of the bottom lands. At present this valley is a sandy waste from bluff to bluff, while the few fields remaining are protected from the river at large and continuous expense. Thus, in addition to curtailing the area of good land, the deep channel has drained the bottoms, leaving the native grass no chance to recover from the effects of close pasturing. It also makes it more difficult to get irrigating water onto the surface of the land.

Calvin best summarizes the effects of cattle, grazing, and drought:

While the reports showed a perception that drouth [sic] was ruining the ranchman and his herds, they showed not the slightest suspicion of the far more important fact that drouth [sic] was also ruining the ranges. The governors noted that whereas eighty or ninety cows out of a hundred formerly produced a calf each year, during the time of starvation only one in ten or twenty did so. On the calf crop depended immediate profit; but future profit, as they did not then foresee, depended on upon the soil and the plant life which was permitted to survive.

In those days none predicted that over many an expanse where a thousand animals fattened on the grass, only a few hundreds could survive after the grasses were killed out and the invading snakeweed came. None predicted that, as the watersheds were denuded, the rivers would lose their approximate regularity of flow and fluctuate suddenly between trickles and silt-filled torrents; none predicted the inevitable floods that would claw out whole acres at a time from the valuable irrigated farms and silt up with their debris ditches and reservoirs; none could predict the excavation of thousands of arroyos which would lower the general water table and corrode the valley lands as a termite destroys a house.<sup>58</sup>

Until 1900, cattle roamed freely across the area. Most of the region was open range. The only major fences at that time were along the railroads' rights-of-way. The introduction of fences was often resisted by ranchers. Bahre writes that:

[O]ld-timers say that fencing the open range resulted in lower carrying capacities because cattle were concentrated in limited areas and worse overgrazing resulted. According to the old-timers, 'The cattle went where the feed was when there was

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<sup>58</sup>Calvin 1946, 140.

open range, whereas today with fences and supplemental feeding, the cattle stay in pastures far longer than the grass can feed them, thus ruining the land.<sup>59</sup>

Frank Russell, ethnographer of the River Pima, conducted fieldwork in the Pima villages in 1901 - 1902. In his writing, Russell makes reference to the riparian loss:

The once famous grassy plains that made the Pima villages a haven of rest for cavalry and wagon-train stock are now barren, and it is not until the mesquite leaves appear in April that the horses can browse upon food sufficiently nourishing to put them in good condition.<sup>60</sup>

Forbes wrote, in 1902, about the negative impact of overgrazing on the Gila River watershed:

The runoff of the Gila has been greatly affected within recent years by the operations of stockmen upon its watershed. Consisting of at least 90 per cent of open and originally grass-covered country, the region has at times been so heavily over-stocked that the grasses have everywhere been depleted, and in some districts practically destroyed. The rains, coming upon these bared and trampled ranges, fall with but little obstruction into the watercourses, giving rise to sudden flood and violent floods of great erosive power, which carry enormous quantities of sedimentary matter.<sup>61</sup>

The exceedingly muddy character observed [in the waters of the Gila River] is without a doubt quite recent, according to the testimony of those who have irrigated many years under this stream, being caused by the excessive numbers of cattle at times permitted on the grassy watersheds of this river. Cause and effect are here so directly connected as to permit of no question, as when a cattle trail deepens into a gully with running water, or as when an overgrazed valley bottom is converted into bad-lands by the combined action of cattle and flood waters. Erosion of this character, destroying the grazing country, changing the nature of the water supply, and introducing an element of doubt into prospective storage reservoirs, is at once disastrous to stockmen, farmers, and investors.<sup>62</sup>

In testimony before the U. S. House of Representatives, in the Investigation of Salt and Gila Rivers in 1913, Colonel Thomas F. Weedon of Florence, Arizona, describes how the ranges

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<sup>59</sup> Bahre 1977, 27; from Bahre 1991, 118.

<sup>60</sup> United States Bureau of American Ethnology 1908, 84-85.

<sup>61</sup> Forbes 1902, 183; from Bahre 1991, 121.

were affected by grazing in his testimony:

Well, in 1884 and 1885, when I came into the valley, as I say, the watershed of the Gila River was covered by vegetation and the normal flow of the stream was quite regular, and there wasn't any particular scarcity of water, because there were only a few small ditches; but about that time the cattlemen began to bring large numbers of cattle in there and overstocked the range, and those cattle destroyed the vegetation on that watershed, and as a result, when the rains came the waters run off very rapidly -- nothing to restrain them -- and passed off in torrential floods to the sea.<sup>63</sup>

A Rangeland Management Program by the Bureau of Land Management, issued in 1979, is scheduled to "reduce livestock grazing use from about 172,070 AUMs [animal unit months] per year to about 114,861 AUMs per year, for an average decrease of 33.2 percent." The summary report on the program tells the purpose:

Implementing the proposed action will ensure adequate vegetation for wildlife food and protective cover as well as for watershed improvement and protection while continuing to allow grazing use by livestock.

In nine grazing units approximately 15,600 acres will be removed from livestock grazing. Areas proposed for this deferment of livestock grazing are critical watershed areas along the San Simon River and critical riparian and aquatic habitat along Aravaipa Creek, Mescal Creek, Bonita Creek and the Gila River. Decisions to remove grazing from these areas will be issued as soon as fences are constructed.<sup>64</sup>

Several studies have shown that moderate to heavy grazing by livestock can decrease infiltration rates, increase soil compaction, and increase erosion and sediment yields. (Dortignac and Love, 1961; Lusby, et al 1971; Tromble et al., 1974; Thompson, 1968; Rauzi, 1956; Dunford, 1949; Aldon, 1964). Some of these studies also show that reduction of grazing intensities, change from yearlong to seasonal (nongrowing period) grazing, or elimination of grazing can result in improved watershed conditions.<sup>65</sup>

Runoff from plots in a Colorado study was greatest for those heavily grazed,

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<sup>62</sup> Forbes 1902, 187; from Bahre 1991, 121.

<sup>63</sup> United States Congress. House of Representatives. 1913, 48.

<sup>64</sup> USBLM 1979, 2-3.

<sup>65</sup> USBLM 1979, 26.

while the least runoff was from protected plots. While the results from the study showed an increase in runoff from moderately grazed plots, this increase was not accompanied by increased soil loss. The investigators concluded that moderate grazing was permissible if the resulting loss of water did not cause a critical shortage of soil moisture for plant development. (Dunford, 1949).<sup>66</sup>

Infiltration rates and the interaction of changes associated with livestock grazing are a complex phenomenon. It is apparent, based on over a dozen studies, that light and moderate intensities of grazing will not damage infiltration rates during unsaturated soil conditions. However, a concentration of livestock brought about by any phase of a grazing system which encourages heavy intensity grazing is likely to produce significant decreases in the maximum potential rate at which rainfall or snowmelt can infiltrate into the soil. Adverse impacts on sheet and rill erosion and water quality constituents are an outcome of these changes (Dunford, 1949).<sup>67</sup>

Grazing also changes the nature of the runoff. Grazing may increase the amount of runoff. Grazing alters the watershed to replace a steady runoff with brief, damaging, flood flows of greater quantities but less dependable water. *The Changing Mile* discusses this change:

Today the streams in the Arizona part of the region—the San Pedro, the Santa Cruz, and their tributaries—maintain highly irregular regimes. Except in their upper reaches or along the parts of their course where rock formations force water to the surface, the beds much of the time are dry, sandy wastes that support little, if any vegetation ... Before the Civil War these same streams wound sluggishly along for much of their course through grass-choked valleys dotted with cienegas and pools.<sup>68</sup>

This stable water supply is the critical water supply for downstream users. The Environmental Protection Agency pointed out in its 1979 report:

The amount of peak flow of rainfall runoff appears positively correlated with degree of grazing intensity. Heavy grazed rangelands (all other variables being equal) will produce greater runoff in a shorter time than ungrazed or lightly grazed rangelands.<sup>69</sup>

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<sup>66</sup> USBLM 1979, 30.

<sup>67</sup> USBLM 1979, 33.

<sup>68</sup> Hastings and Turner, 1965, 35.

<sup>69</sup> EPA 1979, 34.

Globe Equity No. 59

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In the District Court of the United States  
In and for the District of Arizona

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THE UNITED STATES OF AMERICA

vs.

GILA VALLEY IRRIGATION DISTRICT, ET AL.

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DECREE ENTERED JUNE 29, 1935

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STIPULATION FOR AND CONSENT TO THE ENTRY OF A FINAL DECREE  
 IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF  
 ARIZONA IN THE CASE OF UNITED STATES OF AMERICA, V. CELA  
 VALLEY IRRIGATION DISTRICT, ET AL.

Come now the parties hereto, either in person or by their solicitors, and inform the Court that they have reached a settlement of the issues in this cause and have adjusted and settled their respective claims as between each other; that they have set up in the within and foregoing decree the respective rights of all parties hereto, and request the Court to adopt said decree as its finding herein and that it be entered as its final decree in this cause, settling and adjudicating the rights of the parties hereto.

For The United States of America  
 HOMER CUMMINGS,

The Attorney General.  
 HAROLD L. ICKES,

The Secretary of the Interior.  
 CLIFTON MATHEWS, F. E. FLYNN,

Clifton Mathews, Esq.,

United States Attorney, Solicitors for the plaintiff. April 11, 1935.  
 GERTRUDE M. CONVERSE,

June 24, 1935.

Gertrude M. Converse, Solicitor for the San Carlos  
 Irrigation and Drainage District, defendant heretofore  
 ranged in interest, on the side of the plaintiff,  
 and for the following other defendants:

Archie L. Bartlett; Fred W. Bassler; Maude M. Bassler; George W. Burgess; Louis Cathemer; Hazel A. Converse; Eldora Curry; Roland Curry;  
 Salvadore S. Feliz; Juan S. Feliz; Manuel S. Feliz; Pedro S. Feliz; J. J. Fraser; F. P. Jamieson; J. C. Jamieson; W. O. Kidder; Edith  
 Knappenberger; Frank Knappenberger; Ed Lacy; Elizabeth M. Martin; Rolland H. Moorehouse; L. S. Nafziger; K. N. Nafziger; Leon M. Nowell;  
 George W. Smith; C. H. Southworth; Dugald Stewart; James R. Treat; Louise M. Trekel; and Don A. Trekel.

KIBBEY, BENNETT, GUST, SMITH AND ROSENFELD,

by J. L. GUST,

Kibbey, Bennett, Gust, Smith and Rosenfeld,

Solicitors for the following defendants:

D. E. Adams; D. T. Adams; L. A. Adams; Joseph Alder; H. L. Alexander; Ephriam J. Allen; J. A. Allen; John W. Allen; Lewis Allen;  
S. E. Allen; A. A. Allred; Della Allred; Edith M. Allred; Eiden Allred; E. M. Allred; J. N. Allred; Mrs. Maude Allred; Myron J.  
Allred; Phoebe Allred; Ruth Allred; Sesarrio Alvililar; H. J. Anderson; Tom Aranda; Fannie Bailey; Mrs. V. M. Baker; W. S. Baker;  
George P. Ballard; Felix Bareda; Pablo Barela; Mrs. Sarah Barney; Mrs. Sophia Barney; W. T. Barney; E. D. Barry; Innocente Bartolda;  
Severa Bartolda; Thomas Batty; Walter Batty; C. M. Beal; J. H. Beal; Mrs. J. S. Beals; William N. Beebe; Frank V. Beers, Admin-  
istrator of the Estate of R. H. Beers, deceased; Thomas H. Bell; W. A. Bennett; William Bigler; John Bilby; John Billingsley;  
Hyrum Bingham; J. H. Bingham; Lester Bingham; R. William Bingham; Warren Bingham; W. R. Bingham; D. W. Birdno; Mrs. John J.  
Birdno; Mary Lorraine Birdno; E. W. Black; Edsail Blain; W. M. Blair; Ben Blake; Ed Blake; I. E. Blake; Mrs. Thomas Blake; T. F.  
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C. Evans; E. C. Eyring; Amadeo Fajardo; C. E. Farley; J. A. Farley; Luther Farley; A. M. Farmer; F. A. Farrell; C. J. Farrington; J. W. Feishaw; M. P. Ferguson; F. M. Ferrell; C. E. Ferrin; Ether S. Ferrin; Robert Ferrin; W. M. Ferris; Jose Figueroa; J. H. Fine; Seth P. Fletcher; Elias Flores; Nora Floyd; Joseph E. Follett; I. A. Follett; L. L. Follett; W. L. Follett; George Foote; Orson F. Foote; W. R. Foote; Fort Thomas Consolidated Canal Company; Hugh Foster; John H. Foster; J. A. Foster; Karl Foster; Fourness Canal Company; Mrs. Clara Fourness; J. L. Foutz; Augustin Franco; Pedro Franco; J. L. Freeman; M. S. Freeman; Alma Freestone; Charles E. Freestone; R. L. Freestone; P. H. Freudenthal; Archie Fuller; Lawrence Fuller; Thomas F. Fuller; William Fuller; Millard Fyffe; E. Gallego; Casimiro Garcia; G. Garcia; Jesus Garcia; Jose B. Garcia; Juan Garcia; Marajida Garcia; Rafael Garcia; Tomas Garcia; Victoriano Garcia; Thomas Gardner; Ramon Gauna; Fernando Gervantes; Charles Gietz; Gala Valley Irrigation District; Albert Gillespie; Edward L. Gillespie; James Gillespie; Shell Gillespie; William H. Gillespie; Forrest Gilliland; J. R. Gilmore; J. R. Golding; Mrs. S. C. Gonzales; Mrs. Francis Goodman; George A. Gourley; Graham Canal Company; Mattie Graham; Epitacio Granillo; J. L. Green; Reece D. Green; J. W. Greenhalgh; R. H. Greenhalgh; Christino Grijalva; J. M. Grijalva; Merefildo Grijalva; C. J. Grover; Hugh C. Hamman; E. E. Hancock; Ira Hancock; Jesse A. Hancock; H. B. Harms; A. Harper; John H. Harper; Delbert Hatch; George L. Hatch; G. J. Hatch; Elijah Hawkins; J. N. Hawkins; C. D. Haynie; L. B. Head; George W. Healy; C. M. Hendricks; Sam Henry; Spence C. Heywood; John Hicks; C. N. Higgins; Heber M. Higgins; Mrs. Clara Hinton; Calvin Hooker; F. H. Holiday; Scott Holladay; S. N. Holman; J. N. Holyoak; William H. Holyoak; Mrs. Arthusa Hoopes; Bert Hoopes; H. E. Hoopes; John L. Hoopes; George A. Hoops; E. D. Householder; E. D. Howard; J. M. Howard; Joseph Howard; S. D. Howard; Almeta Hubbard; Thomas H. Hundley; A. C. Hunt; Sarah A. Hunt; Mrs. S. J. Hunter; Mrs. W. E. Irwin; George P. Jacobson; Martin Jacobson; P. J. Jacobson; S. L. Jenkins; S. P. Jenkins; James Jensen; David Johns; Charles P. Johns; D. L. Johns; J. C. Johns; L. A. Johns; W. A. Johns; Mrs. William Johns; D. C. Johnson; Norman J. Johnson; P. Johnson; Orlando Jolly; James E. Jones; David Jurado; Leo Keiffer; P. M. Kelly; A. J. Kempton; Asa B. Kempton; Bell Kempton, Administratrix of the Estate of A. N. Bryce, deceased; Calvin I. Kempton; Fred Kempton; Heber Kempton; Ira N. Kempton; Mrs. Margaret R. Kempton; R. H. Kempton; Donald Kennedy; J. D. Kennison; Charles Kerby; George Killian; Heber C. Kimball; Spencer Kimball; Thomas S. Kimball; F. E. Kirkpatrick; Charles Kruger; Cora Kruger; E. M. Lambson; A. O. Lamoreaux; Guy W. Lamoreaux; R. D. Lamoreaux; Beatrice Larson; Charles S. Larson; C. O. Larson; Eral Larson; Ephraim Larson; James M. Larson; Joe Larson; Lehi Larson, Sr.; Maroni Larson; Mildred B. Larson; Mrs. Olivea Larson; Orvil Larson; William Larson; Alex Layton; Charles M. Layton; C. M. Layton, Jr.; H. W. Layton; Leslie W. Layton; M. M. Layton; Oscar G. Layton; R. G. Layton, Jr.; Roy A. Layton; Amy T. Leavitt; Claude M. Lee; J. D. Lee; J. Y. Lee; Marion Lee; Mrs. W. A. Lewis; Mrs. Nisia Lindsey; Al Lines; Joseph H. Lines; Milton Lines; W. A. Lines; Charles Luster; R. L. McAllister; D. C. McBride; Ether McBride; James A. McBride; Laura McBride; P. H. McBride; P. H. McBride, Jr.; W. E. McBride; Mrs. Laura McCullom; C. J. McElroy; Martha McElroy; A. F. McEuen; E. W. McEuen; M. P. McEuen; Virgil R. McEuen; Thomas McGuire; A. O. Meek; C. M. Meek; Henry H. Meek; J. A. Meek; J. H. Meek; William S. Meek; Robert Mackey; Abnan Madrid; James Mallon; W. J. Mallon; Angus Maloy; G. B. Maloy; M. D. Maloy; Clark Mangum; S. Marcus; S. S. Marshall; W. G. Marshall; Clarence Martin; J. B. Martin; J. S. Martin; Mrs. W. F. Martin; Juan Martinez; C. V. Massey; J. T. Massey; Mrs. L. A. Massey; George A. Mathews; Simon Mathews; C. A. Mathews; Mrs. Chloe Mathews; D. H. Mathews; Eliza Mathews; Jane L. Mattice; John W. Mattice; Lewis P. Mattice; BenHauer; Kimball Maxham; Mrs. F. M. Medhurst; Miguel Mens; Manuel Mendez; Damasio O. Meraz; Gerald Merrill; H. M. Merrill; Martha A. Merrill; P. C. Merrill; P. C. Merrill, Administrator of the Estate of Joe Pensyl, deceased; F. M. Merrill; S. A. Merrill; Miles

Messinger; Louis Michelena; Mrs. M. Michelena; Mrs. J. S. Miles; G. W. Miller; Sisto Molino; Francisco Montez; Jesus Montez; Montezuma Canal Company; E. E. Montierth; George Montierth; Leslie Montierth; M. G. Montierth; Wendell Montierth; Edward Moody; Edwin Moody; J. M. Moody; Winford Moody; J. R. Moore; Jose Morales; Mrs. Belle Morris; Cicero Morris; E. M. Morris; Frank Morris; George Albert Morris; John W. Morris; Robert Morris; William Morris; M. Mortensen; C. N. Motes; D. T. Motes; Ernest Motes; P. L. Motes; Anna M. Moyes; Joseph Moyes; J. R. Nailon; Aron T. Nelson; L. A. Nelson; W. L. Nelson; H. L. Nelson, Jr.; H. L. Nelson, Sr.; J. E. Norton; P. A. Norton; S. N. Norton; William R. Norton; John Nulton; J. H. Nuttall; Braulio Ochoba; Eliam Olsen; Victorino Ollivas; W. Ollerton; Oscar Olsen; N. Ortiz; Elsie L. Overly; J. T. Owens, Jr.; O. E. Owens; Mrs. C. R. Pace; Mrs. Isabelle Pace; W. W. Pace; Asa Packer; E. K. Packer; Joaquin Padilla; Mrs. Marcelina Padilla; E. Palmer; I. J. Palmer; Isaac O. Palmer; Lee L. Palmer; Mrs. Nancy Palmer; Roy Palmer; Van D. Palmer; George O. Peck; William A. Peck; Calista B. Peel; Mabel Perkins; Juvenal Perolas, Administrator of the Estate of Damas De Leon, deceased; Maranda Perkins; Jacob Peters; Alma Peterson; P. O. Peterson; Wilfred Peterson; E. C. Phillips; Jesse C. Phillips; Rudger Phillips; W. A. Pitt; Ben T. Platt; W. E. Platt; E. M. Plumb; Henry E. Plumb; J. M. Plumb; S. V. Pollack; A. T. Pollock; James H. Porter; S. V. Porter; W. A. Posy; W. A. Posy, Administrator of the Estate of Orson Elliott, deceased; D. T. Preston; M. F. Preston; W. F. Preston; W. J. Preston; Harriett Pulsipher; J. E. Pulsipher; Jesse B. Quinn; Anastacio Quiroz; D. Raper; B. O. Rapiet; Miles Reay; Robert E. Reed; Sarah E. Reed; Mrs. W. R. Reed; T. J. Rex; Carlyle Reynolds; S. E. Reynolds; J. F. Rhinehart; W. G. Richards; George F. Richards; Gilbert Richardson; Rebecca Richardson; Sarah L. Richardson; Lito Rios; W. H. Roach; I. P. Robinson; Charles Rogers; David Rogers; H. P. Rogers; Joseph Rogers; Mrs. Louisa Rogers; A. Rohner; C. N. Rose; Niels J. Roseberry; Espedion Sadilla; C. B. Sale; Ethlon Saline; John Saline; Roy Saline; W. D. Saline; Jose Samors; Abel Sanchez; Adiel Sanchez; Daniel Sanchez; Eliseo Sanchez; F. Sanchez; Isias Sanchez; Manuel Sanchez; D. W. Sanders; George Sanders; San Jose Canal Company; Clarence Scarlett; J. W. N. Scarlett; L. B. Scarlett; W. F. Scarlett; J. E. Schurtz; S. E. D. Sears; Andreas Serna; Santos Serna; Mrs. John Shields; A. J. Shifflet; J. S. Shifflet; R. R. Shipp; Francis M. Skinner; Maroni Skinner; Mrs. Martha Skinner; A. A. Smith; Mrs. D. E. Smith; E. D. Smith; H. L. Smith; J. M. Smith; Joanna Smith; L. W. Smith; M. M. Smith; R. A. Smith, Sr.; Mrs. W. R. Smith; Mrs. J. B. Smithson; Smithville Canal Company; Charles F. Solomon; J. W. Sowell; S. A. Sowell; W. H. Spafford; W. D. Spear; Mrs. C. F. Stanley; Lee N. Straton, Administrator of the Estate of Mrs. N. A. Bell, deceased; Albert Stephens, N. W. Stevenson; T. J. Steward; Pratt Stewart; John Stowe; Brigham Stowell; Mathews Stuart; E. F. Stuermer; W. R. Summers; D. V. A. Talley; James M. Talley; J. T. Talley; T. Hugh Talley; Van Talley; K. V. B. Talley; H. M. Tate; F. R. Taylor; John E. Taylor; L. M. Taylor; Sarah Taylor; William C. Taylor; William H. Taylor; P. H. Teeple; S. B. Tenny, Jr.; Alva Thatcher; Tidwell Canal Company; Ida Tidwell; John Tidwell and E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased; George A. Todd; John T. Traylor; W. O. Tuttle; Frank N. Tyler; Oscar Tyler; William O. Tyler; M. P. Tryon; Union Canal Company; H. C. Usher; The Valley Bank & Trust Company; George Van Causig; Harry Van Order, Administrator of the Estate of Harry Van Order, deceased; Antonio Vasquez; Jose Varale; Emula Vaia; Jose Villarsal; W. R. Weddell; Jerome Walker; J. P. Walker; Charles Wamslee; Mrs. J. C. Wamslee; Mattie Wamslee; William Wamslee; Mrs. H. E. Warner; Henry A. Waters; Charles Watson; Lorenzo Watson; Fred Waughtal; Fred Webb; J. D. Webb; F. A. Webster; O. F. Webster; William Webster; A. E. Weech; Adam Welker; Arthur Welker; C. D. Welker; J. A. Welker; R. A. Welker; Willard Welker; A. T. West; John West; B. F. Whitmer, Sr.; B. F. Whitmer, Jr.; Mrs. Mildred Whitmer; Fred H. Wiener; W. W. Wild; A. A. Wilkins; Mrs. Charlotte Wilkins; Dan Williams; S. O. Williams; Isaac Williamson; T. L. Willis; J. M. Wilson; Mrs. Virginia R. Wilson; Mrs. W. A. Wilson; Alonzo Winsor; F. M. Woodward; W. A. Woolsey; Carrie B. Yett; and Dan Young;

J. C. Anglin; Pedro Bertolds; George A. Bigler; J. Bingham; Aloy P. Carter; W. A. Carter, Jr.; Edgar H. Chesley; Church of Jesus Christ of Latter Day Saints; Benjamin F. Cluff, Administrator of the Estate of Phoebe Cluff, deceased; W. D. Cluff; County of Graham, State of Arizona; Joseph Greenhalgh; Annie B. Hancock; M. M. Hancock; Zeb Ison; S. L. Johns; W. M. Kerby; A. O. Lamoreaux, Jr.; Layton Corporation of the Church of Jesus Christ of Latter Day Saints; Art Lee; Henry Lines; George Clyde Mathews; Fred M. Mitchell; E. R. Maillon; Robert L. Nash; Lloyd Norton; Mrs. E. Olsen; Pima Corporation of the Church of Jesus Christ of Latter Day Saints; Pima Townsite; Mrs. Mattie Prina; Charles M. Pursley; George Reynolds; Mrs. Nancy Reynolds; David L. Ridgeway; Pedro Ruiz; Town of Safford; Safford School District No. 1, County of Graham, State of Arizona; School District No. 7, County of Graham, State of Arizona; School District No. 8, County of Graham, State of Arizona; School District No. 11, County of Graham, State of Arizona; School District No. 12, County of Graham, State of Arizona; School District No. 31, County of Graham, State of Arizona; George R. Shurtz; Townsite of Solomonville; Sunflower Canal Company; A. V. Tate; Town of Thatcher; O. F. Webster, Administrator of the Estate of Thomas G. Webster, deceased; Mrs. M. C. White; Nephi Williams; Mrs. G. R. Young; and Emma B. Mellinger.

J. C. Anglin; Pedro Bertolda; George A. Egler; J. Bingham; Aloy P. Carter; W. A. Carter, Jr.; Edgar H. Chesley; Church of Jesus Christ of Latter Day Saints; Benjamin F. Cluff, Administrator of the Estate of Phoebe Cluff, deceased; W. D. Cluff; County of Graham, State of Arizona; Joseph Greenhalgh; Annie B. Hancock; M. M. Hancock; Zeb Ison; S. L. Johns; W. M. Kerby; A. O. Lamoreaux, Jr.; Layton Corporation of the Church of Jesus Christ of Latter Day Saints; George Clyde Mathews; Fred M. Mitchell; E. R. Maillon; Robert L. Nash; Lloyd Norton; Mrs. E. Olsen; Pima Corporation of the Church of Jesus Christ of Latter Day Saints; Palma Townsite; Mrs. Mattie Prina; Charles M. Pursley; George Reynolds; Mrs. Nancy Reynolds; David L. Ridgeway; Pedro Ruiz; Town of Safford; Safford School District No. 1, County of Graham, State of Arizona; School District No. 7, County of Graham, State of Arizona; School District No. 8, County of Graham, State of Arizona; School District No. 11, County of Graham, State of Arizona; School District No. 12, County of Graham, State of Arizona; School District No. 31, County of Graham, State of Arizona; George R. Shurtz; Townsite of Solomonville; Sunflower Canal Company; A. V. Tate; Town of Thatcher; O. F. Webster, Administrator of the Estate of Thomas G. Webster, deceased; Mrs. M. C. White; Nephi Williams; Mrs. G. R. Young; and Emma B. Mellinger.

H. A. ELLIOTT, by A. R. LYNCH,  
A. R. LYNCH,

H. A. Elliott and A. R. Lynch,

Solicitors for the following defendants:

J. L. Aker; Albert Canal Company; H. Albert; Mrs. Eliza Alexander; M. M. Allred; Hans Anderson; T. J. Anderson; R. H. Angle; T. W. Arnett; Albert L. Barber; E. G. Barlow; J. R. Beavers; Florentino Billaba; Billingsley Extension Canal Company; B. F. Billingsley; Black & McCleskey Canal Company; W. Bleinstein; Silas Bradshaw; T. J. Branyon; C. M. Brooks; M. H. Brooks; R. W. Brooks; W. W. Brooks; J. H. Brown; S. A. Brown; T. W. Brown; Nellie E. Buck, Administratrix of the Estate of David Buck, deceased; J. C. Burlison; David F. Campbell, Jr.; Mary E. Campbell; J. E. Cardon; J. W. Carter; Mrs. Tom Carter; Ypolita Cascarilla; Mrs. Maggie Cauthen; A. D. Cheatham; Betty Marsh Cheatham; E. V. Cheatham; I. M. Cheatham; Mary Ann Cheatham; S. C. Cheatham; J. K. Chilton; L. T. Christensen; R. F. Clout; M. A. Clouse; Mrs. Jas. I. Cohn; G. W. Collins; Colmenero Canal Company; Cosper & Windham Canal Company; Cosper & Windham Extension Canal Company; Alice H. Cosper; George H. Cosper; George H. Cosper, Jr., Administrator of the Estate of George Cosper, deceased; Mussett Cosper; J. L. Crabtree; F. M. Craig; W. C. Craufurd; J. H. Cready; F. M. Crockett; Mrs. M. J. Daniels; E. G. Davidson; David Davis; E. Day; Mrs. M. A. Dees; Carl M. Donaldson; Duncan Canal Company; Duncan Union High School District, Gus Duncan; Byron Echols; M. B. Echols; Joseph C. Elledge; R. E. Elledge; W. H. Elledge; G. I. Elmer; John Evans; Amos F. Fearin; J. W. Foote; S. A. Foster; W. F. Foster; J. R. Fowler; Ernesta Francese, Administratrix of the Estate of Frank Francese, deceased; Franklin Irrigation District; R. H. Friestone; J. B. Fullerton; B. J. Gale; Mrs. E. A. Gale; I. B. Gale; Otto Gale; W. T. Gale; James A. Gamble; F. N. Gault; W. A. Gill; Aubra Gilliland; J. M. Gilliland; R. C. Gilliland; Emil Girard; Trivio Gonzales; H. Grady; John Hagan; H. B. Harris; M. L. Harris; Waide Harris; G. Lynn Hatch; J. L. Henderson; C. C. Hester; O. L. Hext; Floyd Hightower; C. F. Hill; J. W. Hill; Nellie R. Hoch; C. F. Houlihan; Rachel Jensen; R. T. Johns; Delbert Johnson; G. W. Johnson; Thomas H. Johnson; F. W. Jones; John B. Jones; Mary Jane Jones; Farley P. Jones; T. V. Jones; Willard E. Jones; Culver Kartchner; Mrs. S. L. Kemp; Richard Kirtland; A. T. Layton; A. N. Livvix; W. W. Lloyd; Anna H. Lunt; Edward Lunt; George A. Lunt; G. V. Lunt; Heaton Lunt; Owen Lunt; P. L. Lunt; Randall Lunt, Administrator of the Estate of Jasper Galo, deceased; R. H. Lunt; W. V. McCarty; J. F. McGrath; R. J. McLaren; M. J. Mabin; William Manske; C. C. Martin; J. A. Martin; J. H. Merrin; James A. Mitchell; Moddle Canal Company; Robert Day, deceased; E. A. Merrill; Fenley F. Merrill; T. S. Merrill; R. E. Miller; James A. Mitchell; Moddle Canal Company; Robert M. Montgomery; Theodore H. Moody; R. C. Moore; Hans Mortenson; Hiram K. Mortensen; J. Alfred Mortensen; Peter Mortenson; W. T. Mosley; L. D. Moyers; L. G. Moyers; W. F. Moyers; H. J. Nunn; T. A. Nunn; J. P. Oberholser; O. G. Odell; James Opie; Nancy O. Pace; W. C. Packer; C. C. Passmore; E. C. Payne; H. M. Payne; Junius E. Payne; Leslie B. Payne; W. U. Philippott; C. Pirile; Mrs. M. E. Pittman; G. W. Quinn; Margarete I. Ragsdale; Nance E. Ragsdale; Mrs. Ethel Rainbolt; Oscar Rainville; O. Reyes; Ralph Richardson; Rebecca Richardson; Sarah L. Richardson; Orson J. Richens; J. R. Robbs; Ernest V. Romney; Eugene Romney; Julius Romney; F. E. Ross; W. T. Sanders; K. M. Schade; Frank Schultz; School District No. 2, County of Hidalgo, State of New Mexico; School District No. 7, County of Hidalgo, State of New Mexico; Andy Scott; Brooks Scott; Serton Canal Company; R. Sexton; Delores B. Shirk; Laura Short; Shriver Ditch Company; W. F. Shriver; Mrs. E. M. Simmons; Jesse B. Sims; Sinclair Realty Company; Henry L. Smith; J. G. Smith; V. Soto; Emma Spoon, Administratrix of the Estate of J. H. Spoon, deceased; A. L. Stewart; M. E. Stewart; Mrs. R. S. Stewart; George W. Stinson; W. P. Stover; Nicholas Saurez; Florence R. Swofford; Sunset Canal Company; Charles Telles; Sam R. Tilley; W. D. Tucker; George Utter; Valley Canal Company; Virden Irrigation District; Peter Wahline; Alvin Warner; J. L. T. Watters; B. Y. Whipple; West White; Joe Whittridge; W. W. Wilkey; D. E. Wilkins; E. J. Wilkins; J. D. Wilkins; Lila Williams; Roy D. Williams; Mrs. T. M. Williamson; B. A. Wilson; George A. Wilson; Page S. Windham; N. C. Wright; George W. Wyatt; York Canal Company; and York Cattle Company;

W. E. Bowers; J. E. Payne, Trustee, Church of Jesus Christ of Latter Day Saints; A. C. Gruwell; M. N. Jensen; Milton N. Jensen;  
A. E. Keller; Maude Larsen; Mitchel McDonald; O. Mortensen; Amanda Nations; M. D. Patton; G. Q. Payne; Helen A. Payne; E. W.  
Richens; R. Richens; School District No. 27, County of Greenlee, State of Arizona; Nancy A. Smith; and E. Thygeron.

W. E. Bowers; J. E. Payne, Trustee, Church of Jesus Christ of Latter Day Saints; A. C. Gruwell; M. N. Jensen; Milton N. Jensen;  
A. E. Keller; Maude Larsen; Mitchel McDonald; O. Mortensen; Amanda Nations; M. D. Patton; G. Q. Payne; Helen A. Payne; E. W.  
Richens; R. Richens; School District No. 27, County of Greenlee, State of Arizona; Nancy A. Smith; and E. Thygerson.



GIBBS AND GIBBS, BY B. H. GIBBS,  
Gibbs and Gibbs, Solicitors for the defendant  
T. H. B. Glasspie.

BAKER AND WHITNEY, BY A. B. BAKER,  
Baker and Whitney, Solicitors for the defendant  
Arizona Eastern Railroad Company.

W. S. NORVIEL,  
W. S. Norviel, Esq., Solicitor for the following defendants:  
Catherine A. Norviel; Helen Slaughter, and H. D. Thornton.

FLOYD M. STAHL,  
Floyd M. Stahl, Esq., Solicitor for the following defendants:  
John H. Dennison; Pearl Dennison; Stows Phelps; and O. I. Purdy.

CHALMERS, FENNEMORE & NAIRN, BY H. M. FENNEMORE,  
Chalmers, Fennemore and Nairn, Solicitors for the  
following defendants:  
Nevada Consolidated Copper Company; Ray Consolidated Copper Company; and H. M. Fennemore, and  
Kennecott Copper Corporation.

LEO J. HOLZWORTH  
Leo J. Holzworth, Esq., Solicitor for the defendant  
Joseph J. Anderson.

CHAS. H. REED,

Charles H. Reed, Esq., Solicitor for the following defendant:  
Town of Florence.

O. J. BAUGHN,

Otis J. Baughn, Esq., for himself and as Solicitor for  
the following defendants:

Margaret P. Brown; Estate of Dora M. Clark; Mira B. Doran; Lissa J. Fulton; William G. Knight; Rafael O. Larona; Lola LeBaron; H. H. McNeil;  
Helen S. Sheafe; Charles M. Sheafe; James S. Sheafe.

ROBERT DENTON,

Robert Denton, Esq., for himself and as Solicitor for  
the following defendants:

Florence-Casa Grande Water Users Association; Mark Twain Clemans; Earl G. Clemans; Edith M. Clemans; Hazel H. Clemans; Winnefred W.  
Clemans; W. J. Clemans, Jr.

SIDNEY SAPP,

Sydney Sapp, Esq., Solicitor for the following defendants:

E. B. Newman, Administrator of the Estate of H. H. Scorce, deceased; S. W. Newman.  
The following defendants sign for themselves individually.

ERNEST W. MCFARLAND,

Ernest W. McFarland.

GRADY L. HERRING,

Grady L. Herring.

GEORGE M. BROCKWAY,

George M. Brockway.

PETER D. OVERFIELD,

Peter D. Overfield.

Filed June 29, 1935.

J. LEE BAKER, Clerk,

United States District Court for the District of Arizona.

By WM. H. LOVELESS, Deputy Clerk.

CHAS. H. REED,

Charles H. Reed, Esq., Solicitor for the following defendant:  
Town of Florence.

O. J. BAUGHN,

Otis J. Baughn, Esq., for himself and as Solicitor for  
the following defendants:

Margaret P. Brown; Estate of Dora M. Clark; Mira B. Doran; Lissa J. Fulton; William G. Knight; Rafael O. Larone; Lola LeBaron; H. H. McNeill;  
Helen S. Sheafe; Charles M. Sheafe; James S. Sheafe.

ROBERT DENTON,

Robert Denton, Esq., for himself and as Solicitor for  
the following defendants:

Florence-Casa Grande Water Users Association; Mark Twain Clemans; Edith M. Clemans; Earl G. Clemans; Hazel H. Clemans; Winnefred W.  
Clemans; W. J. Clemans, Jr.

SIDNEY SAPP,

Sydney Sapp, Esq., Solicitor for the following defendants:

E. B. Newman, Administrator of the Estate of H. H. Scorce, deceased; S. W. Newman.  
The following defendants sign for themselves individually.

ERNEST W. MCFARLAND,

Ernest W. McFarland,

GRADY L. HERRING,

Grady L. Herring,

GEORGE M. BROCKWAY,

George M. Brockway,

PETER D. OVERFIELD,

Peter D. Overfield.

Filed June 29, 1935.

J. LEE BAKER, Clerk,  
United States District Court for the District of Arizona.  
By WM. H. LOVELESS, Deputy Clerk.

IN THE DISTRICT COURT OF THE UNITED STATES, IN AND FOR THE DISTRICT OF ARIZONA

IN EQUITY

NO. E-59-GLOBE

UNITED STATES OF AMERICA

Plaintiff,

V.

D. E. Adams; D. T. Adams; L. A. Adams; J. L. Aker; Albert Canal Company; H. Albert; Joseph Alder; Mrs. Eliza Alexander; H. L. Alexander; Ephriam J. Allen; J. A. Allen; John W. Allen; Lewis Allen; S. E. Allen; A. A. Allred; Della Allred; Edith M. Allred; Eiden Allred; E. M. Allred; J. M. Allred; Mrs. Maude Allred; M. M. Allred; Myron J. Allred; Phoebe Allred; Ruth Allred; Sescario Alviljar; American Smelting & Refining Company; A. A. Anderson; Hans Anderson; H. J. Anderson; John N. Anderson; Joseph J. Anderson; T. J. Anderson; R. H. Angle; J. C. Anglin; Mary A. Antenoil; Tom Aranda; Arizona Eastern Railroad Company; Fred T. Armstead, Administrator of the Estate of Elizabeth Schultz, deceased; T. W. Arnett; Fannie Bailey; Estate of Walter A. Batty; Homer H. Martin, Administrator; J. W. Baker; Mrs. V. M. Baker; W. S. Baker; George P. Ballard; Henry Bamesberger; Albert L. Barber; Felix Bareda; Pablo Barela; Ruth R. Barham; E. G. Barlow; Mrs. Sarah Barney; Mrs. Sophie Barney; W. T. Barney; E. D. Barry; Archie L. Bartlett; Pansy Kenower Bartlett; Innocente Bartolda; Severa Bartolda; Fred W. Bassler; Madelene Bassler; Maude M. Bassler; Thomas Batty; Walter Batty; Otis J. Baughn; C. M. Beal; J. H. Beal; Mrs. J. S. Beals; J. R. Beavers; Albert C. Becken; Grace R. Becken; William N. Beebe; Frank V. Beers, Administrator of the Estate of R. H. Beers, deceased; Thomas H. Bell; Charles F. Bennett; Jarvis D. Bennett; W. A. Bennett; D. Bertoglio; Pedro Bertolda; George A. Bigler; William Bigler; John Bilby; Florentino Billaba; B. F. Billingsley; Billingsley Extension Canal Company; John Billingsley; Hyrum Bingham; J. Bingham; J. H. Bingham; Lester Bingham; R. William Bingham; Warren Bingham; W. R. Bingham; D. W. Birdno; Mrs. John J. Birdno; Mary Lorraine Birdno; Black & McCleskey Canal Company; E. W. Black; Edsill Blain; Frances D. Blair; W. M. Blair; Ben Blake; Ed Blake; I. B. Blake; Mrs. Thomas Blake; W. Eleinstein; Clifton Bogard; T. F. Boggs; W. F. Bollinger; Charles Boren; C. B. Boren; William Boren; W. E. Bowers; H. G. Boyle; C. D. Bradley; Ida M. Bradley; John R. Bradshaw; Silas Bradshaw; Mrs. Artie Branam; L. S. Branaman; Wallace Branch; T. J. Branyon; Ira S. Brayton; Esther A. Brockway; George M. Brockway; Marshall F. Brockway; C. M. Brooks; M. H. Brooks; R. W. Brooks; W. W. Brooks; Brown Canal Company; Charlotte Hall Brown; Elizabeth Brown; Gratz D. Brown; Jaared T. Brown; J. H. Brown; J. P. Brown; L. J. Brown, Jr.; Margaret P. Brown; S. A. Brown; Sarah B. Brown; Thresa Hall Brown; T. W. Brown; Estate of W. F. Brown, P. D. Overfield, Administrator; William Brunson; Adelaide M. Bryce; A. J. Bryce; David J. Bryce; E. P. Bryce; G. A. Bryce; Heber B. Bryce; J. W. Bryce; R. A. Bryce; Mrs. Sarah Bryce; W. C. Bryce; William E. Bryce; Nellie E. Buck, Administratrix of the Estate of David Buck, deceased; John J. Buggs; E. G. Bullard; George W. Burgess; J. C. Burleson; Charles Burrell; George Burrell; Manuel Burrell; Lee Robinson Burrell; John W. Burrell; T. D. Burton; J. D. Busby; Mary Butler; W. F. Butler, Jr.; L. B. Cadwell; David F. Campbell, Jr.; Mary E. Campbell; J. E. Cardon; Edward Carpenter; Frank Carpenter; John Carpenter; Lester Carpenter; William Carpenter; Mrs. Jesus Carrasco; V. Carrasco; Antone Carreon; Albert Carter; Alof P. Carter; Administrator of the Estate of E. L. Carter, deceased; Ethel B. Carter; J. W. Carter; Mrs. Tom Carter; W. A. Carter, Jr.; W. A. Carter, Sr.; Casa Grande Valley Bank; Ypolita Cascarilla; Lewis Cathemer; Mrs. Maggie Cauthen; Mike Celaya; W. R. Chambers; J. A. Chapman; W. W. Chapman; John E. Charlton, Administrator of the Estate of W. B. Charlton, deceased; A. D. Cheatham; Betty Marsh Cheatham; E. V. Cheatham; I. M. Cheatham; Mary Ann Cheatham; S. C. Cheatham; P. Chendilla; D. W. Cheney; Mrs. A. W. Cheney; Edgar H. Chesley; J. E. Chesley; Pablo Chevarria; J. K. Chilton; H. R. Charlson; Albert J. Christensen; Antone Christensen; L. T. Christensen; Victor Christenson; Church of Jesus Christ of Latter Day Saints; Citizens Bank; Edward M. Claridge; Charles S. Clark; Estate of Dora M. Clark; H. J. Clark; W. A. Clark; H. S. Clarke; Earl G. Clemans; Edith M. Clemans; Hazel H. Clemans; Mark Twain Clemans; Winnefred W. Clemans; W. J. Clemans, Jr.; W. P. Clemens; Mrs. Charles E. Cleveland; Aeshel Clifford; Henry Clifford; Elijah Clifford; W. H. Clifford; R. F. Clifford; M. A. Clouse; B. F. Cluff;

Benjamin F. Cluff, Administrator of the Estate of Joseph Cluff, deceased; Benjamin F. Cluff, Administrator of the Estate of Phoebe Cluff, deceased; Mrs. J. E. Cluff; John Cluff; W. D. Cluff; Mrs. Jas. I. Cohn; Evans Coleman; G. W. Collins; H. L. Colvin; Colmenero Canal Company; John D. Colvin; Colvin-Jones Canal Company; Inez H. Conrad; C. S. Conway; C. S. Conway, Administrator of the Estate of F. W. Hays, deceased; Hazel A. Converse; C. L. Coombs; George Coombs; Isaac Coombs; N. E. Coombs; William Coombs; Grady Coppedge; James Corder; Alice H. Cospser; George H. Cospser; George H. Cospser, Jr., Administrator of the Estate of George Cospser, deceased; John C. Cospser; Mussett Cospser; Cospser & Windham Canal Company; Cospser & Windham Extension Canal Company; Henry Crabbe; J. L. Crabtree; F. M. Craig; Mrs. W. E. Craig; G. E. Crandall; R. D. Crandall; W. C. Craufurd; G. L. Crawford; J. H. Cready; F. M. Crockett; H. W. Crockett; W. W. Crockett; Thomas A. Crow; Eldora Curry; Roland Curry; A. J. Curtis; Ammon Curtis; Curtis Canal Company; Cleve Curtis; Don Curtis; Mrs. Elizabeth Curtis; Emery Adelbert Curtis; Eugene Curtis; Ezra Curtis; Mrs. Frank Curtis; Mrs. Virginia Curtis; L. C. Cutler; Charles E. Dallas; Mrs. Julia Daly; Willis K. Daly; Mrs. Hester Damon; Mrs. M. J. Daniels; E. G. Davidson; Jennie Davidson; John H. Davidson; David Davis; E. Day; A. B. Decker; Z. B. Decker; Mrs. M. A. Dees; Etta G. Deller; John H. Dennison; Pearl Dennison; Robert Denton; Robert Denton, Administrator of the Estate of George F. Gallagher, deceased; Mrs. Henry Dial; Guy Dixon; Maurice Dodd; A. J. Dodge; Dodge-Nevada Canal Company; David Dodge; Mrs. Lyman Dodge; Thomas Dodge; J. M. Dominges; Claro Dominiques; Carl M. Donaldson; Mira B. Doran; Mrs. Lily Duke; Duncan Canal Company; Gus Duncan; Duncan Union High School District; J. W. Earven; Tracy Eastman; Benjamin Echois; Byron Echois; M. B. Echois; Ramolda Elias; H. B. Elledge; Joseph C. Elledge; R. E. Elledge; W. H. Elledge; Christobell G. Ellis; Davidsei Ellsworth; Ernest Ellsworth; Francis Ellsworth; William Ellsworth; Mrs. Charlotte F. Elmer; G. I. Elmer; J. H. Elmer; Mrs. Sarah S. Elmer; Frank C. Elwell; Hart D. Emple; Miguel Encinas; Catalina Entzinger; Mrs. Belle Epley; John C. Epley; Joe Erny; Jesus Espinosa; Jose T. Espinosa; P. Estrada; Austin Evans; George C. Evans; John Evans; E. C. Eyring; Amadeo Fajardo; C. E. Farley; J. A. Farley; Luther Farley; A. M. Farmer; F. A. Farrell; C. J. Farrington; Amos F. Fearin; Juan S. Feliz; Manuel S. Feliz; Pedro S. Feliz; Salvatore S. Feliz; J. W. Felshaw; H. M. Fennemore; M. P. Ferguson; F. M. Ferrell; C. E. Ferrin; Ether S. Ferrin; Robert Ferrin; W. M. Ferrin; Fidelity Savings & Loan Association; Jose Figueroa; J. H. Fine; First National Bank of Florence; C. A. Fitzgerald; Seth P. Fletcher; Florence-Casa Grande Water User's Association; Town of Florence; Elias Flores; Nora Floyd; Joseph E. Follett; I. A. Follett; L. L. Follett; W. L. Follett; George Foote; J. W. Foote; Orson F. Foote; W. R. Foote; Fort Thomas Consolidated Canal Company; Hugh Foster; John H. Foster; Karl Foster; S. A. Foster; W. F. Foster; Fourness Canal Company; Mrs. Clara Fourness; J. L. Foutz; J. R. Fowler; Ernesta Francesse, Administratrix of the Estate of Frank Francesse, deceased; Augustin Franco; Pedro Franco; Franklin Irrigation District; J. J. Fraser; James D. Freeman; J. L. Freeman; M. S. Freeman; Alma Freestone; Charles E. Freestone; R. L. Freestone; P. H. Freudenthal; R. H. Freestone; Archie Fuller; Lawrence Fuller; Thomas F. Fuller; William Fuller; J. B. Fullerton; Lissa J. Fulton; May E. Furbach; Millard Fyfe; Kathrina Gack; E. J. Gale; Mrs. E. A. Gale; I. B. Gale; Otto Gale; W. T. Gale; E. Gallego; James A. Gamble; L. D. Gamble; Casimiro Garcia; Jose B. Garcia; Juan Garcia; Marajilda Garcia; Rafael Garcia, Tomas Garcia; Victoriano Garcia; Thomas Gardner; F. N. Gault; Ramon Gauna; Fernando Gervantez; Charles Gietz; Gila Valley Irrigation District; M. L. Gilliland; W. A. Gill; Albert Gillespie; Edward L. Gillespie; James Gillespie; Shell Gillespie; William H. Gillespie; Trivio Gonzales; Mrs. Francis Goodman; George A. Gourley; H. Grady; Graham Canal Company; County of Graham, State of Arizona; George F. Nellie R. Gochenouer; J. R. Golding; Mrs. S. C. Gonzales; Reece D. Green; Joseph Greene; Joseph Greenhalgh; J. W. Greenhalgh; R. H. Greenhalgh; Christino Grijalva; J. M. Grijalva; Morejildo Graham; Mattie Graham; Epitacio Granillo; J. L. Green; Reece D. Green; Joseph Green; Joseph Greenhalgh; J. W. Greenhalgh; R. H. Greenhalgh; Christino Grijalva; J. M. Grijalva; Morejildo Grijalva; C. J. Grover; A. C. Gruwell; John Hagan; Virginia Hales; John Hamilton; Hugh C. Hamman; A. T. Hammons, Receiver; Annie B. Hancock; E. E. Hancock; Ira Hancock; Jesse A. Hancock; M. M. Hancock; May Catlin Hansen; H. B. Harms; A. Harper; John H. Harper; H. B. Harris; M. L. Harris; Waide Harris; J. B. Harsha; Dalbert Hatch; George L. Hatch; G. J. Hatch; G. Lynn Hatch; Vernon W. Havins; Elijah Hawkins; J. N. Hawkins; C. D. Haynie; L. B. Head; George W. Healy; J. L. Henderson; C. M. Hendricks; John Hendricks; Sam Henry; Grady L. Herring; W. E. Herron; C. C. Hester; O. L. Hext; Spence C. Heywood; C. N. Higgins; Heber M. Higgins; Floyd Hightower; C. F. Hill; J. W. Hill; Mrs. Clara Hinton; Nellie R. Hoch; Calvin Hocker; F. M. Holiday; Scott Holladay; S. N. Holman; J. N. Holyoak; William H. Holyoak; Mrs. Arthus Hoopes; Bert Hoopes; H. E. Hoopes; John L. Hoopes; George A. Hoopes; C. F. Houllhan; E. D. Householder; E. D. Howard; J. M. Howard; Joseph Howard; S. D. Howard; Almera Hubbard; Thomas H. Hundley; A. C. Hunt; Sarah A. Hunt; Mrs. S. J. Hunter; Mrs. W. E. Irwin; Zeb Ison; George P. Jacobson; Martin Jacobson; P. J. Jacobson; Edith B. Jamieson; J. C. Jamieson; James C. Jayne; S. L. Jenkins; S. P. Jenkins; James Jensen; M. N. Jensen; Milton N. Jensen; Rachel Jensen; David Johns; Charles P. Johns; D. L. Johns; J. C. Johns; R. T. Johns; L. A. Johns; W. A. Johns; Mrs. William Johns; Deibert Johnson; D. C. Johnson; E. R. Johnson;

Benjamin F. Cluff, Administrator of the Estate of Joseph Cluff, deceased; Benjamin F. Cluff, Administrator of the Estate of Phoebe Cluff, deceased; Mrs. J. E. Cluff; John Cluff; W. D. Cluff; Mrs. Jas. I. Cohn; Evans Coleman; G. W. Collins; H. L. Colvin; Colmenero Canal Company; John D. Colvin; Colvin-Jones Canal Company; Inez H. Conrad; C. S. Conway; C. S. Conway; Administrator of the Estate of F. W. Hays, deceased; Hazel A. Converse; C. L. Coombs; George Coombs; H. V. Coombs; Isaac Coombs; N. E. Coombs; William Coombs; Grady Coppedge; James Corder; Alice H. Cospser; George H. Cospser; George H. Cospser, Jr., Administrator of the Estate of George Cospser, deceased; John C. Cospser; Mussett Cospser; Cospser & Windham Canal Company; Cospser & Windham Extension Canal Company; Henry Crabbe; J. L. Crabtree; F. M. Craig; Mrs. W. E. Craig; G. E. Grandall; R. D. Grandall; W. C. Craufurd; G. L. Crawford; J. H. Cready; F. M. Crockett; H. W. Crockett; W. W. Crockett; Thomas A. Crow; Eldora Curry; Roland Curry; A. J. Curtis; Ammon Curtis; Curtis Canal Company; Cleve Curtis; Don Curtis; Mrs. Elizabeth Curtis; Mrs. Mary Adelbert Curtis; Eugene Curtis; Ezra Curtis; Mrs. Frank Curtis; M. M. Curtis; Mrs. Virginia Curtis; L. C. Cutler; Charles E. Dallas; Mrs. Julia Daly; Willis K. Daly; Mrs. Hester Dameron Mrs. M. J. Daniels; E. G. Davidson; Jennie Davidson; John H. Davidson; David Davis; E. Day; A. B. Decker; Z. B. Decker; Mrs. M. A. Dees; Etta G. Deller; John H. Dennison; Pearl Dennison; Robert Denton; Robert Denton, Administrator of the Estate of George F. Gallagher, deceased; Mrs. Henry Dial; Guy Dixon; Maurice Dodd; A. J. Dodge; Dodge-Neveda Canal Company; David Dodge; Mrs. Lyman Dodge; Thomas Dodge; J. M. Dominges; Claro Domingues; Carl M. Donaldson; Mira B. Doran; Mrs. Lily Duke; Duncan Canal Company; Gus Duncan; Duncan Union High School District; J. W. Earven; Tracy Eastman; Benjamin Echols; Byron Echols; M. B. Echols; Ramolda Elias; H. B. Elledge; Joseph C. Elledge; R. E. Elledge; W. H. Elledge; Christobell G. Ellis; Davidssel Ellsworth Ernest Ellsworth; Francis Ellsworth; William Ellsworth; Mrs. Charlotte F. Elmer; G. I. Elmer; Mrs. Sarah S. Elmer; Frank C. Elwell; Hart D. Empie; Miguel Encinas; Catalina Entzinger; Mrs. Belle Epley; John C. Epley; Joe Erny; Jesus Espinosa; Jose T. Espinosa; P. Estrada; Austin Evans; George C. Evans; John Evans; E. C. Eyring; Amadeo Fajardo; C. E. Farley; J. A. Farley; Lather Farley; A. M. Farmer; F. A. Farrell; C. J. Farrington; Amos F. Fearin; Juan S. Feliz; Manuel S. Feliz; Pedro S. Feliz; Salvadore S. Feliz; J. W. Felsbaw; H. M. Fennemore M. P. Ferguson; F. M. Ferrell; C. E. Ferrin; Ether S. Ferrin; Robert Ferrin; W. M. Ferrin; Fidelity Savings & Loan Association; Jose Figuerroa; J. H. Fine; First National Bank of Florence C. A. Fitzgerald; Seth P. Fletcher; Florence-Casa Grande Water User's Association; Town of Florence; Elias Flores; Mora Floyd; Joseph E. Follett; I. A. Follett; L. L. Follett; W. L. Follett; George Foote; J. W. Foote; Orson F. Foote; W. R. Foote; Fort Thomas Consolidated Canal Company; Hugh Foster; J. A. Foster; John H. Foster; Karl Foster; S. A. Foster; W. F. Foster; Fourness Canal Company; Mrs. Clara Fourness; J. L. Foutz; J. R. Fowler; Ernesta Francese, Administratrix of the Estate of Frank Francese, deceased; Augustin Franco; Pedro Franco; Franklin Irrigation District; J. J. Fraser; James D. Freeman; J. L. Freeman; M. S. Freeman; Alma Freestone; Charles E. Freestone; R. L. Freestone; P. H. Freudenthal; R. H. Friestone; Archie Fuller; Lawrence Fuller; Thomas F. Fuller; William Fuller; J. B. Fullerton; May E. Furbach; Millard Fyfe; Kathrina Gack; B. J. Gale; Mrs. E. A. Gale; I. B. Gale; Otto Gale; W. T. Gale; E. Gallego; James A. Gamble; L. D. Gamble; Casimiro Garcia; G. Garcia; Jesus Garcia; Jose B. Garcia; Juan Garcia; Marajilda Garcia; Rafael Garcia; Tomas Garcia; Victoriano Garcia; Thomas Gardner; F. N. Gault; Ramon Gauna; Fernando Gervantez; Charles Gietz; Gila Valley Irrigation District; M. L. Gilbert; W. A. Gill; Albert Gillespie; Edward L. Gillespie; James Gillespie; Shell Gillespie; William H. Gillespie; Aubra Gilliland; Forrest Gilliland; J. M. Gilliland; R. C. Gilliland; J. R. Gilmore; Emil Girard; T. H. B. Glasspie; Nellie R. Gochenouer; J. R. Golding; Mrs. S. C. Gonzales; Trivio Gonzales; Mrs. Francis Goodman; George A. Gourley; H. Grady; Graham Canal Company; County of Graham, State of Arizona; George I. Graham; Mattie Graham; Epitacio Granillo; J. L. Green; Reece D. Green; Joseph Greene; Joseph Greenhalgh; R. H. Greenhalgh; J. W. Greenhalgh; J. M. Grijalva; Merejildo Grijalva; C. J. Grover; A. C. Gruwell; John Hagan; Virginia Hales; John Hamilton; Hugh C. Hamman; A. T. Hammons; Recelver; Annie B. Hancock; E. E. Hancock; Ira Hancock; Jesse A. Hancock; M. M. Hancock; May Catlin Hansen; H. B. Harms; A. Harper; John H. Harper; H. B. Harris; M. L. Harris; Waide Harris; J. B. Harsha; Delbert Hatch; George L. Hatch; G. J. Hatch; G. Lynn Hatch; Vernon W. Havins; Elijah Hawkins; J. N. Hawkins; C. D. Haynie; L. B. Head; George W. Healy; J. L. Henderson; C. M. Hendricks; John Hendricks; Sam Henry; Grady L. Herring; W. E. Herron; C. C. Hester; O. L. Hext; Spence C. Heywood; C. N. Higgins; Heber M. Higgins; Floyd Hightower; C. F. Hill; J. W. Hill; Mrs. Clara Hinton; Nellie R. Hoob; Calvin Hocker; F. M. Holiday; Scott Holladay; S. N. Holman; J. N. Holyoak; William H. Holyoak; Mrs. Arthus Hoopes; Bert Hoopes; H. E. Hoopes; John L. Hoopes; George A. Hoopes; C. F. Houlihan; E. D. Householder E. D. Howard; J. M. Howard; Joseph Howard; S. D. Howard; Almera Hubbard; Thomas H. Hundley; A. C. Hunt; Sarah A. Hunt; Mrs. S. J. Hunter; Mrs. W. E. Irwin; Zeb Ison; George P. Jacobson; Martin Jacobson; P. J. Jacobson; Edith B. Jamieson; F. P. Jamieson; James C. Jayne; S. L. Jenkins; S. P. Jenkins; James Jensen; M. N. Jensen; Milton N. Jensen; Rachel Jensen; David Johns; Charles F. Johns; D. L. Johns; J. C. Johns; L. A. Johns; R. T. Johns; S. L. Johns; W. A. Johns; Mrs. William Johns; Delbert Johnson; D. C. Johnson; E. R. Johnson;

G. W. Johnson; Norman J. Johnson; P. Johnson; Thomas H. Johnson; Orlando Jolly; F. W. Jones; James E. Jones; John B. Jones; Mary Jane Jones; Parley P. Jones; Richard J. Jones; T. V. Jones; Willard E. Jones; Julia R. Julian; David Jurado; Culver Kartchner; Leo Kieffer; A. E. Keller; P. M. Kelly; Mrs. S. L. Kemp; Bell Kempton, Administratrix of the Estate of A. N. Bryce, deceased; A. J. Kempton; Asa B. Kempton; Calvin I. Kempton; Fred Kempton; Heber Kempton; Ira N. Kempton; Mrs. Margaret R. Kempton; R. H. Kempton; Donald Kennedy; J. D. Kennison; Fred R. Kenower; Ola R. Kenower; Charles Kerby; W. M. Kerby; W. O. Kidder; George Killian; Heber C. Kimball; Spencer Kimball; Thomas S. Kimball; F. E. Kirkpatrick; Richard Kirtland; H. B. Klingsenberg; Edith Knapperberger; Frank Knapperberger; William G. Knight; Anna E. Kochsmeier; Frederick Kochsmeier; Henry Kochsmeier; Gustav Kratzka; Charles Kruger; Cora Kruger; James J. Kruse; Ed Lacy; J. E. LaFleur; E. M. Lambson; A. O. Lamoreaux; A. O. Lamoreaux, Jr.; Guy W. Lamoreaux; R. D. Lamoreaux; W. W. Lane; Rafael O. Larona; Maude Larsen; Beatrice Larson; Charles S. Larson; C. O. Larson; Earl Larson; Ephriam Larson; James M. Larson; Joe Larson; Lehi Larson, Sr.; Maroni Larson; Mildred B. Larson; Mrs. Ollive Larson; Orvill Larson; William Larson; Dirk Lay; Elizabeth L. Lay; Alex Layton; Layton Corporation of the Church of Jesus Christ of Latter Day Saints; A. T. Layton; Charles M. Layton; C. M. Layton, Jr.; H. W. Layton; James Layton; Leslie W. Layton; M. M. Layton; Oscar G. Layton; R. G. Layton, Jr.; Roy A. Layton; Amy T. Leavitt; Lois LeBaron; Art Lee; Claude M. Lee; J. D. Lee; J. Y. Lee; Marion Lee; Mrs. W. A. Lewis; Mrs. Nisia Lindsey; Al Lines; Henry Lines; Joseph H. Lines; David A. Little; A. N. Livvix; W. W. Lloyd; Minnie Lobb; T. A. Lonergan, Administrator of the Estate of W. H. Lonergan; Anna H. Lunt; Edward Lunt; George A. Lunt; G. V. Lunt; Heaton Lunt; Owen Lunt; P. L. Lunt; Randall Lunt, Administrator of the Estate of Jasper Gale, deceased; R. H. Lunt; Charles Luster; R. L. McAllister; May H. McBenett; D. C. McBride; James A. McBride; Laura McBride; P. H. McBride; P. H. McBride, Jr.; W. E. McBride; A. L. McCann; Alpha E. McCann; Minnie M. McCann; James K. McCarty; W. V. McCarty; Mrs. Laura McCullom; Mitchell McDonald; Carrie McDowell; M. W. McDowell; C. J. McElroy; Martha McElroy; A. F. McEuen; E. W. McEuen; M. P. McEuen; Virgil R. McEuen; Ernest W. McFarland; Gertrude B. McGee; J. F. McGrath; Thomas McGuire; Glen C. McKenzie; R. J. McLaren; Gordon McMurray; Elizabeth P. McMurray; H. H. McNeil; M. J. Mablin; A. O. Mack; C. M. Mack; Henry H. Mack; J. A. Mack; William S. Mack; Robert Mackey; Abran Madrid; James Mallon; W. J. Mallon; Angus Maloy; G. B. Maloy; M. D. Maloy; Melanie Mandell; Clark Mangum; William Manske; S. Marcus; Rita Marquez; Ivey Marshall; Ralph K. Marshall; S. S. Marshall; W. G. Marshall; Joe Marta; C. C. Martin; Clarence Martin; David Omer Martin; Elizabeth M. Martin; J. A. Martin; J. B. Martin; J. S. Martin; Mrs. W. F. Martin; Juan Martinez; G. V. Massey; Mrs. L. A. Massey; Ben B. Mathews; George A. Mathews; George Clyde Mathews; Simon Mathews; C. A. Mathews; Mrs. Chloë Mathews; D. H. Mathews; Eliza Matthews; Jane L. Matice; John W. Matice; Lewis P. Matice; Ben Mauer; Josiah J. Maxcy; Kimball Maxham; Mrs. F. M. Medhurst; R. D. Melick; Emma B. Mellinger; Miguel Mens; Manuel Mendez; Damesio O. Meraz; Lillian C. Merchant; E. A. Merrill; Fenley F. Merrill; Gerald Merrill; H. M. Merrill; Martha A. Merrill; Orson A. Merrill; P. C. Merrill; P. C. Merrill, Administrator of the estate of Joe Fensyl, deceased; P. M. Merrill; S. A. Merrill; T. S. Merrill; J. H. Merriman, Executor of the Estate of Alice E. Day, deceased; Miles Messinger; Louis Mitchell; James A. Mitchell; Lillian I. Mitchell; Mable Canal Company; Henry G. Moeller; Sisto Molino; Mary L. Miles; G. W. Miller; R. E. Miller; R. M. Miller; J. L. Mills; Fred M. Mitchell; James A. Mitchell; George Montierth; Leslie Montierth; M. G. Montierth; Wendell Montierth; Edward Moody; Francisco Montez; Jesus Montez; Montezuma Canal Company; Robert M. Montgomery; E. E. Montierth; George Moore; J. R. Moore; R. C. Moore; Ethel M. Moorehouse; Rolland H. Moorehouse; Vashti B. Moorehouse; Edwin Moody; J. M. Moody; Theodore H. Moody; Winford Moody; Fayette Moore; J. R. Moore; Frank Morris; George Albert Morris; John W. Morris; Robert Morris; William Morris; Hans Mortensen; Hiram K. Mortensen; Jose Morales; Mrs. Belle Morris; Cicero Morris; E. M. Morris; Frank Morris; Peter Mortensen; W. T. Mosley; C. N. Motes; D. T. Motes; Ernest Motes; P. L. Motes; L. D. Motes; L. G. Moyers; W. F. Moyers; Anna M. Moyes; J. Alfred Mortensen; M. Mortensen; O. Mortensen; Peter Mortensen; W. T. Mosley; C. N. Motes; D. T. Motes; Ernest Motes; P. L. Motes; L. D. Motes; L. G. Moyers; W. F. Moyers; Anna M. Moyes; Joseph Moyes; Margaret L. Murphy; J. S. Murry; L. S. Murry; M. N. Nafziger; E. R. Nallon; J. R. Nallon; Robert L. Nash; Amanda Nations; Aron T. Nelson; L. A. Nelson; W. L. Nelson; Nevada Consolidated Copper Company; E. B. Newman, Administrator of the estate of H. H. Score, deceased; S. W. Newman; C. H. Niemeyer; H. L. Norton, Jr.; H. L. Norton, Sr.; J. E. Norton; Lloyd Norton; P. A. Norton; S. N. Norton; William R. Norton; Catherina A. Norviel; Leon M. Nowell; John Nulton; H. J. Nunn; T. A. Nunn; J. H. Nuttall; J. P. Oberholser; Braulio Ochoba; Lillian O'Connor; Olive J. O'Connor; O. G. Odell; Lewis Olesen; Victorino Olivas; W. Ollerton; Mrs. E. Olsen; Elam Olsen; Oscar Olsen; James Opie; N. Ortiz; Peter D. Overfield; Elsie L. Overly; J. T. Owens, Jr.; O. E. Owens; Mrs. C. R. Pace; Mrs. Isabelle Pace; Nancy O. Pace; W. W. Pace; Asa Packer; E. K. Packer; W. C. Packer; Antonio S. Padilla; Joaquin Padilla; Mrs. Marcelina Padilla; Florence Palamounter; Howard G. Palamounter; E. Palmer; I. J. Palmer; Isaac O. Palmer; Lee L. Palmer; Mrs. Nancy Palmer; Roy Palmer; Van D. Palmer; C. C. Passmore; Lee Patrick; Roy F. Patrick; George W. Pattee; Harlet E. Pattee; Estate of Earl P. Patterson, Thomas D. Derry, Administrator; M. D. Patton; E. C. Payne; G. Q. Payne; Helen A. Payne; H. M. Payne, J. E. Payne, Trustee, Church of Jesus Christ of Latter Day Saints; Junius E. Payne; Leslie E. Payne; Willie K. Pearson; Dan T. Peart, Administrator of the

Estate of Thomas J. Barrett, deceased; George O. Peck; William A. Peck; Calista B. Peel; Emma Pennington; Walter J. Pennington; Mabel Perkins; Maranda Perkins; Juvenal Perolas, Administrator of the estate of Damas De Leon, deceased; Beatrice Perry; Amandus C. Peters; Jacob Peters; Alma Peterson; P. O. Peterson; Wilfred Peterson; Stowe Phelps; Addie Phillips; E. C. Phillips; Jesse C. Phillips; Rudger Phillips; W. U. Philippott; Margaret E. Pierce; Pima Townsite; Pima Corporation of the Church of Jesus Christ of Latter Day Saints; Pinal Investment Company; Frank Pinkley; Eli E. Piper; C. Pirtle; W. A. Pitt; Mrs. M. E. Pittman; Ben T. Platt; W. E. Piatt; E. M. Plumb; Henry E. Plumb; J. M. Plumb; S. V. Pollack; A. T. Pollock; W. M. Pollock; James H. Porter; S. V. Porter; W. A. Posy; W. A. Posy, Administrator of the Estate of Orson Elliott, deceased; Grace P. Pottebaum; Robert H. Pottebaum; D. T. Preston; M. F. Preston; W. J. Preston; Estate of W. Y. Price; Mrs. W. Y. Price; Mrs. Mattie Prins; Alice M. Prouty; Lloyd W. Prouty; W. Scott Prouty; James B. Pruett; Harriett Pulsipher; J. E. Pulsipher; O. I. Purdy; Charles M. Pursley; G. W. Quinn; Jesse B. Quinn; Anastacio Quiros; Margaret Ragsdale; Nance E. Ragsdale; Mrs. Ethel Rainbolt; Oscar Rainville; Edwin Ralph; D. Raper; B. O. Raper; Henderson H. Raybourn; A. V. Read; Miles Reay; Martin J. Reed; Robert E. Reed; Sarah E. Reed; Mrs. W. R. Reed; T. J. Rex; O. Reyes; Carlisle Reynolds; George Reynolds; Mrs. Nancy Reynolds; S. E. Reynolds; J. F. Rhinehart; W. G. Richards; George F. Richards; Farn M. Richardson; Gilbert Richardson; H. G. Richardson; Ralph Richardson; Rebecca Richardson; Sarah L. Richardson; Orson J. Richens; E. W. Richens; R. Richens; David L. Ridgeway; Lito Rios; W. H. Roach; J. R. Robbs; I. P. Robinson; Charles Rogers; David Rogers; H. P. Rogers; Joseph Rogers; Mrs. Louisa Rogers; A. Rohner; Ernest V. Romney; Eugene Romney; Julius Romney; S. H. Rorabaugh; C. N. Rose; Niels J. Roseberry; F. E. Ross; Ralph M. Rounds; Pedro Ruiz; Expedion Sadilla; Town of Safford; Andris V. Salazar; Christiana Salazar; C. B. Sale; Ethlion Saline; John Saline; Jose Saline; W. D. Saline; Jose Samora; San Carlos Irrigation and Drainage District; Abel Sanchez; Adiel Sanchez; Daniel Sanchez; Eliseo Sanchez; F. Sanchez; Isias Sanchez; Manuel Sanchez; D. W. Sanders; George Sanders; W. T. Sanders; San Jose Canal Company; John Sarman; Clarence Scarlett; J. W. N. Scarlett; L. B. Scarlett; W. F. Scarlett; K. M. Schade; B. W. Scholtz; School District No. 1, County of Graham, State of Arizona; School District No. 2, County of Hidalgo, State of New Mexico; School District No. 7, County of Graham, State of Arizona; School District No. 7, County of Hidalgo, State of New Mexico; School District No. 8, County of Graham, State of Arizona; School District No. 11, County of Graham, State of Arizona; School District No. 12, County of Graham, State of Arizona; School District No. 27, County of Greenlee, State of Arizona; School District No. 31, County of Graham, State of Arizona; Frank Schultz; William J. Schultz; J. E. Schurtz; Charles M. Schwab; Emma B. Schwarm; Brooks Scott; Andy Scott; Clara C. Seago; S. E. D. Sears; George P. Sellers; Andreas Serna; Santos Serna; Sexton Canal Company; R. Sexton; Elizabeth Shannon; Charles W. Shannon; Mary L. Shannon; Walter Shayeb; Charles M. Scheafe; Helen S. Scheafe; James S. Sheafe; Mary S. Sheafe; Mrs. John Shields; A. J. Shiflet; Mrs. John Sigler; George W. Sigler; Mrs. E. M. Simmons; J. O. Simmons; Jesse Deiores B. Shirk; Laura Short; Shriver Ditch Company; W. F. Shriver; George R. Shurtz; John Sigfrid; Carrie S. Sigler; George W. Sigler; Mrs. D. E. Smith; E. D. Smith; George W. Smith; Henry L. Smith; H. L. Smith; J. G. Smith; J. M. Smith; Francis M. Skinner; Mrs. Martha Skinner; Heien Slaughtar; A. A. Smith; Mrs. D. E. Smith; Mrs. J. B. Smithson; Smithville Canal Company; Charles F. Solomon; Townsite of Solomonville; V. Soto; Southern Arizona Bank & Trust Company; C. H. Southworth; J. W. Sowell; S. A. Sowell; W. H. Spafford; Herbert G. Sparks; W. D. Spear; Antonio Specia; Emma Spoon, Administratrix of the Estate of J. H. Spoon, deceased; G. C. Springler; Mrs. C. F. Stanley; Albert Stephens; Mary E. Stevens; N. W. Stevenson; T. J. Stewart; A. L. Stewart; Dugald Stewart; M. E. Stewart; Pratt Stewart; George W. Stinson; T. V. Stokes; Walter W. Stovall; W. P. Stover; John Stowe; Brigham Stowell; Lee N. Straton, Administrator of the Estate of Mrs. N. A. Bell, deceased; Mathews Stuart; E. P. Stuermer; Nicholas Suarez; Tim Sullivan; H. B. Summers; W. R. Summers; Sunflower Canal Company; Sunset Canal Company; Surety Abstract & Realty Co.; J. C. Swan; Estate of John W. Sweeney, Sam Sweeney, Administrator; Florence R. Swofford; D. V. A. Talley; James M. Talley; J. T. Talley; T. Hugh Talley; Van Talley; K. V. B. Talley; Chas. F. Tantlinger; A. V. Tate; H. M. Tate; F. R. Taylor; John E. Taylor; L. M. Taylor; Sarah Taylor; William C. Taylor; William H. Taylor; P. H. Teeple; Charles Teiles; S. E. Tellyer; S. B. Tenny, Jr.; Frank A. Thacker; Alva Thatcher; L. M. Thatcher; Town of Thatcher; Augusta Thor; Fred Thor; H. D. Thornton; E. Thyngerson; John Tidwell and E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased; Ida Tidwell; Tidwell Canal Company; Mae Tiffany; Sam R. Tilley; George A. Todd; John T. Traylor; Mrs. Billie Treat; James R. Treat; Don A. Trekkell; Louise M. Trekkell; S. Louise Trekkell; Mary E. Truman; W. D. Tucker; E. S. Turville; W. O. Tuttle; Frank N. Tyler; Oscar Tyler; William O. Tyler; N. P. Tyron; Union Canal Company; Mrs. A. C. Urban; F. A. Urban; H. C. Usher; George Utter;



Estate of Thomas J. Barrett, deceased; George O. Peck; William A. Peck; Calista B. Peel; Emma Pennington; Walter J. Pennington; Mabel Perkins; Maranda Perkins; Juvenal Perolas, Administrator of the estate of Damas De Leon, deceased; Beatrice Perry; Amanda C. Peters; Jacob Peters; Alma Peterson; P. O. Peterson; Wilfred Peterson; Stowe Phelps; Addie Phillips; E. C. Phillips; Jesse C. Phillips; W. U. Philippott; Margaret E. Pierce; Pima Townsite; Pima Corporation of the Church of Jesus Christ of Latter Day Saints; Pinal Investment Company; Frank Pinkley; Eli E. Piper; C. Pirtle; W. A. Pitt; Mrs. M. E. Pittman; Ben T. Piatt; W. E. Piatt; E. M. Plumb; Henry E. Plumb; J. M. Plumb; S. V. Pollack; A. T. Pollock; W. M. M. Pollock; James H. Porter; S. V. Porter; W. A. Posy; W. A. Posy, Administrator of the Estate of Orson Elliott, deceased; Grace P. Pottebaum; Robert H. Pottebaum; D. T. Preston; W. F. Preston; M. F. Preston; W. J. Preston; W. Y. Price; Mrs. W. Y. Price; Mrs. Mattie Prina; Alice M. Prouty; Lloyd W. Prouty; W. Scott Prouty; James B. Pruett; Harriett Pulsipher; J. E. Pulsipher; O. I. Purdy; Charles M. Pursley; G. W. Quinn; Jesse B. Quinn; Anastacio Quiros; Margarete Ragsdale; Nance E. Ragsdale; Mrs. Ethel Rainbolt; Oscar Rainville; Edwin Ralph; D. Raper; B. O. Raper; Henderson H. Raybourn; A. V. Read; Miles Reay; Martin J. Reed; Robert E. Reed; Sarah E. Reed; Mrs. W. R. Reed; T. J. Rex; O. Reyes; Carlisle Reynolds; Mrs. Nancy Reynolds; S. E. Reynolds; J. F. Rhinehart; W. G. Richards; George F. Richards; Farn M. Richardson; Gilbert Richardson; H. G. Richardson; Ralph Richardson; Rebecca Richardson; Sarah L. Richardson; Orson J. Richens; E. W. Richens; R. Richens; David L. Ridgeway; Lito Rios; W. H. Roach; J. R. Robbs; I. P. Robinson; Charles Rogers; David Rogers; H. P. Rogers; Joseph Rogers; Mrs. Louisa Rogers; A. Rohner; Ernest V. Romney; Eugene Romney; Julius Romney; S. H. Rorabaugh; C. N. Rose; Ralph M. Rounds; Pedro Ruiz; Expedion Sadilla; Town of Safford; Andris V. Salazar; Christiana Salazar; C. B. Sale; Ethilon Saline; John Saline; Roy Saline; W. D. Saline; Jose Samora; San Carlos Irrigation and Drainage District; Abel Sanchez; Adiol Sanchez; Daniel Sanchez; Eliseo Sanchez; F. Sanchez; Isias Sanchez; Manuel Sanchez; D. W. Sanders; George Sanders; W. T. Sanders; San Jose Canal Company; John Saxman; Clarence Scarlett; J. W. N. Scarlett; L. B. Scarlett; W. F. Scarlett; K. M. Schade; B. W. Scholtz; School District No. 1, County of Graham, State of Arizona; School District No. 2, County of Hidalgo, State of New Mexico; School District No. 7, County of Graham, State of Arizona; School District No. 7, County of Hidalgo, State of New Mexico; School District No. 8, County of Graham, State of Arizona; School District No. 11, County of Graham, State of Arizona; School District No. 12, County of Graham, State of Arizona; School District No. 27, County of Greenlee, State of Arizona; School District No. 31, County of Graham, State of Arizona; Frank Schultz; William J. Schultz; J. E. Schurtz; Charles M. Schwab; Emma B. Schwarm; Brooks Scott, Andy Scott; Clara C. Seago; S. E. D. Sears; George P. Sellers; Andreas Serna; Santos Serna; Sexton Canal Company; R. Sexton; Elizabeth Shannon; Charles M. Shannon; Mary L. Shannon; Walter Shayeb; Charles M. Scheafe; Helen S. Scheafe; James S. Sheafe; Mary S. Sheafe; Mrs. John Shields; A. J. Shifflet; Chloran B. Shifflet; J. S. Shifflet; R. R. Shipp; Delores B. Shirk; Laura Short; Shriver Ditch Company; W. F. Shriver; George R. Shurtz; John Sigfrid; Carrie S. Sigler; George W. Sigler; Mrs. E. M. Simmons; J. O. Simmons; Jesse B. Simms; Sinclair Realty Company; Maroni Skinner; Francis M. Skinner; Mrs. Martha Skinner; Heien Slaughter; A. A. Smith; Mrs. D. E. Smith; E. D. Smith; George W. Smith; Henry L. Smith; H. L. Smith; J. G. Smith; J. M. Smith; Joanna Smith; L. W. Smith; M. M. Smith; Nancy A. Smith; R. A. Smith, Sr.; Mrs. W. R. Smith; Mrs. J. B. Smithson; Smithville Canal Company; Charles F. Solomon; Townsite of Solomonville; V. Soto; Southern Arizona Bank & Trust Company; C. H. Southworth; J. W. Sowell; S. A. Sowell; W. H. Spafford; Herbert G. Sparks; W. D. Spear; Antonio Specia; Emma Spoon, Administratrix of the Estate of J. H. Spoon, deceased; G. C. Springer; Mrs. C. F. Stanley; Albert Stephens; Mary E. Stevens; N. W. Stevenson; T. J. Stewart; A. L. Stewart; Dugald Stewart; M. E. Stewart; Pratt Stewart; Mrs. R. S. Stewart; George W. Stinson; T. V. Stokes; Walter W. Stovall; W. P. Stover; John Stowe; Brigham Stowell; Lee N. Straton, Administrator of the Estate of Mrs. N. A. Bell, deceased; Mathews Stuart; E. P. Stuermer; Nicholas Suarez; Tim Sullivan; H. B. Summers; W. R. Summers; Sunflower Canal Company; Sunset Canal Company; Surety Abstract & Realty Co.; J. C. Swan; Estate of John W. Sweeney, Sam Sweeney, Administrator; Florence R. Swofford; D. V. A. Talley; James M. Talley; J. T. Talley; T. Hugh Talley; Van Talley; K. V. B. Talley; Chas. F. Tantlinger; A. V. Tate; H. M. Tate; F. R. Taylor; John E. Taylor; L. M. Taylor; Sarah Taylor; William C. Taylor; William H. Taylor; P. H. Teeple; Charles Telles; S. E. Teliyer; S. B. Tenny, Jr.; Frank A. Thackery; Alva Thatcher; L. M. Thatcher; Town of Thatcher; Augusta Thor; Fred Thor; H. D. Thornton; E. Thygerson; John Tidwell and E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased; Ida Tidwell; Tidwell Canal Company; Mae Tiffany; Sam R. Tilley; George A. Todd; John T. Traylor; Mrs. Billie Treat; James R. Treat; Don A. Trekel; Louise M. Trekel; S. Louise Trekel; Mary E. Truman; W. D. Tucker; E. S. Turville; W. O. Tuttle; Frank N. Tyler; Oscar Tyler; William O. Tyler; N. P. Tyron; Union Canal Company; Mrs. A. C. Urban; F. A. Urban; H. C. Usher; George Utter;

The Valley Bank and Trust Co.; Valley Canal Company; Calbert L. Vance; Viola C. Vance; George Van Gausig; Ed G. Van Haren; Harry Van Order, Administrator of the Estate of Harry Van Order, deceased; Jose Varale; Antonio Vasquez; Gregorio Vasquez; Emula Viala; Augustine Villar; Joe Villar; Jose Villareal; Virden Irrigation District; W. R. Waddell; Peter Wahlin; George P. Walker; Jerome Walker; J. P. Walker; Charles Wamslee; Mrs. J. C. Wamslee; Mattie Wamslee; T. W. Wamslee; William Wamslee; Harry Ward; Roy S. Ward; Alvin Warner; Mrs. H. E. Warner; C. E. Waterbury; Josie Waterbury; Henry A. Waters; Charles Watson; Lorenzo Watson; J. L. T. Watters; Fred Waughtal; Katie E. Weaver; Fred Webb; J. D. Webb; F. A. Webster; O. F. Webster; O. F. Webster, Administrator of the Estate of Thomas G. Webster, deceased; William Webster; A. E. Weech; Adam Welker; Arthur Welker; C. D. Welker; J. A. Welker; R. A. Welker; Willard Welker; A. T. West; John West; Adolphus Weyrick; B. Y. Whipple; Mrs. M. C. White; Natalia M. White; West White; Dorcas E. Whitlow; B. F. Whitmer, Jr.; B. F. Whitmer, Sr.; Mrs. Mildred Whitmer; Joe Whittridge; Fred H. Wiener; H. B. Wiggins; W. W. Wild; W. W. Wilkey; A. A. Wilkins; Mrs. Charlotte Wilkins; D. E. Wilkins; E. J. Wilkins; J. D. Wilkins; Dan Williams; Lila Williams; Nephie Williams; Roy D. Williams; S. O. Williams; Isaac Williamson; Mrs. T. M. Williamson; T. L. Willis; Josephine R. Willis; B. A. Wilson; George A. Wilson; J. M. Wilson; Mrs. Virginia R. Wilson; Mrs. W. A. Wilson; Sophie Wind; Page S. Windham; Alonzo Winsor; F. M. Woodward; Jessie F. Woody; W. A. Woolsey; N. C. Wright; George W. Wyatt; Soren Yensen; Carrie B. Yett; York Canal Company; York Cattle Company; Dan Young; Mrs. G. R. Young; Elsie De Wolf Zellweger; and John Hicks; J. T. Massey; Estate of Lola W. Lee, Dan T. Peart, Administrator; Ray Consolidated Copper Company; Valley Bank of Phoenix; and Kennecott Copper Corporation.

Defendants.

## D E C R E E

This cause came on to be heard at this term, and thereupon it was shown to the court:

That the plaintiff and the parties defendant whose claims and rights have been presented by answer or stipulation and remain for determination herein, have concluded and settled all issues in this cause as between plaintiff and said parties defendant, and as between said defendants and each of them and every other thereof, and mutually have agreed — all as evidenced, for plaintiff, by the assenting signatures, endorsed at the end hereof, of its solicitors of record and the Attorney General and Secretary of the Interior of the United States, and for said defendants, by the assenting signatures, likewise endorsed at the end hereof personally, or of their several solicitors of record — that such settlement should be embodied in and confirmed and made effective by way of the within decree of the Court in this cause, defining and adjudicating their claims and rights as against each other in identical form and substance as hereinafter set forth; and the Court upon consideration thereof and of the record herein as to the disposal of the parties defendant who have been separated from the cause, and being duly informed in said premises, doth find, order, adjudge, and declare its decree herein to be as follows, namely:

## I

That by the orders of this Court dated January 22, 1929, and March 11, 1930, this suit and the amended complaint herein, upon the motion of plaintiff, were dismissed as to defendants;

John S. Abbott; Charles A. Adams; A. Allen; Francisco Alvidrus; Paul Beeker; George P. Bennett; Mary E. Benscoe; Bentz Brothers;  
 J. W. Bentz; George A. Bigler; C. O. Billingsley; Est. of Paul Blackmore; B. A. Boyles; Sam Brown; Newton Bradley; Juan Cachon;  
 Ella Carpenter; J. C. Carpenter; Rachel Carr; John Castro; Chono Celayo; Tim Chapman; Ben M. Crawford; W. J. Davis; G. H. Dinsmore;  
 John Eastman; Dud Eldridge; J. F. English; Helen T. French; Mattie M. Hall; Hawkins & Simms Milling & Irrigating Company; A. W.  
 Heath; Mrs. Clara Hicks; James Henshall; Jacob Hildebaugh; J. I. Hinkle; J. P. Hinkle; A. M. Hooper; Roger Hoopes; J. G. Hopkins;  
 R. T. Horrell; Arthur Houser; S. L. Johns; Bennet J. Kellner; Ernest F. Kellner; H. D. Kepper; J. H. Kerby; J. H. Lacey; John  
 Laffey; Louise LeBaron; James LeHoxi; W. A. Leonard; Mrs. Frank Lewis; J. W. Lightfoot; George Lobb; Gordon McLean; B. Mately;  
 Rafael Memos; Manrico Mijia; Sidney B. Moeur; E. C. Montgomery; Charles Morrell; Reputhio Moriz; George Olmstead; Lillian W.  
 Peart; James A. Perkins; Marie C. Peters; S. K. Phillips; Frederick M. Putnam; John Ralston; Gabriel Robles; H. N. Russel; Victor-  
 iana Ruiz; J. Ryan; H. Salazar; Manuel Serano; S. Schultz; Charles H. Vann; Walter Shayeb; Estate of Charles R. Sliagh; Molberto  
 Subis; Edward H. Sincclair; George Thompson; Jose Tonis; J. G. Turney; Manuel Urriaga; Elijah Urriaga; Judd Webster; George W.  
 Wells; and O. H. Brown;  
 W. L. Cauthen; W. R. Elliott; William Jackson; J. F. Kepper; D. T. McGuire; and H. B. Sweeting;

it having been found and determined by the Court in that relation that they and each of them were not proper or necessary parties defendant in this cause; which said action of the Court in these premises is hereby confirmed.

## II

That by way of amended complaint, as filed herein on the 5th day of December, A. D., 1927, and orders of this Court bringing in new parties defendant under said amended complaint,

## D E C R E E

This cause came on to be heard at this term, and thereupon it was shown to the court:

That the plaintiff and the parties defendant whose claims and rights have been presented by answer or stipulation and remain for determination herein, have concluded and settled all issues in this cause as between plaintiff and said parties defendant, and as between said defendants and each of them and every other thereof, and mutually have agreed — all as evidenced, for plaintiff, by the assenting signatures, endorsed at the end hereof, of its solicitors of record and the Attorney General and Secretary of the Interior of the United States, and for said defendants, by the assenting signatures, likewise endorsed at the end hereof personally, or of their several solicitors of record — that such settlement should be embodied in and confirmed and made effective by way of the within decree of the Court in this cause. defining and adjudicating their claims and rights as against each other in identical form and substance as hereinafter set forth; and the Court upon consideration thereof and of the record herein as to the disposal of the parties defendant who have been separated from the cause, and being duly informed in said premises, doth find, order, adjudge, and declare its decree herein to be as follows, namely:

## I

That by the orders of this Court dated January 22, 1929, and March 11, 1930, this suit and the amended complaint herein, upon the motion of plaintiff, were dismissed as to defendants;

John S. Abbott; Charles A. Adams; A. Allen; Francisco Alvidrus; Paul Beeke; George P. Bennett; Mary E. Benscoe; Bentz Brothers;  
 J. W. Bentz; George A. Bigler; C. O. Billingsley; Est. of Paul Blackmore; B. A. Boyles; Sam Brown; Newton Bradley; Juan Cachon;  
 Ella Carpenter; J. C. Carpenter; Rachel Carr; John Castro; Chono Celayo; Tim Chapman; Ben M. Crawford; W. J. Davis; G. H. Dinsmore;  
 John Eastman; Dud Eldridge; J. F. English; Helen T. French; Mattie M. Hall; Hawkins & Simms Milling & Irrigating Company; A. W.  
 Heath; Mrs. Clara Hicks; James Henshall; Jacob Hildebaugh; J. I. Hinkle; J. P. Hinkle; A. M. Hooper; Roger Hoopes; J. G. Hopkins;  
 R. T. Horrell; Arthur Houser; S. L. Johns; Bennet J. Kallner; Ernest F. Kallner; H. D. Kepper; J. H. Kerby; J. H. Lacey; John  
 Laffey; Louise LeBaron; James LeHoxi; W. A. Leonard; Mrs. Frank Lewis; J. W. Lightfoot; George Lobb; Gordon McLean; B. Mately;  
 Rafael Memos; Manrico Mijia; Sidney B. Moeur; E. C. Montgomery; Charles Morrell; Reputio Moriz; George Olmstead; Lillian W.  
 Peart; James A. Perkins; Marie C. Peters; S. K. Phillips; Frederick M. Putnam; John Ralston; Gabriel Robles; H. N. Russel; Victor-  
 iana Ruiz; J. Ryan; H. Salazar; Manuel Serano; S. Schultz; Charles H. Vann; Walter Shayeb; Estate of Charles R. Sligh; Nolberto  
 Subia; Edward H. Sinclair; George Thompson; Jose Tonis; J. G. Turney; Manuel Uriiaga; Elijah Uriiaga; Judd Webster; George W.  
 Wells; and O. H. Brown;  
 W. L. Cauthen; W. R. Elliott; William Jackson; J. F. Kepper; D. T. McGuire; and H. B. Sweeting;

it having been found and determined by the Court in that relation that they and each of them were not proper or necessary parties defendant in this cause; which said action of the Court in these premises is hereby confirmed.

## II

That by way of amended complaint, as filed herein on the 5th day of December, A. D., 1927, and orders of this Court bringing in new parties defendant under said amended complaint,

this suit and the amended complaint herein were directed against each and all of the defendants named below, to-wit:

D. Bertoglio; Beatrice Perry; and H. B. Wiggins;  
 Also, James R. Pruett; Antonio Specia and H. B. Summers;  
 Also, American Smelting and Refining Company; A. A. Anderson; John N. Anderson; Mary A. Antenoil; Estate of Walter Baity, Homer H. Martin, Administrator; J. W. Baker; Henry Bamesberger; Ruth R. Barham; Estate of Thomas Barrett, Dan T. Peart, Administrator; Pansy Kenower Bartlett; Madelene Bassler; Albert C. Becken; Grace R. Becken; Charles F. Bennett; Jarvus D. Bennett; Francis D. Blair; Clifton Bogard; C. D. Bradley; Ida M. Bradley; John R. Bradshaw; Esther A. Brockway; Ira S. Brayton; Marshall F. Brockway; Charlotte Hall Brown; Elizabeth Brown; J. P. Brown; Sarah B. Brown; Thresa Hall Brown; Estate of W. F. Brown, P. D. Overfield, Administrator; John J. Buggs; John W. Burris; Lee Robinson Burris; L. B. Cadwell; Casa Grande Valley Bank; Mike Celeya; Estate of W. B. Charlton, John E. Charlton, Administrator; Albert J. Christensen; Edith M. Clemans; Hazel H. Clemans; Winnsfred W. Clemans; W. J. Clemans, Jr.; W. P. Clements; Mrs. Charles E. Cleveland; Inez H. Conrad; Thomas A. Crow; Jennie Davidson; Maurice Dodd; Tracy Eastman; Christoball G. Ellis; Joe Erny; Jesus Espinosa; Jose T. Espinosa; Salvador S. Feliz; C. A. Fitzgerald; James D. Freeman; Fidelity Savings & Loan Association; First National Bank of Florence; May E. Furback; Kathrina Gack; Estate of George F. Gallagher, Robert Denton, Administrator; L. D. Gamble; M. L. Gilbert; George F. Graham; Nellie R. Gochenouer; Joseph Greene; Virginia Hales; John Hamilton; A. T. Hammons, Receiver; May Catlin Hansen; J. B. Harsha; Vernon W. Hayvins; John Hendricks; W. E. Herron; Edith B. Jamieson; James C. Jayne; E. R. Johnson; Richard J. Jones; Julia R. Julian; Fred R. Kenower; Oia R. Kenower; H. B. Kiingenberg; Anna E. Kochsmeier; Frederick Kochsmeier; Henry Kochsmeier; Maria Kochsmeier; Gustav K. Kratzka; James J. Kruse; J. E. LaFleur; W. W. Lane; Dirk Lay; Elizabeth L. Lay; Estate of Lola W. Lee, Dan T. Peart, Administrator; David A. Little; Minnie Lobb; Estate of W. H. Lonergan, T. A. Lonergan, Administrator; May H. McBeunett; A. L. McCann; Alpha E. McCann; Minnie M. McCann; James K. McCarty; Carrie McDowell; M. W. McDowell; Gertrude B. McGee; Glen C. McKenzie; Elizabeth P. McMurray; Melanie Mendell; Rita Marquez; Ivey Marshall; Ralph K. Marshall; Joe Marta; David Omer Martin; Ben B. Mathers; Josiah J. Marcy; R. D. Melick; Lillian C. Merchant; John B. Michea; J. L. Mills; Mary L. Miles; R. M. Miller; Lillian I. Mitchell; Henry G. Mceller; Fayette Moore; Ethel M. Moorehouse; H. W. Moorehouse; Vashti B. Moorehouse; Margarete L. Murphy; J. S. Murry; C. H. Niemeyer; Lillian O'Connor; Olive J. O'Connor; Lewis Olesen; Antonio S. Padilla; Florence Palamounter; Howard G. Palamounter; Lee Patrick; Roy F. Patrick; George W. Pattee; Harriet E. Pattee; Estate of Earl P. Patterson, Thomas D. Derry, Administrator; Willie K. Pearson; Emma Pennington; Walter J. Pennington; Amandus C. Peters; Addie Phillips; Margaret E. Pierce; Pinal Investment Company; Frank Pinkley; Eli E. Piper; W. M. Pollock; Grace P. Pottebaum; Robert H. Pottebaum; Estate of W. Y. Price; Mrs. W. Y. Price; Alice M. Prouty; Lloyd W. Prouty; W. Scott Prouty; Edwin Ralph; Henderson H. Raybourn; A. V. Read; Martin J. Reed; Fern M. Richardson; H. G. Richardson; S. H. Rorebaugh; Ralph M. Rounds; Andris V. Salazar; Christiana Salazar; John Saxman; B. W. Scholtz; Estate of Elizabeth Schultz, Fred T. Armstead, Administrator; William J. Schultze; Charles M. Schwab; Emma B. Schwarm; Clara C. Seago; George P. Sellers; Mary S. Scheafe; Elizabeth Shannon; Mary L. Shannon; Chlora B. Shiflet; John Sigfrid; Carrie S. Sigler; George W. Sigler; J. O. Simmons; Southern Arizona Bank & Trust Company; Herbert G. Sparks; G. C. Springer; Mary E. Stevens; T. V. Stokes; Walter W. Stovall; Tim Sullivan; Surety Abstract & Realty Company; J. C. Swan; Estate of John W. Sweeney, Sam Sweeney, Administrator; Chas. F. Tantlinger; S. E. Tellyer; Frank A. Thackery; Augusta Thor; Fred Thor; Mae Tiffany; Mrs. Billie

Treat; S. Louise Trekell; Mary E. Truman; E. S. Turville; Mrs. A. C. Urban; F. A. Urban; Valley Bank of Phoenix; Calbert L. Vance; Viola C. Vance; Ed G. Van Haren; Gregorio Vasquez; Augustine Villiar; Joe Villiar; George P. Walker; Harry Ward; Roy S. Ward; C. E. Waterbury; Josie Waterbury; Katie E. Weaver; Adolphus Weyrick; Natalia M. White; Dorcas E. Whitlow; Josephine R. Wills; Sophia Wind; Jessie P. Woody; Soren Yensen; and Elsie DeWolf Zellweger;

That original process thereunder by way of Subpoena Ad Respondendum, or by Court Order under section 57 of the Judicial Code, was duly issued and served, with a copy of the amended complaint, upon each of the aforementioned defendants, and each of said defendants failed and neglected to make or file an answer or otherwise defend or make a plea to said amended complaint as required by Rule 16 of the Rules of Practice for Courts of Equity of the United States; that orders taking the amended complaint as confessed by them and each of them were duly made herein and entered in the Order Book on the 25th day of November, 1929, the 11th day of March, 1930 and on the 19th day of December, 1934, in the office of the Clerk of this Court; each such order being so made and entered after the failure of each of the particular defendants named therein to make answer, defense or other plea as aforesaid; that no proceeding has been taken or initiated by them or any of them since the entry of said orders, and each thereof; and said defendants and each and every of them are now and remain in default of any answer, defense or other plea herein, and more than 30 days have elapsed since the entry of said orders and each thereof.

That under the orders Pro Confesso aforesaid, the amended complaint is taken as confessed, and it is ordered, adjudged and decreed herein, that the defendants above named in this article and each thereof, as against any of the parties plaintiff or defendant in this cause, their assigns or successors in interest, or their rights as herein decreed; that said defendants and each of them have no right to the use of water from the Gila River as against the parties to this action other than those set up in this decree, and they and each of them and, their heirs, executors, administrators and assigns or successors in interest are debarred and estopped from asserting or claiming any different or other, right, title or interest in or to the water or the use of any water from the Gila River as against the rights of the plaintiff and those of the defendants determined and set up in this decree.

### III

That, upon the motion of the plaintiff, by Order of this Court dated March 30, 1935, this suit and the amended complaint herein were dismissed without prejudice as to the following defendants, to-wit:

S. B. Blake; Cluff & Mitchell; Colvin-Jones Consolidated Ditch Co.; John H. Davidson; W. P. Ferris; Jose Gonzales; T. Hinton; Layton & Ison; James Layton; E. D. McEuen; Roy A. Martin; Ed Moody; J. C. Norton; George A. Olney; Asa Packard; N. E. Platt; W. E. Posy; S. A. Powell; Pursley & Nash; Mrs. Mary Reynolds; Bert E. Rose; Smithville Extension Canal Company; Cinaco Telles; E. L. Tidwell; Louis Voelckel; W. J. Walton; T. W. Wamslee; Estate of Webster, F. A. Webster, Administrator; Estate of J. R. Williams; E. D. Wilson; Young & Ridgway;

Also, Bank of Duncan; D. E. Barlow; J. W. Becker; Billingsley Canal Company; R. T. Bishop; Harry H. Boyer; Burcher Ditch Company; Estate of W. C. Cheatham; Edward C. Cole; Consolidated Canal Company; J. H. T. Cosper; Cosper-Wilson Canal Company; Ethel M. Cunningham; E. C. DeWoss; Double Circle Cattle Company; Thomas Edwards; Bonnie Elrage; Mangus Elrage; Mrs. Geo. J. Filleman; J. J. Filleman; Franklin Canal Company; Fred J. Fritz; Mrs. Katie Fritz; Furr & Blain; Harve K. Gatlin; Gila Ranch Company; Greenhorn Ditch Company; Greenhorn Irrigating Canal; County of Greenlee; O. C. Greenwell; Ole Hagan; William F. Hagan; S. P. Hale; Francelle Heywood; Mrs. Clara Hicks; County of Hidalgo; Hill Ditch; Francis M. Hodges; Lettie

Treat; S. Louise Trekell; Mary E. Truman; E. S. Turville; Mrs. A. C. Urban; F. A. Urban; Valley Bank of Phoenix; Calbert L. Vance; Viola C. Vance; Ed C. Van Haren; Gregorio Vasquez; Augustine Villar; Joe Villar; George P. Walker; Harry Ward; Roy S. Ward; C. E. Waterbury; Josie Waterbury; Katie E. Weaver; Adolphus Weyrick; Natalia M. White; Dorcas E. Whilow; Josephine R. Wills; Sophia Wind; Jessie P. Woody; Soren Yensen; and Elsie DeWolf Zellveger;

That original process thereunder by way of Subpoena Ad Respondendum, or by Court Order under section 57 of the Judicial Code, was duly issued and served, with a copy of the amended complaint, upon each of the aforementioned defendants, and each of said defendants failed and neglected to make or file an answer or otherwise defend or make a plea to said amended complaint as required by Rule 16 of the Rules of Practice for Courts of Equity of the United States; that orders taking the amended complaint as confessed by them and each of them were duly made herein and entered in the Order Book on the 25th day of November, 1929, the 11th day of March, 1930 and on the 19th day of December, 1934, in the office of the Clerk of this Court; each such order being so made and entered after the failure of each of the particular defendants named therein to make answer, defense or other plea as aforesaid; that no proceeding has been taken or initiated by them or any of them since the entry of said orders, and each thereof; and said defendants and each and every of them are now and remain in default of any answer, defense or other plea herein, and more than 30 days have elapsed since the entry of said orders and each thereof.

That under the orders Pro Confesso aforesaid, the amended complaint is taken as confessed, and it is ordered, adjudged and decreed herein, that the defendants above named in this article and each thereof, as against any of the parties plaintiff or defendant in this cause, their assigns or successors in interest, or their rights as herein decreed; that said defendants and each of them have no right to the use of water from the Gila River as against the parties to this action other than those set up in this decree, and they and each of them and, their heirs, executors, administrators and assigns or successors in interest are debarred and estopped from asserting or claiming any different or other, right, title or interest in or to the water or the use of any water from the Gila River as against the rights of the plaintiff and those of the defendants determined and set up in this decree.

### III

That, upon the motion of the plaintiff, by Order of this Court dated March 30, 1935, this suit and the amended complaint herein were dismissed without prejudice as to the following defendants, to-wit:

S. B. Blake; Cluff & Mitchell; Colvin-Jones Consolidated Ditch Co.; John H. Davidson; W. P. Ferris; Jose Gonzales; T. Hinton; Layton & Ison; James Layton; E. D. McEuen; Roy A. Martin; Ed Moody; J. C. Morton; George A. Olney; Asa Packard; N. E. Piatt; W. E. Posey; S. A. Powell; Pursley & Nash; Mrs. Mary Reynolds; Bert E. Rose; Smithville Extension Canal Company; Cinaco Talties; E. L. Tidwell; Louis Voelckel; W. J. Walton; T. W. Wasslee; Estate of Webster, F. A. Webster, Administrator; Estate of J. R. Williams; B. D. Wilson; Young & Ridgway;

Also, Bank of Duncan; D. E. Barlow; J. W. Becker; Billingsley Canal Company; R. T. Bishop; Harry H. Boyer; Burcher Ditch Company; Estate of W. C. Cheatham; Edward C. Cole; Consolidated Canal Company; J. H. T. Cosper; Cosper-Wilson Canal Company; Ethel M. Cunningham; E. C. DeMoss; Double Circle Cattle Company; Thomas Edwards; Bonnie Elrage; Mangus Elrage; Mrs. Geo. J. Filleman; J. J. Filleman; Franklin Canal Company; Fred J. Fritz; Mrs. Katie Fritz; Furr & Blain; Harve K. Gatlin; Gila Ranch Company; Greenhorn Ditch Company; Greenhorn Irrigating Canal; County of Greenlee; O. C. Greenwell; Ole Hagan; William F. Hagan; S. P. Hale; Francelle Heywood; Mrs. Clara Hicks; County of Hidalgo; Hill Ditch; Francis M. Hodges; Lettie

F. Hunt; M. J. Jensen; M. L. Jensen; D. L. Johnson; F. E. Johnson; R. S. Johnson; A. L. Jones; J. H. Jones, Sr., Estate; Martin & Pearson Ditch; Martin & Pearson Irrigating Canal Company; Arvan Mortensen; T. J. Nations; G. O. Payne; C. V. Peery; T. M. Peters; Dell M. Potter; Fred Powell; R. Richardson; Romney Brothers; Romney & Lunt; Rucker Ditch; School District No. 30; J. M. Smalley; A. F. Smith; The Estate of Spoon, Ira L. Spoon, Adm.; A. G. Stevenson; W. R. Stevenson; Sunset Irrigating Canal Company; D. H. Thompson; W. Plume Tibbets; H. P. Trainor; Virden Ward; Ward & Courtney Dam Company; T. M. Williamson; State of New Mexico;

Also, Phelps Dodge Corporation; Arizona Copper Company;

Also, Merencol Water Company;

Also, Aztec Mutual Canal Company; James LeRoy McCarthy; Richard E. Gayler; Frank C. Elwell.

Said action was had and taken in pursuance of those certain live stipulations between the plaintiff and the defendants above named through their solicitors of record, on file herein; wherein and wherefrom it appeared that said defendants and each of them had been named in this action and amended complaint, as parties defendant herein, through and by inadvertence, mistake and error, and that their claims and rights, if any, were and are outside the scope of said suit as same was and is outlined and defined in the amended complaint herein, and that they and each of them should be dismissed and eliminated from said cause, although some of them had filed their answers setting up their claims and rights to the use of certain waters from some of the tributaries of the Gila River, and said answers were filed through mistake and a misunderstanding as to the scope of said cause as outlined and defined in plaintiff's said amended complaint. It was agreed in said stipulations that the dismissal of said defendants should be accomplished upon motion of the plaintiff and Order of this Court as aforesaid, and that said Order should provide as in fact it does, as made and entered, of record herein that: said action and dismissal should be without prejudice to said defendants and each of them and/or to any of the other parties in this cause, or to any claim or rights to the use of water which said defendants, or any of them, or said other parties or any of them, now or hereafter may have, against the other or others, and that said defendants, and each of them, should be left as though they never had been named or made parties defendant herein, which said action heretofore taken by the Court in the premises, is hereby confirmed, and the provisions herein recited in reference thereto are made a part of this decree to protect their rights in that respect.

That, upon motion of the plaintiff, by Order of this Court dated March 30, 1935, this suit and the amended complaint were dismissed as to the following named defendants, to-wit:  
A. P. Angie; Arizona Hercules Copper Company; Josephine Burks; Simon Cisneros; Louis Gilson; Gold Bullion Mining Company; Charles J. Gross; John M. Hatfield;  
G. H. Head; London Gila Mining Company; Theodore Lujan; Katherine S. Mellon; Luis Santos; and Manuel Tibbets;

Also, Frisco Placer Mining Company; Anna M. Gale; A. A. Larona; Broten Lunt; Jose Sanchez; William Whelan; Harry C. White; and the White Mountain Lumber Company,  
Said action having been taken for the reason that: from said motion on file herein it appeared that said defendants and each of them has no interest in the issues of this action and that none of them were or are necessary parties defendant; the action heretofore taken in these premises is hereby confirmed.

That, upon motion of the plaintiff, by Order of this Court dated March 30, 1935, this suit and the amended complaint were dismissed, without prejudice, as to the following named



defendants, to-wit:

Casilio Dixon; Thomas Crabtree; Ed Elrage; Dale M. Garden; Jensen Brothers; J. B. Johns; F. Vernon Jones; William L. Keppler; Randall Lunt; Vernon Lunt; M. J. McClaren; Hugh McKen; William Milligan; Alfred Mortenson; Nichols & Company; Tomas Ponce; Serano R. Sexton; Ernest D. Shade; C. M. Short; Frank Shriver; A. R. Snyder; S. Stewart; T. L. Stockton; J. A. Suddam; Luther T. Sweeting; Miss E. A. Swafford; O. F. Swafford; Bonnie Ulrage; J. F. Warner; and W. F. Willis;

said action having been taken, because it appeared from said motion on file herein and the records; that said defendants and each of them were brought into the action by inadvertence and mistake and each was and is not a necessary party to this action, for the reason that they have no interests or that they are outside the scope of the suit as defined in the amended complaint herein. The action taken heretofore in these premises is hereby confirmed.

That at the same time and in the same order this suit and amended complaint were dismissed as to the following defendants, to-wit:

W. B. Barham; J. M. Biddle; Mary W. Bradshaw; Jackson Brannan; Martha M. Brockway; Fred D. Carpenter; E. D. Chandler; Dessa Harbison; Jim Harper; Jacob Helfenstein; A. S. Henry; Mrs. Alice Huntsman; John A. Johnson; A. E. Keoler; T. A. Lonergan; Clara B. McFarland; Gordon McMurray; William C. McNatt; R. B. Maley; Martha M. Merrill; Estate of Lizzie B. Murphy; W. F. Murphy, Sr., Administrator; John Nash; Ansel Phelps; Georgiana Phelps; George W. Sheerer; Chas. D. Stahlberg; Gladys Stahlberg; Phoebe E. Templeton; Estate of Jose Vasquez, Charles F. Bennett, Administrator; Albert Warren; Alice E. Nixon; Virginia Griffin; Horace J. Johnson; Mary Johnson; Lula O. Lockerd; and John C. Swan;

said action having been taken and had, for the reasons shown in said motion, to-wit: that each of said defendants had been brought in as parties defendant through inadvertence and mistake or that they had transferred their interests to others who are parties defendant herein, and they are necessary parties defendant herein. The action heretofore taken in these premises is hereby confirmed.

That upon motion of the plaintiff, by Order of this Court, dated March 30, 1935, this suit and the amended complaint herein were dismissed, as to the following defendants, to-wit:

Henry W. Blough; John F. Brown; Fred E. Gack; John MacGregor Goodale; Frank E. Hamilton; Frederick K. Kratzka; J. T. Lewis; James F. McAnis; George W. Morrell; John O'Brien; Margaret T. Randall; Jennie Roberts; Earl F. Smiley; Ole H. Smith; A. W. Sydnor; M. E. Templeton; Bert Vidans; Fannie Wallrich; W. G. Williams; S. H. Wynn;

said action having been taken and had, for the reasons shown in said motion on file herein—as well as from the records herein, that; said and every of the last named parties are not necessary parties defendant herein; that their lands are embraced within and constitute a part of the San Carlos Irrigation and Drainage District; that each of them has entered into a contract with the United States, in relation to his land and water rights therefor and that because of said contractual relationship his lands have been and are designated as a part of the United States San Carlos Indian Irrigation Project; that their and each of their interests have been and are represented in this cause by said District and the plaintiff and that their and each of their water rights have been and are set up and provided for in this decree. The action taken heretofore by the Court in these premises is hereby confirmed.

defendants, to-wit:

Castlio Ditch; Thomas Crabtree; Ed Elrage; Dale M. Garden; Jensen Brothers; J. B. Johns; F. Vernon Jones; William L. Keppler; Randall Lunt; Vernon Lunt; M. J. McClaren; Hugh McKeen; William Milligan; Alfred Mortenson; Nichols & Company; Tomas Ponce; Serano R. Sexton; Ernest D. Shade; C. M. Short; Frank Shriver; A. R. Snyder; S. Stewart; T. L. Stockton; J. A. Suydam; Luther T. Sweeting; Miss E. A. Swafford; O. F. Swafford; Bonnie Urrage; J. F. Warner; and W. F. Willis;

said action having been taken, because it appeared from said motion on file herein and the records; that said defendants and each of them were brought into the action by inadvertence and mistake and each was and is not a necessary party to this action, for the reason that they have no interests or that they are outside the scope of the suit as defined in the amended complaint herein. The action taken heretofore in these premises is hereby confirmed.

That at the same time and in the same order this suit and amended complaint were dismissed as to the following defendants, to-wit:

W. B. Barham; J. M. Biddle; Mary W. Bradshaw; Jackson Brannan; Martha M. Brockway; Fred D. Carpenter; E. D. Chaudler; Dessa Harbison; Jim Harper; Jacob Helfenstein; A. S. Henry; Mrs. Alice Huntsman; John A. Johnson; A. E. Keeler; T. A. Loneragan; Clara B. McFarland; Gordon McMurray; William C. McNatt; R. B. Maley; Martha M. Merrill; Estate of Lizzie B. Murphy, W. F. Murphy, Sr., Administrator; John Nash; Ansel Phelps; Georgiana Phelps; George W. Sheerer; Chas. D. Stahlberg; Glodine Stahlberg; Phoebe E. Templeton; Estate of Jose Vasquez, Charles F. Bennett, Administrator; Albert Warren; Alice E. Nixon; Virginia Griffin; Horace J. Johnson; Mary Johnson; Kala O. Lockerd; and John C. Swan;

said action having been taken and had, for the reasons shown in said motion, to wit: that each of said defendants had been brought in as parties defendant through inadvertence and mistake or that they had transferred their interests to others who are parties defendant herein, and they are necessary parties defendant herein. The action heretofore taken in these premises is hereby confirmed.

That upon motion of the plaintiff, by Order of this Court, dated March 30, 1935, this suit and the amended complaint herein were dismissed, as to the following defendants, to-wit:

Henry W. Blough; John F. Brown; Fred E. Gack; John MacGregor Goodale; Frank E. Hamilton; Frederick K. Kratzka; J. T. Lewis; James F. McManis; George W. Morrell; John O'Brien; Margaret T. Randall; Jennie Roberts; Earl F. Smiley; Ole H. Smith; A. W. Sydner; M. E. Templeton; Bert Vidans; Fannie Wallrich; W. G. Williams; S. H. Wynn;

said action having been taken and had, for the reasons shown in said motion on file herein—as well as from the records herein, that; said and every of the last named parties are not necessary parties defendant herein; that their lands are embraced within and constitute a part of the San Carlos Irrigation and Drainage District; that each of them has entered into a contract with the United States, in relation to his land and water rights therefor and that because of said contractual relationship his lands have been and are designated as a part of the United States San Carlos Indian Irrigation Project; that their and each of their interests have been and are represented in this cause by said District and the plaintiff and that their and each of their water rights have been and are set up and provided for in this decree. The action taken heretofore by the Court in these premises is hereby confirmed.

That, upon motion of the plaintiff, by Order of this Court on the 30th day of March, 1935, this suit and the amended complaint were dismissed as to the defendants: Estate of Della Tharp, Edward Tharp, Administrator; Estate of James Tharp, Edward Tharp, Administrator; said action was taken and had pursuant to said motion on file herein and for the reasons therein given that; the lands and water rights thereunto belonging were by said parties covered into the Florence-Casa Grande Project by contract with the United States, the plaintiff herein; that their and each of their interests have been presented to the Court by the Florence-Casa Grande Water Users Association and their and each of their interests have been and are represented herein by the United States; that they are not necessary parties defendant in this action; that their and each of their interests are and have been set up and provided for in this decree and given their proper place in the Priority Schedule, a part of this decree, which said action is hereby confirmed.

That, upon motion duly made, by Order of this Court dated April 3rd, 1935, the Kennecott Copper Corporation, a corporation, was made a party defendant herein, by substitution, as the successor in interest of the Nevada Consolidated Copper Company and the Ray Consolidated Copper Company. The action heretofore taken in these premises is hereby confirmed.

IV

That the following named defendants own land as follows: Estate of Dora M. Clark, the NW $\frac{1}{4}$ , Section 22, Township 6 South, Range 7 East, Gila and Salt River Base and Meridian; Margaret F. Brown, the SW $\frac{1}{4}$ , Section 15, Township 6 South, Range 7 East, Gila and Salt River Base and Meridian; and H. H. McNeil, the NE $\frac{1}{4}$ , Section 9, Township 5 South, Range 9 East, Gila and Salt River Base and Meridian; and Otis J. Baughn, 80 acres of land in the NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 8, Township 6 South, Range 8 East, Gila and Salt River Base and Meridian; and that they and each of them in the past and prior to this decree, have made diligent and extensive efforts and have expended sums of money in an effort to secure water from the Gila River for the irrigation of their and each of their lands, but notwithstanding said efforts and expenditures, they and each of them were and have been unable to make use of said water upon their said lands and have not acquired any right to the use of said water from the Gila River upon their said lands, and that they and neither of them has a right to use water from the said river for the irrigation of their said lands as against the parties to this cause.

That each of the parties named in the Schedule of Rights and Priorities set out below and made part hereof (hereinafter for convenience often referred to as the Schedule or Priority Schedule), in proper person or in the representative capacity indicated, has acquired and owns the right or rights accredited to him in said Schedule; that the Gila River is the stream from which the water called for under each of said rights is and may be diverted; that the point of such diversion, the name or description of the dam, canal, or other appliance through which said diversion is accomplished and said waters are carried to the lands through the irrigation of which said right has been acquired, together with—as to individual defendants, and plaintiff where the appropriation rights of others have been conveyed to it as hereinafter further described—the description of said lands and the number of irrigable acres thereof in each quarter or quarter-section, or lot or lots as the case may be, to which said right applies, are as stated in said schedule opposite the name of each of said parties in appropriately designated columns thereof; that the priority date of each of said rights is as stated for each owner in the column so designated, and such owner is entitled thereunder and as of the date of said priority to divert from the natural flow of the stream, at the point of diversion so designated and to carry and convey to, and apply to beneficial use upon, said lands for the irrigation thereof, during each irrigation season, a total amount of water not exceeding 6 acre feet per acre of said lands, which said amount shall not be diverted from the stream at any time during said season at a greater rate than one-eightieth (1/80) of a cubic foot per second for each acre of said lands, except as hereinafter provided; that the right of direct diversion from the natural flow of the stream for each of said parties, therefore, may be readily calculated, for the area then being irrigated, as follows:

No. of acres times 6 =Total allowable diversion in acre-feet during each irrigation season;

No. of acres times 1/80=Rate of diversion in cubic feet per second which shall not be exceeded in making said draft;

provided, however, that the water commissioner hereinafter provided for, in order to take proper advantage of sudden freshets or other periods of more plentiful natural flow in the stream, may authorize and provide for, and as to the lands of defendants above the San Carlos Reservoir shall permit, when no injury will result to others not being so accommodated, diversions therefrom under said rights at a greater rate than 1/80 of a cubic foot per second, but subject to the explicit condition that the total diversion for the lands involved shall not exceed during the irrigation season the said total of 6 acre feet per acre; that the right of each of said parties, based upon the total area involved in each instance, is stated in acre feet per irrigation season, and in cubic feet per second (maximum rate of diversion as aforesaid), opposite the names of said party, respectively in the last two columns of said schedule; that this right for each of said parties entitles him to a first and prior call to the extent thereof upon the available natural flow of the stream as against others whose rights as listed in said Schedule bear later dates of priority than his own, while others, when their rights have earlier dates of priority than his, have a first and prior call to the extent thereof upon said stream flow as against him; that each of said rights is gauged by and limited to the amount of water which has been and can be beneficially diverted and applied to the irrigation of said lands; that this quantity is determined and adjudged herein to be the amount in acre-feet per acre for the irrigation season stated above, which shall include and be charged with all conveyance loss from the point of diversion from the stream to the lands; that said lands require that there be applied thereto, and therefore diverted from the stream, somewhat larger amounts of water in the hotter summer months of the irrigation season than at any other times therein, of which account is taken by providing herein for a considerably larger diversion right than would be required at constant even flow to produce 6 acre-feet per acre during each irrigation season; that where the figures and data given for a single water right priority are set opposite the names of more than one defendant in said Schedule, each of the same is deemed and held to have an undivided interest in the whole there described under such mutual contractual relations as may obtain between them, which are not defined or determined in this decree; that certain of the rights accredited to plaintiff in said Schedule may be classified as rights by purchase in that they were acquired by the United States by way of conveyances from the owners of the private lands through the irrigation of which they were acquired, said conveyances being made by way of the "Agreement of Landowners to induce the Secretary of the Interior to undertake the Florence-Casa Grande Irrigation Project, and for the building and operation thereof in case the same is declared feasible" and the "Landowners' Agreement with the Secretary of the Interior, San Carlos Project, Act of June 7, 1924," entered into by the United States and such owners, which were executed and put into effect under and in connection with the Florence-Casa Grande and San Carlos Projects; that these rights, having priorities in great number, ranging from the year 1868 to 1914 inclusive, are set down in their

That each of the parties named in the Schedule of Rights and Priorities set out below and made part hereof (hereinafter for convenience often referred to as the Schedule or Priority Schedule), in proper person or in the representative capacity indicated, has acquired and owns the right or rights accredited to him in said Schedule; that the Gila River is the stream from which the water called for under each of said rights is and may be diverted; that the point of such diversion, the name or description of the dam, canal, or other appliance through which said diversion is accomplished and said waters are carried to the lands through the irrigation of which said right has been acquired, together with—as to individual defendants, and plaintiff where the appropriation rights of others have been conveyed to it as hereinafter further described—the description of said lands and the number of irrigable acres thereof in each quarter or quarter-section, or lot or lots as the case may be, to which said right applies, are as stated in said schedule opposite the name of each of said parties in appropriately designated columns thereof; that the priority date of each of said rights is as stated for each owner in the column so designated, and such owner is entitled thereunder and as of the date of said priority to divert from the natural flow of the stream, at the point of diversion so designated and to carry and convey to, and apply to beneficial use upon, said lands for the irrigation thereof, during each irrigation season, a total amount of water not exceeding 6 acre feet per acre of said lands, which said amount shall not be diverted from the stream at any time during said season at a greater rate than one-eightieth (1/80) of a cubic foot per second for each acre of said lands, except as hereinafter provided; that the right of direct diversion from the natural flow of the stream for each of said parties, therefore, may be readily calculated, for the area then being irrigated, as follows:

No. of acres times 6 = Total allowable diversion in acre-feet during each irrigation season.

No. of acres times 1/80 = Rate of diversion in cubic feet per second which shall not be exceeded in making said draft.

provided, however, that the water commissioner hereinafter provided for, in order to take proper advantage of sudden freshets or other periods of more plentiful natural flow in the stream, may authorize and provide for, and as to the lands of defendants above the San Carlos Reservoir shall permit, when no injury will result to others not being so accommodated, diversions therefrom under said rights at a greater rate than 1/80 of a cubic foot per second, but subject to the explicit condition that the total diversion for the lands involved shall not exceed during the irrigation season the said total of 6 acre feet per acre; that the right of each of said parties, based upon the total area involved in each instance, is stated in acre feet per irrigation season, and in cubic feet per second (maximum rate of diversion as aforesaid), opposite the names of said party, respectively in the last two columns of said schedule; that this right for each of said parties entitles him to a first and prior call to the extent thereof upon the available natural flow of the stream as against others whose rights as listed in said Schedule bear later dates of priority than his own, while others, when their rights have earlier dates of priority than his, have a first and prior call to the extent thereof upon said stream flow as against him; that each of said rights is gauged by and limited to the amount of water which has been and can be beneficially diverted and applied to the irrigation of said lands; that this quantity is determined and adjudged herein to be the amount in acre-feet per acre for the irrigation season stated above, which shall include and be charged with all conveyance loss from the point of diversion from the stream to the lands; that said lands require that there be applied thereto, and therefore diverted from the stream, somewhat larger amounts of water in the hotter summer months of the irrigation season than at any other times therein, of which account is taken by providing herein for a considerably larger diversion right than would be required at constant even flow to produce 6 acre-feet per acre during each irrigation season; that where the figures and data given for a single water right priority are set opposite the names of more than one defendant in said Schedule, each of the same is deemed and held to have an undivided interest in the whole there described under such mutual contractual relations as may obtain between them, which are not defined or determined in this decree; that certain of the rights accredited to plaintiff in said Schedule may be classified as rights by purchase in that they were acquired by the United States by way of conveyances from the owners of the private lands through the irrigation of which they were acquired, said conveyances being made by way of the "Agreement of Landowners to induce the Secretary of the Interior to undertake the Florence-Casa Grande Irrigation Project, and for the building and operation thereof in case the same is declared feasible" and the "Landowners' Agreement with the Secretary of the Interior, San Carlos Project, Act of June 7, 1924," entered into by the United States and such owners, which were executed and put into effect under and in competition with the Florence-Casa Grande and San Carlos Projects; that these rights, having priorities in great number, ranging from the year 1868 to 1914 inclusive, are set down in their

order in said Schedule and totaled for each year under the name of the United States, with the description in each instance of the lands through the irrigation of which they were acquired by appropriation and beneficial use; also, in an appropriate column in each instance the names of the landowners making the conveyances, or their successors in interest, made formal parties defendant herein, are set down; all to the end that said rights may be identified and preserved; that plaintiff, in accord with said agreements and conveyances, is hereby authorized and empowered to divert from the Gila River the waters called for under said rights for use by irrigation upon the lands of the Florence-Casa Grande and San Carlos Projects as hereinafter further described; that the other rights of plaintiff, which may be generally described as those owned by the United States for and on account of the Indians of the Gila River and San Carlos Indian Reservations and as reservations and appropriations made by the United States for and on account of the Florence-Casa Grande and San Carlos Projects, are set down and outlined in their proper order in said Schedule as a matter of convenience, but each of said rights furthermore is specifically defined and decreed in later Articles hereof; including the right of the United States, as of the year 1924, to store the waters of the Gila River in the San Carlos Reservoir, which is specifically defined in Article VI and is of different character than the rights directly to divert from the natural flow of the stream, with which this Article of the Decree and the Priority Schedule made part hereof primarily has to do; that certain of the rights of plaintiff, as same are set down and referred to in said Schedule, do not accumulate, as is specifically stated and described in the last paragraph of Article VI of this decree; that also certain of the rights of the Nevada Consolidated Copper Company, as same are set down in said Schedule, do not accumulate, as is specifically stated in the first paragraph of Article IX hereof; that as to all other rights to divert the waters of the Gila River which are set down and defined in said Schedule, including the so-called rights by purchase of the United States (which for convenience here comes within the designation "concern"), when rights of different priorities are ascribed to the same person or concern, said rights as thus accredited to that person or concern do accumulate, so that the total amount of water in acre feet per season which can be taken from the stream, under the priority of any certain date and the priorities of previous dates (ascribed to that person or concern in said Schedule), with the maximum rate of diversion in cubic feet per second governing same, may and shall be ascertained by adding together the number of acre feet per season set down under each of said priorities; that maximum rate at which same can be diverted being also the sum of the maximum rates, in cubic feet per second, given under each of said dates of priority; that rights to divert the waters of the Gila River are decreed to the various canal companies and are set down under their names in the Priority Schedule as of various dates of priority; that the description in each instance of the lands through the irrigation of which said rights were acquired by appropriation and beneficial use and the names of the landowners or their successors in interest, made formal parties defendant herein (and set down under the heading "PARTIES OWNING SAID LANDS WHEN JURISDICTION ACQUIRED HEREIN"), whose beneficial application of water to said lands supported said appropriations are also listed under the names of each of said canal companies, the amounts of water in acre feet per season, with the maximum rates of diversion, allowed for the irrigation of the various subdivisions of said lands being given in the so-called individual columns under the general heading "Diversion Right" in said Priority Schedule; all to the end that the diversion rights of said canal companies may be adequately defined, and the individual rights of said defendant landowners to maintain, arrange or contract for, under applicable statutes and provisions of law, the diversion and carriage of water from the stream to said lands under and in accord with said rights may be identified and preserved; that the irrigation season referred to in this Article of the Decree, which shall as well apply to all rights adjudicated herein, is hereby defined as and determined to be the period beginning on January 1st of each year and ending on December 31st of the same year; that the Schedule above referred to and made part hereof is as follows:

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right														
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.	Total	Individual	Maximum rate of diversion in cu. ft. per sec.										
			Twp.	Rge.			Sec.	Subdivision							Referred to G. & S. R. E. & M. or N. M. B. & M.									
United States	Immortal	Both	4S 11E 4S	8 12	NW¼ SE¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal & Sacaton Diversion Dam.	35,000	Gila River Indian Reservation	Pinal	For full statement of this right see Article VI (1).	210,000	437.50												
														United States	1846	Both	At various points on the Gila River	1,000	San Carlos Indian Reservation	Gila & Graham	For full statement of this right see Article VI (2).	6,000	12.50	
4S	11E	8	NW¼	4S 9E 34 SW¼ SE¼	240.00	Minnie Lobb	240.00	.50																
						4S 9E 34 SW¼ SE¼	480.00	Otis J. Baughn	480.00	1.00														
						4S 9E 34 SW¼ SE¼	60.00	Gertrude B. McGee	60.00	.13														
						4S 9E 35 SW¼ SE¼	104.08	Lillian O'Connor	104.08	.22														
						4S 9E 35 SW¼ SE¼	216.00	Lola S. Angulo	216.00	.45														
						4S 9E 36 SW¼ NE¼	468.00	Lillian O'Connor	468.00	.97														
						4S 9E 36 SW¼ NE¼	570.00	J. P. Brown	570.00	1.19														
						4S 10E 31 NW¼ NW¼ & 31 SW¼ NW¼	699.00	James D. Freeman	699.00	1.46														
						4S 10E 31 SW¼ NW¼	237.00	Gertrude B. McGee	237.00	.49														
						4S 9E 35 SW¼ NE¼	217.92	Minnie Lobb	217.92	.25														
						4S 9E 35 SW¼ NE¼	120.00	(Earl G. Clemans & Mark Twain Clemans	120.00	.25														
						4S 9E 35 SW¼ NE¼	130.00		130.00	.25														
						4S 9E 35 SW¼ NE¼	108.00		108.00	.23														
						4S 9E 35 SW¼ NE¼	540.00		540.00	1.12														
						4S 9E 35 SW¼ NE¼	1560.00		1560.00	3.25														
United States	1869	Left	4S	11E	8 NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	857.66	Tracts described below:	Pinal	Ownership data as below:	5,145.96	10.73												
														857.66	Tracts described below:	360.00	360.00	.75						
						4S 9E 35 SW¼	60.00	James R. Treat Administrator of the estate of James Tharp, deceased, Edward Tharp, Administrator of the Estate of Delta (Delphina) Tharp, dec.	60.00	1.10														
						4S 9E 35 SW¼	8.00	George W. Smith	8.00	.19														
						4S 9E 35 SW¼	15.00	James R. Treat	15.00	.18														
						4S 9E 35 SW¼	14.00	Ed G. Van Haren	14.00	.18														
						4S 9E 35 SW¼	20.00	Louis Cathemer	20.00	.25														
						4S 9E 35 SW¼	20.00	Roland H. Moorehouse	20.00	.25														
						4S 9E 35 SW¼	38.99	Encarnacion Sweeney	38.99	.49														
						4S 9E 35 SW¼	1.01	State of Arizona	1.01	.01														
						4S 10E 29 NW¼	160.00	Virginia Hales	160.00	2.00														
						4S 10E 30 SW¼	63.33	Mary E. Stevens	63.33	.79														
						4S 10E 30 SW¼	43.33	Mary E. Truman	43.33	.54														
						4S 10E 30 SW¼	80.00	William G. Knight	80.00	1.00														
						4S 10E 30 SW¼	40.00	Dugald Stewart	40.00	.50														
						4S 10E 30 SW¼	15.87	J. J. Fraser	15.87	.24														
						4S 10E 30 SW¼	19.13		19.13	.24														
						4S 10E 30 SW¼	5.00		5.00	.06														
						4S 10E 30 SW¼	40.00		40.00	.50														

(Continued on next page)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right				
		Side of stream	Location			Number of acres	Description		County	For irrigation season in ac-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.			Sec.	Subdivision		Referred to G. & S. R. E. & M. or N. M. B. & M.	Individual		Total
United States	Immemorial	Both	4S 11E 6E	8 NW¼ 12 SE¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal & Suction Diversion Dam.	35,000	Gila River Indian Reservation	Pinal	210,000	437.50	437.50	1.00	437.50
United States	1846	Both	At various points on the Gila River		Various and/or pumps & Ditches on or above Reservation	1,000	San Carlos Indian Reservation	Gila & Graham	6,000	12.50	12.50		6,000
United States	1868	Left	4S 11E	8 NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	957.00	Tracts described below:	Pinal	5,742.00	11.96	11.96	1.00	5,742.00
United States	1869	Left	4S 11E	8 NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	857.66	Tracts described below:	Pinal	5,145.96	10.73	10.73	1.00	5,145.96

(Continued on next page)

Parties owning said lands when jurisdiction acquired herein

For full statement of this right see Article VI (1).

For full statement of this right see Article VI (2).

Ownership data as below:

Minnie Lobb

Otis J. Baughn

Gerrude B. McGee

Lillian O'Connor

Lola S. Angulo

Lillian O'Connor

J. P. Brown

James D. Freeman

Gerrude B. McGee

Minnie Lobb

120.00

120.00

108.00

540.00

1560.00

360.00

Ownership data as below:

James R. Treat

Edward Tharp, Administrator of the estate of James Tharp, deceased

Edward Tharp, Administrator of the Estate of Della (Delphinia) Tharp, dec.

George W. Smith

James R. Treat

Ed C. Van Haren

Louis Cathener

Roland H. Moorhouse

Encarnacion Sweeney

State of Arizona

Virginia Hales

Mary E. Stevens

Mary E. Truman

William G. Knight

Dugald Stewart

J. J. Fraser





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting canal or carrying structure	Lands for which right acquired			Diversion right						
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein.	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.			
			Twp.	Rge.			Sec.	Subdivision		County	Indi-vid-ual		Total	Indi-vid-ual	Total
Union Canal Company	1874	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for owner-ship data.	1500.00	3.13		
Sunflower Canal Company	1874	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for owner-ship data.	150.00	.31		
Sunset Canal Company	1874	Right	19S	20W	21	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Sunset Canal	507.20	Tracts described below: 10.62 19S 20W 7 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 37.30 19S 20W 7 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 12.20 19S 20W 7 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 13.25 19S 20W 17 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 39.18 19S 20W 18 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 26.00 19S 20W 18 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 6.60 19S 20W 18 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 25.25 19S 20W 18 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 21.00 19S 20W 18 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 28.00 19S 20W 18 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 12.70 19S 20W 18 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 15.60 19S 20W 18 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 7.20 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 4.30 19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 1.30 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 3.50 19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 3.10 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 8.30 19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 4.60 19S 21W 11 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 3.60 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 1.80 19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$ .40 19S 21W 11 NW $\frac{1}{4}$ NW $\frac{1}{4}$ .50 19S 21W 11 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 8.10 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 5.30 19S 21W 11 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 4.10 19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 7.00 19S 21W 12 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 1.90 19S 21W 12 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 2.30 19S 21W 12 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 39.50 19S 21W 12 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 15.30 19S 21W 12 NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ 40.00 19S 21W 12 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 20.60 19S 21W 12 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 6.80 19S 21W 12 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 20.00 19S 21W 12 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 28.70 19S 21W 12 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 3.60 19S 21W 12 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 13.90 19S 21W 12 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 12.10 19S 21W 13 NE $\frac{1}{4}$ NE $\frac{1}{4}$	Hidalgo	Ownership data as below: S. A. Brown R. T. Johns R. T. Johns R. T. Johns " " " " C. M. Brooks " " " " " " C. F. Houlhan Willard E. Jones " " " " Ralph Richardson John B. Jones " " M. L. Harris " " J. Alfred Mortensen " " Leslie B. Payne " " Parley P. Jones " " Hiram K. Mortensen J. E. Cardon M. L. Harris " " J. Alfred Mortensen Orson J. Richens Nancy O. Pace " " " " J. E. Cardon Carl M. Donaldson James A. Mitchell " " " " " " C. F. Houlhan Ownership data as below: (John Tidwell & E. L. Tidwell, Jr. Administrators of the estate of E. L. Tidwell, deceased.)	63.72 233.80 73.20 79.50 235.08 158.00 30.60 151.50 128.00 168.00 78.20 36.40 43.20 26.80 3.66 7.80 21.00 .63 51.00 27.60 21.60 10.80 2.40 3.00 48.60 31.80 24.60 42.00 11.40 13.80 237.00 91.80 240.00 123.60 40.80 120.00 172.20 21.60 53.40 72.60	13 .46 .15 .16 .49 .32 .08 .31 .29 .35 .16 .07 .09 .05 .01 .02 .04 .01 .11 .08 .05 .02 .01 .01 .10 .07 .05 .09 .02 .03 .48 .19 .50 .26 .09 .25 .39 .02 .05 .17 .15	1500.00 150.00 3043.20	3.13 .31 6.34
United States	1875	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Dam & Florence Canal	308.00	Tracts described below: 4S 10E 16 S $\frac{1}{4}$ 4S 10E 17 S $\frac{1}{4}$	Pinal	Ownership data as below: (John Tidwell & E. L. Tidwell, Jr. Administrators of the estate of E. L. Tidwell, deceased.)	1864.00	3.86		
Monteruma Canal Company	1875	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Monteruma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for owner-ship data.	1800.00	3.75		

Party entitled to divert from the stream	Point of diversion			Name of diverting sand/or carrying structure	Lands for which right acquired			Diversion right									
	Date of priority	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein.	For irrigation season in ac-ft.		Maximum rate of diversion in cu. ft. per sec.						
		Side of stream	Twp.			Rge.	Sec.		Subdivision	County		Indi-vid-ual	Total	Indi-vid-ual	Total		
Union Canal Company	1874	Left	7S	27E	18	SE 1/4 NW 1/4	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for owner-ship data.	1500.00	3.13				
Sunflower Canal Company	1874	Left	7S	26E	9	NW 1/4 SE 1/4	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for owner-ship data.	150.00	.31				
Sunset Canal Company	1874	Right	19S	20W	21	SW 1/4 NW 1/4	Sunset Canal	507.20	Tracts described below: 10.62 19S 20W 7 NW 1/4 SW 1/4 37.30 19S 20W 7 SW 1/4 SW 1/4 12.20 19S 20W 7 SE 1/4 SW 1/4 13.25 19S 20W 17 SW 1/4 NW 1/4 39.18 19S 20W 18 NE 1/4 NW 1/4 24.00 19S 20W 18 NW 1/4 NW 1/4 4.60 19S 20W 18 SE 1/4 NW 1/4 25.25 19S 20W 18 NW 1/4 NE 1/4 21.00 19S 20W 18 SW 1/4 NE 1/4 24.00 19S 20W 18 SE 1/4 NE 1/4 12.70 19S 20W 18 NE 1/4 NE 1/4 1.90 19S 20W 18 NW 1/4 NW 1/4 7.30 19S 21W 11 SE 1/4 NE 1/4 4.60 19S 21W 11 NE 1/4 SE 1/4 1.30 19S 21W 11 NE 1/4 NE 1/4 3.50 19S 21W 11 SE 1/4 NE 1/4 3.10 19S 21W 11 SE 1/4 NE 1/4 8.60 19S 21W 11 SE 1/4 NE 1/4 4.60 19S 21W 11 SW 1/4 NE 1/4 3.60 19S 21W 11 SW 1/4 NE 1/4 1.80 19S 21W 11 NE 1/4 NE 1/4 1.40 19S 21W 11 NW 1/4 NW 1/4 50 19S 21W 11 NE 1/4 NE 1/4 8.10 19S 21W 11 SE 1/4 NE 1/4 5.30 19S 21W 11 SE 1/4 NE 1/4 4.10 19S 21W 11 NE 1/4 NE 1/4 7.00 19S 21W 12 SW 1/4 NW 1/4 1.90 19S 21W 12 NW 1/4 SW 1/4 2.30 19S 21W 12 SE 1/4 SE 1/4 39.50 19S 21W 12 NE 1/4 NE 1/4 15.30 19S 21W 12 NW 1/4 SE 1/4 40.00 19S 21W 12 SW 1/4 SE 1/4 20.60 19S 21W 12 SW 1/4 SE 1/4 6.80 19S 21W 12 NW 1/4 SW 1/4 20.00 19S 21W 12 NE 1/4 SW 1/4 28.70 19S 21W 12 NW 1/4 SW 1/4 3.60 19S 21W 12 SW 1/4 SW 1/4 3.60 19S 21W 12 SW 1/4 SW 1/4 13.90 19S 21W 12 SE 1/4 SW 1/4 12.10 19S 21W 13 NE 1/4 NE 1/4	Ownership data as below: S. A. Brown R. T. Johns Trivio Gonzales R. T. Johns C. M. Brooks C. F. Houlthian Willard E. Jones Ralph Richardson John B. Jones M. L. Harris J. Alfred Mortensen Leslie B. Payne Parley P. Jones Hiram K. Mortensen J. E. Cardon M. L. Harris J. Alfred Mortensen Orson J. Richens Nancy O. Pace J. E. Cardon Carl M. Donaldson James A. Mitchell C. F. Houlthian	Hidalgo	Ownership data as below: S. A. Brown R. T. Johns Trivio Gonzales R. T. Johns C. M. Brooks C. F. Houlthian Willard E. Jones Ralph Richardson John B. Jones M. L. Harris J. Alfred Mortensen Leslie B. Payne Parley P. Jones Hiram K. Mortensen J. E. Cardon M. L. Harris J. Alfred Mortensen Orson J. Richens Nancy O. Pace J. E. Cardon Carl M. Donaldson James A. Mitchell C. F. Houlthian	63.72 223.80 73.20 79.50 235.08 156.00 39.60 151.50 126.00 168.00 76.20 35.40 43.20 25.80 3.60 7.80 21.00 80 51.00 27.60 21.60 10.80 2.40 3.00 48.60 31.80 24.60 42.00 11.40 13.80 237.00 91.80 123.60 40.80 120.00 172.20 21.60 83.40 72.60	13 .46 .16 .16 .49 .32 .08 .31 .26 .35 .16 .07 .09 .05 .01 	3043.20	1864.00	3.86
United States	1875	Left	4S	11E	8	NW 1/4	Ashurst-Hayden Diversion Dam & Florence Canal Grande Canal.	308.00	Tracts described below: 4S 10E 16 SW 1/4 4S 10E 17 SW 1/4	Pinel	Ownership data as below: (John Tidwell & E. L. Tidwell, Jr. Administrators of the estate of E. L. Tidwell, deceased.	894.00 980.00	1.86 2.00				
Montezuma Canal Company	1875	Left	7S	27E	17	NE 1/4 NE 1/4	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for owner-ship data.	1800.00	3.75				

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right				
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.			Sec.	Subdivision			Twp.	Rge.		Sec.
San Jose Canal Company	1875	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	480.00	1200.00	2.50
Tidwell Canal Company	1875	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	Ownership data as below: Donald F. Reed John B. Miches	130.00 210.00 240.00	240.00	.50
Union Canal Company	1875	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	Ownership data as below: Edith Knappenberger & Frank Knappenberger	730.00 960.00	120.00	.25
Sunflower Canal Company	1875	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	130.00	510.00	1.06
Graham Canal Company	1875	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	480.00	180.00	.38
United States	1876	Both	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Flumes - Casa Grande Canal	455.00 80.00 20.00 35.00 40.00 120.00	Tracts described below: 4S 10E 20 SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ 4S 10E 21 SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ 4S 10E 28 NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5S 8E 2 NE $\frac{1}{4}$ NW $\frac{1}{4}$ & SW $\frac{1}{4}$ NW $\frac{1}{4}$	Final	Ownership data as below: Rita Marques	1.00 1.25 .44 .50	2730.00	5.69
Montezuma Canal Company	1876	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	720.00	720.00	1.50
San Jose Canal Company	1876	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	1800.00	1800.00	3.75
Tidwell Canal Company	1876	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	120.00	120.00	.25
Union Canal Company	1876	Left	7S	27E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	318.00	318.00	.66
Sunflower Canal Company	1876	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	510.00	510.00	1.06
Graham Canal Company	1876	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	120.00	120.00	.25
Fort Thomas Consolidated Canal Company	1876	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	Ownership data as below: Rita Marques	240.00	240.00	.50
United States	1877	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Flumes - Casa Grande Canal	159.99 26.66 53.33 20.00 40.00 20.00	Tracts described below: 4S 10E 20 SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ 4S 10E 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ 4S 10E 28 SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ 4S 10E 29 SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	Final	Ownership data as below: Fern M. Richardson Natalis M. White John B. Miches	159.98 319.98 120.00 240.00	959.94	2.00

Party entitled to divert from the stream.	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.			Sec.	Subdivision				County
Montezuma Canal Company	1877	Left	7S	27E	17	NE ¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	2160.00	4.50
San Jose Canal Company	1877	Left	6S	27E	36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	1200.00	2.50
Tidwell Canal Company	1877	Right	7S	27E	3	SE¼ NW¼	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	300.00	.63
Union Canal Company	1877	Left	7S	27E	18	SE¼ NW¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	690.00	1.44
Sunflower Canal Company	1877	Left	7S	26E	9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	30.00	.06
Graham Canal Company	1877	Right	7S	26E	9	NE¼ NW¼	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	60.00	.13
Fort Thomas Consolidated Canal Company.	1877	Left	6S	24E	4	NE¼ NW¼	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	300.00	.63
Brown Canal Company	1877	Right	6S	28E	30	SE¼ SE¼	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	90.00	.19
Joseph J. Anderson	1877	Right	5S	16E	7	NW¼ SE¼	Anderson Ditch	27.90	4S 14E 35 SE¼ SE¼	Pinal	167.40	.35
Dodge-Nevada Canal Com-pany	1877	Left	6S	25E	20	NE¼ NW¼	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	420.00	.88
United States	1878	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence Casa Grande Canal.	30.00	4S 10E 21 NW¼ SW¼	Pinal	180.00	.37
Montezuma Canal Company	1878	Left	7S	27E	17	NE¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	1200.00	2.50
San Jose Canal Company	1878	Left	6S	27E	36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	600.00	1.30
Tidwell Canal Company	1878	Right	7S	27E	3	SE¼ NW¼	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	180.00	.37
Union Canal Company	1878	Left	7S	27E	18	SE¼ NW¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	1950.00	4.06
Sunflower Canal Company	1878	Left	7S	26E	9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	30.00	.06

Party entitled to divert from the stream	Date of priority	Point of diversion				Name of diverting and/or carrying structure	Lands for which right acquired				Diversion right				
		Side of stream	Location				Number of acres	Description			County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.	Sec.			Subdivision	Twp.	Rge.			Sec.	Subdivision	
Montezuma Canal Company	1877	Left	7S	27E	17	NE 1/4 NE 1/4	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	2160.00	4.5		
San Jose Canal Company	1877	Left	6S	27E	36	SW 1/4 SW 1/4	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	1200.00	2.5		
Tidwell Canal Company	1877	Right	7S	27E	3	SE 1/4 NW 1/4	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Owner-ship data.	300.00	.6		
Union Canal Company	1877	Left	7S	27E	18	SE 1/4 NW 1/4	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	690.00	1.4		
Sunflower Canal Company	1877	Left	7S	26E	9	NW 1/4 SE 1/4	Sunflower Canal	460.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	30.00	.9		
Graham Canal Company	1877	Right	7S	26E	9	NE 1/4 NW 1/4	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	60.00	.1		
Fort Thomas Consolidated Canal Company.	1877	Left	6S	24E	4	NE 1/4 NW 1/4	Fort Thomas Consolidated Canal.	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Owner-ship data.	300.00	.6		
Brown Canal Company	1877	Right	6S	28E	30	SE 1/4 SE 1/4	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Owner-ship data.	90.00	.1		
Joseph J. Anderson	1877	Right	5S	15E	7	NW 1/4 SE 1/4	Anderson Ditch	27.90	4S 14E 35 SE 1/4 SE 1/4	Pinal	Joseph J. Anderson	167.40	.3		
Dodge-Nevada Canal Com-pany	1877	Left	6S	25E	20	NE 1/4 NW 1/4	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Owner-ship data.	420.00	.8		
United States	1878	Left	4S	11E	8	NW 1/4	Ashurst-Hayden Diversion Dam & Florence Casa Grande Canal.	30.00	4S 10E 21 NW 1/4 SW 1/4	Pinal	Donald F. Reed	180.00	.3		
Montezuma Canal Company	1878	Left	7S	27E	17	NE 1/4 NE 1/4	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	1200.00	2.5		
San Jose Canal Company	1878	Left	6S	27E	36	SW 1/4 SW 1/4	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	600.00	1.3		
Tidwell Canal Company	1878	Right	7S	27E	3	SE 1/4 NW 1/4	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Owner-ship data.	180.00	.3		
Union Canal Company	1878	Left	7S	27E	18	SE 1/4 NW 1/4	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	1950.00	4.0		
Sunflower Canal Company	1878	Left	7S	26E	9	NW 1/4 SE 1/4	Sunflower Canal	460.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	30.00	.6		

Party entitled to divert from the stream	Date of priority			Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Diversion right		
	Side of stream	Location		Description	County	Parties owning said lands when jurisdiction acquired herein			For irrigation season in ac-ft.	Maximum rate of diversion in cu. ft. per sec.				
		Twp.	Rge.								Sec.	Subdivision	Indi-vid-ual	Total
Graham Canal Company	Right	7S	26E	9	NE¼ NW¼	See Table No. 6 for detailed description of these lands.	Graham Canal	2577.00	Graham	See Table No. 6 for Owner-ship data.	60.00	60.00	.13	
Brown Canal Company	Right	6S	28E	30	SE¼ SE¼	See Table No. 8 for detailed description of these lands.	Brown Canal	820.00	Graham	See Table No. 8 for Owner-ship data.	60.00	60.00	.13	
Dodge-Nevada Canal Company	Left	6S	25E	20	NE¼ NW¼	See Table No. 9 for detailed description of these lands.	Dodge-Nevada Canal	1250.00	Graham	See Table No. 9 for Owner-ship data.	60.00	60.00	.13	
Nevada Consolidated Copper Company	Right	6S	15E	14	SE¼ SW¼, SW¼ SE¼, NE¼ NW¼	Use of water for Industrial, Municipal, Domestic and related purposes.	Pumps		Gila	For further definition of this right see Article IX.	390.00	390.00	.81	
Nevada Consolidated Copper Company.	Right	6S	15E	14	SE¼ SW¼, SW¼ SE¼	Use of water for Industrial, Municipal, Domestic and related purposes.	Pumps		Gila	For further definition of this right see Article IX.	570.00	570.00	1.20	
United States	Left	4S	11E	8	NE¼ NW¼	Tracts described below:	Ashurst-Hayden Diversion dam & Florence Cages Grande Canal	210.00	Pinal	Ownership data as below:	1260.00	1260.00	2.63	
Montezuma Canal Company	Left	7S	27E	17	NE¼ NE¼	4S 10E 20 NW¼ SE¼	Montezuma Canal	40.00	"	State of Arizona	240.00	240.00	.50	
San Jose Canal Company	Left	6S	27E	36	SW¼ SW¼	4S 10E 20 NE¼ SE¼	San Jose Canal	40.00	"	H. W. Johns	240.00	240.00	.50	
Tidwell Canal Company	Right	7S	27E	3	SE¼ NW¼	4S 10E 21 NW¼	Tidwell Canal	80.00	"	Mary T. Chaney	480.00	480.00	1.00	
Union Canal Company	Left	7S	27E	18	SE¼ NW¼	4S 10E 31 NW¼ SW¼	Union Canal	40.00	"	S. W. Newman	240.00	240.00	.50	
Sunflower Canal Company	Left	7S	26E	9	NW¼ SE¼	See Table No. 1 for detailed description of these lands.	Sunflower Canal	10.00	Graham	See Table No. 1 for Owner-ship data.	60.00	60.00	.13	
Graham Canal Company	Right	7S	26E	9	NE¼ NW¼	See Table No. 2 for detailed description of these lands.	Graham Canal	3750.00	Graham	See Table No. 2 for Owner-ship data.	1800.00	1800.00	3.75	
Brown Canal Company	Right	6S	28E	30	SE¼ SE¼	See Table No. 3 for detailed description of these lands.	Brown Canal	3000.00	Graham	See Table No. 3 for Owner-ship data.	1200.00	1200.00	2.50	
Dodge-Nevada Canal Company	Left	6S	25E	20	NE¼ NW¼	See Table No. 4 for detailed description of these lands.	Dodge-Nevada Canal	450.00	Graham	See Table No. 4 for Owner-ship data.	120.00	120.00	.25	
United States	Left	4S	11E	8	NW¼	See Table No. 5 for detailed description of these lands.	Ashurst-Hayden Diversion Dam & Florence Cages Grande Canal	5875.00	Graham	See Table No. 5 for Owner-ship data.	30.00	30.00	.06	
	Right	7S	26E	9	NW¼ SE¼	See Table No. 6 for detailed description of these lands.		400.00	Graham	See Table No. 6 for Owner-ship data.	30.00	30.00	.06	
	Right	6S	28E	30	SE¼ SE¼	See Table No. 8 for detailed description of these lands.		2577.00	Graham	See Table No. 8 for Owner-ship data.	120.00	120.00	.26	
	Left	6S	25E	20	NE¼ NW¼	See Table No. 9 for detailed description of these lands.		820.00	Graham	See Table No. 9 for Owner-ship data.	90.00	90.00	.19	
	Left	6S	25E	20	NE¼ NW¼	See Table No. 9 for detailed description of these lands.		1250.00	Graham	See Table No. 9 for Owner-ship data.	120.00	120.00	.26	
	Left	4S	11E	8	NW¼	4S 10E 29 NW¼ SW¼		37.00	Pinal	John Hendricks	222.00	222.00	.46	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Diversion right			
		Side of stream	Location				Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.						Sec.	Subdivision		Indi-vid-ual
Monteuma Canal Company	1880	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Monteuma Canal	3780.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	540.00	1.13
San Jose Canal Company	1880	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	600.00	1.30
Tidwell Canal Company	1880	Right	7S	27E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Owner-ship data.	240.00	.50
Union Canal Company	1880	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	1092.00	2.28
Graham Canal Company	1880	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	300.00	.63
Brown Canal Company	1880	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Owner-ship data.	60.00	.13
Dodge-Nevada Canal Com-pany.	1880	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Owner-ship data.	300.00	.65
Smithville Canal Company	1880	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Owner-ship data.	2100.00	4.28
Nevada Consolidated Copper Company	1880	Right	5S	15E	14	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$	Pumps		Use of water for industrial, Municipal, domestic and related purposes.	Gila	For further definition of this right see Article IX.	780.00	1.62
Joseph J. Anderson	1880	Right	5S	15E	7	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Anderson Ditch	171.40	Tracts described below:	Pinal	Ownership data as below: Joseph J. Anderson	1028.40	2.14
								37.10	4S 14E 35 NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	"	222.60	.46
								40.00	4S 14E 35 SE $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	240.00	.50
								27.20	4S 14E 35 NE $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	163.20	.34
								19.30	4S 14E 35 SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	"	115.80	.24
								15.00	4S 14E 38 SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	"	90.00	.19
								25.70	4S 14E 38 NW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	184.20	.32
								7.10	4S 14E 38 SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	"	42.60	.09
Monteuma Canal Company	1881	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Monteuma Canal	3780.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	180.00	.39
San Jose Canal Company	1881	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	600.00	1.30
Tidwell Canal Company	1881	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Owner-ship data.	120.00	.26
Union Canal Company	1881	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	1308.00	2.71
Sunflower Canal Company	1881	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	60.00	.13
Graham Canal Company	1881	Right	7S	26E	9	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	180.00	.37
Brown Canal Company	1881	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Owner-ship data.	60.00	.13



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.	Maximum rate of diversion in c. ft. per ac.			
			Twp.	Rge.			Sec.	Subdivision				Twp.	Rge.	Sec.
Montezuma Canal Company	1880	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	540.00	1.	
San Jose Canal Company	1880	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	600.00	1.	
Tidwell Canal Company	1880	Right	7S	27E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	240.00	2.	
Union Canal Company	1880	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	1092.00	2.	
Graham Canal Company	1880	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	300.00	2.	
Brown Canal Company	1880	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	60.00	2.	
Dodge-Nevada Canal Company	1880	Left	6S	26E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Ownership data.	300.00	2.	
Smithville Canal Company	1880	Left	6S	25E	36	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Ownership data.	2100.00	4.	
Nevada Consolidated Copper Company	1880	Right	6S	15E	14	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$	Pumps		Use of water for industrial, Municipal, domestic and related purposes.	Gills	For further definition of this right see Article IX.	780.00	1.	
Joseph J. Anderson	1880	Right	5S	15E	7	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Anderson Ditch	171.40	Tracts described below: 37.10 4S 14E 35 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 40.00 4S 14E 35 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 27.20 4S 14E 35 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 19.30 4S 14E 35 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 15.00 4S 14E 36 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 25.70 4S 14E 36 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 7.10 4S 14E 36 SW $\frac{1}{4}$ SW $\frac{1}{4}$	Final	Ownership data as below: Joseph J. Anderson	1023.40	272.60 240.00 163.20 115.80 90.00 154.20 42.60	2.
Montezuma Canal Company	1881	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	180.00	1.	
San Jose Canal Company	1881	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	600.00	1.	
Tidwell Canal Company	1881	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	120.00	2.	
Union Canal Company	1881	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	1308.00	2.	
Sunflower Canal Company	1881	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	60.00	2.	
Graham Canal Company	1881	Right	7S	26E	9	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	180.00	2.	
Brown Canal Company	1881	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	60.00	2.	



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right	
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision				
Montezuma Canal Company	1882	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	540.00	1.13
San Jose Canal Company	1882	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	1200.00	2.50
Tidwell Canal Company	1882	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	240.00	.50
Union Canal Company	1882	Left	7S	27E	17	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	660.00	1.37
Graham Canal Company	1882	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	552.00	1.15
Fort Thomas Consolidated Canal Company	1882	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	240.00	.50
Brown Canal Company	1882	Right	6S	28E	36	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	120.00	.26
Dodge-Nevada Canal Company	1882	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	540.00	1.12
Smithville Canal Company	1882	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1780.00	See Table No. 10 for detailed description of these lands.	Graham	1500.00	3.13
Curtis Canal Company	1882	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1650.00	See Table No. 11 for detailed description of these lands.	Graham	480.00	1.00
Middle Canal Company	1882	Left	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Middle Canal	1.00	19S 21W 3 NW $\frac{1}{4}$ SW $\frac{1}{4}$	Hidalgo	6.00	.01
Sunset Canal Company	1882	Right	19S	20W	21	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Sunset Canal	26.60	Tracts described below: 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 NE $\frac{1}{4}$ SW $\frac{1}{4}$	Hidalgo	159.60	.33
Cooper & Windham Canal Company	1882	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Cooper & Windham Canal	57.60	Tracts described below: 19S 21W 3 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 NW $\frac{1}{4}$ SE $\frac{1}{4}$	Hidalgo	345.60	.72
Montezuma Canal Company	1883	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	4.30	19S 21W 4 SE $\frac{1}{4}$ NE $\frac{1}{4}$	Graham	300.00	.62
San Jose Canal Company	1883	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 1 for detailed description of these lands.	Graham	600.00	1.30
Tidwell Canal Company	1883	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 2 for detailed description of these lands.	Graham	60.00	.13
Union Canal Company	1883	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 3 for detailed description of these lands.	Graham	3575.00	7.45
Sundowner Canal Company	1883	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sundowner Canal	400.00	See Table No. 4 for detailed description of these lands.	Graham	30.00	.06

Party entitled to divert from the stream.	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Side of stream	Location			Number of acres	Description		County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac-ft.	Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision				
Montezuma Canal Company	1882	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	540.00	1.1
San Jose Canal Company	1882	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	1200.00	2.5
Tidwell Canal Company	1882	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	240.00	.5
Union Canal Company	1882	Left	7S	27E	17	SE $\frac{1}{4}$ NW $\frac{1}{4}$	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	660.00	1.5
Graham Canal Company	1882	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	552.00	1.1
Fort Thomas Consolidated Canal Company	1882	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Ownership data.	240.00	.5
Brown Canal Company	1882	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	120.00	.5
Dodge-Neveda Canal Company	1882	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Ownership data.	540.00	1.1
Smithville Canal Company	1882	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	1760.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Ownership data.	1500.00	3.1
Curtis Canal Company	1882	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	1650.00	See Table No. 11 for detailed description of these lands.	Graham	See Table No. 11 for Ownership data.	480.00	1.1
Middle Canal Company	1882	Left	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	1.00	19S 21W 3 NW $\frac{1}{4}$ SW $\frac{1}{4}$	Hidalgo	G. W. Johnson	6.00	.1
Sunset Canal Company	1882	Right	19S	20W	21	SW $\frac{1}{4}$ NW $\frac{1}{4}$	24.60	Tracts described below: 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$	Hidalgo	Ownership data as below: Peter Mortensen	159.60	.1
Cooper & Windham Canal Company	1882	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	57.60	Tracts described below: 19S 21W 3 SW $\frac{1}{4}$ NW $\frac{1}{4}$	Hidalgo	Ownership data as below: J. R. Beavers O. Mortensen	345.60	.1
Montezuma Canal Company	1883	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	300.00	.1
San Jose Canal Company	1883	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	600.00	1.1
Tidwell Canal Company	1883	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	60.00	.1
Union Canal Company	1883	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	3570.00	7.1
Sunflower Canal Company	1883	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	30.00	.1

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision		County	Indi-vid-ual		Total	
Graham Canal Company	1883	Right	7S	26E	9	NE¼ NW¼	Graham Canal	2577.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 6 for Owner-ship data.	834.00	Indi-vid-ual	1.74
Fort Thomas Consolidated Canal Company	1883	Left	6S	24E	4	NE¼ NW¼	Fort Thomas Consolidated Canal	2200.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 7 for Owner-ship data.	660.00	Indi-vid-ual	1.38
Brown Canal Company	1883	Right	6S	28E	30	SE¼ SE¼	Brown Canal	820.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 8 for Owner-ship data.	150.00	Indi-vid-ual	.52
Dodge-Nevada Canal Company	1883	Left	6S	25E	20	NE¼ NW¼	Dodge-Nevada Canal	1250.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 9 for Owner-ship data.	540.00	Indi-vid-ual	1.12
Smithville Canal Company	1883	Left	6S	25E	35	SW¼ NE¼	Smithville Canal	1760.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 10 for Owner-ship data.	900.00	Indi-vid-ual	1.88
Curtis Canal Company	1883	Right	6S	24E	12	NW¼ NW¼	Curtis Canal	1650.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 11 for Owner-ship data.	1650.00	Indi-vid-ual	3.44
United States	1884	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence Casa Grande Canal.	25.66	4S 10E 28 SW¼ SE¼ & NW¼ SE¼	Final	John B. Mitches	159.96	Indi-vid-ual	.33
Montesuma Canal Company	1884	Left	7S	27E	17	NE¼ NE¼	Montesuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	240.00	Indi-vid-ual	.50
San Jose Canal Company	1884	Left	6S	27E	36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	1200.00	Indi-vid-ual	2.50
Tidwell Canal Company	1884	Right	7S	27E	3	SE¼ NW¼	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Owner-ship data.	60.00	Indi-vid-ual	.13
Union Canal Company	1884	Left	7S	27E	18	SE¼ NW¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	2646.00	Indi-vid-ual	5.51
Nevada Consolidated Copper Company	1884	Right	5S	15E	14	SE¼ SW¼, SW¼ SE¼, SW¼ NW¼	Pumps	Use of water for Industrial, Municipal, Domestic & related purposes.	Gila	For further definition of this right see Article IX.	990.00	Indi-vid-ual	2.06	
Joseph J. Anderson	1884	Right	5S	15E	7	NW¼ SE¼	Anderson Ditch.	98.70	Tracts described below: 4S 14E 35 NE¼ NE¼ 4S 14E 35 NW¼ NE¼ 4S 14E 35 SW¼ NE¼ 4S 14E 35 NE¼ NW¼	Final	Ownership data as below: Joseph J. Anderson " " " " " "	592.20	Indi-vid-ual	1.22
Sunflower Canal Company	1884	Left	7S	26E	9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	60.00	Indi-vid-ual	.13
Graham Canal Company	1884	Right	7S	26E	9	NE¼ NW¼	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	60.00	Indi-vid-ual	.13
Fort Thomas Consolidated Canal Company	1884	Left	6S	24E	4	NE¼ NW¼	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Owner-ship data.	744.00	Indi-vid-ual	1.55



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Location		Number of acres		Description	County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.		
		Twp.	Rge. Sec.					Subdivision	Individual		Total	
Brown Canal Company	1884	6S	28E	30 SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham		300.00	.63	
Dodge-Nevada Canal Company	1884	6S	25E	20 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham		540.00	1.12	
Smithville Canal Company	1884	6S	25E	35 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham		480.00	1.00	
Curtis Canal Company	1884	6S	24E	12 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1650.00	See Table No. 11 for detailed description of these lands.	Graham		3870.00	8.06	
Duncan Canal Company	1884	8S	32E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$	Duncan Canal	40.00	Tracts described below: 8S 32E 19 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 19 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 19 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 20 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 20 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 20 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 20 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Greenelee " " " " " "	54.00 24.00 13.20 6.60 66.40 13.80 52.20		240.00	.11 .07 .08 .01 .14 .06 .11
[United States	1885	4S	11E	8 NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	110.00	5S 1 SE $\frac{1}{4}$ N. part	Pinal		660.00	1.38	
Montezuma Canal Company	1885	7S	27E	17 NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham		240.00	.50	
San Jose Canal Company	1885	6S	27E	36 SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham		600.00	1.25	
Union Canal Company	1885	7S	27E	18 SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham		3438.00	7.16	
Sunflower Canal Company	1885	7S	26E	9 NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham		60.00	.13	
Graham Canal Company	1885	7S	26E	9 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham		654.00	1.36	
Fort Thomas Consolidated	1885	6S	24E	4 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham		48.00	.01	
Brown Canal Company	1885	6S	28E	30 SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham		240.00	.50	
Dodge-Nevada Canal Company	1885	6S	25E	20 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham		540.00	1.10	
Smithville Canal Company	1885	6S	25E	35 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham		540.00	1.10	
Curtis Canal Company	1885	6S	24E	12 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1650.00	See Table No. 11 for detailed description of these lands.	Graham		1260.00	2.60	





Party entitled to divert from the stream	Date of priority	Point of diversion			1/2 Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.						Sec.	Subdivision		Indi-vid-ual	Total
Sunset Canal Company	1885	Right	19S	20W	21	SW 1/4 NW 1/4	22.70	Tracts described below: 17.20 18S 21W 32 SE 1/4 SE 1/4 5.50 19S 21W 5 Lot 1	Hidalgo	Ownership data as below: Mrs. T. M. Williamson	103.20 33.00	136.20	.28	
Nevada Consolidated Copper Company.	1885	Right	6S	15E	14	SE 1/4 SW 1/4, SW 1/4 SE 1/4, NE 1/4 NW 1/4		Use of water for Industrial, Municipal, Domestic and related purposes.	Gila	For further definition of this right see Article IX.	360.00		.75	
United States	1886	Left	4S	11E	8	NW 1/4	24.00	4S 9E 25 SE 1/4	Pinal	Thomas A. Crow	144.00		.30	
Montausma Canal Company	1886	Left	7S	27E	17	NE 1/4 NE 1/4	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Owner-ship data.	960.00		2.00	
Union Canal Company	1886	Left	7S	27E	18	SE 1/4 NW 1/4	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Owner-ship data.	3972.00		8.28	
Sundowner Canal Company	1886	Left	7S	28E	9	NW 1/4 SE 1/4	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	60.00		.13	
Graham Canal Company	1886	Right	7S	28E	9	NE 1/4 NW 1/4	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	1650.00		3.44	
Fort Thomas Consolidated Canal Company	1886	Left	6S	24E	4	NE 1/4 NW 1/4	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Owner-ship data.	528.00		1.10	
Brown Canal Company	1886	Right	6S	28E	30	SE 1/4 SE 1/4	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Owner-ship data.	180.00		.38	
Dodge-Nevada Canal Company	1886	Left	6S	25E	20	NE 1/4 NW 1/4	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Owner-ship data.	540.00		1.12	
Smithville Canal Company	1886	Left	6S	25E	35	SW 1/4 NE 1/4	1760.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Owner-ship data.	480.00		1.00	
Curtis Canal Company	1886	Right	6S	24E	12	NW 1/4 NW 1/4	1650.00	See Table No. 11 for detailed description of these lands.	Graham	See Table No. 11 for Owner-ship data.	600.00		1.25	
Duncan Canal Company	1886	Left	8S	32E	28	NE 1/4 SW 1/4	30.35	Tracts described below: 1.10 8S 32E 19 SW 1/4 & NW 1/4 8.80 8S 32E 19 SW 1/4 NE 1/4 3.30 8S 32E 19 SW 1/4 NE 1/4 2.20 8S 32E 19 SW 1/4 NE 1/4 2.40 8S 32E 19 SW 1/4 NE 1/4 3.00 8S 32E 19 SW 1/4 NE 1/4 2.25 8S 32E 19 NW 1/4 SE 1/4 8.00 8S 32E 19 NW 1/4 SE 1/4 2.20 8S 32E 19 NW 1/4 SE 1/4 3.30 8S 32E 19 SE 1/4 SE 1/4	Greenlee	Ownership data as below: C. C. Martin T. J. Brayton I. P. Oberholser W. J. Philpott David Davis J. A. Martin J. E. Fowler Mrs. S. L. Kemp Mrs. Maggie Cauthen J. A. Martin Mrs. M. A. Dees	3.60 6.60 52.80 1.80 1.20 2.40 3.00 1.80 13.50 4.80 1.20 1.80	182.10	.01 .01 .11 .01 .01 .01 .01 .01 .03 .01 .01 .01	.48

(Continued on next page.)





Party entitled to divert from the stream	Date of priority	Point of diversion			Names of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision		County	Individual	
Tidwell Canal Company	1887	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	120.00	.25
Union Canal Company	1887	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	1962.00	4.09
Sunflower Canal Company	1887	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	.13
Graham Canal Company	1887	Right	7S	27E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	480.00	1.00
Fort Thomas Consolidated Canal Company	1887	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	30.00	.06
Brown Canal Company	1887	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	630.00	1.31
Dodge-Nevada Canal Company	1887	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	540.00	1.13
Smithville Canal Company	1887	Left	6S	26E	36	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	420.00	.88
Curtis Canal Company	1887	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1680.00	See Table No. 11 for detailed description of these lands.	Graham	720.00	1.50
Duncan Canal Company	1887	Left	8S	32E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Duncan Canal	10.30 3.30 1.20	Tracts described below: 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	91.80	.13
Nevada Consolidated Copper Company	1887	Right	8S	15E	14	SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	Pumps	5.80	8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	19.80 7.20 24.80	.04 .02 .07
Cooper & Wintham Canal Company	1887	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Cooper & Wintham Canal	45.50 7.60 11.60 5.60 7.40	Use of water for Industrial, Municipal, domestic and	GHA	360.00	.75
Montezuma Canal Company	1888	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	12.00 2.30	Tracts described below: 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 19S 21W 3 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Hidalgo	378.00	.58
San Jose Canal Company	1888	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	216.00	.45
Union Canal Company	1888	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	600.00	1.25
	1888	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	978.00	2.04

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision		Twp.	Rge.		Sec.	Subdivision
Tidwell Canal Company	1887	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	480.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	120.00	Indi-vid-ual	.21
Union Canal Company	1887	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	1962.00	Total	4.01
Sunflower Canal Company	1887	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	60.00	Total	.13
Graham Canal Company	1887	Right	7S	27E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	480.00	Total	1.04
Fort Thomas Consolidated Canal Company	1887	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Ownership data.	30.00	Total	.06
Brown Canal Company	1887	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	320.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	630.00	Total	1.31
Dodge-Nevada Canal Company	1887	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Ownership data.	540.00	Total	1.15
Smithville Canal Company	1887	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Ownership data.	420.00	Total	.88
Curtis Canal Company	1887	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1650.00	See Table No. 11 for detailed description of these lands.	Graham	See Table No. 11 for Ownership data.	720.00	Total	1.56
Duncan Canal Company	1887	Left	8S	32E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Duncan Canal	10.30 3.30 1.20 5.80	Tracts described below: 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	Ownership data as below: A. N. Livvix { Ernest V. Romney & Eugene Romney }	61.80 19.80 7.20 34.80	Total	.15
Nevada Consolidated Copper Company	1887	Right	8S	15E	14	SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Pumps		Use of water for Industrial, Municipal, domestic and	Gila	For further definition of this right see Article IX	360.00	Total	.71
Cooper & Windham Canal Company	1887	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Cooper & Windham Canal	46.50 7.60 11.60 5.60 7.40	Tracts described below: 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 3 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Hidalgo	Ownership data as below: Peter Mortensen J. R. Beavers O. Mortensen { George H. Cooper, Jr., Administrator of the Estate of George Cooper, deceased }	279.00 45.60 69.60 33.60	Total	.68
Montesuma Canal Company	1888	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montesuma Canal	12.00 2.80	19S 21W 3 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 19S 21W 4 SE $\frac{1}{4}$ NE $\frac{1}{4}$	" "	For further definition of this right see Article IX	216.00 44.40 72.00 13.80	Total	.45
San Jose Canal Company	1888	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	600.00	Total	1.28
Union Canal Company	1888	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	978.00	Total	2.04



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Diversion right			
		Side of stream	Location			Number of acres	Description		County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision			Indi-vid-ual	Total	
Black & McCleskey Canal Company	1888	Left	8S	32E	19	NE¼ SE¼	NE¼ SE¼	Tracts described below: 8S 31E 13 SW¼ NE¼ 8S 31E 13 SE¼ NE¼ 8S 31E 13 NE¼ SE¼ 8S 31E 13 NW¼ SE¼ 8S 31E 13 NE¼ SW¼ 8S 32E 18 NE¼ SW¼ 8S 32E 18 NW¼ SW¼ 8S 32E 18 SW¼ SW¼ 8S 32E 18 SW¼ SW¼ 8S 32E 18 SE¼ SW¼ 8S 32E 18 SW¼ SE¼	Greenlee	Ownership data as below: W. W. Brooks B. A. Wilson W. W. Brooks B. A. Wilson Floyd Hightower B. A. Wilson	176.10	1056.60	2.20
											17.60	85.60	.22
											8.10	48.60	.10
											12.70	76.20	.44
											35.60	218.60	.66
											6.80	40.80	.09
											7.60	45.60	.10
											11.20	67.20	.14
											3.40	20.40	.04
											20.30	121.80	.25
4.80	28.80	.08											
9.80	58.80	.12											
37.80	226.80	.47											
United States	1889	Left	4S	11E	8	NW¼		205.00	Pinel	Ownership data as below: Dugald Stewart Leon M. Nowell	1230.00	2.56	
Montezuma Canal Company	1889	Left	7S	27E	17	NE¼ NE¼		3750.00	Graham	See Table No. 1 for Owner-ship data.	360.00	.75	
San Jose Canal Company	1889	Left	6S	27E	36	SW¼ SW¼		3000.00	Graham	See Table No. 2 for Owner-ship data.	300.00	.63	
Union Canal Company	1889	Left	7S	27E	18	SE¼ NW¼		5575.00	Graham	See Table No. 4 for Owner-ship data.	2820.00	6.15	
Sunflower Canal Company	1889	Left	7S	26E	9	NW¼ SE¼		400.00	Graham	See Table No. 5 for Owner-ship data.	60.00	.13	
Graham Canal Company	1889	Right	7S	26E	9	NE¼ NW¼		2577.00	Graham	See Table No. 6 for Owner-ship data.	828.00	1.73	
Fort Thomas Consolidated Canal Company	1889	Left	6S	24E	4	NE¼ NW¼		2200.00	Graham	See Table No. 7 for Owner-ship data.	360.00	.63	
Brown Canal Company	1889	Right	6S	28E	30	SE¼ SE¼		820.00	Graham	See Table No. 8 for Owner-ship data.	60.00	.13	
Dodge-Nevada Canal Company.	1889	Left	6S	25E	20	NE¼ NW¼		1250.00	Graham	See Table No. 9 for Owner-ship data.	540.00	1.13	
Curtis Canal Company	1889	Right	6S	24E	12	NW¼ NW¼		1650.00	Graham	See Table No. 11 for Owner-ship data.	600.00	1.25	
Duncan Canal Company	1889	Left	8S	32E	28	NE¼ SW¼		17.00 3.00 4.00 10.00	Greenlee	Ownership data as below: (Ernesta Frances, Adminis- tratrix of the Estate of (Frank Frances, deceased.	102.00 18.00 24.00 60.00	.22 .04 .05 .13	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																																										
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.																																							
			Twp.	Rge.			Sec.	Subdivision			Twp.	Rge.		Sec.	Subdivision	Indi-vid-ual	Total																																			
Black & McCleskey Canal Company	1888	Left	88	32E	19	NE¼ SE¼		Black & McCleskey Canal	Tracts described below: 88 31E 13 SW¼ NE¼ 88 31E 13 SE¼ NE¼ 88 31E 13 SE¼ NE¼ 88 31E 13 NW¼ SE¼ 88 31E 13 NW¼ SE¼ 88 31E 13 NW¼ SE¼ 88 32E 18 NE¼ SW¼ 88 32E 18 NW¼ SW¼ 88 32E 18 NW¼ SW¼ 88 32E 18 SW¼ SW¼ 88 32E 18 SW¼ SW¼ 88 32E 18 SW¼ SW¼ 88 32E 18 SW¼ SE¼	Greenlee	Ownership data as below: W. W. Brooks B. A. Wilson " " " " W. W. Brooks B. A. Wilson Floyd Hightower B. A. Wilson " " " "	176.10	1056.60	22	2.20																																					
												17.60																																								
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												4.80																																								
												9.80																																								
												37.40																																								
United States	1889	Left	48	11E	8	NW¼		Ashurst-Hayden Diversion Dam & Florence Canal Grande Canal	Tracts described below: 58 9E 11 NE¼ NE¼ 58 9E 15 W¼ NW¼ 58 9E 15 W¼ SW¼ 58 10E 6 NW¼	Pinal	Ownership data as below: Dugald Stewart Leon M. Nowell State of Arizona	205.00	1230.00	31	2.56																																					
												25.00																																								
												70.00																																								
												80.00																																								
												30.00																																								
												Montezuma Canal Company	1889	Left		78	27E	17	NE¼ NE¼		Montezuma Canal	See Table No. 1 for detailed descriptions of these lands.	Graham	See Table No. 1 for Ownership data.	3750.00	360.00	1.00	.75																								
																									San Jose Canal	See Table No. 2 for detailed descriptions of these lands.	Graham		See Table No. 2 for Ownership data.	3000.00	300.00	.88																				
																														Union Canal	See Table No. 4 for detailed descriptions of these lands.	Graham	See Table No. 4 for Ownership data.	5575.00	2820.00	1.37																
																																		Sunflower Canal	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	400.00	60.00	.13												
																																						Graham Canal	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	2577.00	828.00	1.73								
																																										Fort Thomas Consolidated Canal	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Ownership data.	2200.00	300.00	.63				
																																														Brown Canal	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	820.00	60.00	.13
																																																		Dodge-Nevada Canal	See Table No. 9 for detailed description of these lands.	Graham
Curtis Canal	See Table No. 11 for detailed description of these lands.	Graham	See Table No. 11 for Ownership data.	1650.00	600.00	1.25																																														
				Duncan Canal	Tracts described below: 88 32E 18 NW¼ NE¼ 88 32E 19 SW¼ NE¼ 88 32E 19 NE¼ NW¼	Greenlee	Ownership data as below: (Ernesta Frances, Adminis- tratrix of the Estate of (Frank Frances, deceased.	17.00	102.00	.04																																										
								3.00																																												
								4.00																																												
								10.00																																												



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.			
			Twp.	Rge.			Sec.	Subdivision				County	Indi-vid-ual	Total
Middle Canal Company	1889	Left	19S	21E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Middle Canal	90.00	Tracts described below: 8S 32E 28 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 24.30 8S 32E 28 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 6.20 8S 32E 33 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 28.30 8S 32E 33 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 32.10	Greenlee	145.80	545.40	.30	1.13
Nevada Consolidated Copper Company	1890	Right	6S	15E	14	SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Pumps	143.00	Use of water for industrial, municipal, domestic and related purposes.	Gila	60.00	60.00	.13	.13
United States	1890	Left	6S	15E	23	SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence Cass Grande Canal	20.00	Tracts described below: 4S 10E 29 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 3.00 5S 3E 30 E $\frac{1}{4}$ NE $\frac{1}{4}$ 80.00 5S 3E 30 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.00	Pinel	120.00	868.00	.25	1.79
Montezuma Canal Company	1890	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	360.00	360.00	.75	.75
Union Canal Company	1890	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	2820.00	2820.00	5.87	5.87
Sunflower Canal Company	1890	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	60.00	.13	.13
Graham Canal Company	1890	Right	7S	26E	8	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	480.00	480.00	1.00	1.00
Brown Canal Company	1890	Right	8S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	300.00	300.00	.62	.62
Dodge-Nevada Canal Company	1890	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	540.00	540.00	1.13	1.13
Smithville Canal Company	1890	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	600.00	600.00	1.25	1.25
Curtis Canal Company	1890	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	1650.00	See Table No. 11 for detailed description of these lands.	Graham	300.00	300.00	.62	.62
United States	1891	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence Cass Grande Canal	974.00	Tracts described below: 4S 10E 28 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 12.00 5S 8E 23 SE $\frac{1}{4}$ 160.00 5S 8E 24 E $\frac{1}{4}$ NE $\frac{1}{4}$ 70.00 5S 8E 24 SE $\frac{1}{4}$ 160.00 5S 8E 25 N $\frac{1}{4}$ NW $\frac{1}{4}$ 40.00 5S 8E 25 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 160.00	Pinel	72.00	5844.00	15	12.17
								30.00	6S 6E 19 SE $\frac{1}{4}$ SE $\frac{1}{4}$		960.00	2.00	2.00	
								18.00	6S 6E 20 NW $\frac{1}{4}$ SE $\frac{1}{4}$		420.00	.87	.87	
								40.00	6S 6E 22 SE $\frac{1}{4}$ SE $\frac{1}{4}$		960.00	2.00	2.00	
								80.00	6S 6E 32 E $\frac{1}{4}$ NE $\frac{1}{4}$		480.00	1.00	1.00	
								80.00	6S 6E 33 NW $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ NW		240.00	.50	.50	
								40.00	6S 6E 33 SW $\frac{1}{4}$ SW $\frac{1}{4}$		960.00	2.00	2.00	
								6.00	6S 6E 34 Lot 1, Blk 38 Arizona Townsite.		180.00	.37	.37	
											480.00	1.00	1.00	
											480.00	1.00	1.00	
											240.00	.50	.50	
											36.00	.08	.08	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description	County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.			
			Twp.	Rge.					Sec.	Subdivision	Indi-vid-ual	Total	Indi-vid-ual	Total
Montezuma Canal Company	1891	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	360.00	360.00	.75	
San Jose Canal Company	1891	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	300.00	300.00	.63	
Tidwell Canal Company	1891	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	60.00	60.00	.13	
Union Canal Company	1891	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	1200.00	1200.00	2.50	
Sunflower Canal Company	1891	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	60.00	.13	
Graham Canal Company	1891	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	1410.00	1410.00	2.94	
Brown Canal Company	1891	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	900.00	900.00	1.88	
Dodge-Nevada Canal Company	1891	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	300.00	300.00	.63	
Fourness Canal Company	1891	Left	7S	26E	1	NW $\frac{1}{4}$ NE $\frac{1}{4}$	Fourness Canal	260.00	See Table No. 12 for detailed description of these lands.	Graham	1650.00	1650.00	3.25	
Casper & Windham Extension Canal Company. Under Contract whereby Casper & Windham Canal Company makes actual diversion	1891	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Casper & Windham Canal	28.20	Tracts described below: 8S 32E 34 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 2S 20 8S 32E 34 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 1.60 8S 32E 34 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	8.40 161.20 9.60	169.20	.02 .32 .02	.36
Duncan Canal Company	1891	Left	8S	32E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Duncan Canal	5.20	Tracts described below: 8S 32E 19 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5.20 8S 32E 19 SE $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	30.00 1.20	31.20	.05 .01	.06
United States	1892	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	400.00	Tracts described below: 5S 8E 24 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.00 5S 8E 25 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 80.00 5S 8E 35 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 20.00 5S 9E 10 SW $\frac{1}{4}$ NW $\frac{1}{4}$ ; NW $\frac{1}{4}$ SW $\frac{1}{4}$ 20.00 5S 9E 10 SE $\frac{1}{4}$ NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ SW $\frac{1}{4}$ 80.00 5S 9E 19 W $\frac{1}{4}$ NW $\frac{1}{4}$	Final	960.00 240.00 480.00 120.00 120.00 480.00	2400.00	2.00 .50 1.00 .25 1.00	5.00
Montezuma Canal Company	1892	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	360.00	360.00	.75	
Union Canal Company	1892	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	660.00	660.00	1.35	
Sunflower Canal Company	1892	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	120.00	120.00	.25	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which rights acquired			Diversion right			
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		
			Referred to G. & S. R. B. & M. or N. M. B. & M.	Twp. Rge. Sec.			Subdivision	County		Indi-vid-ual	Total	
Montezuma Canal Company	1891	Left	7S 27E 17	NE¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	360.00	.71	
San Jose Canal Company	1891	Left	6S 27E 36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	300.00	.62	
Tidwell Canal Company	1891	Right	7S 27E 3	SE¼ NW¼	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	60.00	.13	
Union Canal Company	1891	Left	7S 27E 18	SE¼ NW¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	1200.00	2.51	
Sunflower Canal Company	1891	Left	7S 26E 9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	60.00	.13	
Graham Canal Company	1891	Right	7S 26E 9	NE¼ NW¼	Graham Canal	2677.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	1410.00	2.94	
Brown Canal Company	1891	Right	6S 26E 30	SE¼ SE¼	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	900.00	1.88	
Dodge-Nevada Canal Company	1891	Left	6S 26E 20	NE¼ NW¼	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for Ownership data.	300.00	.61	
Fourness Canal Company	1891	Left	7S 26E 1	NW¼ NE¼	Fourness Canal	260.00	See Table No. 12 for detailed description of these lands.	Graham	See Table No. 12 for Ownership data.	1660.00	3.21	
Cooper & Windham Extension Canal Company. Under Contract whereby Cooper & Windham Canal Company makes actual diversion	1891	Right	19S 21W 11	NW¼ SE¼	Cooper & Windham Canal	28.20	Tracts described below: 8S 32E 34 NW¼ NE¼ 8S 32E 34 SW¼ NE¼ 8S 32E 34 SW¼ NE¼	Greenlee	Ownership data as below: A. T. Layton " " " "	8.40 161.20 9.60	.93	
Duncan Canal Company	1891	Left	8S 32E 28	NE¼ SW¼	Duncan Canal	5.20	Tracts described below: 8S 32E 19 NE¼ NW¼ 8S 32E 19 SE¼ NW¼	Greenlee	Ownership data as below: Roy D. Williams " "	30.00 1.20	.06	
United States	1892	Left	4S 11E 8	NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal	400.00	Tracts described below: 5S 8E 24 SW¼ 5S 8E 25 SW¼ NW¼ 5S 8E 35 NW¼ 5S 9E 10 SW¼ NW¼; NW¼ SW¼ 5S 9E 10 SE¼ NW¼; NE¼ SW¼ 5S 9E 19 W¼ NW¼	Final	Ownership data as below: Robert H. Pottebaum Grace R. Becken Ed Lacy & Hazel A. Converse H. G. Richardson H. M. Fennimore Lillian C. Merchant	960.00 240.00 480.00 120.00 120.00 480.00	2.00 .50 1.00 .25 .25 1.00	5.04
Montezuma Canal Company	1892	Left	7S 27E 17	NE¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	360.00	.71	
Union Canal Company	1892	Left	7S 27E 18	SE¼ NW¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	660.00	1.33	
Sunflower Canal Company	1892	Left	7S 26E 9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	120.00	.21	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Division right			
		Side of stream	Location				Description	County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	For irrigation season in ac.-ft.		Total
			Twp.	Rge.								Sec.	Subdivision	
Graham Canal Company	1892	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	980.00	2.00	980.00	
Brown Canal Company	1892	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 6 for detailed description of these lands.	Graham	270.00	.56	270.00	
Dodge-Nevada Canal Company	1892	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	1250.00	See Table No. 8 for detailed description of these lands.	Graham	180.00	.38	180.00	
Smithville Canal Company	1892	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1769.00	See Table No. 9 for detailed description of these lands.	Graham	153.00	.31	153.00	
Sunset Canal Company	1892	Right	19S	21W	11	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Sunset Canal	96.56	See Table No. 10 for detailed description of these lands.	Graham	578.00	1.20	578.00	
								96.56	Tracts described below:	Hidalgo	23.40	.06	23.40	
								2.80	19S 20W 18 NW $\frac{1}{4}$ NW $\frac{1}{4}$	"	28.90	.09	28.90	
								2.80	19S 20W 18 NW $\frac{1}{4}$ NW $\frac{1}{4}$	"	19.80	.04	19.80	
								3.30	19S 20W 18 SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	57.00	.12	57.00	
								9.50	19S 20W 18 SE $\frac{1}{4}$ NW $\frac{1}{4}$	"	13.20	.02	13.20	
								2.20	19S 20W 18 SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	1.80	.01	1.80	
								14.80	19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	88.80	.19	88.80	
								4.80	19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	28.80	.06	28.80	
								3.80	19S 21W 11 NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	21.00	.04	21.00	
								18.80	19S 21W 12 SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	112.80	.24	112.80	
								4.10	19S 21W 12 SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	24.60	.05	24.60	
								20.50	19S 21W 13 NE $\frac{1}{4}$ NE $\frac{1}{4}$	"	123.00	.28	123.00	
								6.00	19S 21W 13 NW $\frac{1}{4}$ NE $\frac{1}{4}$	"	38.00	.08	38.00	
United States	1893	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence Casa Grande Canal	326.00	Tracts described below:	Final	1956.00	4.07	1956.00	
								160.00	6S 9E 29 NW $\frac{1}{4}$	"	960.00	2.00	960.00	
								160.00	6S 9E 31 NW $\frac{1}{4}$	"	960.00	2.00	960.00	
								6.00	6S 9E 34 Lot 2, Bk 39 Arizola Trwsite	"	38.00	.07	38.00	
Montezuma Canal Company	1893	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3780.00	See Table No. 1 for detailed description of these lands.	Graham	480.00	1.00	480.00	
San Jose Canal Company	1893	Left	6S	27E	26	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	600.00	1.25	600.00	
Tidwell Canal Company	1893	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tidwell Canal	450.00	See Table No. 3 for detailed description of these lands.	Graham	60.00	.13	60.00	
Union Canal Company	1893	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	150.00	.31	150.00	
Graham Canal Company	1893	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	270.00	.56	270.00	
Fort Thomas Consolidated Canal Company	1893	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	1260.00	2.63	1260.00	
Brown Canal Company	1893	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Brown Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	420.00	.88	420.00	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																																																																																																										
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.																																																																																																								
			Twp.	Rge.			Sec.	Subdivision					Indi-vid-ual	Total																																																																																																						
Moddle Canal Company	1893	Left	18S	21W	11	NW¼ SE¼	Moddle Canal	Tracts described below: 18S 21W 3 SW¼ SW¼ 14 30 3 SE¼ SW¼ 7 10 3 SW¼ SE¼ 18S 21W 3 SW¼ SE¼ 7 30 4 NE¼ SE¼ 18S 21W 4 NE¼ SE¼ 13 30 4 NE¼ SE¼ 2 40 10 NE¼ NE¼ 8 10 10 NW¼ NE¼	Hidalgo	Ownership data as below: G. W. Johnson W. W. Lloyd " " " " " " G. W. Johnson " " " " W. W. Lloyd " "	471.00	.98																																																																																																								
													United States	1894	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence Cress Grande Canal	Tracts described below: 8S 3E 21 SE¼ NW¼ 5S 3E 23 E¼ SE¼ NE¼ 40 00 3S 3E 23 SE¼ SE¼ 15 00 3S 3E 23 E¼ SE¼ NE¼ 10 00 3S 3E 24 E¼ SE¼ SW¼ 10 00 3S 3E 25 NE¼ SE¼ 65 00 3S 3E 25 E¼ SW¼	Final	Ownership data as below: Robert Denton, Administrator of the Estate of George F. Gallagher, deceased. John MacGregor Goodale John W. Burris James E. Brophy Earl F. Smalley George W. Burgess Florence Pallamouter and Howard G. Pallamouter	1152.00	2.40																																																																																											
																										Monteruma Canal Company	1894	Left	7S	27E	17	NE¼ NE¼	Monteruma Canal	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership ship data.	240.00	.50																																																																														
																																							Tidwell Canal Company	1894	Right	7S	27E	3	SE¼ NW¼	Tidwell Canal	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership ship data.	60.00	.13																																																																	
																																																				Union Canal Company	1894	Left	7S	27E	18	SE¼ NW¼	Union Canal	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership ship data.	510.00	1.06																																																				
																																																																	Graham Canal Company	1894	Right	7S	26E	9	NE¼ NW¼	Graham Canal	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership ship data.	180.00	.38																																							
																																																																														Smithville Canal Company	1894	Left	6S	25E	35	SW¼ NE¼	Smithville Canal	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Ownership ship data.	150.00	.31																										
																																																																																											Valley Canal Company	1894	Right	18S	21W	4	NE¼ NW¼	Valley Canal	Tracts described below: 8S 32E 7 SW¼ SW¼ 11 70 3S 32E 7 SE¼ SW¼ 18 40 3S 32E 18 NE¼ NW¼ 14 40 3S 32E 18 NW¼ NW¼ 7 40 3S 32E 18 SW¼ NW¼ 20 80 3S 32E 18 SE¼ NW¼	Greenlee	Ownership data as below: W. T. Sanders " " " " " " " " " " " " " " " " " "	465.40	.99													
																																																																																																								Moddle Canal Company	1894	Left	18S	21W	11	NW¼ SE¼	Moddle Canal	Tracts described below: 8S 32E 33 NE¼ SE¼ 28 30 3S 32E 33 NW¼ SE¼ 37 80 3S 32E 33 SW¼ SE¼ 38 80 3S 32E 33 SE¼ SE¼ 15 00 3S 32E 33 NE¼ SE¼ 38 60 3S 32E 4 NW¼ NE¼	Greenlee	Ownership data as below: L. G. Moyers " " " " " " " " " " " " " " " " " "	1065.00	2.22

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right		Maximum rate of diversion in cu. ft. per sec.																																																																			
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.		Indi-vid-ual	Total																																																																	
			Twp.	Rge.			Sec.	Sub-division							Twp.	Rge.	Sec.	Sub-division																																																													
Moddle Canal Company	1893	Left	19S	21W	11	NW¼ SE¼	Moddle Canal	78.50	Hidalgo	Ownership data as below:	471.00	.88																																																																			
													Tracts described below:																																																																		
													28.00	19S 21W 11 SW¼ SW¼																																																																	
													14.30	19S 21W 11 SE¼ SW¼																																																																	
													7.30	19S 21W 11 SW¼ SE¼																																																																	
													7.00	19S 21W 11 SE¼ SE¼																																																																	
													13.30	19S 21W 11 NE¼ SE¼																																																																	
													2.40	19S 21W 10 NE¼ NE¼																																																																	
													8.10	19S 21W 10 NE¼ NE¼																																																																	
													United States	1894	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence Cass Grande Canal	192.00	Final	Ownership data as below:	1152.00	2.40																																																						
Tracts described below:																																																																															
40.00	5S 8E 21 SE¼ NW¼																																																																														
12.00	5S 8E 23 E¼ SE¼ NE¼																																																																														
40.00	5S 23 SE¼ SE¼ NE¼																																																																														
15.00	5S 24 E¼ SE¼ NE¼																																																																														
10.00	5S 24 E¼ SE¼ SW¼																																																																														
10.00	5S 25 NE¼ SE¼																																																																														
65.00	5S 25 E¼ SW¼																																																																														
Montezuma Canal Company	1894	Left	7S	27E	17	NE¼ NE¼	Montezuma Canal	3750.00	Graham	See Table No. 1 for detailed description of these lands.	240.00	.50																																																																			
													Tidwell Canal Company	1894	Right	7S	27E	3	SE¼ NW¼	Tidwell Canal	450.00	Graham	See Table No. 3 for detailed description of these lands.	60.00	.12																																																						
																										Union Canal Company	1894	Left	7S	27E	18	SE¼ NW¼	Union Canal	5575.00	Graham	See Table No. 4 for detailed description of these lands.	510.00	1.06																																									
																																							Graham Canal Company	1894	Right	7S	28E	9	NE¼ NW¼	Graham Canal	2577.00	Graham	See Table No. 6 for detailed description of these lands.	180.00	.28																												
																																																				Smithville Canal Company	1894	Left	6S	25E	35	SW¼ NE¼	Smithville Canal	1760.00	Graham	See Table No. 10 for detailed description of these lands.	150.00	.31															
																																																																	Valley Canal Company	1894	Right	19S	21W	4	NE¼ NW¼	Valley Canal	78.90	Greenlee	Ownership data as below:	465.40	.81		
																																																																														Tracts described below:	
																																																																														5.20	3S 32E 7 SW¼ SW¼
																																																																														11.70	3S 32E 7 SE¼ SW¼
																																																																														19.40	3S 32E 18 NE¼ NW¼
14.40	3S 32E 18 NW¼ NW¼																																																																														
7.40	3S 32E 18 SW¼ NW¼																																																																														
20.80	3S 32E 18 SE¼ NW¼																																																																														
Moddle Canal Company	1894	Left	19S	21W	11	NW¼ SE¼	Moddle Canal	177.60	Greenlee	Ownership data as below:	1085.00	2.2																																																																			
													Tracts described below:																																																																		
													19.00	3S 32E 33 NE¼ SE¼																																																																	
													28.30	3S 32E 33 NW¼ SE¼																																																																	
													37.80	3S 32E 33 SW¼ SE¼																																																																	
													38.86	3S 32E 33 SE¼ SE¼																																																																	
													15.00	3S 32E 33 NE¼ SE¼																																																																	
													38.60	3S 32E 4 NW¼ NE¼																																																																	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired				Parties owning said lands when jurisdiction acquired hereon	Diversion right																					
		Side of stream	Location				Description	County	For irrigation season in ac. ft.			Maximum rate of diversion in cu. ft. per sec.																					
			Twp.	Rge.					Sec.	Subdivision			Indi-vid-ual	Total	Indi-vid-ual	Total																	
United States	1895	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal.	740.30	Tracts described below:	Pinal	Ownership data as below: Elizabeth M. Martin Roland H. Moorehouse " " " " " " " " Andris V. Salazar Valley Bank & Trust Company	4441.80	9.25																				
								5.00	4S 9E 36 SW¼ NW¼			30.00	.06																				
								35.29	4S 9E 36 W¼ NW¼			211.74	.44																				
								39.71	4S 9E 36 NE¼ NW¼			238.26	.60																				
								10.29	4S 9E 36 NE¼ NW¼			61.74	.13																				
								10.44	4S 9E 36 W¼ E¼ NW¼			62.64	.13																				
								11.00	4S 9E 36 W¼ E¼ NW¼			66.00	.13																				
								80.00	4S 10E 28 W¼ NW¼			480.00	1.00																				
								8.00	4S 10E 28 W¼ NW¼			480.00	1.00																				
								8.57	5S 9E 2 Blk 5, 6, 7 & 8 Townsite			43.00	.10																				
Montezuma Canal Company	1895	Left	7S	27E	17	NE¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	240.00	.50																				
								50.00	5S 9E 6 W¼ NW¼			309.00	.63																				
								60.00	6S 5E 24 SW¼ SE¼			369.00	.75																				
								80.00	6S 5E 25 SW¼ NE¼			480.00	1.00																				
								80.00	6S 5E 25 W¼ NW¼			480.00	1.00																				
								50.00	6S 5E 26 E¼ SE¼			480.00	1.00																				
								40.00	6S 6E 23 SE¼ SW¼			300.00	.63																				
								20.00	6S 7E 31 E¼ SE¼ SE¼			240.00	.50																				
								15.00	6S 7E 31 W¼ SE¼ SE¼			120.00	.25																				
								10.00	6S 7E 32 W¼ SW¼ NW¼			80.00	.18																				
San Jose Canal Company	1895	Left	6S	27E	36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	300.00	.63																				
								10.00	6S 7E 32 NW¼ NW¼ SW¼			80.00	.18																				
								113.00	6S 7E 32 NW¼ NW¼ SW¼			80.00	.18																				
								7.00	6S 7E 3 E¼ SW¼ W¼ SE¼			60.00	.12																				
								7.00	6S 7E 5 N¼ NW¼			678.00	1.41																				
								3750.00	See Table No. 1 for detailed description of these lands.			42.00	.09																				
								Union Canal Company	1895			Left	7S	27E	18	SE¼ NE¼	Union Canal	5575.00	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	150.00	.31										
																		400.00	See Table No. 5 for detailed description of these lands.			120.00	.25										
																		2577.00	See Table No. 6 for detailed description of these lands.			1200.00	2.50										
																		2200.00	See Table No. 7 for detailed description of these lands.			210.00	.44										
36.00	See Table No. 13 for detailed description of these lands.	180.00	.38																														
Sunflower Canal Company	1895	Left	7S	26E	9	NW¼ SE¼	Sunflower Canal			400.00	See Table No. 5 for detailed description of these lands.							Graham	See Table No. 5 for Ownership data.			120.00	.25										
										2577.00	See Table No. 6 for detailed description of these lands.											1200.00	2.50										
										2200.00	See Table No. 7 for detailed description of these lands.											210.00	.44										
										36.00	See Table No. 13 for detailed description of these lands.											180.00	.38										
										Graham Canal Company	1895											Right	7S	26E	9	NE¼ NW¼	Graham Canal	400.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	120.00	.25
								2577.00	See Table No. 6 for detailed description of these lands.			1200.00	2.50																				
								2200.00	See Table No. 7 for detailed description of these lands.			210.00	.44																				
								36.00	See Table No. 13 for detailed description of these lands.			180.00	.38																				
								Fort Thomas Consolidated Canal Company	1895			Left	6S	24E	4	NE¼ NW¼	Fort Thomas Consolidated Canal			2200.00	See Table No. 7 for detailed description of these lands.							Graham	See Table No. 7 for Ownership data.			210.00	.44
																				36.00	See Table No. 13 for detailed description of these lands.											180.00	.38
Colvin-Jones Canal Company	1895	Right	4S	23E	26	SW¼ SW¼	Colvin-Jones Canal											36.00	See Table No. 13 for detailed description of these lands.	Graham	See Table No. 13 for Ownership data.											180.00	.38

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Diversion right																																																																				
		Side of stream	Location				Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac-ft.		Maximum rate of diversion in cu. ft. per sec.																																																																		
			Twp.	Rge.						Sec.	Indi-vid-ual		Total	Indi-vid-ual	Total																																																															
Valley Canal Company	1895	Right	19S	21W	4	NE 1/4 NW 1/4	Tracts described below: 85 32E 20 NE 1/4 NW 1/4 31.10 85 32E 20 NE 1/4 SE 1/4 21.60 85 32E 20 NW 1/4 SW 1/4 20.00 85 32E 20 SW 1/4 SE 1/4 19.90 85 32E 28 SE 1/4 SE 1/4 8.20 85 32E 29 NW 1/4 NE 1/4 7.80 85 32E 33 NE 1/4 NE 1/4	Greenlee	Ownership data as below: H. J. Nunn & T. A. Nunn Culver Kartchner H. J. Nunn & T. A. Nunn Heaton Lunt Sarah L. Richardson Heaton Lunt	894.80	43.29 186.69 129.60 120.08 119.40 49.20 46.80	.08 .39 .27 .25 .25 .11 .09	1.44																																																																	
														Cooper & Windham Extension Canal Company, Under contract whereby Cooper & Windham Canal Company makes actual diversion.	Right	19S	21W	11	NW 1/4 SE 1/4	Tracts described below: 85 32E 34 NE 1/4 SW 1/4 11.50 85 32E 34 NW 1/4 SW 1/4 35.60 85 32E 34 NW 1/4 SE 1/4 9.40 85 32E 34 NW 1/4 SE 1/4 28.70 85 32E 34 NW 1/4 SE 1/4 5.60 85 32E 34 SW 1/4 SE 1/4 2.80 85 32E 34 SW 1/4 SE 1/4 17.50 85 32E 34 SE 1/4 SE 1/4	Greenlee	Ownership data as below: Betty Marsh Chestham John Hagan George A. Lunt John Hagan	801.00	74.40 69.09 213.60 56.40 172.20 33.60 16.80 105.00	.28 .14 .45 .10 .36 .07 .04 .22	1.66																																																				
																											Middle Canal Company	Left	19S	21W	11	NW 1/4 SE 1/4	Tracts described below: 85 32E 33 SW 1/4 NE 1/4 8.70 85 32E 33 SW 1/4 NW 1/4 5.10 85 32E 33 SW 1/4 NE 1/4 1.30 85 32E 33 SW 1/4 NE 1/4 15.40 85 32E 33 SW 1/4 NW 1/4 22.10 85 32E 33 SE 1/4 NW 1/4	Greenlee	Ownership data as below: V. Soto " " " " Nicholas Suarez " " " "	433.20	117.60 52.20 30.60 7.80 92.40 132.60	.24 .11 .07 .09 .19 .28	.91																																							
																																								Sunset Canal Company	Right	19S	20W	21	SW 1/4 NW 1/4	Tracts described below: 19S 21W 12 SW 1/4 NW 1/4 5.00 19S 21W 12 SE 1/4 NW 1/4 8.50 19S 21W 12 NE 1/4 NW 1/4 0.60 19S 21W 12 SW 1/4 NW 1/4 8.80 19S 21W 12 SW 1/4 NW 1/4 3.10 19S 21W 12 SE 1/4 NW 1/4	Hidalgo	Ownership data as below: J. E. Carlson " " M. L. Harris " " " "	156.00	30.00 51.00 3.60 52.80 18.60	.06 .11 .01 .11 .04	.33																										
																																																					Nevada Consolidated Copper Company	Right	5S	16E	14	SE 1/4 SW 1/4 SW 1/4 SE 1/4 NE 1/4 NW 1/4	Use of water for Industrial, Municipal, Domestic and related purposes.	Gila	For further definition of this right see Article IX.	240.00	60.00 240.00 150.00	.18 .50 .31	3.88													
																																																																		United States	Left	4S	11E	8	NW 1/4	Tracts described below: 5S 16E 20 NW 1/4 NW 1/4 NW 1/4 40.00 5S 16E 14 SE 1/4 SW 1/4 25.00 5S 16E 15 SE 1/4 SE 1/4 95.00 5S 16E 15 SE 1/4 NE 1/4 & SE 1/4 NW 1/4 20.00 5S 16E 26 SE 1/4 NE 1/4 SW 1/4 20.00 5S 16E 35 SE 1/4 NE 1/4 NE 1/4 20.00 5S 16E 35 NE 1/4 NE 1/4 NE 1/4	Pinal	Ownership data as below: Archie L. Bartlett Frederick K. Kratzka Ed Drake Gustav Kratzka Frederick Kochemier Nellie R. Goehnow Dan T. Peart, Administrator of the Estate of Lola W. Lee, deceased. Roland Curry & Eldora Curry	1860.00	60.00 240.00 150.00 570.00 120.00 120.00 120.00 120.00 480.00	.18 .50 .31 1.19 .25 .25 .25 .25 1.00	3.88





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right	
		Side of stream	Location				Description	County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.								Sec.
Monteruma Canal Company	1896	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for Ownership data.	540.00	1.13	
San Jose Canal Company	1896	Left	6S	27E	30	SW $\frac{1}{4}$ SW $\frac{1}{4}$	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Ownership data.	600.00	1.25	
Tidwell Canal Company	1896	Right	7S	27E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 3 for detailed description of these lands.	Graham	See Table No. 3 for Ownership data.	180.00	.38	
Union Canal Company	1896	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 4 for detailed description of these lands.	Graham	See Table No. 4 for Ownership data.	750.00	1.66	
Sunflower Canal Company	1896	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Ownership data.	30.00	.06	
Graham Canal Company	1896	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Ownership data.	540.00	1.13	
Fort Thomas Consolidated Canal Company	1896	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Ownership data.	1764.00	3.68	
Brown Canal Company	1896	Right	6S	28E	30	SE $\frac{1}{4}$ SE $\frac{1}{4}$	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for Ownership data.	600.00	1.25	
Smithville Canal Company	1896	Left	6S	28E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Ownership data.	180.00	.38	
Black & McCleskey Canal Company	1896	Left	8S	32E	19	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 8S 32E 19 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	Ownership data as below: (Ernesta Francesc, Adminis- tratrix of the Estate of Frank Francesc, deceased	98.40 28.40 5.40 48.00	.21 .06 .01 .10	
Moddle Canal Company	1896	Left	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 8S 32E 29 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 29 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 33 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 9S 32E 31 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 9S 32E 31 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 9S 32E 31 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 31 SE $\frac{1}{4}$ SW $\frac{1}{4}$	Greenlee	Ownership data as below: Mrs. M. E. Pittman L. D. Moyers Joseph C. Ellidge	43.88 50.40 70.20 135.00 216.00 224.40 228.60 68.40	.09 .10 .14 .25 .46 .47 .14	
Sunset Canal Company	1896	Right	19S	20W	21	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 19S 21W 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 19S 21W 21 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 19S 21W 21 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 21 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 21 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 21 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 21 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 19S 21W 21 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 19S 21W 21 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 19S 21W 21 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 19S 21W 21 NE $\frac{1}{4}$ SE $\frac{1}{4}$	Hidalgo	Ownership data as below: Junius E. Payne Mary Jane Jones T. V. Jones M. B. Echols Byron Echols F. W. Jones Henry L. Smith	115.20 28.20 12.60 54.00 139.80 20.40 12.80 10.40 7.20 30.60 28.40 7.20	.24 .06 .03 .11 .29 .04 .03 .04 .02 .01 .06 .05 .02	

(continued)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right				
		Side of stream	Location			Number of acres	Description	County		For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.						Sec.	Subdivision		Indi-vid-ual	Total
(Continuation of Sunset Canal Company)	1896													
Monteuma Canal Company	1897	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Monteuma Canal	7.80 4.80 4.40	19S 21W 3 Lot 4 19S 21W 11 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 19S 21W 11 NW $\frac{1}{4}$ NE $\frac{1}{4}$	Hidalgo	46.80 28.80 2.40	.10 .06 .01	1.25	
San Jose Canal Company	1897	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	60.00		.13	
Sunflower Canal Company	1897	Left	7S	26E	9	NW $\frac{1}{4}$ NE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	30.00		.06	
Graham Canal Company	1897	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	300.00		.63	
Fort Thomas Consolidated Canal Company	1897	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	606.00		1.26	
Smithville Canal Company	1897	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	120.00		.25	
Colmenero Canal Company	1897	Right	8S	31E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Colmenero Canal	74.30	Tracts described below:	Greenlee	445.80		.94	
								2.30 6.20 28.10 14.00 18.50 .20 .40 3.30	7S 31E 33 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 7S 31E 33 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 7S 31E 33 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 7S 31E 33 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 7S 31E 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 31E 3 NW $\frac{1}{4}$ NW $\frac{1}{4}$					
Valley Canal Company	1897	Right	19S	21W	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Valley Canal	331.30	Tracts described below:	Greenlee	1937.80		4.16	
								7.60 13.20 26.20 1.70 29.70 35.60 29.30 20.70 37.90 9.70 9.90 3.30 42.70 27.30 36.90	8S 32E 19 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 19 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 20 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 20 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 20 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 20 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 20 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 27 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 27 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 29 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 29 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 29 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 34 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 8S 32E 34 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 34 SE $\frac{1}{4}$ NW $\frac{1}{4}$					

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right							
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.				
			Twp.	Rge.			Sec.	Subdivision		Twp.	Rge.		Sec.	Subdivision	Indi-vid-ual	Total
(Continuation of Sunset Canal Company)	1896					7.80 4.80 4.40	19S 19S 19S	21W 21W 21W	3 11 11	Lot 4 NE 1/4 NE 1/4 NW 1/4 NE 1/4	Hidalgo	H. M. Payne Junius E. Payne F. W. Jones	46.80 28.80 2.40	600.00	1.25	.10 .06 .01
Montezuma Canal Company	1897	Left	7S	27E	17	NE 1/4 NE 1/4	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for owner-ship data.	60.00	60.00	.13		
San Jose Canal Company	1897	Left	6S	27E	36	SW 1/4 SW 1/4	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for Owner-ship data.	30.00	30.00	.06		
Sunflower Canal Company	1897	Left	7S	26E	9	NW 1/4 NE 1/4	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for Owner-ship data.	300.00	300.00	.63		
Graham Canal Company	1897	Right	7S	26E	9	NE 1/4 NW 1/4	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for Owner-ship data.	600.00	600.00	1.26		
Fort Thomas Consolidated Canal Company	1897	Left	6S	24E	4	NE 1/4 NW 1/4	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for Owner-ship data.	120.00	120.00	.25		
Smithville Canal Company	1897	Left	6S	25E	35	SW 1/4 NE 1/4	Smithville Canal	1700.00	See Table No. 10 for detailed description of these lands.	Graham	See Table No. 10 for Owner-ship data.	445.80	445.80	.94		
Colmenero Canal Company	1897	Right	8S	31E	11	NW 1/4 SE 1/4	Colmenero Canal	74.30	Tracts described below:	Greenlee	Ownership data as below:	13.80 37.20 182.60 84.00 9.40 111.00 1.20 2.40 2.40 19.80	1987.80	4.16	.03 .08 .25 .18 .01 .29 .01 .01 .01 .04	
Valley Canal Company	1897	Right	19S	21W	4	NE 1/4 NW 1/4	Valley Canal	331.70	Tracts described below:	Greenlee	Ownership data as below:	4 45.60 79.20 161.20 10.20 178.20 213.00 175.80 124.20 227.40 58.20 59.40 19.80 256.20 163.80 221.40	1987.80	4.16	.01 .12 .16 .32 .03 .37 .44 .37 .26 .47 .13 .13 .04 .53 .32 .46	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Diversion right			
		Side of stream	Location			Number of acres	Description		County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision			Indi-vid-ual	Total	
Moddle Canal Company	1897	Left	19S	21W	11	NW¼ SE¼	Tracts described below: 8S 32E 33 NE¼ SW¼ 8S 32E 33 NW¼ NW¼ 8S 32E 33 SW¼ SW¼ 8S 32E 33 SE¼ SW¼ 8S 32E 34 NW¼ SW¼ 8S 32E 34 SW¼ SW¼ 8S 32E 34 SE¼ SW¼ 8S 32E 3 SW¼ NE¼ 8S 32E 3 SE¼ NE¼ 8S 32E 3 SW¼ NW¼ 8S 32E 3 SW¼ NW¼ 8S 32E 3 NE¼ NW¼ 8S 32E 4 NE¼ NE¼ 8S 32E 4 SE¼ NE¼ 8S 32E 4 NE¼ NW¼ 8S 32E 4 SW¼ NW¼ 8S 32E 4 SE¼ NW¼ 8S 32E 4 NE¼ SE¼ 8S 32E 5 SW¼ NW¼ 8S 32E 5 Lot 2 8S 32E 5 SW¼ NE¼ 8S 32E 5 SW¼ NE¼ 8S 32E 5 SW¼ NE¼	Greenlee	Ownership data as below: W. F. Moyers Mrs. R. S. Stewart " " " " " " " " W. F. Moyers T. J. Anderson " " " " " " " " W. T. Gale " " " " T. W. Arnett " " " " L. T. Christensen J. F. McGrath W. T. Gale " " " " Alvin Warner O. G. O'Dell R. E. Elledge 23R. 40 Jesse B. Simms " " " " R. J. McLaren M. A. Clouse George W. Wyatt Aubra Gilliland Dolores B. Shirk " " " " W. C. Packer " " " " Otto Gale " " " " School District #7, County of Hidalgo, State of New Mexico. E. G. Barlow I. S. Merrill " " " " M. E. Stewart J. L. Crabtree " " " " E. A. Merrill " " " " John B. Jones " " " " Ownership data as below: State of Arizona Ernest W. McFarland Nath Parks C. H. Southworth	4308.36	8.98		
												155.40	4308.36
Sunset Canal Company	1897	Right	19S	20W	21	SW¼ NW¼	1.70	Hidalgo	John B. Jones	10.20	.02		
United States	1898	Left	4S	11E	8	NW¼	Tracts described below: 38.22 4S 9E 36 SE¼ 20.00 5S 9E 1 NE¼ NE¼ NW¼ 4.21 6S 6E 30 SW¼ SW¼ NE¼ 10.00 5S 9E 1 NE¼ NE¼ NW¼ 4.01 5S 9E 1 NE¼ NE¼ NW¼	Pinal	Ownership data as below: State of Arizona Ernest W. McFarland Nath Parks C. H. Southworth	229.32	.48		
												38.22	229.32
Montezuma Canal Company	1898	Left	7S	27E	17	NE¼ NE¼	3750.00	Graham	See Table No. 1 for Owner-ship data.	480.00	1.00		





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																																																															
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.																																																													
			Twp.	Rge.			Sec.	Subdivision					Incl-vid-ual	Total	Incl-vid-ual	Total																																																									
Cooper & Windham Canal Company	1898	Right	19S	21W	11	NW¼ SE¼		Cooper & Windham Canal	Tracts described below: 18S 21W 31 Lot 4 18S 21W 31 Lot 3	Hidalgo	Ownership data as below: Owen Lunt Randall Lunt, Administrator of the Estate of Jasper Gale, deceased. B. J. Gale Florence R. Swofford Peter Watkins A. C. Gruwell G. Lynn Hatch R. W. Brooks R. H. Fricstons R. H. Lunt C. V. Lunt E. G. Davidson Owen A. Merrill A. C. Gruwell J. R. Beavers Owen Lunt	135.00	1380.20	.28	2.83																																																										
																226.70	18S 21W 31 Lot 4			213.00																																																					
																22.50	18S 21W 31 Lot 3			132.60																																																					
																35.50				74.40																																																					
																22.10	18S 21W 31 Lot 4			144.00																																																					
																12.40	18S 21W 31 Lot 1			73.80																																																					
																11.50	18S 21W 32 SW¼ SE¼			168.80																																																					
																24.00	18S 21W 32 NW¼ SW¼			78.20																																																					
																1.80	18S 21W 32 SE¼ SW¼			68.40																																																					
																12.30	18S 21W 32 NE¼ SW¼			120.60																																																					
																12.70	18S 21W 33 SW¼ SW¼			4.80																																																					
																17.80	18S 21W 33 SW¼ SW¼			68.00																																																					
																11.40	18S 21W 33 SW¼ SW¼			9.60																																																					
																20.19	18S 21W 33 NW¼ SW¼			9.00																																																					
																70	18S 21W 4 Lot 1			92.60																																																					
																11.50	18S 21W 4 Lot 1			16.60																																																					
																1.60	18S 21W 4 SE¼ NE¼			112.20																																																					
																1.50	18S 21W 6 Lot 1			22.20																																																					
																Sunset Canal Company	1898	Right	19S	20W	21	SW¼ NW¼		Sunset Canal	Tracts described below: 18S 21W 32 SE¼ SE¼ 18S 21W 3 SE¼ NE¼ 18S 21W 3 SE¼ SE¼ 18S 21W 10 NE¼ NE¼	Hidalgo	Ownership data as below: Mrs. T. M. Williamson W. F. Foerster " " " " " " " " " " " "	40.60	243.60	.51	.07																																										
18.60	18S 21W 32 SE¼ SE¼			92.60																																																																					
2.66	18S 21W 3 SE¼ NE¼			16.60																																																																					
18.70	18S 21W 3 SE¼ SE¼			112.20																																																																					
3.70	18S 21W 10 NE¼ NE¼			22.20																																																																					
United States	1899	Left	4S	11E	8	NW¼		Ashurst-Hayden Diversion Dam & Florence - Casa Grande Canal	4S 10E 28 NW¼ SW¼	Pinal	United Bank & Trust Company	5.00	30.00	.07	.07																																																										
																																Montezuma Canal	3750.00	Graham	See Table No. 1 for detailed description of these lands.	1140.00	2.38																																				
																																						San Jose Canal	3000.00	Graham	See Table No. 2 for detailed description of these lands.	240.00	.50																														
																																												Tidwell Canal	450.00	Graham	See Table No. 3 for detailed description of these lands.	300.00	.62																								
																																																		Union Canal	5575.00	Graham	See Table No. 4 for detailed description of these lands.	150.00	.31																		
																																																								Sunflower Canal	400.00	Graham	See Table No. 5 for detailed description of these lands.	60.00	.13												
																																																														Graham Canal	2577.00	Graham	See Table No. 6 for detailed description of these lands.	450.00	.93						
																																																																				Fort Thomas Consolidated Canal	2200.00	Graham	See Table No. 7 for detailed description of these lands.	1200.00	2.50



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right						
		Side of stream	Location			Number of acres	Description		County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.			
			Twp.	Rge.			Sec.	Subdivision		Twp.	Rge.		Sec.	Subdivision	Indi-vid-ual
Monteuma Canal Company	1900	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Monteuma Canal	3750.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 1 for detailed description of these lands.	Graham	1740.00	Indi-vid-ual	3.63
San Jose Canal Company	1900	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 2 for detailed description of these lands.	Graham	600.00	Indi-vid-ual	1.25
Graham Canal Company	1900	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 6 for detailed description of these lands.	Graham	354.00	Indi-vid-ual	.74
Fort Thomas Consolidated Canal Company	1900	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 7 for detailed description of these lands.	Graham	1800.00	Indi-vid-ual	3.75
Smithville Canal Company	1900	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 10 for detailed description of these lands.	Graham	300.00	Indi-vid-ual	.63
Colvin-Jones Canal Company	1900	Right	4S	23E	26	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Colvin-Jones Canal	36.00	Referred to G. & S. R. B. & M. or N. M. B. & M.	Graham	See Table No. 13 for detailed description of these lands.	Graham	36.00	Indi-vid-ual	.08
Billingsley-Extension Canal Company	1900	Right	7S	31E	16	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Billingsley-Extension Canal	63.50 31.20 28.40 9.20	Tracts described below: 7S 31E 5 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 7S 31E 5 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 7S 31E 5 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenee	Ownership data as below: B. F. Billingsley " " " " " "	Greenee	187.20 140.40 55.20	Indi-vid-ual	.39 .28 .11
Cooper & Windham Extension Canal Company. Under contract whereby Cooper & Windham Ditch makes actual diversion.	1900	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Cooper & Windham Ditch & Cooper & Windham Extension Canal	6.40	Referred to G. & S. R. B. & M. or N. M. B. & M.	Greenee	See Table No. 28 NE $\frac{1}{4}$ SE $\frac{1}{4}$	Greenee	38.40	Indi-vid-ual	.09
Colmenero Canal Company	1900	Right	8S	31E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Colmenero Canal	11.50 7.50 3.30 .40	Tracts described below: 8S 31E 34 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 31E 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 31E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 31E 34 SE $\frac{1}{4}$ NW $\frac{1}{4}$	Greenee	Ownership data as below: Waldo Harris " " " " " "	Greenee	45.00 19.80 117.00 2.40	Indi-vid-ual	.09 .04 .01 .01
Valley Canal Company	1900	Right	19S	21W	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Valley Canal	34.10 2.40 19.60 7.20 6.00	Tracts described below: 8S 32E 18 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 18 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 18 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 20 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Greenee	Ownership data as below: Valley Bank & Trust Company " " " " " " Emma Spoon, Administratrix of the estate of J. H. Spoon, deceased	Greenee	14.40 117.00 43.20	Indi-vid-ual	.03 .24 .09
Moddle Canal Company	1900	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Moddle Canal	89.40 8.20 6.90 6.70	Tracts described below: 8S 32E 28 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 28 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 28 NW $\frac{1}{4}$ SW $\frac{1}{4}$	Greenee	Ownership data as below: (S. A. Foster and W. F. Foster, and J. H. Merriam, Executor of the Estate of Alice E. Day, deceased.	Greenee	36.00 49.20 41.40 40.20	Indi-vid-ual	.08 .10 .07 .09

(continued)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right				
		Side of stream	Location			Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.			
			Twp.	Rge.			Sec.	Subdivision		County	Indi-vid-ual	Total	Indi-vid-ual
Montezuma Canal Company	1900	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	See Table No. 1 for detailed description of these lands.	3750.00	Graham	See Table No. 1 for owner-ship data.	1740.00	3.63	
San Jose Canal Company	1900	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	See Table No. 2 for detailed description of these lands.	3000.00	Graham	See Table No. 2 for owner-ship data.	600.00	1.25	
Graham Canal Company	1900	Right	7S	20E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 6 for detailed description of these lands.	2577.00	Graham	See Table No. 6 for owner-ship data.	354.00	.74	
Fort Thomas Consolidated Canal Company	1900	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	See Table No. 7 for detailed description of these lands.	2200.00	Graham	See Table No. 7 for owner-ship data.	1800.00	3.75	
Smithville Canal Company	1900	Left	6S	23E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	See Table No. 10 for detailed description of these lands.	1760.00	Graham	See Table No. 10 for owner-ship data.	300.00	.63	
Colvin-Jones Canal Com-pany	1900	Right	4S	23E	26	SW $\frac{1}{4}$ SW $\frac{1}{4}$	See Table No. 13 for detailed description of these lands.	38.00	Graham	See Table No. 13 for owner-ship data.	36.00	.98	
Billingsley-Extension Canal Company	1900	Right	7S	31E	16	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 31 20 7S 31E 5 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 23 40 7S 31E 5 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 9 20 7S 31E 5 SW $\frac{1}{4}$ NE $\frac{1}{4}$	63.80	Greenelee	Ownership data as below: B. F. Billingsley " " " " " " B. F. Billingsley	187.20 140.40 55.20	352.80	.39 .28 .11
Cooper & Windham Exten-sion Canal Company. Under contract whereby Cooper & Windham Ditch makes actual diversions.	1900	Right	18S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 7S 31E 34 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SE $\frac{1}{4}$ NW $\frac{1}{4}$	11.60	Greenelee	Ownership data as below: Waide Harris " " " " " "	45.00 19.80 1.80 2.40	69.00	.09 .04 .01 .01
Colmenero Canal Company	1900	Right	8S	31E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 8S 32E 18 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 18 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 18 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 8S 32E 20 NW $\frac{1}{4}$ NW $\frac{1}{4}$	35.10	Greenelee	Ownership data as below: Valley Bank & Trust Company " " " " " " Emma Spoon, Administratrix of the estate of J. H. Spoon, deceased	14.40 117.00 43.20	210.60	.03 .24 .09
Valley Canal Company	1900	Right	19S	21W	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 8S 32E 28 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 28 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 28 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 28 NW $\frac{1}{4}$ SW $\frac{1}{4}$	89.40	Greenelee	Ownership data as below: (S. A. Foster and W. F. Foster, and J. H. Merriam, Executor of the Estate of Alice E. (Day, deceased.	36.00 49.20 41.40 40.20	536.40	.08 .10 .07 .09
Middle Canal Company	1900	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 8S 32E 28 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8S 32E 28 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 28 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 28 NW $\frac{1}{4}$ SW $\frac{1}{4}$	89.40	Greenelee	Ownership data as below: (S. A. Foster and W. F. Foster, and J. H. Merriam, Executor of the Estate of Alice E. (Day, deceased.	36.00 49.20 41.40 40.20	536.40	.08 .10 .07 .09

(continued)

Party entitled to divert from the stream	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
	Date of priority	Location			Number of acres	Description		County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.
		Side of stream	Referred to G. & S. R. B. & M. or N. M. B. & M.			Twp.	Rge.				
Middle Canal Company (continuation)	1900				17.86	8S 32E	(Continuation)	Greenlee	106.80	0.22	
					4.20	8S 32E	29 NE¼ SW¼		25.20	.05	
					12.70	8S 32E	29 SE¼ SW¼		76.20	.16	
					7.80	8S 32E	29 SE¼ SE¼		45.80	.10	
					25.30	8S 32E	32 NE¼ NE¼		151.80	.32	
Sunset Canal Company	1900	Right	19S 20W 21 SW¼ NW¼	Sunset Canal	244.80	Tracts described below:		Hidalgo	6.60	1468.80	3.06
					1.10	1.10	Varden Townsite Blk 1 Lot 2				.01
					1.10	1.10	" " 1 " 3				.01
					1.10	1.10	" " 2 " 1				.01
					1.10	1.10	" " 2 " 2				.01
					1.10	1.10	" " 2 " 3				.01
					1.10	1.10	" " 2 " 4				.01
					1.10	1.10	" " 3 " 1				.01
					2.20	2.20	" " 3 " 2, 3				.03
					1.10	1.10	" " 4 " 1				.03
					1.10	1.10	" " 4 " 2				.01
					1.10	1.10	" " 4 " 3				.01
					1.10	1.10	" " 4 " 4				.01
					1.10	1.10	" " 5 " 1				.01
					1.10	1.10	" " 5 " 2				.01
					1.10	1.10	" " 5 " 3				.01
					1.10	1.10	" " 5 " 4				.01
					2.20	2.20	" " 6 " 1, 4				.03
					1.10	1.10	" " 6 " 2				.01
					1.10	1.10	" " 6 " 3				.01
					1.80	1.80	" " 7 " 1				.01
					1.10	1.10	" " 7 " 2				.01
					1.10	1.10	" " 7 " 3				.01
					1.10	1.10	" " 7 " 4				.01
					1.10	1.10	" " 8 " 1				.01
					1.10	1.10	" " 8 " 2				.01
					1.10	1.10	" " 8 " 3				.01
					1.10	1.10	" " 8 " 4				.01
					1.10	1.10	" " 9 " 1				.01
					1.10	1.10	" " 9 " 2				.01
					1.10	1.10	" " 9 " 3				.01
					1.10	1.10	" " 9 " 4				.01
					10.20	19S 21W	2 SW¼ SE¼				.13
					28.80	19S 21W	2 SE¼ SE¼				.34
					12.80	19S 21W	2 NE¼ SW¼				.17
					13.80	19S 21W	2 SW¼ NW¼				.18
					2.30	19S 21W	2 NE¼ SW¼				.05
					13.30	19S 21W	2 NE¼ SW¼				.17
					26.70	19S 21W	2 NW¼ SW¼				.33
					2.40	19S 21W	3 Lot 2				.03
					2.70	19S 21W	3 Lot 2				.03
					13.40	19S 21W	3 Lot 4				.17

(Continued)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right		
		Side of stream	Location				Description	County	For irrigation season in ac.-ft.			Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.					Sec.	Subdivision			Indi-vid-ual	Total
Sunset Canal Company (continuation)	1900					3.70	19S	21W	(Continuation)	Final	Ralph Richardson	22.20	.05	
						3.00	19S	21W	11 NE¼ NE¼			Parley P. Jones	18.00	.04
						8.30	19S	21W	12 NW¼ NW¼			Hans Mortensen	49.80	.10
						6.10	19S	21W	12 NW¼ NW¼			J. Alfred Mortenson	36.60	.08
						7.20	19S	21W	12 SE¼ NW¼			"	1.20	.01
						1.10	19S	21W	12 NE¼ SW¼			"	4.20	.01
						6.60	19S	21W	12 NW¼ NW¼			"	6.00	.01
						4.70	19S	21W	12 NW¼ NW¼			Nancy O. Pace	39.00	.09
						9.10	19S	21W	12 NW¼ NW¼			Willard E. Jones	24.60	.07
						4.60	19S	21W	12 SW¼ NW¼			"	27.60	.07
						.60	19S	21W	12 NE¼ NW¼			"	2.40	.01
						1.50	19S	21W	12 NE¼ NW¼			Ralph Richardson	3.00	.01
						4.20	19S	21W	12 SW¼ NW¼			John B. Jones	3.00	.03
						13.70	19S	21W	12 SW¼ NW¼			"	25.20	.06
						1.40	19S	21W	12 SE¼ NE¼			H. M. Payne	82.20	.18
7.50	19S	21W	12 SE¼ NW¼		"	8.40	.01							
40.00	5S	9E	6 NW¼ SW¼		Harriett E. Pattee	45.00	.09							
United States	1901	Left	4S 11E 8 NW¼	Achurst-Hayden Diversion Dam & Florence-Cass Grande Canal							240.00	.50		
Montezuma Canal Company	1901	Left	7S 27E 17 NE¼ NE¼	Montezuma Canal	3750.00			See Table No. 1 for detailed description of these lands.	Graham			540.00	1.13	
San Jose Canal Company	1901	Left	6S 27E 36 SW¼ SW¼	San Jose Canal	3000.00			See Table No. 2 for detailed description of these lands.	Graham			600.00	1.25	
Sunflower Canal Company	1901	Left	7S 26E 9 NW¼ SE¼	Sunflower Canal	400.00			See Table No. 5 for detailed description of these lands.	Graham			60.00	.13	
Graham Canal Company	1901	Right	7S 26E 9 NE¼ NW¼	Graham Canal	2577.00			See Table No. 6 for detailed description of these lands.	Graham			284.00	.55	
Fort Thomas Consolidated Canal Company	1901	Left	6S 24E 4 NE¼ NW¼	Fort Thomas Consolidated Canal	2200.00			See Table No. 7 for detailed description of these lands.	Graham			1320.00	2.75	
Brown Canal Company	1901	Right	6S 28E 30 SE¼ SE¼	Brown Canal	820.00			See Table No. 8 for detailed description of these lands.	Graham			300.00	.63	
Dodge-Nevada Canal Company	1901	Left	6S 25E 20 NE¼ NW¼	Dodge-Nevada Canal	1250.00			See Table No. 9 for detailed description of these lands.	Graham			300.00	.63	
Sexton Canal Company	1901	Left	7S 31E 21 SW¼ SE¼	Sexton Ditch	50.10			Tracts described below: 8 NE¼ SE¼ 7S 31E 8 NE¼ SE¼ 7S 31E 9 NW¼ SW¼ 7S 31E 9 SW¼ SW¼ 7S 31E 9 SE¼ SW¼	Greenlee			300.60	.63	
Colmenero Canal Company	1901	Right	8S 31E 11 NW¼ SE¼	Colmenero Canal	8.60			Tracts described below: 7S 31E 34 NE¼ NW¼ 7S 31E 34 NW¼ NW¼	Greenlee			51.60	.11	

Ownership data as below:  
Mussett Cooper  
Ownership data as below:  
(Nollie E. Buck, Administrator of the Estate of David (Buck, deceased).

Party entitled to divert from the stream	Date of priority			Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
	Side of stream	Location		Number of acres	Description			County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.			
		Twp.	Rge.		Sec.	Subdivision			Indi-vid-ual	Total		Indi-vid-ual	Total	
Sunset Canal Company (continuation)	1900	Left	8	NW¼	Ashurst-Hayden Division Dam & Florence-Cas Grande Canal	3.70	19S	21W	(Continuation)	"	22.20	05	240.00	.50
						3.00	19S	21W	11 NE¼ NE¼	"	18.00	04		
						8.30	19S	21W	12 NW¼ NW¼	"	49.80	10		
						6.10	19S	21W	12 NW¼ NW¼	"	36.60	08		
						7.20	19S	21W	12 SW¼ NW¼	"	1.20	01		
						7.70	19S	21W	12 SE¼ NW¼	"	43.20	09		
						1.10	19S	21W	12 NE¼ SW¼	"	4.20	01		
						6.60	19S	21W	12 NW¼ SW¼	"	6.60	01		
						4.70	19S	21W	12 NW¼ NW¼	"	39.00	09		
						9.10	19S	21W	12 NW¼ NW¼	"	28.20	07		
						4.60	19S	21W	12 SW¼ NW¼	"	54.60	11		
						40	19S	21W	12 SW¼ NW¼	"	27.60	07		
						60	19S	21W	12 NE¼ NW¼	"	2.40	01		
						1.50	19S	21W	12 NE¼ NW¼	"	3.00	01		
						4.20	19S	21W	12 SW¼ NW¼	"	9.00	03		
						13.70	19S	21W	12 SW¼ NW¼	"	23.20	06		
						1.40	19S	21W	12 SE¼ NE¼	"	82.20	18		
						7.50	19S	21W	12 SE¼ NW¼	"	8.40	01		
40.00	5S	9E	6 NW¼ SW¼	Final	45.00	09	240.00	50						
United States	1901	Left	8	NW¼	Ashurst-Hayden Division Dam & Florence-Cas Grande Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	See Table No. 1 for ownership data.	640.00	1.13	800.00	1.21	
Monteuma Canal Company	1901	Left	17	NE¼ NE¼	Monteuma Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	See Table No. 2 for ownership data.	60.00	.13	234.00	.51	
San Jose Canal Company	1901	Left	36	SW¼ SW¼	San Jose Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	See Table No. 5 for ownership data.	1320.00	2.71	300.00	.63	
Sunflower Canal Company	1901	Left	9	NW¼ SE¼	Sunflower Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	See Table No. 6 for ownership data.	300.00	.63	300.00	.63	
Graham Canal Company	1901	Right	9	NE¼ NW¼	Graham Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	See Table No. 7 for ownership data.	300.60	.63	300.00	.63	
Fort Thomas Consolidated Canal Company	1901	Left	4	NE¼ NW¼	Fort Thomas Consolidated Canal	820.00	See Table No. 8 for detailed description of these lands.	Graham	See Table No. 8 for ownership data.	51.60	.11	300.00	.63	
Brown Canal Company	1901	Right	30	SE¼ SE¼	Brown Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	See Table No. 9 for ownership data.	10.20	.02	300.00	.63	
Dodge-Nevada Canal Company	1901	Left	20	NE¼ NW¼	Dodge-Nevada Canal	50.10	Tracts described below:	Greenlee	Ownership data as below:	38.40	.08	300.00	.63	
Sexton Canal Company	1901	Left	21	SW¼ SE¼	Sexton Ditch	8.90	7S 31E 8 NE¼ SE¼	"	"	191.40	.40	300.60	.63	
						1.70	7S 31E 8 SE¼ SE¼	"	"	9.00	.02			
						6.40	7S 31E 9 NW¼ SW¼	"	"	42.00	.09			
						31.90	7S 31E 9 SW¼ SW¼	"	"	9.60	.02			
						1.60	7S 31E 9 SE¼ SW¼	"	"	51.60	.11			
Colmenero Canal Company	1901	Right	11	NW¼ SE¼	Colmenero Canal	8.60	Tracts described below:	Greenlee	Ownership data as below:	42.00	.09	51.60	.11	
						7.00	7S 31E 34 NE¼ NW¼	"	"	9.60	.02			
						1.60	7S 31E 34 NW¼ NW¼	"	"	9.60	.02			

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Side of stream	Location			Number of acres	Description		County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision		Referred to G. & S. R. B. & M. or N. M. B. & M.	Indi-vid-ual	
Montezuma Canal Company	1902	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	1740.00	3.63
San Jose Canal Company	1902	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	600.00	1.25
Sunflower Canal Company	1902	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	.13
Graham Canal Company	1902	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	210.00	.44
Smithville Canal Company	1902	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	1760.00	See Table No. 10 for detailed description of these lands.	Graham	60.00	.13
Sexton Canal Company	1902	Left	7S	31E	21	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Sexton Ditch	52.90 13.10 28.40 9.00 2.40	Tracts described below: 7S 31E 16 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 16 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 16 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 16 SE $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	317.40	.66
Colmenero Canal Company	1902	Right	8S	31E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Colmenero Canal	31.30 9.70 9.90 11.00 .70	Tracts described below: 7S 31E 27 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 7S 31E 28 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 7S 31E 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 7S 31E 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	187.80	.39
York Canal Company	1902	Right	6S	31E	29	SW $\frac{1}{4}$ NW $\frac{1}{4}$	York Canal	77.80 15.00 14.00 37.40 11.40	Tracts described below: 6S 31E 17 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 31E 18 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 6S 31E 20 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 31E 20 SW $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	463.80	.98
Montezuma Canal Company	1903	Left	7S	27E	17	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	540.00	1.13
San Jose Canal Company	1903	Left	6S	27E	36	SW $\frac{1}{4}$ SW $\frac{1}{4}$	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	600.00	1.25
Sunflower Canal Company	1903	Left	7S	26E	9	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	.13
Graham Canal Company	1903	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	804.00	1.68
Fort Thomas Consolidated Canal Company	1903	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	600.00	1.25

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right				
		Side of stream	Location			Number of acres	Description		County		Indi-vid-ual	Total	Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision						Indi-vid-ual	Total
Colmenero Canal Company	1903	Right	8S	31E	11	NW¼ SE¼	Colmenero Canal	68.60	Tracts described below: 7S 31E 21 NW¼ NE¼ 7S 31E 21 NE¼ NW¼ 7S 31E 21 NE¼ NW¼ 8S 31E 3 NW¼ NE¼ 8S 31E 3 SW¼ NE¼ 8S 31E 3 NE¼ NE¼ 8S 31E 3 NE¼ NW¼ 8S 31E 3 NE¼ NW¼ 8S 31E 3 NE¼ NW¼ 8S 31E 3 NE¼ SE¼ 8S 31E 3 NW¼ SE¼	Greenlee	167.40	.88			
													27.90	21 NE¼ NW¼	Ownership data as below: J. K. Chilton " " " " J. H. Cready " " " " " " " " " " " " " " " " " "
													3.90	21 NE¼ NW¼	
													14.40	3 NW¼ NE¼	
													7.20	3 SW¼ NE¼	
													.50	3 NE¼ NE¼	
													1.80	3 NE¼ NW¼	
													2.70	3 NE¼ NW¼	
													5.40	3 NE¼ NW¼	
													3.90	3 NW¼ SE¼	
York Canal Company	1903	Right	6S	31E	29	SW¼ NW¼	York Canal	22.70	6S 31E 17 SW¼ SW¼	Greenlee	136.20	.28			
United States	1904	Left	4S	11E	8	NW¼	Ashurst-Hayden Diversion Dam & Florence-Casa Grande Canal.	45.00	5S 8E 23 E¼ NE¼	Pinal	270.00	.56			
Montezuma Canal Company	1904	Left	7S	27E	17	NE¼ NE¼	Montezuma Canal	3750.00	See Table No. 1 for detailed description of these lands.	Graham	540.00	1.13			
San Jose Canal Company	1904	Left	6S	27E	36	SW¼ SW¼	San Jose Canal	3000.00	See Table No. 2 for detailed description of these lands.	Graham	1200.00	2.50			
Sunflower Canal Company	1904	Left	7S	26E	9	NW¼ SE¼	Sunflower Canal	400.00	See Table No. 5 for detailed description of these lands.	Graham	60.00	.13			
Graham Canal Company	1904	Right	7S	26E	9	NE¼ NW¼	Graham Canal	2577.00	See Table No. 6 for detailed description of these lands.	Graham	1248.00	2.60			
Fort Thomas Consolidated Canal Company	1904	Left	6S	24E	4	NE¼ NW¼	Fort Thomas Consolidated Canal	2200.00	See Table No. 7 for detailed description of these lands.	Graham	600.00	1.25			
Dodge-Nevada Canal Company	1904	Left	6S	25E	20	NE¼ NW¼	Dodge-Nevada Canal	1250.00	See Table No. 9 for detailed description of these lands.	Graham	300.00	.63			
Curtis Canal Company	1904	Right	6S	24E	12	NW¼ NW¼	Curtis Canal	207.30	Tracts described below: 5S 24E 7 SE¼ SE¼ 5S 24E 8 SW¼ SW¼ 5S 24E 17 NW¼ NW¼ 5S 24E 17 SW¼ NW¼ 5S 24E 18 NE¼ SE¼ 5S 24E 18 NE¼ SE¼ 5S 24E 20 NE¼ NW¼ 5S 24E 20 SE¼ NW¼ 5S 24E 20 SE¼ NW¼ 5S 24E 28 NW¼ NW¼ 5S 24E 28 NE¼ SW¼	Graham	105.60	2.60			
												1243.80	.22		
												18.60	.04		
												92.40	.19		
												30.60	.06		
												230.40	.48		
												18.00	.04		
												11.40	.02		
												76.20	.16		
												178.80	.37		
												84.80	.17		
												61.20	.13		

(Continued)





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Diversion right					
		Side of stream	Location			Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.				
			Twp.	Rge.					Sec.	Subdivision		Indi-vid-ual	Total	Indi-vid-ual	Total
Curtis Canal Company (continuation)	1904	Left	6S	25E	35 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$	Graham	Calvin I. Kempton	10.20	519.60	.02		
							5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$		R. O. Reister	41.40		.08		
							5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$		W. D. Seiner	37.80		.08		
							5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$		Henry P. Waters	37.60		.12		
							5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$		Les L. Miner	31.60		.11		
							5S 24E	28 NE $\frac{1}{4}$ SW $\frac{1}{4}$		W. D. Seiner	120.60		.25		
							5S 24E	4 SE $\frac{1}{4}$ NE $\frac{1}{4}$		Amy T. Leavitt	32.40		.07		
							5S 24E	4 NE $\frac{1}{4}$ SE $\frac{1}{4}$		"	12.60		.09		
							5S 24E	4 NE $\frac{1}{4}$ SE $\frac{1}{4}$		"	"		.01		
							5S 24E	4 NE $\frac{1}{4}$ SE $\frac{1}{4}$		"	"		"		
Smithville Canal Company	1904	Left	6S	25E	35 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	Tracts described below:		Graham	Ownership data as below:	7E 60	7E 60	1.08	.16	
							6S 24E	13 SE $\frac{1}{4}$ NE $\frac{1}{4}$			H. J. Anderson	9.00		.02	
							6S 24E	13 SE $\frac{1}{4}$ NE $\frac{1}{4}$			"	24.60		.05	
							6S 24E	13 SE $\frac{1}{4}$ NE $\frac{1}{4}$			Karl Foster	120.00		.26	
							6S 24E	13 NE $\frac{1}{4}$ SW $\frac{1}{4}$			"	170.40		.35	
							6S 25E	34 NW $\frac{1}{4}$ NE $\frac{1}{4}$			H. V. Coombs	120.00		.25	
							Tracts described below:				241.20	241.20		Ownership data as below:	.60
							4S 23E	35 SW $\frac{1}{4}$ SE $\frac{1}{4}$			Oscar Tyler	60.60		.13	
							5S 23E	2 NE $\frac{1}{4}$ NE $\frac{1}{4}$			"	"		"	
							Fort Thomas Consolidated Canal Company	1904			Left	6S		24E	4 NE $\frac{1}{4}$ NW $\frac{1}{4}$
6S 25E	7 NE $\frac{1}{4}$ NW $\frac{1}{4}$	John L. Hoopes	83.40	.17											
6S 25E	7 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Simon Mathews	123.00	.26											
6S 25E	8 SE $\frac{1}{4}$ SW $\frac{1}{4}$	J. I. Palmer	90.00	.19											
6S 25E	17 SW $\frac{1}{4}$ NE $\frac{1}{4}$	J. L. Fouls	94.00	.20											
6S 25E	17 NE $\frac{1}{4}$ SE $\frac{1}{4}$	Mattie Wamalee	79.20	.16											
6S 25E	21 NE $\frac{1}{4}$ NE $\frac{1}{4}$	J. A. Allen	104.80	.22											
6S 25E	21 NE $\frac{1}{4}$ NE $\frac{1}{4}$	Brigham Stowell	84.00	.17											
6S 25E	21 NE $\frac{1}{4}$ SE $\frac{1}{4}$	C. M. Mack	81.00	.14											
6S 25E	22 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Mary Butler	43.88	.09											
Graham Canal Company	1904	Right	7S	26E	9 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	Tracts described below:		Graham	Ownership data as below:	109.80	109.80	2.43	.01	
							6S 25E	22 SW $\frac{1}{4}$ NW $\frac{1}{4}$			Brigham Stowell	6.60		.01	
							6S 25E	22 SW $\frac{1}{4}$ NW $\frac{1}{4}$			Mary Butler	6.60		.01	
							6S 25E	22 SW $\frac{1}{4}$ NW $\frac{1}{4}$			J. A. Allen	130.20		.27	
							6S 25E	26 NW $\frac{1}{4}$ SW $\frac{1}{4}$			Joseph Howard & J. M. Howard	16.20		.03	
							6S 25E	36 SW $\frac{1}{4}$ NE $\frac{1}{4}$			D. W. Sanders	.60		.01	
							Tracts described below:				5898.20	5898.20		Ownership data as below:	12.68
							7S 25E	2 SW $\frac{1}{4}$ SW $\frac{1}{4}$			Town of Thatcher	24.00		.05	
							7S 25E	2 SW $\frac{1}{4}$ SW $\frac{1}{4}$			"	30.00		.06	
							7S 25E	3 SW $\frac{1}{4}$ SW $\frac{1}{4}$			Mrs. Niels Lindbey	22.80		.05	
7S 25E	3 SW $\frac{1}{4}$ SW $\frac{1}{4}$	J. A. Farley	8.40	.02											
7S 25E	10 NE $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher	56.80	.11											
7S 25E	10 NE $\frac{1}{4}$ SW $\frac{1}{4}$	Roy A. Layton	14.40	.03											
7S 25E	10 NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. A. Alford	42.00	.09											
7S 25E	11 NE $\frac{1}{4}$ NE $\frac{1}{4}$	Town of Thatcher	166.00	.33											
7S 25E	11 NE $\frac{1}{4}$ NE $\frac{1}{4}$	"	180.00	.38											
7S 25E	11 NE $\frac{1}{4}$ NW $\frac{1}{4}$	"	120.00	.25											
7S 25E	11 SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	216.00	.45											
7S 25E	11 NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	117.00	.24											

(continued)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right	
		Side of stream	Location				Description	County	Total	Maximum rate of diversion in cu. ft. per sec.			
			Referred to G. & S. R. E. & M. or N. M. B. & M.	Twp.								Rge.	Sec.
Montezuma Canal Company (continuation)	1904					15.50	7S	25E	11	(continuation)	Graham	93.00	19
						6.70	7S	25E	11	NE 1/4 SE 1/4		40.20	08
						1.80	7S	25E	11	NW 1/4 SE 1/4		10.80	02
						1.70	7S	25E	11	SW 1/4 SE 1/4		4.20	01
						1.60	7S	25E	12	NW 1/4 NW 1/4		6.60	01
						1.40	7S	25E	12	SW 1/4 NW 1/4		6.60	02
						1.20	7S	25E	12	SE 1/4 NW 1/4		8.40	02
						.80	7S	25E	12	NW 1/4 SW 1/4		31.20	06
						30	7S	25E	12	NW 1/4 SW 1/4		4.80	01
						12.90	7S	25E	12	SE 1/4 SW 1/4		1.80	01
						1.10	7S	25E	12	SE 1/4 SW 1/4		77.40	16
						2.30	7S	25E	12	SE 1/4 SW 1/4		6.60	01
						6.10	7S	25E	12	SE 1/4 SW 1/4		13.80	03
						5.90	7S	25E	12	SE 1/4 SW 1/4		38.60	08
						12.90	7S	25E	13	NW 1/4 NE 1/4		35.40	07
						4.70	7S	25E	13	NW 1/4 NE 1/4		77.40	16
						3.00	7S	25E	13	SW 1/4 NE 1/4		28.20	06
						1.60	7S	25E	13	SE 1/4 NE 1/4		18.00	04
						4.80	7S	25E	13	SE 1/4 NE 1/4		9.60	02
						1.60	7S	25E	13	NW 1/4 NW 1/4		28.80	06
						4.60	7S	25E	13	NW 1/4 NW 1/4		9.60	02
						7.00	7S	25E	13	SE 1/4 NW 1/4		27.60	06
						2.00	7S	25E	13	SE 1/4 NW 1/4		42.00	09
						1.10	7S	25E	13	NE 1/4 SE 1/4		18.00	04
						6.90	7S	25E	13	NE 1/4 SE 1/4		6.60	06
						5.20	7S	25E	13	NW 1/4 SE 1/4		41.40	09
						5.00	7S	25E	14	NE 1/4 NW 1/4		31.20	06
						12.50	7S	28E	13	SW 1/4 NW 1/4		66	30.00
						6.40	7S	28E	13	SW 1/4 NW 1/4		75.00	16
						11.50	7S	28E	13	SE 1/4 SW 1/4		38.40	08
3.00	7S	28E	13	NE 1/4 SE 1/4	69.00	14							
14.50	7S	28E	13	NE 1/4 SE 1/4	18.00	04							
14.80	7S	28E	13	NE 1/4 SE 1/4	87.00	18							
4.00	7S	28E	13	SE 1/4 NE 1/4	87.60	18							
4.00	7S	28E	14	NE 1/4 NW 1/4	24.00	05							
39.80	7S	28E	14	NW 1/4 SE 1/4	24.00	05							
3.80	7S	28E	14	SW 1/4 SE 1/4	237.00	49							
6.40	7S	28E	15	NE 1/4 SE 1/4	22.80	06							
14.00	7S	28E	15	SE 1/4 SE 1/4	38.40	08							
5.50	7S	28E	15	NE 1/4 SW 1/4	84.00	17							
36.20	7S	28E	15	SW 1/4 SW 1/4	33.00	07							
10.00	7S	28E	15	SE 1/4 SW 1/4	217.20	45							
2.30	7S	28E	16	SE 1/4 NE 1/4	60.00	13							
6.00	7S	28E	16	NE 1/4 SW 1/4	13.80	03							
5.00	7S	28E	16	SE 1/4 SW 1/4	36.00	07							
9.00	7S	28E	16	NE 1/4 SE 1/4	30.00	06							
2.00	7S	28E	16	NW 1/4 SE 1/4	54.00	11							
2.30	7S	28E	16	SW 1/4 SE 1/4	12.00	03							
3.40	7S	28E	16	SE 1/4 SE 1/4	13.80	03							
7.30	7S	28E	16	SW 1/4 NW 1/4	20.40	04							
7.90	7S	28E	16	SE 1/4 NW 1/4	43.80	09							
.60	7S	28E	16	SW 1/4 NW 1/4	5.40	01							
6.30	7S	28E	17	SW 1/4 NE 1/4	3.60	01							
					37.80	08							

(continued)

Parties owning said lands when jurisdiction acquired herein

Town of Thatcher  
 Evans Coleman  
 Spence C Heywood  
 Guy W Lamoreaux  
 S. V. Pollock  
 Mrs. Sarah S. Elmer  
 C. N. Moore  
 S. L. Johns & D. L. Johns  
 Arizona Eastern Railroad  
 Company  
 Evans Coleman  
 Mrs. Isabelle Pace  
 Marion Lee  
 M. Mortensen  
 Davidal Ellsworth  
 R. G. Layton, Jr.  
 J. D. Lee  
 L. B. Scarlett  
 W. H. Clifford  
 R. L. Freestone  
 W. W. Wild  
 Alex Layton  
 George Killian  
 J. L. Freeman  
 Mrs. Belle Morris  
 Aeshel Clifford  
 Marion Lee  
 William H. Gillespie  
 Shell Gillespie  
 Charles Boots  
 James Gillespie  
 Edward I. Gillespie  
 Albert Gillespie  
 Edward I. Gillespie  
 Edward M. Clarrige  
 \* \* \* \* \*  
 Charles M. Purdey &  
 Robert L. Nash  
 N. W. Stevenson  
 W. A. Johns & L. A. Johns  
 \* \* \* \* \*  
 J. T. Owens, Jr.  
 L. A. Nelson  
 Mrs. Thomas Blake  
 O. E. Owens  
 Hugh Foster  
 Ramon Gauna  
 Joaquin Padilla  
 Lawrence Fuller  
 P. Chendilla  
 Tom Aranda  
 C. S. Conway, Administrator  
 of the Estate of F. W. Hays,  
 deceased.





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right		
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision			Referred to G. & S. R. B. & M. or N. M. E. & M.	Subdivision	
Montezuma Canal Company (continuation)	1904					1.70	7S	26E	(Continuation)	Graham	Joseph Greenhalgh Mrs. W. R. Reed Hart D. Emple John R. Davidson Mrs. C. F. Staley Mrs. W. R. Smith William Ellsworth William Ellsworth Eliam Olsen Victoriano Garcia Henry Clifford, Sr. Mrs. Nancy Palmer Oscar Olson William Ellsworth W. I. Nelson W. I. Nelson W. I. Nelson Fred H. Wiemer E. E. Mondrath L. A. Clifford Elijah Clifford Ben Meier Marion Larson S. A. Merrill Mrs. Margaret R. Kempton W. T. Barney	10.20	1.02
						2.00	7S	26E	18 SW $\frac{1}{4}$ SE $\frac{1}{4}$			12.00	.03
						2.60	7S	26E	18 SE $\frac{1}{4}$ SE $\frac{1}{4}$			15.00	.03
						3.20	7S	26E	20 NE $\frac{1}{4}$ NE $\frac{1}{4}$			19.20	.04
						4.90	7S	26E	20 NW $\frac{1}{4}$ NE $\frac{1}{4}$			4.80	.01
						8.80	7S	26E	20 SE $\frac{1}{4}$ NE $\frac{1}{4}$			29.40	.06
						38.60	7S	26E	21 SW $\frac{1}{4}$ NW $\frac{1}{4}$			214.80	.48
						37.00	7S	26E	21 SW $\frac{1}{4}$ NW $\frac{1}{4}$			222.00	.48
						2.20	7S	26E	21 NE $\frac{1}{4}$ NE $\frac{1}{4}$			13.20	.03
						3.50	7S	26E	21 NE $\frac{1}{4}$ NE $\frac{1}{4}$			82.60	.18
						5.20	7S	26E	21 NE $\frac{1}{4}$ NW $\frac{1}{4}$			31.20	.06
						4.10	7S	26E	21 SE $\frac{1}{4}$ NW $\frac{1}{4}$			21.00	.04
						4.00	7S	26E	22 NE $\frac{1}{4}$ NE $\frac{1}{4}$			24.00	.04
						6.00	7S	26E	22 SW $\frac{1}{4}$ NE $\frac{1}{4}$			42.00	.08
						6.00	7S	26E	22 NE $\frac{1}{4}$ NE $\frac{1}{4}$			24.00	.04
						6.00	7S	26E	22 SW $\frac{1}{4}$ NW $\frac{1}{4}$			24.00	.04
						7.10	7S	26E	22 SW $\frac{1}{4}$ NW $\frac{1}{4}$			39.60	.08
						2.80	7S	26E	22 SE $\frac{1}{4}$ NW $\frac{1}{4}$			42.60	.09
						12.80	7S	26E	22 SE $\frac{1}{4}$ NW $\frac{1}{4}$			22.80	.05
						8.70	7S	26E	23 NE $\frac{1}{4}$ NE $\frac{1}{4}$			76.80	.16
						6.90	7S	26E	23 NW $\frac{1}{4}$ NE $\frac{1}{4}$			82.20	.11
						13.40	7S	26E	23 SW $\frac{1}{4}$ NE $\frac{1}{4}$			41.40	.09
						6.90	7S	26E	23 SE $\frac{1}{4}$ NW $\frac{1}{4}$			80.40	.17
						7.70	7S	26E	23 NW $\frac{1}{4}$ NW $\frac{1}{4}$			40.80	.08
						6.20	7S	26E	23 SW $\frac{1}{4}$ NW $\frac{1}{4}$			48.20	.10
						5.40	7S	26E	23 SW $\frac{1}{4}$ NW $\frac{1}{4}$			37.20	.08
						5.10	7S	26E	23 NE $\frac{1}{4}$ SW $\frac{1}{4}$			2.40	.01
						5.60	7S	26E	23 NE $\frac{1}{4}$ SW $\frac{1}{4}$			30.60	.06
						2.50	7S	26E	24 NE $\frac{1}{4}$ NE $\frac{1}{4}$			3.00	.01
						5.20	7S	26E	24 NE $\frac{1}{4}$ NE $\frac{1}{4}$			15.00	.03
						8.60	7S	26E	24 SW $\frac{1}{4}$ NW $\frac{1}{4}$			31.20	.06
						2.60	7S	27E	18 NE $\frac{1}{4}$ SW $\frac{1}{4}$			51.60	.11
						3.00	7S	27E	18 NE $\frac{1}{4}$ SW $\frac{1}{4}$			15.00	.03
						13.30	7S	27E	18 NE $\frac{1}{4}$ SW $\frac{1}{4}$			18.00	.04
13.30	7S	27E	18 NE $\frac{1}{4}$ SW $\frac{1}{4}$	79.80	.17								
123.20	6S	27E	36 SW $\frac{1}{4}$ SW $\frac{1}{4}$	Tracts described below:	San Jose Canal	70.20	738.20	1.54					
11.70	7S	26E	25 NW $\frac{1}{4}$ NE $\frac{1}{4}$	102.00		.21							
17.00	7S	27E	3 NE $\frac{1}{4}$ SE $\frac{1}{4}$	132.00		.27							
22.00	7S	27E	3 NW $\frac{1}{4}$ SE $\frac{1}{4}$	174.00		.35							
21.70	7S	27E	3 SE $\frac{1}{4}$ SE $\frac{1}{4}$	1.20		.01							
28.00	7S	27E	9 SW $\frac{1}{4}$ SW $\frac{1}{4}$	124.20		.26							
20.70	7S	27E	9 SE $\frac{1}{4}$ SW $\frac{1}{4}$	5.40		.01							
60.90	7S	27E	16 NE $\frac{1}{4}$ NE $\frac{1}{4}$	10.20		.02							
1.70	7S	26E	12 NW $\frac{1}{4}$ NE $\frac{1}{4}$	1.20		.01							
1.20	7S	26E	12 SW $\frac{1}{4}$ NE $\frac{1}{4}$	123.00		.26							
20.00	7S	26E	16 NW $\frac{1}{4}$ SW $\frac{1}{4}$	228.00	.47								
28.00	7S	26E	6 SW $\frac{1}{4}$ SW $\frac{1}{4}$	53.40	.11								
8.90	7S	26E	7 NE $\frac{1}{4}$ NW $\frac{1}{4}$										
68.80	7S	27E	19 SE $\frac{1}{4}$ SW $\frac{1}{4}$	Tracts described below:	Union Canal	10.20	412.80	.86					
1.20	7S	26E	12 NW $\frac{1}{4}$ NE $\frac{1}{4}$	1.20		.01							
20.00	7S	26E	16 NW $\frac{1}{4}$ SW $\frac{1}{4}$	123.00		.26							
28.00	7S	26E	6 SW $\frac{1}{4}$ SW $\frac{1}{4}$	228.00		.47							
8.90	7S	26E	7 NE $\frac{1}{4}$ NW $\frac{1}{4}$	53.40	.11								

Ownership data as below:  
P. H. Fruehdenthal  
Clyde Curtis & Don Curtis  
S. N. Holman  
Ownership data as below:  
Mrs. William Johns  
D. C. Johnson  
John L. Hoopes & H. E. Hoopes





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right		
		Side of stream	Location				Description	County	Indi-vid-ual		Total	Maximum rate of diversion in cu. ft. per sec.	
			Referred to G. & S. R. B. & M. or N. M. B. & M.	Subdivision									
Twp.	Rge.	Sec.	Subdivision	Twp.	Rge.	Sec.	Subdivision	Indi-vid-ual	Total	Indi-vid-ual	Total		
Valley Canal Company	1905	Right	19S 21W 11	NW¼ SE¼	Valley Canal	12.90 18.30 2.50	Tracts described below: 8S 31E 12 NE¼ SE¼ 8S 32E 7 NW¼ SW¼	Greenlee	Ownership data as below: Sinclair Realty Company	77.40	77.40	.16	
Middle Canal Company	1905	Left	19S 21W 11	NW¼ SE¼	Middle Canal	48.00 18.30 29.70	Tracts described below: 8S 32E 29 NW¼ SE¼ 8S 32E 29 SW¼ SE¼	Greenlee	Ownership data as below: O. L. Hart Frank Schultz	294.00	294.00	.61	
Fort Thomas Consolidated Canal Company	1906	Left	6S 24E 4	NE¼ NW¼	Fort Thomas Consolidated Canal	73.80 14.20 1.10 33.30 25.20	Tracts described below: 4S 23E 28 NE¼ SW¼ 4S 23E 28 SE¼ SW¼ 4S 23E 28 NW¼ SE¼ 4S 23E 28 SW¼ SE¼	Graham	Ownership data as below: J. H. Fine " " " " " " " "	442.80	442.80	.92	
Graham Canal Company	1906	Right	7S 26E 9	NE¼ NW¼	Graham Canal	143.50 18.40 6.70 6S 24E 11 NW¼ SW¼ 6S 24E 11 SE¼ SW¼ 6S 24E 11 SW¼ SE¼ 18.40 16.40 19.50 2.50 9.30 30.10 9.80 12.00	Tracts described below: 6S 24E 11 NW¼ SW¼ 6S 24E 11 SE¼ SW¼ 6S 24E 11 SW¼ SE¼ 6S 25E 17 NW¼ NE¼ 6S 25E 17 NW¼ NW¼ 6S 25E 21 SW¼ NW¼ 6S 25E 21 SE¼ NW¼ 6S 25E 21 NW¼ SW¼ 6S 25E 21 NW¼ SE¼ 6S 25E 36 SE¼ SE¼	Graham	Ownership data as below: John L. Hoopes Heber B. Bryce John L. Hoopes Mrs. W. Chaley A. T. West A. T. West " " " " " " " " Francis M. Skinner	861.00	861.00	1.80	
Nevada Consolidated Copper Company.	1906	Right	6S 15E 14 6S 15E 23	SE¼ SW¼, SW¼ SE¼, NE¼ NW¼	Pumps	Use of water for Industrial, Municipal, domestic and related purposes.	Gila	For further definition of this right see Article IX.	90.00	90.00	.20		
Montesuma Canal Company	1906	Left	7S 27E 17	NE¼ NE¼	Montesuma Canal	8.00 6.50 2.50	Tracts described below: 7S 26E 16 NE¼ NW¼ 7S 26E 10 NE¼ NW¼	Graham	Ownership data as below: J. A. Farley Mrs. Nitis Lindsey	48.00	48.00	.10	
San Jose Canal Company	1906	Left	6S 27E 36	SW¼ SW¼	San Jose Canal	76.30 20.00 30.00 5.10 20.60	Tracts described below: 7S 26E 21 SE¼ SW¼ 7S 26E 21 NE¼ SE¼ 7S 26E 21 SW¼ NE¼ 7S 26E 21 SE¼ NE¼	Graham	Ownership data as below: Oscar Olsen Ernest Ellsworth " " " " " " " "	457.80	457.80	.95	
Union Canal Company	1906	Left	7S 27E 18	SE¼ NW¼	Union Canal	63.80 33.80 4.50 3.20 22.30	Tracts described below: 6S 24E 24 NW¼ SE¼ 6S 24E 24 NW¼ SE¼ 6S 25E 19 NW¼ SW¼ 6S 25E 19 SW¼ SW¼	Graham	Ownership data as below: P. C. Merrill G. B. Maloy Sarah Taylor W. E. McBride	382.80	382.80	.80	





Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right																																								
		Side of stream	Location				Description	County	For irrigation season in ac. ft.			Maximum rate of diversion in cu. ft. per sec.																																								
			Twp.	Rge.					Sec.	Subdivision			Indi-vid-ual	Total	Indi-vid-ual	Total																																				
York Canal Company	1906	Right	6S	31E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	York Canal	68.30	Tracts described below: 6S 31E 17 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 31E 17 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 31E 19 NE $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 31E 19 SE $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	Ownership data as below: Gus Duncan George A. Wilson Mrs. M. E. Pittman	409.80	.85																																							
														Middle Canal Company	1906	Left	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Middle Canal	20.70	Greenlee	Mrs. M. E. Pittman	124.20	.26																										
																											Colvin-Jones Canal Company	1907	Right	4S	23E	26	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Colvin-Jones Canal	34.10	Graham	Ownership data as below: C. N. Higgins " " " " " " " " "	294.60	.43													
																																								Curtis Canal Company	1907	Right	6S	24E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Curtis Canal	32.20	Graham	Ownership data as below: L. M. Thatcher A. J. Kempton Calvin I. Kempton & Heber Kempton Joseph Moyes	193.20	.41
																											Smithville Canal Company	1907	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	282.50	Graham	Ownership data as below: John H. Foster Roy Saline P. H. McBride, Jr. P. H. McBride, Jr. John H. Foster Roy Saline Laura McBride Karl Foster W. J. Preston " " " " " " Karl Foster Mrs. Sarah Barney Albert Carver Ester McBride L. L. Follett Mrs. Olive Larson H. J. Clark W. A. Carter, Jr. Mrs. Olive Larson	1685.00	3.53													
																																								Smithville Canal Company	1907	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	282.50	Graham	Ownership data as below: John H. Foster Roy Saline P. H. McBride, Jr. P. H. McBride, Jr. John H. Foster Roy Saline Laura McBride Karl Foster W. J. Preston " " " " " " Karl Foster Mrs. Sarah Barney Albert Carver Ester McBride L. L. Follett Mrs. Olive Larson H. J. Clark W. A. Carter, Jr. Mrs. Olive Larson	1685.00	3.53

(continued)

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Diversion right			
		Side of stream	Location			Number of acres	Description		County	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.			Sec.	Subdivision		Indi-vid-ual	Total		Indi-vid-ual
Smithville Canal Company (Continuation)	1907					2.00	6S	24E	(continuation)	Graham	12.00	03	
						26.60	6S	24E	14 SE¼ NE¼		150.00	33	
						7.90	6S	24E	14 SE¼ NE¼		47.40	10	
						4.40	6S	24E	14 SE¼ NE¼		28.40	06	
						16.10	6S	24E	14 NW¼ NW¼		96.60	20	
						22.60	6S	24E	14 NW¼ NW¼		136.00	28	
						1.40	6S	24E	14 NW¼ SE¼		8.40	02	
						8.70	6S	24E	14 NW¼ NE¼		52.20	11	
						10.60	6S	24E	14 NE¼ NE¼		63.60	12	
						16.20	6S	24E	14 SE¼ NW¼		97.20	20	
						38.40	4S	23E	Tracts described below:		230.40	48	
						7.20	4S	23E	19 NE¼ NE¼		43.20	08	
						16.20	4S	23E	27 SW¼ SW¼		97.20	20	
						2.50	4S	23E	26 NE¼ SW¼		15.00	03	
12.40	4S	23E	34 SW¼ NW¼	74.40	15								
1.10	4S	23E	34 SW¼ NW¼	6.00	01								
4.10	7S	26E	10 SE¼ NE¼	24.60	05								
Fort Thomas Consolidated Canal Company	1907			Fort Thomas Consolidated Canal	Graham	417.40	7S	26E	Tracts described below:	2,804.40	5.22		
						20.30	7S	26E	17 SW¼ SW¼	121.80	25		
						3.30	7S	26E	17 SW¼ SW¼	19.80	04		
						2.70	7S	26E	18 NW¼ SW¼	16.20	03		
						31.00	7S	26E	18 SW¼ SW¼	186.00	39		
						21.80	7S	26E	18 SW¼ SW¼	130.80	27		
						4.10	7S	26E	18 SW¼ SE¼	24.60	05		
						18.70	7S	26E	18 SW¼ SE¼	112.20	23		
						7.40	7S	26E	18 SE¼ SE¼	42.80	09		
						15.90	7S	26E	18 SE¼ SE¼	85.40	16		
						27.30	7S	26E	19 NE¼ NE¼	162.80	31		
						22.10	7S	26E	19 NE¼ NE¼	132.60	26		
						36.60	7S	26E	19 NE¼ NE¼	219.60	45		
						7.70	7S	26E	20 NW¼ NW¼	48.20	10		
2.80	7S	26E	20 NW¼ NW¼	16.80	04								
34.70	7S	26E	20 NW¼ NW¼	208.20	43								
31.00	7S	26E	20 NW¼ NW¼	186.00	39								
2.50	7S	26E	20 NE¼ SE¼	16.00	03								
1.70	7S	26E	20 SE¼ SE¼	10.20	02								
19.00	7S	26E	20 SW¼ NE¼	114.00	24								
8.70	7S	26E	20 SW¼ NE¼	52.20	11								
19.20	7S	26E	20 SW¼ NE¼	115.20	24								
7.60	7S	26E	20 SE¼ SW¼	45.60	10								
15.20	7S	26E	20 NE¼ SW¼	91.20	19								
6.20	7S	26E	20 NW¼ SE¼	40.20	08								
33.60	7S	26E	20 NW¼ SE¼	37.20	08								
6.30	7S	26E	20 SW¼ SE¼	201.60	42								
1.90	7S	26E	25 SE¼ NW¼	37.80	08								
1.30	7S	26E	25 SE¼ NW¼	11.40	02								
7S	26E	25 SE¼ NW¼	25 SW¼ NE¼	1.80	01								
7S	26E	25 SW¼ NE¼	25 SW¼ NE¼	1.80	01								
Montezuma Canal Company	1907			Montezuma Canal	Graham	4.10	7S	27E	17 NE¼ NE¼	24.60	05		
						San Jose Canal	Graham	417.40	6S	27E	36 SW¼ SW¼	2,804.40	5.22
								20.30	6S	27E	36 SW¼ SW¼	121.80	25

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right		
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision			Indi-vid-ual	Total	
Smithville Canal Company (Continuation)	1907					2.00	6S	24E	(continuation)	Graham	Ether McBride Earl Foster Mrs. Sarah Bryce Ethel B. Carter & Walter Batty Mrs. Sarah Bryce Lehi Larson, Sr. C. B. Boren W. A. Carter, Jr.	12.00	.03
						26.00	6S	24E	14 SE $\frac{1}{4}$ NE $\frac{1}{4}$			159.00	.33
						7.90	6S	24E	14 SE $\frac{1}{4}$ NE $\frac{1}{4}$			47.40	.10
						4.40	6S	24E	14 NE $\frac{1}{4}$ NW $\frac{1}{4}$			26.40	.06
						16.10	6S	24E	14 NW $\frac{1}{4}$ NW $\frac{1}{4}$			96.60	.20
						22.00	6S	24E	14 NE $\frac{1}{4}$ SE $\frac{1}{4}$			136.00	.28
						1.40	6S	24E	14 NE $\frac{1}{4}$ NE $\frac{1}{4}$			8.40	.02
						8.70	6S	24E	14 NW $\frac{1}{4}$ NE $\frac{1}{4}$			52.20	.11
						10.80	6S	24E	14 NE $\frac{1}{4}$ NW $\frac{1}{4}$			63.60	.12
						16.20	6S	24E	14 SE $\frac{1}{4}$ NW $\frac{1}{4}$			97.20	.20
						38.40	4S	23E	19 NE $\frac{1}{4}$ NE $\frac{1}{4}$			43.20	.09
						7.20	4S	23E	19 SW $\frac{1}{4}$ SW $\frac{1}{4}$			97.20	.20
						16.20	4S	23E	27 NE $\frac{1}{4}$ SW $\frac{1}{4}$			15.00	.03
						2.50	4S	23E	34 NW $\frac{1}{4}$ NW $\frac{1}{4}$			74.40	.15
12.40	4S	23E	34 SW $\frac{1}{4}$ NW $\frac{1}{4}$	74.40	.15								
4.10	7S	25E	10 SE $\frac{1}{4}$ NE $\frac{1}{4}$	230.40	.48								
4.10	7S	25E	10 SE $\frac{1}{4}$ NE $\frac{1}{4}$	24.80	.05								
Fort Thomas Consolidated Canal Company	1907				Fort Thomas Consolidated Canal	417.40	7S	26E	17 SW $\frac{1}{4}$ SW $\frac{1}{4}$	Graham	Ownership data as below: L. M. Taylor T. L. Willis Edgar H. Chesley George P. Ballard John Stowe	121.80	.25
						20.30	7S	26E	17 SE $\frac{1}{4}$ SW $\frac{1}{4}$			19.80	.04
						3.30	7S	26E	18 NW $\frac{1}{4}$ SW $\frac{1}{4}$			16.20	.03
						2.70	7S	26E	18 SW $\frac{1}{4}$ SW $\frac{1}{4}$			188.00	.39
						31.00	7S	26E	18 SW $\frac{1}{4}$ SW $\frac{1}{4}$			130.80	.27
						21.80	7S	26E	18 SW $\frac{1}{4}$ SE $\frac{1}{4}$			24.60	.05
						4.10	7S	26E	18 SW $\frac{1}{4}$ SE $\frac{1}{4}$			112.20	.23
						18.70	7S	26E	18 SW $\frac{1}{4}$ SE $\frac{1}{4}$			43.80	.09
						7.30	7S	26E	18 SE $\frac{1}{4}$ SE $\frac{1}{4}$			95.40	.20
						15.90	7S	26E	19 NE $\frac{1}{4}$ NE $\frac{1}{4}$			163.80	.34
						27.30	7S	26E	19 NE $\frac{1}{4}$ NE $\frac{1}{4}$			132.60	.28
						22.10	7S	26E	19 NE $\frac{1}{4}$ NW $\frac{1}{4}$			210.60	.45
						38.60	7S	26E	19 NW $\frac{1}{4}$ NW $\frac{1}{4}$			45.20	.10
						7.70	7S	26E	20 NW $\frac{1}{4}$ NW $\frac{1}{4}$			18.80	.04
						2.80	7S	26E	20 SW $\frac{1}{4}$ NW $\frac{1}{4}$			8.40	.01
						34.70	7S	26E	20 NE $\frac{1}{4}$ NW $\frac{1}{4}$			208.20	.43
						31.00	7S	26E	20 NE $\frac{1}{4}$ NW $\frac{1}{4}$			186.00	.39
						2.50	7S	26E	20 NE $\frac{1}{4}$ SE $\frac{1}{4}$			15.00	.03
						1.70	7S	26E	20 SE $\frac{1}{4}$ SE $\frac{1}{4}$			10.20	.02
						19.00	7S	26E	20 SW $\frac{1}{4}$ NE $\frac{1}{4}$			114.00	.24
						8.70	7S	26E	20 SW $\frac{1}{4}$ NE $\frac{1}{4}$			52.20	.11
						19.20	7S	26E	20 SW $\frac{1}{4}$ NW $\frac{1}{4}$			115.20	.24
						7.60	7S	26E	20 SE $\frac{1}{4}$ NW $\frac{1}{4}$			43.60	.10
						15.20	7S	26E	20 NE $\frac{1}{4}$ SW $\frac{1}{4}$			91.20	.19
						6.20	7S	26E	20 NE $\frac{1}{4}$ SW $\frac{1}{4}$			40.20	.08
						6.20	7S	26E	20 NW $\frac{1}{4}$ SE $\frac{1}{4}$			37.20	.08
						33.30	7S	26E	20 SW $\frac{1}{4}$ SE $\frac{1}{4}$			291.60	.62
						6.30	7S	26E	25 SE $\frac{1}{4}$ NW $\frac{1}{4}$			37.80	.08
1.90	7S	26E	25 SE $\frac{1}{4}$ NW $\frac{1}{4}$	11.40	.02								
1.30	7S	26E	25 SW $\frac{1}{4}$ NE $\frac{1}{4}$	1.80	.01								
1.30	7S	26E	25 SW $\frac{1}{4}$ NE $\frac{1}{4}$	1.80	.01								
Monteruma Canal Company	1907				Monteruma Canal	4.10	7S	27E	17 NE $\frac{1}{4}$ NE $\frac{1}{4}$	Graham	Ownership data as below: Austin Evans Calista B. Peel M. G. Montierth J. W. N. Scarlett F. E. Kirkpatrick John H. Harper Eust D. Emjle W. R. Wagdell Alma Freestone John R. Davidson J. W. Greenbaugh John West Mrs. W. R. Smith William Ellsworth W. A. Woodley Wallace Branch W. R. Foote James Jensen W. A. Woodley Delbert Hatch A. C. Hunt Mrs. F. M. Medhurst Eraldo Octoba	24.80	.05
						4.10	7S	27E	17 NE $\frac{1}{4}$ NE $\frac{1}{4}$			24.80	.05
San Jose Canal Company	1907				San Jose Canal	417.40	6S	27E	36 SW $\frac{1}{4}$ SW $\frac{1}{4}$	Graham	Ownership data as below: Austin Evans Calista B. Peel M. G. Montierth J. W. N. Scarlett F. E. Kirkpatrick John H. Harper Eust D. Emjle W. R. Wagdell Alma Freestone John R. Davidson J. W. Greenbaugh John West Mrs. W. R. Smith William Ellsworth W. A. Woodley Wallace Branch W. R. Foote James Jensen W. A. Woodley Delbert Hatch A. C. Hunt Mrs. F. M. Medhurst Eraldo Octoba	121.80	.25
						20.30	6S	27E	36 SW $\frac{1}{4}$ SW $\frac{1}{4}$			19.80	.04

Party entitled to divert from the stream	Date of priority			Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right		
	Side of stream	Location		Twp.	Rge.	Sec.			Description		County		Indi-vid-ual	Total	Maximum rate of diversion in cu. ft. per sec.
		Referred to G. & S. R. B. & M. or N. M. B. & M.	Subdivision						Referred to G. & S. R. B. & M. or N. M. B. & M.	Subdivision					
Union Canal Company	Left	78	27E	18	SE 1/4 NW 1/4		Union Canal	1045.90	Tracts described below:	Grasham	Ownership data as below:	6275.40	13.08		
								21.30	6S 24E 13 SW 1/4 SE 1/4		I. B. Blake	127.90	.27		
								13.70	6S 24E 13 SW 1/4 SW 1/4		W. J. Preston	52.20	.17		
								10.00	6S 24E 13 SW 1/4 SW 1/4		Milton Lines	50.00	.13		
								28.20	6S 24E 24 NE 1/4 NE 1/4		I. B. Blake	169.20	.33		
								28.00	6S 24E 24 NE 1/4 NE 1/4		Mrs. Virginia R. Wilson	168.00	.33		
								17.40	6S 24E 24 SW 1/4 NE 1/4		Fred Webb	104.40	.22		
								19.70	6S 24E 24 SW 1/4 NE 1/4		Ernest D. Green	118.20	.25		
								7.60	6S 24E 24 NE 1/4 NW 1/4		C. E. Ferrin	45.60	.10		
								11.20	6S 24E 24 NE 1/4 NW 1/4		U. B. Blake	67.20	.14		
								1.30	6S 24E 24 NE 1/4 NW 1/4		J. B. Blake	7.80	.02		
								21.50	6S 24E 24 NE 1/4 NW 1/4		G. B. Maloy	129.00	.27		
								35.30	6S 24E 24 NE 1/4 NW 1/4		Fred Webb	211.80	.44		
								34.50	6S 24E 24 NE 1/4 NW 1/4		Clark Mangum	207.00	.43		
								5.50	6S 24E 24 NE 1/4 NW 1/4		Joseph Rogers	33.00	.07		
								37.50	6S 24E 24 NE 1/4 NW 1/4		Mrs. Louisa Rogers	225.00	.47		
								1.70	6S 24E 24 NE 1/4 NW 1/4		P. C. Merrill	10.20	.02		
								7.30	6S 24E 24 NE 1/4 NW 1/4		E. C. Eyring	43.80	.09		
								29.10	6S 24E 24 NE 1/4 NW 1/4			158.60	.31		
								1.90	6S 24E 24 NE 1/4 NW 1/4			11.40	.02		
								11.20	6S 24E 24 NE 1/4 NW 1/4		P. C. Merrill	67.20	.14		
								1.20	6S 24E 24 NE 1/4 NW 1/4		Joseph Rogers	7.20	.02		
								2.40	6S 24E 24 NE 1/4 NW 1/4		P. C. Merrill	14.40	.03		
								22.80	6S 24E 24 NE 1/4 NW 1/4		Joseph Rogers	135.00	.28		
								8.80	6S 24E 24 NE 1/4 NW 1/4		P. C. Merrill	34.80	.07		
								18.80	6S 24E 24 NE 1/4 NW 1/4		Joseph Rogers	112.80	.24		
								11.80	6S 24E 24 NE 1/4 NW 1/4		Mrs. Louisa Rogers	70.80	.15		
								5.80	6S 24E 24 NE 1/4 NW 1/4		P. C. Merrill	34.80	.07		
								1.30	6S 24E 24 NE 1/4 NW 1/4		Joseph Rogers	7.80	.02		
								4.80	6S 24E 24 NE 1/4 NW 1/4		Joseph Alder	28.80	.06		
								27.30	6S 24E 24 NE 1/4 NW 1/4		John W. Allen	163.80	.34		
								37.80	6S 24E 24 NE 1/4 NW 1/4		M. F. Preston	236.80	.47		
								17.20	6S 24E 24 NE 1/4 NW 1/4		Joseph Alder	103.20	.22		
								4.20	6S 24E 24 NE 1/4 NW 1/4		Ekher S. Ferrin	25.20	.05		
								12.50	6S 24E 24 NE 1/4 NW 1/4			75.00	.16		
								8.40	6S 24E 24 NE 1/4 NW 1/4		C. E. Ferrin	108.00	.23		
								10.80	6S 24E 24 NE 1/4 NW 1/4		C. M. Beal	64.80	.14		
								8.40	6S 24E 24 NE 1/4 NW 1/4		P. M. Kelly	50.40	.11		
								10.10	6S 24E 24 NE 1/4 NW 1/4		John Cluff	67.20	.14		
								35.90	6S 24E 24 NE 1/4 NW 1/4		C. D. Havnie	67.60	.13		
								38.00	6S 24E 24 NE 1/4 NW 1/4		W. F. Preston	215.40	.45		
								24.00	6S 24E 24 NE 1/4 NW 1/4			216.00	.45		
								11.60	6S 24E 24 NE 1/4 NW 1/4			134.00	.29		
								27.80	6S 24E 24 NE 1/4 NW 1/4		A. Rehner	68.60	.15		
								26.10	6S 24E 24 NE 1/4 NW 1/4		J. H. Beal	166.80	.35		
								40.00	6S 24E 24 NE 1/4 NW 1/4		C. M. Beal	166.60	.35		
								9.10	6S 24E 24 NE 1/4 NW 1/4		Mrs. Layman Dodge	240.00	.50		
								29.20	6S 24E 24 NE 1/4 NW 1/4		W. F. Preston	84.60	.18		
								15.70	6S 24E 24 NE 1/4 NW 1/4		S. E. Allen	175.20	.37		
								18.20	6S 24E 24 NE 1/4 NW 1/4		W. J. Mallon	94.20	.20		
								35.20	6S 24E 24 NE 1/4 NW 1/4		S. E. Allen	97.80	.20		
								38.20	6S 24E 24 NE 1/4 NW 1/4		J. H. Beal	211.80	.44		
								35.80	6S 24E 24 NE 1/4 NW 1/4		James Mallon	115.40	.25		
								10.90	6S 24E 24 NE 1/4 NW 1/4		W. M. Ferrin	214.80	.45		
								7.10	6S 24E 24 NE 1/4 NW 1/4		W. M. Kerby	63.60	.12		
								7.10	6S 24E 24 NE 1/4 NW 1/4		D. T. Preston	43.80	.09		
								5.70	6S 24E 24 NE 1/4 NW 1/4		W. M. Ferrin	42.60	.09		
								35.40	6S 24E 24 NE 1/4 NW 1/4		Joseph Alder	34.20	.07		
								39.60	6S 24E 24 NE 1/4 NW 1/4		M. F. Preston	230.40	.48		
								15.80	6S 24E 24 NE 1/4 NW 1/4		D. T. Preston	237.00	.48		

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		County	For irrigation season in ac-ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rgs.			Sec.	Subdivision		Referred to G. & S. R. B. & M. or N. M. B. & M.	Indi-vid-ual		Total	Indi-vid-ual
R. H. Angle	1907	Right	Direct from river		Pumping Plant	4.00	6S	30E	1	NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$	Greenlee	24.00		.05
	1907	Right	8S 31E 11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Colmenero Canal	129.90 15.70 13.70 8.60 27.00 4.50 20.50 5.90 1.50 1.40 9.20 13.30 9.60	7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E 7S 31E	16 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 16 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 21 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 21 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 27 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 28 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 28 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 28 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 28 NE $\frac{1}{4}$ SE $\frac{1}{4}$	Greenlee	84.20 82.20 51.60 183.00 127.00 123.00 55.40 3.00 55.20 79.80 57.60	779.40	.02 .17 .11 .34 .06 .26 .07 .02 .13 .17 .13	.05 .07 1.53	
Duncan Canal Company	1907	Left	8S 32E	28	NE $\frac{1}{4}$ NW $\frac{1}{4}$	3.10	8S	32E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	18.60		.04
United States	1908	Left	4S 11E	8	NW $\frac{1}{4}$	430.00 40.00 80.00 31.69 122.18 107.82 48.31	2S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E	3S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E	3S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E 3S 9E	Pinel	240.00 480.00 190.14 733.08 646.92 289.86	2590.00	.50 1.00 1.50 1.35 1.62	5.37
Dodge-Nevada Canal Company	1908	Left	6S 26E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	4.10	6S	24E	10	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Graham	24.60		.05
Fort Thomas Consolidated Canal Company	1908	Left	6S 24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	110.50 4.00 20.10 14.80 1.50 4.10 8.70 7.00 17.90 2.70 17.20	4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E 4S 23E	17 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 19 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 29 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 29 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 29 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 34 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 34 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 34 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 34 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 34 NW $\frac{1}{4}$ SE $\frac{1}{4}$	Graham	24.00 120.60 88.80 9.00 24.60 52.20 72.00 42.00 107.40 16.20 103.20	663.00	.05 .25 .19 .02 .05 .11 .16 .09 .22 .03 .22	1.39	
Graham Canal Company	1908	Right	7S 26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	196.60 25.00 24.30 7.00 28.70 3.20 6.69 10.90 12.90 2.89 10.00 10.00 15.50	6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E 6S 24E	1 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 1 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 1 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 2 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 2 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 8 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 25 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 25 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 25 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 25 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 25 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 25 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 26 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Graham	150.00 146.80 42.00 172.20 55.20 180.60 33.00 65.40 28.20 77.40 16.80 60.00 93.00	1179.60	.31 .39 .09 .36 .11 .39 .07 .14 .06 .16 .04 .13 .19	2.48	

Parties owning said lands when jurisdiction acquired herein

R. H. Angle  
 Ownership data as below:  
 George H. Cooper  
 Albert L. Barber  
 Roy D. Williams  
 Sam R. Tulley  
 F. N. Gault  
 H. B. Harris  
 F. N. Gault  
 J. W. Carter & M. H. Brooks  
 Ownership data as below:  
 J. J. Fraser  
 J. E. Pulipher  
 J. N. Holyoak  
 S. E. Reynolds  
 George W. Healy  
 George P. Ballard  
 George W. Healy  
 Ownership data as below:  
 John L. Hoopes  
 Huber B. Bryce  
 Martha A. Merrill  
 E. E. Hancock  
 Simon Mathews  
 J. A. Foster  
 Van Talley  
 D. V. A. Talley  
 Van Talley  
 D. V. A. Talley  
 S. D. Howard

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right			
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision					Indi-vid-ual	Total
R. H. Angle	1907	Right	Direct from river			4.00	6S	30E	1	NE¼ SW¼	Greenlee	24.00	.05	
	1907	Right	8S	31E	11	NW¼ SE¼	6S	30E	1	NW¼ SE¼	Greenlee	35.40	.07	
Colmenero Canal Company					Colmenero Canal	129.90	7S	31E	18	NE¼ SW¼	Greenlee	94.20	.02	
						15.70	7S	31E	16	NW¼ SW¼		82.20	.17	
						8.60	7S	31E	21	SW¼ SW¼		51.60	.11	
						27.00	7S	31E	21	SW¼ NE¼		162.00	.34	
						4.50	7S	31E	21	NE¼ SE¼		27.00	.06	
						20.50	7S	31E	21	NW¼ SE¼		123.00	.28	
						5.00	7S	31E	27	NW¼ SW¼		35.40	.07	
						1.40	7S	31E	27	SW¼ SW¼		9.00	.02	
						9.20	7S	31E	28	SW¼ NE¼		2.40	.05	
						13.30	7S	31E	28	SE¼ NE¼		56.20	.12	
						9.60	7S	31E	28	NE¼ SE¼		79.80	.17	
						3.10	8S	32E	29	NW¼ NW¼		57.60	.13	
						430.00	6S	9E	3	NE¼ NW¼		Final	240.00	.50
						80.00	6S	9E	3	S¼ NW¼			480.00	1.00
31.60	6S	9E	3	W¼ SW¼	190.14	.40								
122.18	6S	9E	4	NE¼	733.08	1.50								
107.82	6S	9E	4	SE¼	646.92	1.35								
48.31	6S	9E	4	E¼ SE¼	269.86	.62								
4.10	6S	24E	10	NW¼ SE¼	24.60	.05								
Dodge-Nevada Canal Company					Dodge-Nevada Canal	110.50	4S	23E	17	NW¼ SW¼	Graham		24.00	.05
						20.10	4S	23E	19	SE¼ NE¼			120.60	.25
						14.80	4S	23E	29	NE¼ SE¼			88.00	.19
						1.50	4S	23E	29	NW¼ SE¼			9.00	.02
						4.70	4S	23E	34	SW¼ NE¼			24.60	.05
						8.70	4S	23E	34	NE¼ NW¼			52.20	.11
						12.50	4S	23E	34	NW¼ NW¼			75.00	.16
						17.00	4S	23E	34	SW¼ NW¼		42.00	.09	
						17.90	4S	23E	34	SE¼ NW¼		107.40	.22	
						2.70	4S	23E	34	NE¼ SW¼		18.20	.04	
						17.20	4S	23E	34	NW¼ SE¼		103.20	.22	
						198.60	6S	24E	1	SW¼ NW¼		Graham	150.00	.31
						24.00	6S	24E	1	SW¼ SW¼			146.80	.30
						24.30	6S	24E	1	NW¼ SW¼			42.00	.08
7.00	6S	24E	2	SE¼ SE¼	172.20	.36								
28.70	6S	24E	2	NW¼ SE¼	55.20	.11								
30.10	6S	24E	8	SW¼ SE¼	180.60	.39								
5.50	6S	24E	25	NE¼ SW¼	33.00	.07								
10.90	6S	24E	25	NW¼ SW¼	65.40	.14								
4.70	6S	24E	25	NW¼ SW¼	28.20	.06								
12.90	6S	24E	25	NW¼ SW¼	77.40	.16								
2.80	6S	24E	25	SW¼ SW¼	16.80	.04								
10.00	6S	24E	25	SW¼ SW¼	60.00	.13								
10.00	6S	24E	25	SW¼ SW¼	60.00	.13								
15.50	6S	24E	26	NW¼ NW¼	93.00	.19								
Graham Canal Company					Graham Canal	198.60	6S	24E	1	SW¼ NW¼	Graham	150.00	.31	
						24.00	6S	24E	1	SW¼ SW¼		146.80	.30	
						24.30	6S	24E	1	NW¼ SW¼		42.00	.08	
						7.00	6S	24E	2	SE¼ SE¼		172.20	.36	
						28.70	6S	24E	2	NW¼ SE¼		55.20	.11	
						30.10	6S	24E	8	SW¼ SE¼		180.60	.39	
						5.50	6S	24E	25	NE¼ SW¼		33.00	.07	
						10.90	6S	24E	25	NW¼ SW¼		65.40	.14	
						4.70	6S	24E	25	NW¼ SW¼		28.20	.06	
						12.90	6S	24E	25	NW¼ SW¼		77.40	.16	
						2.80	6S	24E	25	SW¼ SW¼		16.80	.04	
						10.00	6S	24E	25	SW¼ SW¼		60.00	.13	
						10.00	6S	24E	25	SW¼ SW¼		60.00	.13	
						15.50	6S	24E	26	NW¼ NW¼		93.00	.19	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right			
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision					Indi-vid-ual	Total
J. L. Henderson	1908	Right	6S	30E	1	NE¼ SE¼	4.50	6S	30E	1	NW¼ SE¼	Greenlee	27.00	.06
San Jose Canal Company	1908	Left	6S	27E	36	SW¼ SW¼	13.40	7S	28E	28	NE¼ NE¼	Graham	80.40	.17
York Canal Company	1908	Right	6S	31E	29	SW¼ NW¼	121.70	Tracts described below:		Ownership data as below:		Greenlee	730.20	1.52
							5.20	6S	31E	8	SW¼ SW¼			.07
							9.20	6S	31E	17	NW¼ NW¼			.12
							10.60	6S	31E	17	NW¼ NW¼			.13
							9.80	6S	31E	17	SW¼ NW¼			.01
							18.40	6S	31E	18	SW¼ NW¼			.22
							10.40	6S	31E	18	NE¼ NE¼			.21
							4.10	6S	31E	18	NW¼ NE¼			.04
							2.10	6S	31E	18	SE¼ NE¼			.04
							1.90	6S	31E	19	NW¼ NE¼			.02
							7.00	6S	31E	19	SW¼ NE¼			.09
							17.40	6S	31E	19	SE¼ NE¼			.22
Colmenero Canal Company	1908	Right	8S	31E	11	NW¼ SE¼	28.30	Tracts described below:		Ownership data as below:		Greenlee	157.80	.32
							1.90	7S	31E	16	SW¼ SW¼			.02
							22.40	7S	31E	16	SE¼ SW¼			.28
							2.00	7S	31E	16	SW¼ SE¼			.02
Black & McCleskey Canal Company	1908	Left	8S	32E	19	NE¼ SE¼	16.00	Tracts described below:		Ownership data as below:		Greenlee	98.00	.20
							13.60	8S	31E	13	NW¼ NW¼			.17
							2.40	8S	31E	14	NE¼ NE¼			.03
Valley Canal Company	1908	Right	19S	21W	4	NE¼ NW¼	108.30	Tracts described below:		Ownership data as below:		Greenlee	631.80	1.31
							33.40	8S	32E	20	NW¼ NW¼			.41
							27.20	8S	32E	20	SW¼ NW¼			.24
							5.30	8S	32E	20	SW¼ NW¼			.07
							7.40	8S	32E	28	NE¼ SW¼			.44
							27.30	8S	32E	28	NW¼ SE¼			.98
							4.70	8S	32E	28	NW¼ SE¼			.34
Moddle Canal Company	1908	Left	19S	21W	11	NW¼ SE¼	46.60	Tracts described below:		Ownership data as below:		Greenlee	279.60	.59
							20.00	8S	32E	28	SW¼ SE¼			.01
							22.60	8S	32E	28	NW¼ SW¼			.29
							3.70	8S	32E	28	SW¼ SW¼			.08
							14.70	8S	32E	28	SE¼ SW¼			.18
							5.00	8S	32E	28	NE¼ SW¼			.06
Nevada Consolidated Copper Company	1908	Right	5S	15E	14	SE¼ SW¼ SW¼ SE¼ NE¼ NW¼	Use of water for industrial municipal, domestic and related purposes.			For further definition of this right see Article IX.		Gila	918.00	1.91









Party entitled to divert from the stream	Date of priority			Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right																		
	Date of priority	Location		Side of stream	Description			County	Referred to G. & S. R. E. & M. or N. M. B. & M.		Total		Maximum rate of diversion in cu. ft. per sec.																		
		Twp.	Rge.		Sec.	Subdivision			Twp.	Rge.				Sec.	Subdivision																
Smithville Canal Company (continuation)	1910							20.60	6S	24E	(continuation)	Graham	P. A. Norton P. R. Taylor H. J. Anderson Ben Blake Milton Lines H. J. Anderson Lewis Allen H. J. Anderson Benjamin Echols	123.60 123.60 223.60 51.00 97.20 115.20 229.80 190.20 84.00 69.60 133.20 133.60 29.29 72.00 123.60 166.20 46.80 72.00 69.00	.26 .26 .47 .11 .20 .48 .48 .40 .18 .15 .28 .29 .15 .01 .26 .35 .10 .15 .14																
								20.60	6S	24E	51 SW 1/4 SE 1/4																				
								20.60	6S	24E	51 SE 1/4 SE 1/4																				
								27.60	6S	24E	8 NE 1/4 NE 1/4																				
								8.50	6S	24E	8 NW 1/4 NE 1/4																				
								16.20	6S	24E	9 SW 1/4 NE 1/4																				
								18.20	6S	24E	9 NW 1/4 NW 1/4																				
								33.30	6S	24E	9 SW 1/4 NW 1/4																				
								31.70	6S	24E	9 SE 1/4 NW 1/4																				
								11.60	6S	24E	8 NE 1/4 SW 1/4																				
								22.20	6S	24E	9 NE 1/4 SW 1/4																				
								23.10	6S	24E	9 NE 1/4 NW 1/4																				
								12.00	6S	24E	9 SE 1/4 SW 1/4																				
								10.10	6S	24E	16 NE 1/4 NW 1/4																				
								27.70	6S	24E	16 NW 1/4 NW 1/4																				
7.80	6S	24E	16 SW 1/4 NW 1/4																												
12.00	6S	24E	16 SE 1/4 NW 1/4																												
11.50	6S	24E	16 NE 1/4 SW 1/4																												
Fort Thomas Consolidated Canal Company	1910						Fort Thomas Consolidated Canal	49.70	Tracts described below:		Graham	Ownership data as below: Charles F. Solomon School District #7, County of Graham, State of Arizona	199.80 73.20 25.20	.62 .15 .05																	
								33.30	5S	23E					24 NE 1/4 NE 1/4																
								12.20	5S	23E					24 SE 1/4 NE 1/4																
								4.20	5S	23E					24 SW 1/4 NE 1/4																
								10.00	Tracts described below:																						
								9.40	6S	24E					3 NE 1/4 NE 1/4																
								9.40	6S	24E					3 SE 1/4 NE 1/4																
								J. H. Brown	1910										Pumping Plant Direct	25.60	Tracts described below:		Greenlee	Ownership data as below: J. H. Brown	40.80 99.00 13.80	.08 .21 .08					
																				8.80	6S	30E					1 SW 1/4 SE 1/4				
																				16.80	6S	30E					1 SE 1/4 SE 1/4				
																				2.30	6S	31E					6 SW 1/4 SW 1/4				
																				9.60	Tracts described below:										
								Sexton Canal Company	1910										Sexton Canal	2.10	7S	31E	16 SW 1/4 SW 1/4		57.00	.08					
																				1.00	7S	31E	16 SE 1/4 SW 1/4								
																				5.30	7S	31E	21 NE 1/4 NW 1/4								
1.10	7S	31E	21 NW 1/4 NW 1/4																												
4.00	Tracts described below:																														
Duncan Canal Company	1910						Duncan Canal	1.30	8S	32E	19 NW 1/4 NE 1/4		24.00	.02																	
								1.50	8S	32E	19 SW 1/4 NE 1/4																				
								1.80	8S	32E	19 NE 1/4 NW 1/4																				
								.40	8S	32E	19 SE 1/4 NW 1/4																				
								6.30	Tracts described below:																						
York Canal Company	1910						York Canal	1.10	6S	31E	7 SE 1/4 NE 1/4		37.80	.01																	
								1.80	6S	31E	7 NE 1/4 SE 1/4																				
								2.60	6S	31E	8 SW 1/4 NW 1/4																				
								1.80	6S	31E	8 NW 1/4 SW 1/4																				
								6.30	Tracts described below:																						

Party entitled to divert from the stream	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right								
	Date of priority	Side of stream	Location Referred to G. & S. R. B. & M. or N. M. B. & M.		Number of acres	Description		Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac-ft.	Maximum rate of diversion in cu. ft. per sec.						
						Twp. Rge. Sec.	Subdivision				County	Indi-vid-ual	Total	Indi-vid-ual	Total	
Smithville Canal Company (continuation)	1910				20.60	6S	24E	(continuation)	Graham	P. A. Norton F. R. Taylor H. J. Anderson Ben Blake Milton Lines H. J. Anderson " " " " " " Lewis Allen H. J. Anderson Benjamin Echols	123.60 123.60 225.60 67.00 97.20 115.20 223.60 190.20 84.60 89.60 133.20 136.60 72.00 123.60 166.20 46.80 72.00 69.00	.26 .26 .47 .11 .20 .24 .48 .40 .18 .16 .28 .29 .15 .01 .26 .35 .10 .15 .14				
					20.60	6S	24E	9 SW 1/4 SE 1/4							298.20	.63
					20.60	6S	24E	8 SW 1/4 SE 1/4							193.80	.42
					37.69	6S	24E	8 NE 1/4 NE 1/4							73.20	.15
					8.50	6S	24E	8 NW 1/4 NE 1/4							25.20	.06
					16.20	6S	24E	9 NW 1/4 NW 1/4							3.60	.12
					19.20	6S	24E	9 SW 1/4 NW 1/4							56.40	.13
					38.30	6S	24E	9 NW 1/4 NW 1/4							153.60	.32
					31.70	6S	24E	9 SW 1/4 NW 1/4							57.00	.12
					14.00	6S	24E	9 SE 1/4 NW 1/4							12.60	.03
					22.20	6S	24E	9 NE 1/4 NW 1/4							6.00	.01
					23.10	6S	24E	9 NW 1/4 SW 1/4							31.80	.07
					12.00	6S	24E	9 NE 1/4 SW 1/4							6.90	.01
					10.10	6S	24E	9 SE 1/4 SW 1/4							24.00	.06
					20.60	6S	24E	10 NE 1/4 NW 1/4							7.80	.02
27.70	6S	24E	16 NW 1/4 NW 1/4			3.00	.01									
7.80	6S	24E	16 SW 1/4 NW 1/4			10.80	.02									
12.00	6S	24E	16 SE 1/4 NW 1/4			2.40	.01									
11.50	6S	24E	16 NE 1/4 SW 1/4			37.80	.07									
49.70	Tracts described below:					6.60	.01									
33.30	5S	23E	24 NE 1/4 NE 1/4	Graham	Ownership data as below: Charles F. Solomon	193.80	.42									
12.20	5S	23E	24 SE 1/4 NE 1/4	"	"	73.20	.15									
4.20	5S	23E	24 SE 1/4 NE 1/4	"	School District #7, County of Graham, State of Arizona	25.20	.06									
10.00	Tracts described below:					3.60	.12									
9.40	6S	24E	3 NE 1/4 NE 1/4	Graham	Ownership data as below: Jesse A. Hancock	60.00	.13									
24.60	6S	30E	3 SE 1/4 NE 1/4	"	"	56.40	.12									
6.80	6S	30E	1 SW 1/4 SE 1/4	Greenlee	Ownership data as below: J. H. Brown	49.80	.08									
16.60	6S	30E	1 SE 1/4 SE 1/4	"	"	99.00	.21									
2.30	6S	31E	6 SW 1/4 SW 1/4	"	"	13.80	.03									
9.60	Tracts described below:					57.00	.12									
2.10	7S	31E	16 SW 1/4 SW 1/4	Greenlee	Ownership data as below: West White	12.60	.03									
1.00	7S	31E	16 SE 1/4 SW 1/4	"	"	6.00	.01									
5.30	7S	31E	21 NE 1/4 NW 1/4	"	"	31.80	.07									
1.10	7S	31E	21 NW 1/4 NW 1/4	"	"	6.90	.01									
4.00	Tracts described below:					24.00	.06									
1.30	8S	32E	19 NW 1/4 NE 1/4	Greenlee	Ownership data as below: Mrs. E. M. Simmons	7.80	.02									
1.50	8S	32E	19 SW 1/4 NE 1/4	"	"	3.00	.01									
1.80	8S	32E	19 NE 1/4 NE 1/4	"	"	10.80	.02									
1.40	8S	32E	19 SE 1/4 NE 1/4	"	"	2.40	.01									
6.30	Tracts described below:					6.60	.01									
1.10	6S	31E	7 SE 1/4 NE 1/4	Greenlee	Ownership data as below: Richard Kirtland	6.60	.01									
2.80	6S	31E	7 NE 1/4 NE 1/4	"	"	4.80	.01									
2.60	6S	31E	8 SW 1/4 NW 1/4	"	"	15.60	.03									
1.80	6S	31E	8 NW 1/4 SW 1/4	"	"	10.80	.02									

Party entitled to divert from the stream	Date of priority	Point of diversion			Names of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right					
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac. ft.		Maximum rate of diversion in cu. ft. per sec.		
			Twp.	Rge.			Sec.	Subdivision			Indi-vid-ual	Total		Indi-vid-ual	Total
Middle Canal Company United States	1910	Left	19S	21W	11	NW¼ SE¼	12.00	8S	32E	34	SW¼ SE¼	Greenlee	R. C. Moore	72.00	.15
	1911	Left	4S	11E	8	NW¼	160.00	5S	9E	19	SE¼	Pinal	Mark Twain Clemans	960.00	2.00
Fort Thomas Consolidated Canal Company	1911	Left	6S	24E	4	NE¼ NW¼	33.00	Tracts described below:			Graham	Ownership data as below: Ledis Montierth & Wandell Montierth George W. Healy	193.00	.41	
								4S	23E	28					SW¼ NE¼
San Jose Canal Company	1911	Left	6S	27E	36	SW¼ SW¼	46.80	Tracts described below:			Graham	Ownership data as below: Oscar Olsen	280.80	.59	
								7S	26E	21					SW¼ SW¼
Cooper & Wincham Extension Canal Company. Under Contract whereby Cooper & Wincham Canal Company makes actual diversion.	1911	Right	19S	21W	11	NW¼ SE¼	73.40	Tracts described below:			Greenlee	Ownership data as below: B. F. Billingsley	440.40	.92	
								7S	31E	5					SE¼ NE¼
United States	1912	Left	4S	11E	8	NW¼	140.00	Tracts described below:			Pinal	Ownership data as below: Choren P. Shiffet Earl G. Clemans	840.00	1.75	
								5S	9E	1					N¼ SW¼
Colvin-Jones Canal Company	1912	Right	4S	23E	26	SW¼ SW¼	16.50	Tracts described below:			Graham	Ownership data as below: C. N. Higgins	98.00	.21	
								4S	23E	21					SW¼ NE¼
Fort Thomas Consolidated Canal Company	1912	Left	6S	24E	4	NE¼ NW¼	28.90	Tracts described below:			Graham	Ownership data as below: E. W. Black Alonso Winzor	173.40	.38	
								4S	23E	17					SW¼ SW¼
Graham Canal Company	1912	Right	7S	26E	9	NE¼ NW¼	302.70	Tracts described below:			Graham	Ownership data as below: John L. Hoopes Wilfred Peterson D. E. Adams John L. Hoopes	1816.20	3.78	
								6S	24E	1					SE¼ SE¼

(continued)







Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																										
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.																							
			Twp.	Rge.			Sec.	Subdivision			Twp.	Rge.		Sec.	Subdivision	Indi-vid-ual	Total																			
Colvin-Jones Canal Company	1913	Right	4S	23E	26	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Colvin-Jones Canal	21.80	Graham	Ownership data as below: C. N. Higgins " " " " " "	130.80	.16																								
								12.30					4S 23E 21 SW $\frac{1}{4}$ NE $\frac{1}{4}$																							
								7.50					4S 23E 21 SE $\frac{1}{4}$ NW $\frac{1}{4}$																							
								2.00					4S 23E 21 NW $\frac{1}{4}$ SE $\frac{1}{4}$																							
								Fort Thomas Consolidated Canal Company					1913	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	35.20	Graham	Ownership data as below: Norman J. Johnson " " " " " " E. W. Black W. O. Tuttle	211.20	.16												
																				12.70					4S 23E 18 NE $\frac{1}{4}$ SE $\frac{1}{4}$											
																				8.00					4S 23E 18 NW $\frac{1}{4}$ SE $\frac{1}{4}$											
																				7.90					4S 23E 18 SW $\frac{1}{4}$ SE $\frac{1}{4}$											
																				1.40					4S 23E 35 NW $\frac{1}{4}$ SW $\frac{1}{4}$											
																				5.20					4S 23E 35 SW $\frac{1}{4}$ SW $\frac{1}{4}$											
																				Dodge-Nevada Canal Company					1913	Left	6S	26E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	681.50	Graham	Ownership data as below: E. P. Bryce Carrie B. Yett & E. D. Householder Sam Henry E. M. Plumb John Carpenter " " " " " " Niels J. Roseberry " " " " " " George A. Mathews Ala Packer George A. Mathews George Clyde Mathews " " " " " " George A. Mathews Ala Packer George A. Mathews L. A. Adams Mrs. J. E. Chief	3489.00	.46
																																37.00				
37.00	5S 23E 14 NW $\frac{1}{4}$ SE $\frac{1}{4}$																																			
38.20	5S 23E 14 SW $\frac{1}{4}$ SE $\frac{1}{4}$																																			
24.80	5S 23E 23 SW $\frac{1}{4}$ NE $\frac{1}{4}$																																			
32.30	5S 23E 23 SE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
38.80	5S 23E 24 NE $\frac{1}{4}$ SW $\frac{1}{4}$																																			
32.20	5S 23E 24 NW $\frac{1}{4}$ SW $\frac{1}{4}$																																			
32.20	5S 23E 24 SW $\frac{1}{4}$ SW $\frac{1}{4}$																																			
39.10	5S 23E 24 SE $\frac{1}{4}$ SW $\frac{1}{4}$																																			
8.10	5S 23E 24 SW $\frac{1}{4}$ SE $\frac{1}{4}$																																			
37.70	5S 23E 24 SE $\frac{1}{4}$ SE $\frac{1}{4}$																																			
37.30	5S 23E 25 NE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
23.60	5S 23E 25 NE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
9.90	5S 23E 25 NE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
24.80	5S 23E 25 SW $\frac{1}{4}$ NE $\frac{1}{4}$																																			
16.70	5S 23E 25 SE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
15.70	5S 23E 25 SE $\frac{1}{4}$ NE $\frac{1}{4}$																																			
21.40	5S 24E 30 SW $\frac{1}{4}$ NW $\frac{1}{4}$																																			
39.30	5S 24E 30 SW $\frac{1}{4}$ NW $\frac{1}{4}$																																			
36.90	5S 24E 30 SE $\frac{1}{4}$ SW $\frac{1}{4}$																																			
21.40	5S 24E 31 NE $\frac{1}{4}$ NW $\frac{1}{4}$																																			
Smithville Canal Company	1913	Left	6S	25E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Smithville Canal	8.40	Graham	Ownership data as below: William S. Nise " " " " " "	50.40	.10																								
								1.80					6S 24E 9 NW $\frac{1}{4}$ SE $\frac{1}{4}$																							
								2.40					6S 24E 9 NE $\frac{1}{4}$ NE $\frac{1}{4}$																							
								4.20					6S 24E 9 SE $\frac{1}{4}$ NE $\frac{1}{4}$																							
								United States					1914	Left	4S	11E	8	NW $\frac{1}{4}$	Ashurst-Hayden Diversion Dam & Florence Cass Grande Canal	327.00	Pinal	Ownership data as below: Willie K. Pearson Ines H. Conrad " " " " " " E. A. Urban Ernest W. McFarland Dugald Stewart J. C. Jamieson Amandus F. Peters, Jr. and Marie C. Peters " " " " " " Fether A. Brookway David I. Little	4862.00	10.34												
																				160.00					4S 9E 35 NE $\frac{1}{4}$ & NW $\frac{1}{4}$ SE $\frac{1}{4}$											
40.00	4S 8E 21 SE $\frac{1}{4}$ SE $\frac{1}{4}$																																			
20.00	4S 8E 21 SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$																																			
160.00	4S 8E 25 SE $\frac{1}{4}$ SE $\frac{1}{4}$																																			
12.00	4S 9E 11 NE $\frac{1}{4}$ NW $\frac{1}{4}$																																			
25.00	4S 9E 11 NW $\frac{1}{4}$ NE $\frac{1}{4}$																																			
150.00	4S 9E 32 NW $\frac{1}{4}$ NE $\frac{1}{4}$																																			
30.00	4S 6E 29 SE $\frac{1}{4}$ SW $\frac{1}{4}$																																			
160.00	4S 8E 1 Lots 9 & 10 SW $\frac{1}{4}$ NE $\frac{1}{4}$																																			
70.00	4S 6E 1 Lots 2, 3 & 4																																			

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right			
		Side of stream	Location				Description	County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.			
			Twp.	Rge.								Sec.	Subdivision	Indi-vid-ual
Curtis Canal Company	1914	Right	6S	24E	12	NW¼ NW¼	Curtis Canal	1.40	Tracts described below: 4S 23E 35 NE¼ SW¼ 4S 23E 36 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼	Graham	J. D. Busby	8.40	.02	
	1914	Left	6S	24E	4	NE¼ NW¼		Fort Thomas Consolidated Canal		73.70 4.80 3.80 1.60 1.70 31.00 7.10 24.10	28	NW¼ NW¼	Graham	Ownership data as below: William O. Tyler Pablo Barrels L. J. Brown, Jr. Mrs. Clara Hinton A. A. Smith L. J. Brown, Jr. Oscar Tyler Charles M. Layton
Dodge-Nevada Canal Company	1914	Left	6S	25E	20	NE¼ NW¼	Dodge-Nevada Canal	67.80	Tracts described below: 16.10 5S 23E 11 NE¼ SW¼ 38.60 5S 23E 23 NE¼ NE¼ 5S 24E 30 NE¼ NW¼ 5S 24E 30 SE¼ NW¼	Graham	Ownership data as below: W. H. Roach Sam Henry A. E. Weech	408.80	.85	
Graham Canal Company	1914	Right	7S	26E	9	NE¼ NW¼	Graham Canal	94.60	Tracts described below: 6.70 6S 24E 2 NE¼ SW¼ 6.70 6S 24E 2 SW¼ SW¼ 23.50 6S 24E 16 SE¼ SW¼ 8.10 6S 24E 16 NE¼ SW¼ 1.40 6S 24E 16 NE¼ SW¼ 1.30 6S 24E 16 NE¼ SW¼ 6.80 6S 24E 16 NE¼ SW¼ 8.30 6S 24E 16 NE¼ SW¼ 23.70 6S 24E 16 SW¼ SE¼	Graham	Ownership data as below: Joseph Moyes Leslie W. Layton & Zeb Leon A. O. Lamoreaux, Jr. Wilfred Peterson George Saunders Wilfred Peterson	567.60	1.19	
Union Canal Company	1914	Left	7S	26E	18	SE¼ NW¼	Union Canal	17.00	6S 25E 30 NW¼ NW¼	Graham	P. H. Teeple	102.00	.21	
Albert Canal Company	1914	Right	10S	21W	4	NE¼ NW¼	Albert Canal	8.80	Tracts described below: 6.30 7S 31E 21 SE¼ NW¼ 2.50 7S 31E 21 NE¼ SW¼	Greenlee	Ownership data as below: H. Albert & W. Bleinfein	52.80	.11	
Valley Canal Company	1914	Right	10S	21W	4	NE¼ NW¼	Valley Canal	43.60	Tracts described below: 3.90 8S 31E 11 SW¼ NE¼ 7.70 8S 31E 11 NE¼ NW¼ 4.20 8S 31E 11 NW¼ SE¼ 6.70 8S 31E 12 SE¼ NW¼ 9.70 8S 31E 12 NE¼ SW¼ 10.40 8S 31E 12 NW¼ SW¼	Greenlee	Ownership data as below: J. L. T. Watters W. V. McCarty	261.60	.55	
Curtis Canal Company	1915	Right	6S	24E	12	NW¼ NW¼	Curtis Canal	22.10	Tracts described below: 10.00 5S 24E 20 NE¼ NW¼ 8.90 5S 24E 28 SE¼ NW¼ 3.20 5S 24E 28 NE¼ SW¼	Graham	Ownership data as below: C. E. Ferrin R. O. Rapiar	132.60	.28	
Smithville Canal Company	1915	Left	6S	25E	35	SE¼ NE¼	Smithville Canal	184.80	Tracts described below: 15.90 6S 24E 5 SW¼ NW¼ 10.00 6S 24E 5 NE¼ NW¼ 33.90 6S 24E 5 NE¼ SE¼ 23.10 6S 24E 5 NE¼ SW¼ 18.00 6S 24E 6 SE¼ SW¼	Graham	Ownership data as below: C. J. McHenry M. Frank Curtis C. J. McHenry A. O. Mack	1108.80	2.31	

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Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right			
		Side of stream	Location			Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.					Sec.	Subdivision		Indi-vid-ual
Curtis Canal Company Fort Thomas Consolidated Canal Company	1914	Right	6S	24E	12	NW¼ NW¼	28	NW¼ NW¼	Graham	J. D. Busby	8.40	.02
	1914	Left	6S	24E	4	NE¼ NW¼	Tracts described below: 4S 23E 35 NE¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼ 4S 23E 35 SW¼ SW¼	Graham	Ownership data as below: William O. Tyler Pablo Barola L. J. Brown, Jr. Mrs. Clara Hinton A. A. Smith L. J. Brown, Jr. Oscar Tyler Charles M. Layton	27.00 4.80 18.00 9.00 10.20 198.00 42.60 144.60	452.20	.06 .01 .04 .02 .02 .39 .08 .30
	1914	Left	6S	25E	20	NE¼ NW¼	Tracts described below: 5S 23E 11 NE¼ SW¼ 5S 23E 23 NW¼ NE¼ 5S 24E 30 NE¼ NW¼ 5S 24E 30 SE¼ NW¼	Graham	Ownership data as below: W. H. Roach Sam Henry A. E. Weech " " " " " "	98.60 231.60 1.20 77.40	408.80	.20 .48 .01 .16
Graham Canal Company	1914	Right	7S	26E	9	NE¼ NW¼	Tracts described below: 6S 24E 2 NE¼ SW¼ 6S 24E 2 SE¼ SW¼ 6S 24E 2 SW¼ SW¼ 6S 24E 16 NE¼ SE¼ 6S 24E 16 NE¼ SE¼ 6S 24E 16 NW¼ SE¼ 6S 24E 16 SW¼ SE¼	Graham	Ownership data as below: Joseph Moyes Lottie W. Layton & Zeb Leon A. O. Lannocaro, Jr. Wilfred Peterson George Sanders Wilfred Peterson	26.60 49.20 201.00 48.60 8.40 7.80 52.80 172.20	587.60	.08 .08 .42 .10 .02 .02 .11 .36
	1914	Left	7S	26E	18	SE¼ NW¼	30	NW¼ NW¼	Graham	P. H. Teiple	102.00	.21
	1914	Left	7S	31E	21	SE¼ NW¼	Tracts described below: 7S 31E 21 SE¼ NW¼ 7S 31E 21 NE¼ SW¼	Greenlee	Ownership data as below: H. Albert & W. Bleimstein	37.80 15.00	52.80	.08 .03
Valley Canal Company	1914	Right	19S	21W	4	NE¼ NW¼	Tracts described below: 8S 31E 11 SW¼ NE¼ 8S 31E 11 NE¼ NE¼ 8S 31E 11 NW¼ SE¼ 8S 31E 12 SE¼ NW¼ 8S 31E 12 NE¼ SW¼ 8S 31E 12 NW¼ SW¼	Greenlee	Ownership data as below: J. L. T. Walters " " " " " " " " " " " " W. V. McCarty " " " " " "	23.40 46.20 31.20 40.20 58.20 62.40	261.60	.05 .10 .07 .08 .12 .13
	1915	Right	6S	24E	12	NW¼ NW¼	Tracts described below: 6S 24E 20 NE¼ NW¼ 6S 24E 28 SE¼ NW¼ 6S 24E 28 NE¼ SW¼	Graham	Ownership data as below: C. E. Perrin B. O. Rapier " " " " " "	60.00 53.40 19.20	132.60	.13 .11 .04
	1915	Left	6S	25E	35	SE¼ NE¼	Tracts described below: 6S 24E 5 SW¼ NE¼ 6S 24E 5 NE¼ NW¼ 6S 24E 5 NW¼ SE¼ 6S 24E 5 NE¼ SW¼ 6S 24E 6 SE¼ SW¼	Graham	Ownership data as below: C. J. McSherry Mrs. Frank Curtis C. J. McSherry A. O. Mack A. O. Mack	95.40 60.00 203.40 188.60 108.00	1108.80	.20 .13 .42 .29 .23

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Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right					
		Side of stream	Location			Number of acres	Description		County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.	
			Twp.	Rge.			Sec.	Subdivision			Twp.	Rge.		Sec.
Nevada Consolidated Copper Company	1916	Left	5S	15E	16	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Vanu Ditch	70.00	Tracts described below: 4S 15E 7 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 5S 15E 8 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 15E 17 NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Pinal	Ownership data as below: (Nevada Consolidated Copper Company)	60.00	420.00	12
												180.00		38
												180.00		38
Fort Thomas Consolidated Canal Company	1916	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Fort Thomas Consolidated Canal	42.00	Tracts described below: 4S 23E 19 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 5S 24E 19 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Graham	Ownership data as below: J. N. Holyoak M. P. Tryon	18.00	252.00	04
												23.00		49
												23.00		49
Dodge-Nevada Canal Company	1916	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	74.30	Tracts described below: 5S 24E 30 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 24E 30 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 24E 30 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 24E 30 SW $\frac{1}{4}$ SE $\frac{1}{4}$	Graham	Ownership data as below: Dan Young L. A. Adams Dan Young	189.60	445.80	39
												240.00		68
												13.00		01
Graham Canal Company	1916	Right	7S	26E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham Canal	19.00	Tracts described below: 6S 25E 26 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 26 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 35 SW $\frac{1}{4}$ NW $\frac{1}{4}$	Graham	Ownership data as below: Joseph Howard & J. M. Howard L. S. Brasam	75.00	114.00	16
												39.00		08
												60.00		13
Union Canal Company	1916	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	10.00	Tracts described below: 8S 32E 21 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$	Greenlee	Ownership data as below: J. C. Burleson	120.60	172.80	25
												52.20		11
Copper & Windham Extension Canal Company. Under contract whereby Copper & Windham Ditch makes actual diversion.	1916	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Copper & Windham Ditch	28.80	Tracts described below: 8S 32E 21 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 8S 32E 21 SW $\frac{1}{4}$ SE $\frac{1}{4}$	Greenlee	Ownership data as below: J. C. Burleson	120.60	172.80	25
												52.20		11
C. C. Hester	1916	Left	6S	31E	19	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Pumping Plant Direct	4.30	Tracts described below: 6S 31E 19 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 6S 31E 19 SW $\frac{1}{4}$ SE $\frac{1}{4}$	Greenlee	Ownership data as below: C. C. Hester	21.00	25.80	04
												4.80		01
Union Canal Company	1917	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Union Canal	31.00	Tracts described below: 6S 24E 41 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 24E 23 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 24E 23 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 24E 24 SW $\frac{1}{4}$ NW $\frac{1}{4}$	Graham	Ownership data as below: H. G. Boyle F. H. Holiday H. G. Boyle G. B. Macy	12.00	189.60	03
												60.60		13
												108.00		22
Dodge-Nevada Canal Company	1917	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Dodge-Nevada Canal	165.50	Tracts described below: 5S 23E 14 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 23E 14 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 5S 23E 23 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 5S 23E 24 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 5S 23E 24 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 5S 24E 19 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 24E 5 SE $\frac{1}{4}$ NE $\frac{1}{4}$	Graham	Ownership data as below: W. H. Roach W. A. Pelt Gilbert Richardson " " " " Martha McElroy	194.40	633.00	40
												46.50		10
												165.20		34
												67.20		14
												73.20		15
												79.80		17
												9.00		02

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Diversion right																																							
		Side of stream	Location			Description	County	Parties owning said lands when jurisdiction acquired herein	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.																																					
			Twp.	Rge.					Sec.	Subdivision		Indi-vid-ual	Total	Indi-vid-ual	Total																																	
Fort Thomas Consolidated Canal Company	1917	Left	6S	24E	4 NE¼ NW¼	Fort Thomas Consolidated Canal	Number of acres	46.50	Tracts described below:	4S	23E	19	NE¼ SE¼	Graham	Ownership data as below: William H. Holyoak Y. N. Holyoak William H. Holyoak Edgar H. Chesley School District #31, County of Graham, State of Arizona Edgar H. Chesley Mrs. Clara Hinton	31.20	279.00	.08																														
										5.30	23E	20	NW¼ SW¼																																			
										9.30	23E	20	NW¼ SW¼																																			
										6.50	4S	23E	20						NW¼ SW¼																													
										6.30	4S	23E	28						NW¼ SW¼																													
										6.30	4S	23E	29						NE¼ NE¼																													
										2.50	4S	23E	28						SW¼ SW¼																													
										8.30	4S	23E	29						SE¼ SW¼																													
										1.00	4S	23E	35						NW¼ SW¼																													
										Montezuma Canal Company	1917	Left	7S						27E	17 NE¼ NE¼	Montezuma Canal	Number of acres	21.50	Tracts described below:	7S	25E	11	SW¼ SE¼	Graham	Ownership data as below: (Sarah L. Richardson and { Rebecca J. Richardson	9.00	129.00	.02															
1.50	7S	25E	11	SW¼ SE¼																																												
Smithville Canal Company	1917	Left	6S	25E	35 SW¼ NE¼	Smithville Canal	Number of acres	20.00	Tracts described below:					7S	25E	11	SW¼ SE¼	Graham							Leo Keiffer	120.00	.25																					
														2.00	6S	24E	10											NW¼ SE¼																				
														Graham Canal Company	1917	Right	7S											26E						9 NE¼ NW¼	Graham Canal	Number of acres	133.40	Tracts described below:	6S	24E	2	SE¼ SE¼	Graham	Ownership data as below: D. Rapet Jesse A. Hancock Guy W. Lamoreaux E. D. Howard Pratt Stewart John Nulton Jerome Walker W. H. Spafford Alma Peterson Jerome Walker	177.00	800.40	.37	
																																							29.60	6S	24E	2						SE¼ NE¼
																																							2.60	6S	24E	3						SE¼ NE¼
																																							17.50	6S	24E	3						SE¼ NE¼
																																							8.20	6S	25E	7						SW¼ NE¼
																																							16.00	6S	25E	22						NE¼ SE¼
										14.60	6S	25E	22						SE¼ SE¼																													
										2.80	6S	25E	26						SW¼ NE¼																													
2.20	6S	25E	26	SE¼ NW¼																																												
8.90	6S	25E	26	NE¼ NE¼																																												
5.60	6S	25E	36	NW¼ NW¼																																												
4.10	6S	25E	36	SW¼ NW¼																																												
4.60	6S	25E	36	SW¼ NW¼																																												
1.90	6S	25E	36	SE¼ NW¼																																												
7.70	6S	25E	36	SE¼ NW¼																																												
7.20	6S	25E	36	SE¼ NW¼																																												
Curtis Canal Company	1917	Right	6S	24E	12 NW¼ NW¼	Curtis Canal	Number of acres	21.40	Tracts described below:	5S	24E	7	NE¼ SE¼	Graham	Ownership data as below: M. P. McEuen Lee L. Fainer	104.80	128.40	.22																														
										17.80	5S	24E	33						NW¼ NE¼																													
										3.60	5S	24E	33						NW¼ NE¼																													
										T. D. Burton	1917	Right	4S						23E	26 SE¼ SW¼	Pumping Plant Direct	Number of acres	40.30	Tracts described below:	4S	23E	26	NE¼ SW¼	Graham	Ownership data as below: T. D. Burton " " " " " "	39.60	241.80	.08															
																									6.60	4S	23E	26						NW¼ SW¼														
																									22.40	4S	23E	26						SE¼ SW¼														
																									22.60	4S	23E	26						SE¼ SW¼														
																									10.70	4S	23E	26						SE¼ SW¼														
																									Moddle Canal Company	1917	Left	19S						21W	11 NW¼ SE¼	Moddle Canal	Number of acres	6.60	Tracts described below:	2S	32E	34	SW¼ SE¼	Greenlee	Ownership data as below: R. C. Moore Amos F. Fearn	7.20	39.60	.16
																																								1.20	2S	32E	34					
1.10	9S	32E	3	NE¼ SW¼																																												
4.30	9S	32E	3	NW¼ SW¼																																												
Valley Canal Company	1917	Right	19S	21W	4 NW¼ NW¼	Valley Canal	Number of acres	10.10	Tracts described below:					8S	31E	12	SW¼ SE¼	Greenlee																						Ownership data as below: Nance E. Ragdale & Margaret I. Ragdale	6.60	60.60	.13					
										10.10	8S	31E	12	SW¼ SE¼																																		

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																									
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac-ft.	Maximum rate of diversion in cu. ft. per sec.	Total																						
			Twp.	Rge.			Sec.	Subdivision					Indi-vid-ual	Total	Indi-vid-ual	Total																			
Colmenero Canal Company	1917	Right	8S	31E	11	NW¼ SE¼	Tracts described below: 7S 31E 21 SE¼ NE¼ 7S 31E 21 SE¼ NW¼	Greenlee	Ownership data as below: Roy D. Williams	54.60	.02	.12																							
													R. C. Gilliland	1917	Right	6S	30E	1	NE¼ SE¼	Greenlee	Ownership data as below: R. C. Gilliland	108.60	.05	.23											
																									J. W. Foote	1917	Right	6S	31E	6	SW¼ SW¼	Greenlee	Ownership data as below: J. W. Foote	37.20	.08
Cooper & Windham Canal Company	1917	Right	19S	21W	11	NW¼ SE¼	Tracts described below: 18S 21W 31 NE¼ NE¼ 18S 21W 31 NE¼ NW¼ 18S 21W 32 NE¼ SE¼ 18S 21W 32 NE¼ NW¼ 18S 21W 33 NE¼ SE¼ 18S 21W 33 NE¼ NW¼ 18S 21W 34 NE¼ SE¼ 18S 21W 34 NE¼ NW¼	Hidalgo	Ownership data as below: Randall Lunt, Administrator of the Estate of Jasper Gale, deceased R. W. Brooks Peter Wabline A. C. Gruwel R. H. Lunt G. V. Lunt E. C. Davidson A. C. Gruwel George H. Cooper, Jr., Administrator of the estate of George Cooper, deceased.	585.60	.04	1.22																							



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right														
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.												
			Twp.	Rge.			Sec.	Subdivision			Indi-vid-ual	Total		Indi-vid-ual	Total										
Colmenero Canal Company	1917	Right	8S	31E	11	NW¼ SE¼	Colmenero Canal	9.10	Tracts described below:	Greenlee	Ownership data as below: Roy D. Williams	54.60	.12												
								1.00	7S 31E 21 SE¼ NE¼																
								8.10	7S 31E 21 SE¼ NW¼																
								8.10	7S 31E 21 SE¼ NW¼																
R. C. Gilliland	1917	Right	6S	30E	1	NE¼ SE¼	Pumping Plant direct	18.10	Tracts described below:	Greenlee	Ownership data as below: R. C. Gilliland	108.60	.23												
								4.00	6S 30E 1 NE¼ SW¼																
								14.10	6S 30E 1 NW¼ SE¼																
J. W. Foote	1917	Right	6S	31E	6	SW¼ SW¼	Pumping Plant	6.20	6S 31E 6 SW¼ SW¼	Greenlee	J. W. Foote	37.20	.08												
								258.20	Tracts described below:																
Sunset Canal Company	1917	Right	18S	20W	21	SW¼ NW¼	Sunset Canal	8.70	18S 21W 21 SW¼ NW¼	Hidalgo	Ownership data as below: R. J. McLaren Hans Mortensen M. M. Alfred & W. J. Mablin Kenley F. Merrill R. V. Whipple * * * P. L. Lunt E. C. Payne * * * G. Q. Payne * * * Mrs. T. M. Williamson Anna H. Lunt John B. Jones Fenley F. Merrill H. Grady Orson A. Merrill Church of Jesus Christ of Latter Day Saints, J. E. Payne, trustee Mary Jane Jones * * * * * *	1537.20	3.20												
								8.70	18S 21W 21 SW¼ NE¼																
								7.50	18S 21W 21 NE¼ SE¼																
								7.50	18S 21W 21 NE¼ SE¼																
								12.20	18S 21W 21 NE¼ SE¼																
								7.80	18S 21W 21 SW¼ NE¼																
								10.80	18S 21W 21 NE¼ SE¼																
								3.80	18S 21W 21 NE¼ NW¼																
								3.00	18S 21W 21 SW¼ NW¼																
								12.70	18S 21W 21 SE¼ NW¼																
								9.90	18S 21W 21 NE¼ SW¼																
								12.60	18S 21W 21 NE¼ SE¼																
								1.70	18S 21W 21 SE¼ SE¼																
								7.30	18S 21W 21 NE¼ SE¼																
								8.40	18S 21W 21 SE¼ SW¼																
								9.20	18S 21W 21 SE¼ SW¼																
								12.00	18S 21W 21 SW¼ NW¼																
								7.10	18S 21W 21 SW¼ NW¼																
								27.90	18S 21W 21 SW¼ NW¼																
								18.60	18S 21W 21 SW¼ NW¼																
								3.40	18S 21W 21 SW¼ NW¼																
								1.40	18S 21W 21 SW¼ NE¼																
								8.10	18S 21W 21 SE¼ NE¼																
								1.60	18S 21W 21 NE¼ SE¼																
								7.70	18S 21W 21 NE¼ SE¼																
								97.60	Tracts described below:																
								2.90	18S 21W 31 Lot 2																
								Cooper & Windham Canal Company	1917					Right	18S	21W	11	NW¼ SE¼	Cooper & Windham Canal	13.10	18S 21W 32 NE¼ NW¼	Hidalgo	Ownership data as below: Randal Lunt, Administrator of the Estate of Jasper Gale, deceased R. W. Brooks * * * Peter Washline A. C. Gruwell R. H. Lunt G. V. Lunt E. G. Davidson A. C. Gruwell George H. Cooper, Jr., Administrator of the estate of George Cooper, deceased.	585.60	1.22
																				17.30	18S 21W 32 SW¼ NW¼				
																				14.60	18S 21W 32 SW¼ SW¼				
																				1.70	18S 21W 32 SE¼ SE¼				
																				25.30	18S 21W 33 SW¼ SE¼				
																				17.80	18S 21W 33 NW¼ SE¼				
																				2.00	18S 21W 33 SE¼ SW¼				
2.40	18S 21W 33 SW¼ SW¼																								
2.40	18S 21W 33 SW¼ NW¼																								
2.40	18S 21W 33 SW¼ NE¼																								
2.40	18S 21W 33 SW¼ NE¼																								

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right	
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision				
Union Canal Company	1918	Left	7S	27E	18	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 6S 24E 14 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 30 SE $\frac{1}{4}$ NE $\frac{1}{4}$	Graham	W. A. Carter, Jr. C. M. Beal	Indi-vid-ual	90.80	.18
										Total	114.60	
Dodge-Nevada Canal Company	1918	Left	6S	25E	20	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 5S 23E 11 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 5S 23E 14 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 5S 23E 24 NE $\frac{1}{4}$ NW $\frac{1}{4}$	Graham	Forest Gilliland G. J. Hatch	Indi-vid-ual	22.20	.05
										Total	72.00	
Fort Thomas Consolidated Canal Company	1918	Left	6S	24E	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 5S 23E 2 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 5S 23E 2 NW $\frac{1}{4}$ SE $\frac{1}{4}$	Graham	L. W. Smith	Indi-vid-ual	148.80	.31
										Total	160.80	
Graham Canal Company	1918	Right	7S	20E	9	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 6S 25E 7 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 25E 7 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 7 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 6S 25E 8 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 8 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 25E 8 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 25E 17 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Graham	Ownership data as below: Thomas McGuire John L. Hoopes George O. Peck A. J. Bryson R. D. Lamoreaux John C. Casper J. I. Palmer	Indi-vid-ual	76.80	.16
										Total	455.40	
Casper & Windham Extension Canal Company. Under contract whereby Casper & Windham Ditch makes actual diversion.	1918	Right	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 6S 32E 27 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 32E 27 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 32E 27 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 32E 27 SE $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 32E 27 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 32E 28 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 32E 28 SW $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 32E 28 NW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	Ownership data as below: J. M. Gilliland " " " " Edward Lunt Emil Girard " "	Indi-vid-ual	1.20	.01
										Total	372.00	
Valley Canal Company	1918	Right	19S	21W	4	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 6S 32E 28 NW $\frac{1}{4}$ NE $\frac{1}{4}$ 6S 32E 28 SW $\frac{1}{4}$ NE $\frac{1}{4}$	Greenlee	Emil Girard	Indi-vid-ual	34.80	.07
										Total	51.60	
Moddle Canal Company	1918	Left	19S	21W	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Tracts described below: 6S 32E 29 SW $\frac{1}{4}$ SW $\frac{1}{4}$ 6S 32E 32 NW $\frac{1}{4}$ SW $\frac{1}{4}$	Greenlee	Ownership data as below: Nellie R. Hoch C. C. Passmore	Indi-vid-ual	6.00	.01
										Total	24.00	
J. W. Foote	1918	Right	6S	31E	7	N $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 6S 31E 7 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 6S 31E 7 NW $\frac{1}{4}$ NW $\frac{1}{4}$	Greenlee	Ownership data as below: J. W. Foote	Indi-vid-ual	21.60	.04
										Total	38.00	
R. Sexton	1918	Right	7S	31E	16	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Tracts described below: 7S 31E 9 SE $\frac{1}{4}$ SW $\frac{1}{4}$	Greenlee	R. Sexton	Indi-vid-ual	17.40	.04
										Total	45.00	



Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			Parties owning said lands when jurisdiction acquired herein	Diversion right																																																																																
		Side of stream	Location			Number of acres	Description			County	For irrigation season in ac.-ft.		Maximum rate of diversion in cu. ft. per sec.																																																																													
			Twp.	Rge.			Sec.	Subdivision			Incl. Total	Total																																																																														
Montezuma Canal Company	1919	Left	7S	27E	17	NE¼ NW¼	Tracts described below: 7S 25E 10 NE¼ NW¼ 7S 25E 13 SE¼ SE¼ 7S 25E 13 NE¼ SE¼ 7S 26E 14 NE¼ NW¼ 7S 26E 14 NW¼ NW¼ 7S 26E 14 SW¼ NW¼ 7S 26E 14 SE¼ NW¼ 7S 26E 21 NW¼ SW¼	Graham	Ownership data as below: J. A. Farley Elam Olsen Edward M. Claridge " " " " " " " " William Ellsworth	484.80	18.00 108.00 45.60 60.00 72.00 115.20 54.00 12.00	.04 .22 .10 .13 .14 .24 .11 .03																																																																														
													Brown Canal Company	1919	Right	6S	28E	30	SE¼ SE¼	Tracts described below: 6S 28E 31 SW¼ NE¼ 6S 28E 31 SE¼ NE¼	Graham	Ownership data as below: J. W. Earrin	142.80	23.40 119.40	.05 .25																																																																	
																										Union Canal Company	1919	Left	7S	27E	18	SE¼ NW¼	Tracts described below: 7S 26E 15 NE¼ NE¼ 7S 26E 15 NW¼ NE¼ 7S 26E 15 SW¼ NE¼ 7S 26E 15 SE¼ NE¼ 7S 26E 15 NE¼ NW¼ 7S 26E 15 SW¼ NW¼ 7S 26E 15 NW¼ NW¼	Graham	Ownership data as below: (Charles M. Pursley & Robert L. Nash	348.00	72.00 18.00 10.80 83.40 73.20 33.00 51.60	.16 .04 .03 .17 .19 .07 .11																																																				
																																							Smithville Canal Company	1919	Left	6S	25E	35	SW¼ NE¼	Tracts described below: 6S 24E 11 SE¼ SW¼ 6S 24E 14 NE¼ NW¼ 6S 24E 14 NE¼ NW¼ 6S 25E 27 NW¼ NW¼	Graham	Ownership data as below: P. A. Norton Thomas Batty R. William Bingham	272.40	50.40 28.40 39.60 156.00	.11 .06 .09 .31																																							
																																																				Dodge-Nevada Canal Company	1919	Left	6S	25E	20	NE¼ NW¼	Tracts described below: 6S 23E 14 NW¼ NE¼ 6S 23E 23 NE¼ NW¼ 6S 23E 24 SW¼ NE¼ 6S 23E 24 NE¼ SE¼ 6S 23E 25 NE¼ SE¼ 6S 24E 31 NW¼ NW¼ 6S 24E 31 SW¼ NW¼	Graham	Ownership data as below: E. P. Bryce J. L. Green Angus Maloy Forrest Gilliland Charles P. Johns Mrs. J. E. Chuff	625.80	60.00 37.80 19.20 55.80 240.00 183.60 29.40	.13 .08 .04 .12 .60 .38 .06																										
																																																																	Fort Thomas Consolidated Canal Company	1919	Left	6S	24E	4	NE¼ NW¼	Tracts described below: 6S 23E 17 SW¼ SW¼ 6S 23E 18 SE¼ NE¼ 6S 23E 13 NE¼ NE¼ 6S 23E 13 SE¼ NE¼ 6S 24E 19 NE¼ SW¼	Graham	Ownership data as below: E. W. Black J. E. Pukkipher (William Wameles & Charles Wameles David Rogers	372.00	51.00 15.00 15.00 108.00 180.00	.11 .04 .03 .23 .37													
																																																																														Graham Canal Company	1919	Right	7S	26E	9	NE¼ NW¼	Tracts described below: 6S 26E 7 SE¼ NW¼ 6S 26E 8 SE¼ SE¼ 6S 26E 17 NE¼ SW¼ 6S 26E 17 SE¼ SW¼ 6S 26E 21 NW¼ NE¼	Graham	Ownership data as below: William A. Peck William E. Bryce W. M. Blair " " " " A. T. West	147.60	33.60 30.00 12.00 12.00 60.00	.07 .06 .03 .03 .12

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired			County	Parties owning said lands when jurisdiction acquired herein	Diversion right			
		Side of stream	Location			Number of acres	Description				Total	Indi-vid-ual	Total	Maximum rate of diversion in cu. ft. per sec.
			Twp.	Rge.			Sec.	Subdivision						
Curtis Canal Company	1919	Right	Referred to G. & S. R. B. & M. or N. M. B. & M.	12	NW 1/4 NW 1/4	Curtis Canal	Tracts described below:			Graham	Ownership data as below: E. Palmer Antone Christensen A. A. Wilkins	117.60	.03	.25
							6S	24E	12					
							7S	31E	21					
Sexton Canal Company	1919	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	21	SW 1/4 SE 1/4	Sexton Canal	Tracts described below:			Greenlee	Ownership data as below: West White	152.40	.17	.32
							7S	31E	16					
							7S	31E	17					
J. W. Foote	1919	Right	Referred to G. & S. R. B. & M. or N. M. B. & M.	7	N 1/4 NW 1/4	Pumping Plant Indirect	Tracts described below:			Greenlee	Ownership data as below: J. W. Foote	33.60	.04	.07
							6S	31E	7					
							7S	27E	17					
Montezuma Canal Company	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	17	NE 1/4 NE 1/4	Montezuma Canal	Tracts described below:			Graham	Ownership data as below: Albert Gillette	60.00	.06	.12
							7S	27E	18					
							7S	27E	18					
Union Canal Company	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	18	SE 1/4 NW 1/4	Union Canal	Tracts described below:			Graham	Ownership data as below: C. E. Ferrin Charles Rogers W. E. McBride	69.00	.04	.14
							6S	25E	20					
							6S	25E	19					
Dodge-Nevada Canal Company	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	20	NE 1/4 NW 1/4	Dodge-Nevada Canal	Tracts described below:			Graham	Ownership data as below: J. L. Green J. R. Naiton Gilbert Richardson Mrs. J. E. Cluff	469.80	.18	.98
							6S	23E	23					
							6S	23E	24					
Fort Thomas Consolidated Canal Company	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	4	NE 1/4 NW 1/4	Fort Thomas Consolidated Canal	Tracts described below:			Graham	Ownership data as below: E. W. Hieck George P. Ballard William O. Tyler	316.20	.03	.66
							6S	23E	19					
							6S	23E	20					
Graham Canal Company	1920	Right	Referred to G. & S. R. B. & M. or N. M. B. & M.	9	NE 1/4 NW 1/4	Graham Canal	Tracts described below:			Graham	Ownership data as below: Brigham Stowell Charles Watson	69.00	.02	.14
							6S	25E	22					
							6S	25E	22					
Duncan Canal Company	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	28	NE 1/4 SW 1/4	Duncan Canal	Tracts described below:			Greenlee	Ownership data as below: J. L. T. Waters	34.80	.08	.07
							6S	32E	19					
							6S	32E	19					
Grady L. Herring	1920	Left	Referred to G. & S. R. B. & M. or N. M. B. & M.	24	SE 1/4 NW 1/4	Pumping Plant Direct	Tracts described below:			Final	Ownership data as below: Grady L. Herring	156.36	.01	.33
							6S	15E	24					
							6S	15E	24					

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Number of acres	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right		
		Side of stream	Location				Description	County	For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.				
			Twp.	Rge.								Sec.	Subdivision	Indi-vid-ual
Black & McCleskey Canal Company	1920	Left	8S 32E	19 NE¼ SE¼	Black & McCleskey Canal.	4.00	8S	31E	13 SE¼ NE¼	Greenlee	24.00		.05	
Colmenero Canal Company	1921	Right	8S 31E	11 NW¼ SE¼	Colmenero Canal.	3.90	7S	31E	21 SW¼ SE¼	Greenlee	23.40		.05	
Middle Canal Company	1921	Left	19S 21W	11 NW¼ SE¼	Middle Canal	6.30	19S	21W	3 NW¼ SW¼	Hidalgo	37.80		.08	
United States	1924	Both	4S 11E	8 NW¼	Ashurst-Hayden Diversion Dam and Florence-Casa Grande Canal, and Sacaton diversion dam.	100,546	Lands of San Carlos Project			Pinal	603,278		1256.5	
United States	1924	Channel	3S 18E	17 On San Carlos Indian Reservation.	Coolidge Dam across channel and San Carlos Storage reservoir.	100,546	Lands of San Carlos Project			Pinal	---1,285,000 capacity---			
Sunset Canal Company	1925	Right	18S 20W	21 SW¼ NW¼	Sunset Canal	2.30	18S	21W	34 SW¼ SW¼	Hidalgo	13.80		.03	
Sunset Canal Company	1926	Right	18S 20W	21 SW¼ NW¼	Sunset Canal	4.30	18S	21W	34 SE¼ SW¼	Hidalgo	28.00		.06	
Nevada Consolidated Copper Company	1926	Left	8S 15E	16 SE¼ SE¼	Vann Ditch	20.00	8S	15E	17 N¼ NE¼, NE¼ NW¼	Pinal	120.00		.25	
Middle Canal Company	1929	Left	19S 21W	11 NW¼ SE¼	Middle Canal	34.94 17.06 17.88	Tracts described below: 19S 21W 4 Lot 4 19S 21W 5 Lot 1			Hidalgo	208.64	102.36 107.28	.44	

Party entitled to divert from the stream	Date of priority	Point of diversion			Name of diverting and/or carrying structure	Lands for which right acquired				Parties owning said lands when jurisdiction acquired herein	Diversion right			
		Side of stream	Location			Number of acres	Description		County		For irrigation season in ac.-ft.	Maximum rate of diversion in cu. ft. per sec.	Total	
			Twp.	Rgs.			Sec.	Subdivision					Indi-vid-ual	Total
Black & McCleskey Canal Company	1920	Left	8S 32E	19 NE 1/4 SE 1/4	Black & McCleskey Canal.	4.00	8S 31E	13 SE 1/4 NE 1/4	Greenlee	W. W. Brooks	24.00		.05	
Colmenero Canal Company	1921	Right	8S 31E	11 NW 1/4 SE 1/4	Colmenero Canal.	3.90	7S 31E	21 SW 1/4 SE 1/4	Greenlee	Albert L. Barber	23.40		.05	
Moddle Canal Company	1921	Left	19S 21W	11 NW 1/4 SE 1/4	Moddle Canal	6.30	18S 21W	3 NW 1/4 SW 1/4	Hidalgo	G. W. Johnson	37.80		.08	
United States	1924	Both	4S 11E	8 NW 1/4	Ashurst-Hayden Diversion Dam and Florence-Casa Grande Canal, and Sacaton diversion dam.	100,548	Lands of San Carlos Project		Pinal	For full statement of this right see Article VI (4).	663,276		1258.5	
United States	1924	Channel	3S 18E	17 On San Carlos Indian Reservation.	Coolidge Dam across channel San Carlos Storage reservoir.	100,548	Lands of San Carlos Project		Pinal	For full statement of this right see Article VI (5)	—1,285,000 capacity—			
Sunset Canal Company	1925	Right	19S 20W	21 SW 1/4 NW 1/4	Sunset Canal	2.30	18S 21W	34 SW 1/4 SW 1/4	Hidalgo	Orson A. Merrill	13.80		.03	
Sunset Canal Company	1926	Right	19S 20W	21 SW 1/4 NW 1/4	Sunset Canal	4.30	18S 21W	34 SE 1/4 SW 1/4	Hidalgo	E. C. Payne	28.00		.06	
Nevada Consolidated Copper Company	1928	Left	5S 15E	16 SE 1/4 SE 1/4	Vann Ditch	20.00	5S 15E	17 N 1/4 NE 1/4, NE 1/4 NW 1/4	Pinal	Nevada Consolidated Copper Company	120.00		.25	
Moddle Canal Company	1929	Left	19S 21W	11 NW 1/4 SE 1/4	Moddle Canal	34.94 17.06 17.88	Tracts described below: 19S 21W 4 Lot 4 19S 21W 5 Lot 1		Hidalgo	Ownership data as below: Amanda Nations	209.64 102.38 107.28		.44	

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities antedating 1905

Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.
	Description						Description				
	Twp.	Rge.	Sec.				Twp.	Rge.	Sec.		
4.0	7S	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Niata Lindsey	28.6	7S	25E	13	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Marion Lee
6.7	7S	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	J. A. Farley	7.0	7S	25E	13	NW $\frac{1}{4}$ NW $\frac{1}{4}$	W. W. Wild
8.7	7S	25E	10	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher	18.9	7S	25E	13	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Alex Layton
11.4	7S	25E	10	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Roy A. Layton	18.5	7S	25E	13	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. D. Lee
28.8	7S	25E	10	NW $\frac{1}{4}$ NE $\frac{1}{4}$	A. A. Allied	12.0	7S	25E	13	SE $\frac{1}{4}$ NW $\frac{1}{4}$	George Killian
4.2	7S	25E	10	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Town of Thatcher	2.2	7S	25E	13	NE $\frac{1}{4}$ SW $\frac{1}{4}$	J. L. Freeman
16.0	7S	25E	10	SE $\frac{1}{4}$ NE $\frac{1}{4}$	(Frank V. Beers, Administra-tor of the Estate of R. H. Beers, deceased)	4.8	7S	25E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Mrs. Belle Morris
4.5	7S	25E	10	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Town of Thatcher	1.3	7S	25E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Ethan Olsen
39.0	7S	25E	11	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	4.1	7S	25E	13	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Ashel Clifford
39.0	7S	25E	11	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"	1.1	7S	25E	13	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Alex Layton
39.0	7S	25E	11	NW $\frac{1}{4}$ NW $\frac{1}{4}$	"	1.1	7S	25E	13	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Albert Gillespie
3.0	7S	25E	11	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"	4.9	7S	25E	13	SW $\frac{1}{4}$ NW $\frac{1}{4}$	William H. Gillespie
8.0	7S	25E	11	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"	16.7	7S	25E	13	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James Gillespie
3.9	7S	25E	11	NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	9.0	7S	25E	13	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Shell Gillespie
1.7	7S	25E	11	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Evans Coleman Railroad Company	25.0	7S	25E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$	James Gillespie
16.0	7S	25E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Arizona Eastern Railroad	15.0	7S	25E	13	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Shell Gillespie
2.1	7S	25E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Town of Thatcher	20.9	7S	25E	13	NW $\frac{1}{4}$ SW $\frac{1}{4}$	William H. Gillespie
2.2	7S	25E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Evans Coleman	19.1	7S	25E	13	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Charles Books
3.1	7S	25E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Spence C. Heywood	30.4	7S	25E	13	NW $\frac{1}{4}$ SW $\frac{1}{4}$	James Gillespie
10.6	7S	25E	11	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Guy W. Lamoreaux	12.8	7S	25E	13	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Shell Gillespie
1.4	7S	25E	11	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Evans Coleman	30.9	7S	25E	13	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Edward L. Gillespie
1.4	7S	25E	11	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Kimball Maxham	4.2	7S	25E	13	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Albert Gillespie
1.2	7S	25E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Davidael Ellsworth	20.3	7S	25E	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Edward L. Gillespie
9.5	7S	25E	12	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Edward M. Claridge	33.7	7S	25E	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Edward L. Gillespie
19.0	7S	25E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher	5.1	7S	25E	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Edward M. Claridge
7.6	7S	25E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. Sarah S. Elmer	24.8	7S	25E	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$	"
5.9	7S	25E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Edward M. Claridge	13.7	7S	25E	14	NE $\frac{1}{4}$ NE $\frac{1}{4}$	"
3.3	7S	25E	12	SW $\frac{1}{4}$ NW $\frac{1}{4}$	S. V. Pollock	40.0	7S	25E	14	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"
6.2	7S	25E	12	SE $\frac{1}{4}$ NW $\frac{1}{4}$	C. N. Motes	30.0	7S	25E	14	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"
36.9	7S	25E	12	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Isabelle Pace	2.5	7S	25E	14	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
21.9	7S	25E	12	NW $\frac{1}{4}$ SW $\frac{1}{4}$	S. L. Johns & D. L. Johns	19.8	7S	25E	14	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
2.0	7S	25E	12	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher	31.0	7S	25E	14	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
2.7	7S	25E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Arizona Eastern Railroad Company	38.7	7S	25E	14	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
1.5	7S	25E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$	S. L. Johns & D. L. Johns	34.2	7S	25E	14	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"
4.5	7S	25E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Isabelle Pace	37.0	7S	25E	14	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
15.2	7S	25E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$	M. Mortensen	35.2	7S	25E	14	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
11.0	7S	25E	12	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Evans Coleman	35.6	7S	25E	14	NE $\frac{1}{4}$ SE $\frac{1}{4}$	"
15.3	7S	25E	12	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Davidael Ellsworth	31.2	7S	25E	14	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"
6.4	7S	25E	12	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Isabelle Pace	37.3	7S	25E	15	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. A. Johns & L. A. Johns
5.4	7S	25E	12	SE $\frac{1}{4}$ SW $\frac{1}{4}$	M. Mortensen	29.2	7S	25E	15	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Charles M. Punsley and Robert L. Nash
2.4	7S	25E	12	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Mrs. Isabelle Pace	24.5	7S	25E	15	NW $\frac{1}{4}$ SE $\frac{1}{4}$	N. W. Stevenson
17.8	7S	25E	12	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Davidael Ellsworth	27.7	7S	25E	15	SW $\frac{1}{4}$ SE $\frac{1}{4}$	John W. Morris
25.9	7S	25E	13	NW $\frac{1}{4}$ NE $\frac{1}{4}$	R. G. Layton, Jr.	23.1	7S	25E	15	SW $\frac{1}{4}$ NE $\frac{1}{4}$	J. T. Owens, Jr.
12.0	7S	25E	13	SW $\frac{1}{4}$ NE $\frac{1}{4}$	J. D. Lee	11.2	7S	25E	16	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Lawrence Fuller
20.0	7S	25E	13	SW $\frac{1}{4}$ NE $\frac{1}{4}$	W. H. Clifford	31.2	7S	25E	16	SE $\frac{1}{4}$ NW $\frac{1}{4}$	F. Chendilla
23.8	7S	25E	13	SW $\frac{1}{4}$ NE $\frac{1}{4}$	L. B. Seattett	4.1	7S	25E	16	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Tom Aranda
7.7	7S	25E	13	SE $\frac{1}{4}$ NE $\frac{1}{4}$	R. H. Ferguson	2.9	7S	25E	16	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
19.2	7S	25E	13	NE $\frac{1}{4}$ NW $\frac{1}{4}$	W. H. Clifford						
18.9	7S	25E	13	NE $\frac{1}{4}$ NW $\frac{1}{4}$	George Killian						
					J. D. Lee						

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities antedating 1905

Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.
	Description						Description				
	Twp.	Rge.	Sec.				Twp.	Rge.	Sec.		
17.0	7S	26E	16	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Lawrence Fuller	17.0	7S	26E	16	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Lawrence Fuller
6.5	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	L. A. Nelson	26.5	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	L. A. Nelson
26.0	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Lawrence Fuller	26.0	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Lawrence Fuller
36.8	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"	36.8	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"
37.6	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Henry Clifford, Sr.	37.6	7S	26E	16	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Henry Clifford, Sr.
7.2	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"	7.2	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"
23.8	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	L. A. Nelson	23.8	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	L. A. Nelson
29.1	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Thomas Blake	29.1	7S	26E	16	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Thomas Blake
14.4	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	O. E. Owens	14.4	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	O. E. Owens
7.0	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	"	7.0	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	"
3.3	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Hugh Foester	3.3	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Hugh Foester
1.9	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	L. A. Nelson	1.9	7S	26E	16	NW $\frac{1}{4}$ SE $\frac{1}{4}$	L. A. Nelson
33.8	7S	26E	16	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Hugh Foester	33.8	7S	26E	16	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Hugh Foester
11.0	7S	26E	16	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Ramon Gama	11.0	7S	26E	16	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Ramon Gama
1.4	7S	26E	16	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Pedro Ruiz	1.4	7S	26E	16	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Pedro Ruiz
15.9	7S	26E	16	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Josquin Padilla	15.9	7S	26E	16	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Josquin Padilla
1.1	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Austin Evans	1.1	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Austin Evans
5.5	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	C. S. Conway, Administrator of the Estate of F. W. Hays, deceased.	5.5	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	C. S. Conway, Administrator of the Estate of F. W. Hays, deceased.
21.2	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Austin Evans	21.2	7S	26E	17	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Austin Evans
8.1	7S	26E	17	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Safford	8.1	7S	26E	17	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Safford
10.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	10.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
1.7	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	1.7	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
1.5	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"	1.5	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
3.2	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	George P. Jacobson	3.2	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	George P. Jacobson
2.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Ira N. Kempton	2.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Ira N. Kempton
2.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Corra Kruger	2.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Corra Kruger
10.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Wilson	10.0	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Wilson
0.3	7S	26E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Clarence Seacraft	0.3	7S</				



TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

Num-ber of acres	Lands				Ownership	Num-ber of acres	Lands				Ownership
	Description						Description				
	Twp.	Rge.	Sec.	Subdivision			Twp.	Rge.	Sec.	Subdivision	
0.7	7S	26E	17	NE¼ SW¼	G. L. Crawford	1.0	7S	26E	18	NW¼ NE¼	Mrs. G. R. Young and David L. Ridgeway.
2.2	7S	26E	17	NE¼ SW¼	John West	13.4	7S	26E	18	SW¼ NE¼	William N. Beebe
1.8	7S	26E	17	NE¼ SW¼	H. P. D. Walker	1.8	7S	26E	18	SW¼ NE¼	D. W. Cheney
0.8	7S	26E	17	NE¼ SW¼	C. D. Walker	4.7	7S	26E	18	SW¼ NE¼	J. W. Greenhalgh
2.0	7S	26E	17	NE¼ SW¼	Adam Walker	13.0	7S	26E	18	SW¼ NE¼	County of Graham, State of Arizona.
1.1	7S	26E	17	NE¼ SW¼	Gratz D. Brown	2.4	7S	26E	18	SW¼ NE¼	Martin Jacobson
1.2	7S	26E	17	NE¼ SW¼	George Burrell	10.0	7S	26E	18	SE¼ NE¼	Toran of Safford
1.1	7S	26E	17	NE¼ SW¼	Epiphanius Larson	4.1	7S	26E	18	SE¼ NE¼	Mrs. Martha Skinner
1.2	7S	26E	17	NE¼ SW¼	Safford School District #1, County of Graham, State of Arizona.	4.1	7S	26E	18	SE¼ NE¼	J. H. Bingham
1.9	7S	26E	17	NE¼ SW¼	Lee N. Skaton, Administrator of the Estate of Mrs. W. A. Bell, deceased.	1.9	7S	26E	18	SE¼ NE¼	I. Bingham
1.1	7S	26E	17	NE¼ SW¼	Nephi Williams	2.7	7S	26E	18	SE¼ NE¼	Lesser Bingham
1.1	7S	26E	17	NE¼ SW¼	Charles Burrell	9.0	7S	26E	18	SE¼ NE¼	Mary Jacobson
1.3	7S	26E	17	NW¼ SW¼	John West	19.2	7S	26E	18	NW¼ SW¼	Mary Lorraine Birdno
0.8	7S	26E	17	NW¼ SW¼	E. P. Sturmer	25.9	7S	26E	18	NW¼ SW¼	Mildred B. Larson
1.1	7S	26E	17	NW¼ SW¼	Dan Williams	15.6	7S	26E	18	NW¼ SW¼	C. O. Larson
1.1	7S	26E	17	NW¼ SW¼	Fannie Bailey	8.7	7S	26E	18	NW¼ SW¼	Eliam Olson
1.1	7S	26E	17	NW¼ SW¼	R. L. McAlister	17.9	7S	26E	18	NW¼ SW¼	Charles E. Freestone
1.1	7S	26E	17	NW¼ SW¼	J. W. N. Scarlett	19.8	7S	26E	18	NW¼ SW¼	M. G. Montierth
1.8	7S	26E	17	NW¼ SW¼	C. F. Sale	30.8	7S	26E	18	NW¼ SW¼	Aeshel Clifford
4.1	7S	26E	17	NW¼ SW¼	J. F. Rhinehart	1.1	7S	26E	18	NW¼ SW¼	M. C. Montierth
1.2	7S	26E	17	NW¼ SW¼	Sarah E. Reed	13.1	7S	26E	18	NW¼ SW¼	J. W. N. Scarlett
3.7	7S	26E	17	NW¼ SW¼	John Bibby	12.5	7S	26E	18	NW¼ SW¼	Pyrum Bingham
4.4	7S	26E	17	NW¼ SW¼	Austin Evans	2.7	7S	26E	18	NW¼ SW¼	H. J. Jacobson
6.7	7S	26E	17	NW¼ SW¼	J. W. A. Bennett	18.8	7S	26E	18	NW¼ SW¼	Mrs. W. R. Reed
4.4	7S	26E	17	NW¼ SW¼	Mrs. Virginia Curtis	3.9	7S	26E	18	NW¼ SW¼	James Corder
17.0	7S	26E	17	NW¼ SW¼	L. B. Scarlett	7.5	7S	26E	18	NW¼ SW¼	J. W. Greenhalgh
2.5	7S	26E	17	NW¼ SW¼	Calista B. Peel	9.5	7S	26E	18	NW¼ SW¼	F. H. Bingham
1.9	7S	26E	17	NW¼ SW¼	W. D. Cluff & Fred M. Mitchell	8.0	7S	26E	18	NW¼ SW¼	Mrs. W. R. Reed
7.9	7S	26E	17	NW¼ SW¼	William Brunsen	3.7	7S	26E	18	NW¼ SW¼	W. H. Clifford
30.0	7S	26E	17	NW¼ SW¼	John W. Morris	6.2	7S	26E	18	NW¼ SW¼	W. H. Clifford
4.0	7S	26E	17	NW¼ SW¼	R. H. Greenhalgh	12.3	7S	26E	18	NW¼ SW¼	F. E. Kirkpatrick
8.0	7S	26E	17	NW¼ SW¼	George Foote	9.5	7S	26E	18	NW¼ SW¼	Hart D. Empie
8.2	7S	26E	17	NW¼ SW¼	W. D. Spear	22.0	7S	26E	18	NW¼ SW¼	C. M. Mack
2.2	7S	26E	17	NW¼ SW¼	George Foote	15.8	7S	26E	18	NW¼ SW¼	C. M. Mack
18.2	7S	26E	17	NW¼ SW¼	Mrs. Nancy Palmer	3.9	7S	26E	18	NW¼ SW¼	H. C. Chase
2.5	7S	26E	17	NW¼ SW¼	Eliam Olson	8.1	7S	26E	18	NW¼ SW¼	Mrs. C. F. Stanley
4.3	7S	26E	17	NW¼ SW¼	Mrs. H. E. Warner	6.1	7S	26E	18	NW¼ SW¼	John R. Davidson
2.0	7S	26E	17	NW¼ SW¼	Francis Ellsworth	2.6	7S	26E	18	NW¼ SW¼	William Ellsworth
4.4	7S	26E	17	NW¼ SW¼	Jesse B. Quinn	23.0	7S	26E	18	NW¼ SW¼	John R. Davidson
16.7	7S	26E	17	NW¼ SW¼	C. M. Mack	10.2	7S	26E	18	NW¼ SW¼	Mrs. W. R. Smith
23.0	7S	26E	17	NW¼ SW¼	Town of Safford	25.6	7S	26E	18	NW¼ SW¼	Victoriano Garcia
4.1	7S	26E	17	NW¼ SW¼	Donald Kennedy	7.8	7S	26E	18	NW¼ SW¼	Elijah Clifford
4.1	7S	26E	17	NW¼ SW¼	Myron J. Allred	14.2	7S	26E	18	NW¼ SW¼	Henry Clifford, Sr.
5.6	7S	26E	17	NW¼ SW¼	William N. Beebe	1.4	7S	26E	18	NW¼ SW¼	Elijah Clifford
2.8	7S	26E	17	NW¼ SW¼	Mrs. Francis Goodman	3.3	7S	26E	18	NW¼ SW¼	Henry Clifford
8.4	7S	26E	17	NW¼ SW¼		6.3	7S	26E	18	NW¼ SW¼	Henry Clifford
						7.1	7S	26E	18	NW¼ SW¼	Mrs. Nancy Palmer
						17.8	7S	26E	18	NW¼ SW¼	Elijah Clifford

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

Num-ber of acres	Lands				Ownership	Num-ber of acres	Lands				Ownership
	Description						Description				
	Twp.	Rge.	Sec.	Subdivision			Twp.	Rge.	Sec.	Subdivision	
13.3	7S	26E	21	NE¼ NW¼	Mrs. G. R. Young and David L. Ridgeway.	13.3	7S	26E	21	NE¼ NW¼	Mrs. Nancy Palmer
16.2	7S	26E	21	NE¼ NW¼	William N. Beebe	16.2	7S	26E	21	NE¼ NW¼	Oscar Olsen
25.2	7S	26E	21	NE¼ NW¼	D. W. Cheney	25.2	7S	26E	21	NE¼ NW¼	William Ellsworth
34.7	7S	26E	21	NE¼ NW¼	J. W. Greenhalgh	34.7	7S	26E	21	NE¼ NW¼	W. L. Nelson
30.4	7S	26E	21	NE¼ NW¼	County of Graham, State of Arizona.	30.4	7S	26E	21	NE¼ NW¼	William Ellsworth
29.4	7S	26E	21	NE¼ NW¼	Martin Jacobson	29.4	7S	26E	21	NE¼ NW¼	W. L. Nelson
7.4	7S	26E	21	NE¼ NW¼	Toran of Safford	7.4	7S	26E	21	NE¼ NW¼	William Ellsworth
35.4	7S	26E	21	NE¼ NW¼	Mrs. Martha Skinner	35.4	7S	26E	21	NE¼ NW¼	W. L. Nelson
38.0	7S	26E	21	NE¼ NW¼	J. H. Bingham	38.0	7S	26E	21	NE¼ NW¼	W. L. Nelson
30.0	7S	26E	21	NE¼ NW¼	I. Bingham	30.0	7S	26E	21	NE¼ NW¼	Fred H. Wiemer
30.3	7S	26E	21	NE¼ NW¼	Lesser Bingham	30.3	7S	26E	21	NE¼ NW¼	W. L. Nelson
1.9	7S	26E	21	NE¼ NW¼	Mary Jacobson	1.9	7S	26E	21	NE¼ NW¼	E. E. Montierth
27.6	7S	26E	21	NE¼ NW¼	Mary Lorraine Birdno	27.6	7S	26E	21	NE¼ NW¼	Elijah Clifford
7.7	7S	26E	21	NE¼ NW¼	Mildred B. Larson	7.7	7S	26E	21	NE¼ NW¼	L. A. Clifford
10.5	7S	26E	21	NE¼ NW¼	C. O. Larson	10.5	7S	26E	21	NE¼ NW¼	William Ellsworth
36.1	7S	26E	21	NE¼ NW¼	Eliam Olson	36.1	7S	26E	21	NE¼ NW¼	E. E. Montierth
6.2	7S	26E	21	NE¼ NW¼	Charles E. Freestone	6.2	7S	26E	21	NE¼ NW¼	William Ellsworth
37.7	7S	26E	21	NE¼ NW¼	M. G. Montierth	37.7	7S	26E	21	NE¼ NW¼	W. L. Nelson
39.1	7S	26E	21	NE¼ NW¼	Aeshel Clifford	39.1	7S	26E	21	NE¼ NW¼	Fred H. Wiemer
10.7	7S	26E	21	NE¼ NW¼	M. C. Montierth	10.7	7S	26E	21	NE¼ NW¼	E. E. Montierth
1.5	7S	26E	21	NE¼ NW¼	J. W. N. Scarlett	1.5	7S	26E	21	NE¼ NW¼	W. L. Nelson
26.6	7S	26E	21	NE¼ NW¼	Pyrum Bingham	26.6	7S	26E	21	NE¼ NW¼	William Ellsworth
32.6	7S	26E	21	NE¼ NW¼	H. J. Jacobson	32.6	7S	26E	21	NE¼ NW¼	W. L. Nelson
21.7	7S	26E	21	NE¼ NW¼	Mrs. W. R. Reed	21.7	7S	26E	21	NE¼ NW¼	Ben Mauier
9.0	7S	26E	21	NE¼ NW¼	James Corder	9.0	7S	26E	21	NE¼ NW¼	Maroni Larson
19.3	7S	26E	21	NE¼ NW¼	J. W. Greenhalgh	19.3	7S	26E	21	NE¼ NW¼	S. A. Merrill
30.2	7S	26E	21	NE¼ NW¼	F. H. Bingham	30.2	7S	26E	21	NE¼ NW¼	Ben Mauier
29.9	7S	26E	21	NE¼ NW¼	Mrs. W. R. Reed	29.9	7S	26E	21	NE¼ NW¼	S. A. Merrill
20.9	7S	26E	21	NE¼ NW¼	W. H. Clifford	20.9	7S	26E	21	NE¼ NW¼	Ben Mauier
12.8	7S	26E	21	NE¼ NW¼	W. H. Clifford	12.8	7S	26E	21	NE¼ NW¼	Mrs. Margaret R. Kempton
1.9	7S	26E	21	NE¼ NW¼	W. H. Clifford	1.9	7S	26E	21	NE¼ NW¼	W. T. Barney
1.8	7S	26E	21	NE¼ NW¼	W. H. Clifford	1.8	7S	26E	21	NE¼ NW¼	S. A. Merrill
2.4	7S	26E	21	NE¼ NW¼	F. E. Kirkpatrick	2.4	7S	26E	21	NE¼ NW¼	Mrs. Margaret R. Kempton
2.5	7S	26E	21	NE¼ NW¼	Hart D. Empie	2.5	7S	26E	21	NE¼ NW¼	W. S. Baker
0.3	7S	26E	21	NE¼ NW¼	C. M. Mack	0.3	7S	26E	21	NE¼ NW¼	Arthur Welker
12.0	7S	26E	21	NE¼ NW¼	William Ellsworth	12.0	7S	26E	21	NE¼ NW¼	Isaac Williamson
1.4	7S	26E	21	NE¼ NW¼	C. M. Mack	1.4	7S	26E	21	NE¼ NW¼	Arthur Welker
26.1	7S	26E	21	NE¼ NW¼	H. C. Chase	26.1	7S	26E	21	NE¼ NW¼	Ernest Motes
58.5	7S	26E	21	NE¼ NW¼	Mrs. C. F. Stanley	58.5	7S	26E	21	NE¼ NW¼	Arthur Welker
5.1	7S	26E	21	NE¼ NW¼	John R. Davidson	5.1	7S	26E	21	NE¼ NW¼	Ernest Motes
11.3	7S	26E	21	NE¼ NW¼	William Ellsworth	11.3	7S	26E	21	NE¼ NW¼	J. M. Grijalva
34.4	7S	26E	21	NE¼ NW¼	John R. Davidson	34.4	7S	26E	21	NE¼ NW¼	H. M. Merrill
7.4	7S	26E	21	NE¼ NW¼	William Ellsworth	7.4	7S	26E	21	NE¼ NW¼	J. M. Grijalva
13.4	7S	26E	21	NE¼ NW¼	John R. Davidson	13.4	7S	26E	21	NE¼ NW¼	H. M. Merrill
1.4	7S	26E	21	NE¼ NW¼	Mrs. Nancy Palmer	1.4	7S	26E	21	NE¼ NW¼	J. M. Grijalva

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

Num-ber of acres	Lands				Ownership	Num-ber of acres	Lands				Ownership
	Description						Description				
	Twp.	Rge.	Sec.	Subdivision			Twp.	Rge.	Sec.	Subdivision	
13.3	7S	26E	21	NE¼ NW¼	Mrs. G. R. Young and David L. Ridgeway.	13.3	7S	26E	21	NE¼ NW¼	Mrs. Nancy Palmer
16.2	7S	26E	21	NE¼ NW¼	William N. Beebe	16.2	7S	26E	21	NE¼ NW¼	Oscar Olsen
25.2	7S	26E	21	NE¼ NW¼	D. W. Cheney	25.2	7S	26E	21	NE¼ NW¼	William Ellsworth
34.7	7S	26E	21	NE¼ NW¼	J. W. Greenhalgh	34.7	7S	26E	21	NE¼ NW¼	W. L. Nelson
30.4	7S	26E	21	NE¼ NW¼	County of Graham, State of Arizona.	30.4	7S	26E	21	NE¼ NW¼	William Ellsworth
29.4	7S	26E									

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

TABLE No. 1 (Continued)  
Montezuma Canal—Lands and parties affected by priorities  
antecedating 1905

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
0.7	7S	26E	17	NE¼ SW¼	G. L. Crawford
2.3	7S	26E	17	NE¼ SW¼	John West
1.8	7S	26E	17	NE¼ SW¼	H. P. Walters
0.8	7S	26E	17	NE¼ SW¼	C. D. Walker
2.0	7S	26E	17	NE¼ SW¼	Adam Walker
1.1	7S	26E	17	NE¼ SW¼	Gratz D. Brown
1.2	7S	26E	17	NE¼ SW¼	George Furrell
1.1	7S	26E	17	NE¼ SW¼	Ephraim Larson
1.2	7S	26E	17	NE¼ SW¼	Safford School District #1, County of Graham, State of Arizona.
1.9	7S	26E	17	NE¼ SW¼	Lee N. Stratton, Administra- tor of the Estate of Mrs. N. A. Bell, deceased.
1.1	7S	26E	17	NE¼ SW¼	Nephi Williams
1.1	7S	26E	17	NE¼ SW¼	Charles Burrell
1.1	7S	26E	17	NE¼ SW¼	John West
1.3	7S	26E	17	NE¼ SW¼	J. W. Greenhalgh
1.4	7S	26E	17	NE¼ SW¼	E. P. Stuermer
0.8	7S	26E	17	NE¼ SW¼	Dan Williams
1.1	7S	26E	17	NE¼ SW¼	Fannie Bailey
1.1	7S	26E	17	NE¼ SW¼	R. L. McAllister
1.1	7S	26E	17	NE¼ SW¼	J. W. N. Scarlett
1.8	7S	26E	17	NE¼ SW¼	C. B. Sale
1.1	7S	26E	17	NE¼ SW¼	J. F. Rhinehart
4.1	7S	26E	17	NE¼ SW¼	Sarah E. Reed
1.2	7S	26E	17	NE¼ SW¼	S. E. D. Sears
3.7	7S	26E	17	NE¼ SW¼	Austin Evasus
4.4	7S	26E	17	NE¼ SW¼	John Bilby
1.1	7S	26E	17	NE¼ SW¼	J. A. Chapman
6.7	7S	26E	17	NE¼ SW¼	W. A. Bennett
4.4	7S	26E	17	NE¼ SW¼	Austin Evasus
17.0	7S	26E	17	NE¼ SW¼	Mrs. Virginia Curtis
2.5	7S	26E	17	NE¼ SW¼	I. B. Scarlett
2.5	7S	26E	17	NE¼ SW¼	I. A. Sewell
1.9	7S	26E	17	NE¼ SW¼	Callista B. Peel
14.2	7S	26E	17	NE¼ SW¼	W. D. Cluff & Fred M. Mitchell
7.9	7S	26E	17	NE¼ SW¼	J. W. Greenhalgh
30.0	7S	26E	17	NE¼ SW¼	William Brunsen
0.2	7S	26E	17	NE¼ SW¼	John W. Morris
4.2	7S	26E	17	NE¼ SW¼	R. H. Greenhalgh
1.0	7S	26E	17	NE¼ SW¼	George Foote
8.9	7S	26E	17	NE¼ SW¼	W. A. Bennett
8.2	7S	26E	17	NE¼ SW¼	W. D. Spear
2.2	7S	26E	17	NE¼ SW¼	George Foote
16.2	7S	26E	17	NE¼ SW¼	Mrs. Nancy Palmer
2.5	7S	26E	17	NE¼ SW¼	Oscar Olsen
1.5	7S	26E	17	NE¼ SW¼	Edan Olsen
4.3	7S	26E	17	NE¼ SW¼	Mrs. H. E. Warner
2.0	7S	26E	17	NE¼ SW¼	Francis Ellsworth
4.4	7S	26E	17	NE¼ SW¼	Jesse B. Quinn
26.7	7S	26E	17	NE¼ SW¼	C. M. Mack
13.0	7S	26E	18	NE¼ NE¼	Town of Safford
4.5	7S	26E	18	NE¼ NE¼	Donald Kennedy
6.8	7S	26E	18	NE¼ NE¼	Myron J. Allied
2.8	7S	26E	18	NE¼ NE¼	William N. Beebe
8.4	7S	26E	18	NE¼ NE¼	Mrs. Francis Goodman

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
1.0	7S	26E	18	NW¼ NE¼	Mrs. G. R. Young and David L. Ridgeway.
13.4	7S	26E	18	SW¼ NE¼	William N. Beebe
4.7	7S	26E	18	SW¼ NE¼	D. W. Cheuser
13.0	7S	26E	18	SW¼ NE¼	J. W. Greenhalgh
2.4	7S	26E	18	SW¼ NE¼	County of Graham, State of Arizona.
10.0	7S	26E	18	SE¼ NE¼	Marion Johnson
2.0	7S	26E	18	SE¼ NE¼	Town of Safford
4.1	7S	26E	18	SE¼ NE¼	Mrs. Martha Skinner
4.1	7S	26E	18	SE¼ NE¼	J. H. Bingham
1.6	7S	26E	18	SE¼ NE¼	J. Bingham
2.7	7S	26E	18	SE¼ NE¼	Leader Bingham
9.0	7S	26E	18	NE¼ NW¼	Mary Jacobson
19.2	7S	26E	18	NE¼ NW¼	Mary Lorraine Birdno
25.6	7S	26E	18	NE¼ NW¼	Mildred B. Larson
8.7	7S	26E	18	NE¼ NW¼	C. O. Larson
15.9	7S	26E	18	NE¼ NW¼	Eliam Olsen
17.9	7S	26E	18	NE¼ NW¼	Charles E. Freestone
19.8	7S	26E	18	NE¼ NW¼	M. G. Montierth
1.1	7S	26E	18	NE¼ NW¼	Aeshel Clifford
13.1	7S	26E	18	NE¼ NW¼	M. G. Montierth
12.5	7S	26E	18	NE¼ NW¼	J. W. N. Scarlett
2.7	7S	26E	18	NE¼ NW¼	Hyrum Bingham
18.8	7S	26E	18	NE¼ NW¼	P. J. Jacobson
3.9	7S	26E	18	NE¼ NW¼	Mrs. W. R. Reed
7.5	7S	26E	18	NE¼ NW¼	James Corder
9.5	7S	26E	18	NE¼ NW¼	J. H. Greenhalgh
8.0	7S	26E	18	NE¼ NW¼	J. W. Greenhalgh
1.8	7S	26E	18	NE¼ NW¼	Mrs. W. R. Reed
6.2	7S	26E	18	NE¼ NW¼	W. H. Gifford
2.3	7S	26E	18	NE¼ NW¼	Mrs. W. R. Reed
5.0	7S	26E	18	NE¼ NW¼	F. E. Kirpatrick
13.8	7S	26E	18	NE¼ NW¼	Hart D. Emptie
22.0	7S	26E	18	NE¼ NW¼	C. M. Mack
15.8	7S	26E	18	NE¼ NW¼	William Ellsworth
1.9	7S	26E	18	NE¼ NW¼	C. M. Mack
8.1	7S	26E	18	NE¼ NW¼	Henry Crabbe
5.1	7S	26E	18	NE¼ NW¼	Mrs. C. E. Stanley
2.4	7S	26E	18	NE¼ NW¼	John R. Davidson
2.4	7S	26E	18	NE¼ NW¼	John R. Davidson
10.2	7S	26E	18	NE¼ NW¼	William Ellsworth
25.6	7S	26E	18	NE¼ NW¼	Mrs. W. R. Smith
7.8	7S	26E	18	NE¼ NW¼	Victoriano Garcia
14.2	7S	26E	18	NE¼ NW¼	Elijah Clifford
1.4	7S	26E	18	NE¼ NW¼	Henry Clifford, Sr.
3.1	7S	26E	18	NE¼ NW¼	Mrs. Nancy Palmer
5.3	7S	26E	18	NE¼ NW¼	Elijah Clifford
17.8	7S	26E	18	NE¼ NW¼	Henry Clifford, Sr. Mrs. Nancy Palmer Elijah Clifford

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
13.3	7S	26E	21	NE¼ NW¼	Mrs. Nancy Palmer
16.6	7S	26E	21	NE¼ NW¼	Oscar Olsen
25.2	7S	26E	21	NE¼ NW¼	William Ellsworth
34.7	7S	26E	21	NE¼ NW¼	W. I. Nelson
30.4	7S	26E	22	NE¼ NW¼	William Ellsworth
7.1	7S	26E	22	NE¼ NW¼	"
35.4	7S	26E	22	NE¼ NW¼	"
36.1	7S	26E	22	NE¼ NW¼	W. I. Nelson
30.0	7S	26E	22	NE¼ NW¼	Fred H. Wiener
30.3	7S	26E	22	NE¼ NW¼	"
1.9	7S	26E	22	NE¼ NW¼	"
27.6	7S	26E	22	NE¼ NW¼	E. E. Montierth
7.7	7S	26E	22	NE¼ NW¼	Elijah Clifford
16.5	7S	26E	22	NE¼ NW¼	L. A. Clifford
36.1	7S	26E	22	NE¼ NW¼	William Ellsworth
4.2	7S	26E	22	NE¼ NW¼	E. E. Montierth
37.7	7S	26E	22	NE¼ NW¼	William Ellsworth
39.1	7S	26E	22	NE¼ NW¼	"
10.7	7S	26E	22	NE¼ NW¼	"
1.5	7S	26E	22	NE¼ NW¼	"
26.6	7S	26E	22	NE¼ NW¼	Ben Mauier
32.6	7S	26E	22	NE¼ NW¼	Maroni Larson
21.7	7S	26E	23	NE¼ NW¼	S. A. Merrill
9.0	7S	26E	23	NE¼ NW¼	Ben Mauier
19.4	7S	26E	23	NE¼ NW¼	S. A. Merrill
30.2	7S	26E	23	NE¼ NW¼	Mrs. Margaret R. Kempton
29.5	7S	26E	23	NE¼ NW¼	W. T. Barney
20.9	7S	26E	23	NE¼ NW¼	S. A. Merrill
12.8	7S	26E	23	NE¼ NW¼	Mrs. Margaret R. Kempton
1.9	7S	26E	23	NE¼ NW¼	W. T. Barney
1.6	7S	26E	23	NE¼ NW¼	"
24.2	7S	26E	23	NE¼ NW¼	W. S. Baker
2.5	7S	26E	24	NE¼ NW¼	Arthur Walker
0.5	7S	26E	24	NE¼ NW¼	Isaac Williamson
12.6	7S	26E	24	NE¼ NW¼	"
26.1	7S	26E	24	NE¼ NW¼	Arthur Walker
35.7	7S	26E	24	NE¼ NW¼	Ernest Motes
11.5	7S	27E	18	NE¼ SW¼	J. M. Grijalva
34.4	7S	27E	18	NE¼ SW¼	H. M. Merrill
7.4	7S	27E	18	NE¼ SW¼	"
13.4	7S	27E	18	NE¼ SW¼	J. M. Grijalva
1.1	7S	27E	19	NW¼ NW¼	H. M. Merrill

TABLE NO. 2. San Jose Canal—Lands and parties affected by priorities antedating 1905

Table with columns: Number of acres, Lands (Description, Rge., Sec., Subdivision), Ownership, and Parties owning lands described in the preceding column when jurisdiction acquired herein.

TABLE NO. 2 (Continued) San Jose Canal—Lands and parties affected by priorities antedating 1905.

Table with columns: Number of acres, Lands (Description, Rge., Sec., Subdivision), Ownership, and Parties owning lands described in the preceding column when jurisdiction acquired herein.

TABLE NO. 2 (Continued) San Jose Canal—Lands and parties affected by priorities antedating 1905.

Table with columns: Number of acres, Lands (Description, Rge., Sec., Subdivision), Ownership, and Parties owning lands described in the preceding column when jurisdiction acquired herein.

TABLE No. 2 (Continued)  
San Jose Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
1.3	78	27E	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
3.1	78	27E	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
8.2	78	27E	19	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
28.1	78	27E	19	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
39.7	78	27E	19	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
37.4	78	27E	19	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
35.0	78	27E	19	SW $\frac{1}{4}$ SW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
26.4	78	27E	19	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
28.9	78	27E	19	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
38.0	78	27E	19	SW $\frac{1}{4}$ SE $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
1.3	78	27E	19	NW $\frac{1}{4}$ SE $\frac{1}{4}$	
1.3	78	27E	19	NW $\frac{1}{4}$ SE $\frac{1}{4}$	
8.9	78	27E	20	NW $\frac{1}{4}$ NE $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
38.6	78	27E	20	NW $\frac{1}{4}$ NE $\frac{1}{4}$	
16.4	78	27E	20	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
38.3	78	27E	20	NW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
38.3	78	27E	20	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
18.1	78	27E	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
38.8	78	27E	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
7.2	78	27E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
11.0	78	27E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
8.8	78	27E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
11.1	78	27E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
25.5	78	27E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
4.3	78	27E	30	NW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
25.5	78	27E	30	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
4.3	78	27E	30	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
20.0	78	27E	30	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards Louis Michelena Mrs. L. A. Massey & J. T. Massey John C. Epley (Mrs. L. A. Massey & J. T. Massey) John C. Epley P. H. Freudenthal John W. Mattice G. Garcia Ed Blake W. G. Richards A. T. Pollock G. A. Belton W. G. Richards Mathews Stuart W. G. Richards Henry Adelbert Curtis H. L. Alexander Archie Fuller H. L. Alexander Emery Adelbert Curtis
8.1	78	27E	30	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
8.1	78	27E	30	SE $\frac{1}{4}$ NW $\frac{1}{4}$	

TABLE No. 3  
Tidwell Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
0.5	78	26E	12	SE $\frac{1}{4}$ SE $\frac{1}{4}$	John Tidwell & E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased.  Rafael Garcia  John Tidwell & E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased.
1.1	78	26E	13	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
0.6	78	27E	7	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
30.2	78	27E	7	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
39.9	78	27E	7	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
0.2	78	27E	7	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
36.5	78	27E	7	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
27.7	78	27E	7	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
16.1	78	27E	8	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
7.0	78	27E	8	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
5.2	78	27E	8	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
5.2	78	27E	8	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
37.4	78	27E	8	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
27.2	78	27E	8	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
27.1	78	27E	8	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
7.9	78	27E	17	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
15.3	78	27E	17	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
8.3	78	27E	17	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
0.5	78	27E	17	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
27.1	78	27E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$	
34.0	78	27E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$	
38.6	78	27E	18	NE $\frac{1}{4}$ NE $\frac{1}{4}$	
37.6	78	27E	18	NE $\frac{1}{4}$ NW $\frac{1}{4}$	

TABLE No. 4  
Union Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
5.0	68	24E	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Parties owning lands described in the preceding column when jurisdiction acquired herein.  I. B. Blake Niels J. Roseberry A. Harper H. J. Anderson Milton Lines Reece D. Green Charles Kerby Charles Rogers P. C. Merrill W. A. Lines William Larson G. W. Miller Mrs. Layman Dodge M. M. Curtis George A. Hoopes E. C. Phillips Thomas S. Kimball Orvil Larson J. D. Kennison H. L. Norton, St. J. E. Norton William R. Norton J. E. Norton William R. Norton William R. Norton Lorenzo Watson I. N. Albert William Bigler B. F. Whitmer, Jr. D. T. Adams P. C. Merrill, Administrator of the estate of Joe Feasy, deceased. Joseph Alder (P. C. Merrill, Administrator of the estate of Joe Feasy, deceased.) C. J. Ferrington Mrs. J. S. Beals Arizona Eastern Railroad Company Joseph Alder Charles Luster Mrs. Nisia Lindsey Joseph Alder Mrs. Nisia Lindsey P. C. Merrill, Administrator of the estate of Joe Feasy, deceased. Joseph Alder
6.3	68	24E	13	SE $\frac{1}{4}$ SE $\frac{1}{4}$	
6.6	68	24E	13	SE $\frac{1}{4}$ SE $\frac{1}{4}$	
1.5	68	24E	13	SE $\frac{1}{4}$ SE $\frac{1}{4}$	
10.0	68	24E	24	NE $\frac{1}{4}$ NE $\frac{1}{4}$	
8.5	68	24E	24	SE $\frac{1}{4}$ NE $\frac{1}{4}$	
8.2	68	24E	24	SE $\frac{1}{4}$ NE $\frac{1}{4}$	
4.0	68	24E	24	NE $\frac{1}{4}$ SE $\frac{1}{4}$	
3.0	68	24E	24	NE $\frac{1}{4}$ SE $\frac{1}{4}$	
10.3	68	25E	19	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
7.9	68	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
2.5	68	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
2.5	68	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
3.5	68	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
5.4	68	25E	26	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
1.1	68	25E	27	NW $\frac{1}{4}$ SE $\frac{1}{4}$	
12.7	68	25E	27	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
38.8	68	25E	27	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
24.2	68	25E	27	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
6.8	68	25E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
4.2	68	25E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
2.5	68	25E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	
17.4	68	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
10.0	68	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
12.6	68	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
11.4	68	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
5.8	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
18.2	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
3.7	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
9.9	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
11.8	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
2.7	68	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	
12.7	68	25E	29	NW $\frac{1}{4}$ NE $\frac{1}{4}$	
37.8	68	25E	29	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
7.1	68	25E	29	SW $\frac{1}{4}$ NE $\frac{1}{4}$	
24.7	68	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
4.7	68	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
3.6	68	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
1.7	68	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
2.5	68	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
6.7	68	25E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
6.3	68	25E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
21.1	68	25E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	
13.2	68	25E	29	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
9.5	68	25E	29	SW $\frac{1}{4}$ NW $\frac{1}{4}$	
8.6	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
27.2	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
30.6	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
11.7	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
38.9	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
28.0	68	25E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	

TABLE No. 2 (Continued)  
San Jose Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Twp.	Rge.	Subdivision	
1.3	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards
3.1	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Louis Michiens
8.2	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. L. A. Massey & J. T. Massey
28.1	78	27E	SE $\frac{1}{4}$ NW $\frac{1}{4}$	John C. Epley
30.7	78	27E	NW $\frac{1}{4}$ SW $\frac{1}{4}$	(Mrs. L. A. Massey & J. T. Massey)
37.4	78	27E	NW $\frac{1}{4}$ SW $\frac{1}{4}$	John C. Epley
35.0	78	27E	SE $\frac{1}{4}$ SW $\frac{1}{4}$	(Mrs. L. A. Massey & J. T. Massey)
28.4	78	27E	SE $\frac{1}{4}$ SW $\frac{1}{4}$	John C. Epley
28.0	78	27E	NW $\frac{1}{4}$ SW $\frac{1}{4}$	F. H. Freudenthal
38.0	78	27E	NW $\frac{1}{4}$ SW $\frac{1}{4}$	John W. Matfice
1.3	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	G. Garcia
8.9	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Ed Blake
38.0	78	27E	SW $\frac{1}{4}$ NE $\frac{1}{4}$	W. G. Richards
16.4	78	27E	SW $\frac{1}{4}$ NE $\frac{1}{4}$	A. T. Pollock
38.0	78	27E	SW $\frac{1}{4}$ NE $\frac{1}{4}$	G. A. Bryce
36.3	78	27E	SW $\frac{1}{4}$ NE $\frac{1}{4}$	W. G. Richards
36.8	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Mathews Stuart
36.8	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. G. Richards
7.2	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Emery Adelbert Curtis
11.0	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	H. L. Alexander
8.8	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Archie Fuller
11.1	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	H. L. Alexander
25.5	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Emery Adelbert Curtis
4.3	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Archie Fuller
20.0	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	H. L. Alexander
9.1	78	27E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Emery Adelbert Curtis

TABLE No. 3  
Tidwell Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Twp.	Rge.	Subdivision	
0.5	78	29E	SE $\frac{1}{4}$ SE $\frac{1}{4}$	(John Tidwell & E. L. Tidwell, Jr., Administrators of the Estate of E. L. Tidwell, deceased.
1.1	78	29E	NW $\frac{1}{4}$ SE $\frac{1}{4}$	
0.6	78	27E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
30.2	78	27E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
38.9	78	27E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
0.2	78	27E	NW $\frac{1}{4}$ SE $\frac{1}{4}$	
36.5	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
27.7	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
0.5	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
16.1	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
7.0	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
5.2	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
37.4	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
24.4	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
27.1	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
7.0	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
15.3	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
8.3	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
0.5	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
27.1	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
34.0	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
38.6	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	
37.6	78	27E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	

TABLE No. 4  
Union Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Twp.	Rge.	Subdivision	
5.0	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	I. B. Blake
6.3	68	24E	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Niels J. Roseberry
2.0	68	24E	SE $\frac{1}{4}$ SE $\frac{1}{4}$	A. Harper
1.5	68	24E	SE $\frac{1}{4}$ SE $\frac{1}{4}$	H. J. Anderson
10.0	68	24E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Milton Lines
9.5	68	24E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Reece D. Green
8.2	68	24E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Charles Kerby
4.0	68	24E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Charles Rogers
10.3	68	24E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	P. C. Merrill
7.9	68	24E	NW $\frac{1}{4}$ NW $\frac{1}{4}$	W. A. Lines
2.0	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	William Larson
2.5	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	G. W. Miller
3.5	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Layman Dodge
5.4	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	M. M. Curtis
6.8	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	George A. Hoopes
36.8	68	24E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	E. C. Phillips
12.7	68	24E	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Thomas S. Kimball
36.8	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Orvil Larson
24.2	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	J. D. Kennison
2.5	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	H. L. Norton, Sr.
17.4	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	I. E. Norton
12.6	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	William R. Norton
11.4	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	I. E. Norton
15.8	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	William R. Norton
7.7	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Lorenzo Watson
11.8	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	J. N. Alford
12.7	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	William Bigler
12.7	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	B. F. Whitmer, Jr.
37.8	68	24E	SW $\frac{1}{4}$ NE $\frac{1}{4}$	D. T. Adams
7.1	68	24E	SE $\frac{1}{4}$ NE $\frac{1}{4}$	P. C. Merrill, Administrator of the estate of Joe Penny, deceased.
24.7	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Joseph Alder
4.7	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	(P. C. Merrill, Administrator of the estate of Joe Penny, deceased.
2.6	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	C. J. Ferrington
1.7	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. J. S. Beals
2.5	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Arizona Eastern Railroad Company
6.7	68	24E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Joseph Alder
6.3	68	24E	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Charles Luster
21.1	68	24E	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. Nisia Lindsey
13.2	68	24E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Joseph Alder
9.5	68	24E	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. Nisia Lindsey
8.6	68	24E	SE $\frac{1}{4}$ NW $\frac{1}{4}$	P. C. Merrill, Administrator of the estate of Joe Penny, deceased.
27.2	68	24E	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Joseph Alder
30.6	68	24E	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
11.7	68	24E	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
33.9	68	24E	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
28.0	68	24E	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

Number of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Subdivision			
Twp.	Rge.	Sec.		Parties owning lands described in the preceding column when jurisdiction acquired herein.	
6.3	6S	25E	29	SE $\frac{1}{4}$ SE $\frac{1}{4}$	J. E. Norton
22.3	6S	25E	29	SE $\frac{1}{4}$ SW $\frac{1}{4}$	William R. Norton
6.3	6S	25E	29	SE $\frac{1}{4}$ SW $\frac{1}{4}$	H. L. Norton, Sr.
14.1	6S	25E	30	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Ethlon Salina
9.2	6S	25E	30	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Joseph Alder
5.1	6S	25E	30	SE $\frac{1}{4}$ NE $\frac{1}{4}$	
1.0	6S	25E	30	NE $\frac{1}{4}$ NW $\frac{1}{4}$	John Cluff
50.0	6S	25E	30	and 19	Town of Pima
37.7	6S	25E	32	NE $\frac{1}{4}$ NE $\frac{1}{4}$	S. B. Tansy, Jr.
3.7	6S	25E	32	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Joseph Alder
21.1	6S	25E	32	SE $\frac{1}{4}$ NE $\frac{1}{4}$	H. W. Layton
11.6	6S	25E	32	NE $\frac{1}{4}$ NE $\frac{1}{4}$	H. A. Adams
1.2	6S	25E	33	NE $\frac{1}{4}$ NE $\frac{1}{4}$	B. F. Cluff
16.5	6S	25E	33	NE $\frac{1}{4}$ NE $\frac{1}{4}$	L. D. Webb
7.8	6S	25E	33	NE $\frac{1}{4}$ NE $\frac{1}{4}$	H. M. Tate
4.4	6S	25E	33	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. J. E. Cluff
4.4	6S	25E	33	NW $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. Mildred Whitmer
8.2	6S	25E	33	NW $\frac{1}{4}$ NE $\frac{1}{4}$	William Bigler
19.2	6S	25E	33	NW $\frac{1}{4}$ NE $\frac{1}{4}$	E. F. Whitner, Sr.
7.6	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	George A. Bigler
2.1	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	J. W. Sowell
1.7	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	S. P. Jenkins
					School District #12, State of Arizona.
3.7	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	S. L. Jenkins
5.1	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	George Coombs
2.2	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Benjamin F. Cluff, Administrator of the estates of Joseph Cluff, deceased and Phoebe Cluff, deceased.
					Phoebe Cluff, deceased.
1.8	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. J. E. Cluff
5.8	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	L. A. Adams
5.0	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	B. F. Cluff
13.8	6S	25E	33	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Benjamin F. Cluff, Administrator of the estate of Joseph Cluff, deceased.
					Joseph Cluff, deceased.
7.7	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. D. E. Smith
4.6	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. W. E. Craig
2.2	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	C. L. Coombs
16.9	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	William Coombs
10.1	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	H. L. Norton, Jr.
3.0	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	George R. Shurtz
2.2	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	George Schurtz
14.9	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	S. F. Forster
18.9	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	J. E. Norton
39.4	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	George R. Shurtz
0.0	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Lloyd Norton
4.4	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Isaac Coombs
4.4	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	S. V. Forster
1.1	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	A. J. Shifflet
1.0	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	J. S. Shifflet
0.6	6S	25E	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Clarence Martin
					Mrs. Charlotte F. Elmer

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

Number of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Subdivision			
Twp.	Rge.	Sec.		Parties owning lands described in the preceding column when jurisdiction acquired herein.	
2.1	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. N. Allred
12.2	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	William Coombs
10.8	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Millard Fyffe
4.9	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	M. M. Layton
11.3	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	William Coombs
10.1	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	H. W. Layton
31.8	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
10.7	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
24.8	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	William Coombs
14.3	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	H. L. Norton, Sr.
1.7	6S	25E	33	SE $\frac{1}{4}$ NW $\frac{1}{4}$	E. D. Smith
15.6	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	David Dodge
19.3	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	M. P. Ferguson
20.1	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	N. E. Coombs
7.7	6S	25E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	
0.4	6S	25E	33	SW $\frac{1}{4}$ SE $\frac{1}{4}$	F. A. Webster
37.2	6S	25E	33	SW $\frac{1}{4}$ SE $\frac{1}{4}$	M. P. Ferguson
1.5	6S	25E	33	SW $\frac{1}{4}$ SE $\frac{1}{4}$	H. L. Norton, Sr.
36.4	6S	25E	33	SW $\frac{1}{4}$ SE $\frac{1}{4}$	H. L. G. Cutler
20.3	6S	25E	34	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Roy A. Layton
19.7	6S	25E	34	NE $\frac{1}{4}$ NE $\frac{1}{4}$	L. O. Cutler
20.6	6S	25E	34	NW $\frac{1}{4}$ NE $\frac{1}{4}$	A. O. Lamoreaux
29.7	6S	25E	34	SW $\frac{1}{4}$ NE $\frac{1}{4}$	D. C. Johnson
37.8	6S	25E	34	SE $\frac{1}{4}$ NE $\frac{1}{4}$	J. B. Martin
7.0	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. D. Webb
21.1	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. B. Cluff
5.0	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Benjamin F. Cluff, Administrator of the estates of Joseph Cluff, deceased and Phoebe Cluff, deceased.
14.9	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. W. F. Martin
					Mrs. J. E. Cluff
20.2	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. B. Martin
33.9	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. S. Martin
6.7	6S	25E	34	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. S. Martin
26.6	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Smith
13.1	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Smith
39.8	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	E. M. Lamson
38.6	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
12.9	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Oscar G. Layton
26.5	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Roy A. Layton
40.0	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	M. M. Smith
36.6	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. Ollerton
24.6	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Roy A. Layton
39.2	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Willis K. Day
6.0	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Alonzo Vasquez
9.7	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. Ade Bragan
34.5	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
0.3	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	L. S. Branan
10.8	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Antonio Vasquez
0.9	6S	25E	34	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James H. Forster
33.3	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	
18.0	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. R. Chambers
19.8	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James H. Forster
4.3	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. R. Chambers
6.3	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. R. Chambers
3.1	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. R. Chambers
23.0	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. E. Platt
11.0	6S	25E	35	SE $\frac{1}{4}$ NW $\frac{1}{4}$	

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

Number of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Subdivision			
Twp.	Rge.	Sec.		Parties owning lands described in the preceding column when jurisdiction acquired herein.	
22.1	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Lilly Duke
1.0	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Antone Carreon
2.6	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Miguel Mens
5.0	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Damascio O. Meras
9.7	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Manuel Burrell
2.0	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	W. E. Platt
17.5	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Rudger Phillips
21.4	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Frank N. Tyler
34.5	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Willis K. Day
18.2	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Julia Day
13.4	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Seth P. Fletcher
38.9	6S	35E	35	SW $\frac{1}{4}$ SW $\frac{1}{4}$	
12.7	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Ephraim J. Allen
20.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
39.9	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. R. Chambers
20.9	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Seth P. Fletcher
4.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
9.4	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
34.3	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. C. R. Pace
24.3	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
35.8	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Seth P. Fletcher
4.4	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Bert Hoopes
40.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
18.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Sarah A. Hunt
20.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
18.1	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
38.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Bert Hoopes
21.4	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. R. Chambers
11.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Bert Hoopes
8.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	D. C. Johnson
1.3	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. R. Chambers
7.6	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	A. C. Hunt
31.0	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
6.4	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. R. Chambers
39.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Frank N. Tyler
39.2	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Orlando Jolly
19.3	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	
18.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
19.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Frank N. Tyler
19.5	6S	35E	36	NW $\frac{1}{4}$ SW $\frac{1}{4}$	James H. Porter
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TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

Lands			Ownership							
Num-ber of acres	Description		Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Description		Parties owning lands described in the preceding column when jurisdiction acquired herein.			
	Twp.	Rge.			Sec.	Subdivision				
4.8	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. E. Platt	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. E. Platt
4.7	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	A. O. Lamoreaux	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	A. O. Lamoreaux
4.4	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Moody	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Moody
4.3	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James H. Porter	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James H. Porter
10.5	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher	78	25E	2	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher
10.0	78	25E	2	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	25E	2	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
6.0	78	25E	2	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	25E	2	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
5.0	78	25E	2	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	25E	2	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"
10.0	78	25E	2	NE $\frac{1}{4}$ SE $\frac{1}{4}$	"	78	25E	2	NE $\frac{1}{4}$ SE $\frac{1}{4}$	"
10.0	78	25E	2	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"	78	25E	2	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"
10.0	78	25E	2	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"	78	25E	2	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"
27.4	78	25E	3	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Miles Reay	78	25E	3	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Miles Reay
19.8	78	25E	3	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Mable Perkins	78	25E	3	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Mable Perkins
20.0	78	25E	3	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Oscar G. Layton	78	25E	3	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Oscar G. Layton
18.2	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Joannar G. Smith	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Joannar G. Smith
18.1	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Oscar G. Layton	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Oscar G. Layton
18.8	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Citizen Bank	78	25E	3	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Citizen Bank
8.1	78	25E	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. Lester Damon	78	25E	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Mrs. Lester Damon
8.0	78	25E	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Miles Reay	78	25E	3	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Miles Reay
19.4	78	25E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher	78	25E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Town of Thatcher
20.2	78	25E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	W. W. Pace	78	25E	3	NE $\frac{1}{4}$ NW $\frac{1}{4}$	W. W. Pace
36.3	78	25E	3	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. J. E. Cluff	78	25E	3	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Mrs. J. E. Cluff
11.1	78	25E	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$	E. A. Webster	78	25E	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$	E. A. Webster
24.6	78	25E	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$	E. V. Pollock	78	25E	3	SW $\frac{1}{4}$ NW $\frac{1}{4}$	E. V. Pollock
18.8	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. W. Pace	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. W. Pace
15.5	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	I. J. Palmer	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	I. J. Palmer
18.7	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Rudger Phillips	78	25E	3	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Rudger Phillips
20.0	78	25E	3	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Oscar G. Layton	78	25E	3	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Oscar G. Layton
36.8	78	25E	3	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. W. Pace	78	25E	3	NW $\frac{1}{4}$ SW $\frac{1}{4}$	W. W. Pace
7.8	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	"
1.3	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	I. J. Palmer	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	I. J. Palmer
1.3	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Nisia Lindway	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Nisia Lindway
4.5	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Oscar G. Layton	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Oscar G. Layton
3.5	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Elsie L. Overly	78	25E	3	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Elsie L. Overly
18.0	78	25E	3	NE $\frac{1}{4}$ SE $\frac{1}{4}$	J. A. Farley	78	25E	3	NE $\frac{1}{4}$ SE $\frac{1}{4}$	J. A. Farley
19.8	78	25E	3	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Town of Thatcher	78	25E	3	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Town of Thatcher
14.9	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	A. V. Tate	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	A. V. Tate
3.5	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Maranda Perkins	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Maranda Perkins
1.2	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Citizens Bank	78	25E	3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Citizens Bank
1.0	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Jesse C. Phillips	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Jesse C. Phillips
6.3	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Maranda Perkins	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Maranda Perkins
25.1	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	C. M. Hendricks	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	C. M. Hendricks
18.0	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	L. J. Palmer	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	L. J. Palmer
1.8	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Mrs. Sophia Barney	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Mrs. Sophia Barney
1.8	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Town of Thatcher	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Town of Thatcher
1.8	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	A. V. Tate	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	A. V. Tate
1.8	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	W. A. Post, Administrator of the estate of Oscar Elliott, deceased.	78	25E	3	SW $\frac{1}{4}$ SE $\frac{1}{4}$	W. A. Post, Administrator of the estate of Oscar Elliott, deceased.

TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905.

Lands			Ownership							
Num-ber of acres	Description		Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Description		Parties owning lands described in the preceding column when jurisdiction acquired herein.			
	Twp.	Rge.			Sec.	Subdivision				
39.7	78	26E	7	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. A. Post	78	26E	7	SE $\frac{1}{4}$ NW $\frac{1}{4}$	W. A. Post
37.5	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
22.1	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	F. A. Webster	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	F. A. Webster
11.1	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	(O. F. Webster, Administra- (or of the estate of Thomas G. Webster, deceased.	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	(O. F. Webster, Administra- (or of the estate of Thomas G. Webster, deceased.
35.5	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
38.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
18.6	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	O. F. Webster, Administra- tor of the Estate of Thomas G. Webster, deceased.	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	O. F. Webster, Administra- tor of the Estate of Thomas G. Webster, deceased.
7.8	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
1.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	M. M. Layton	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	M. M. Layton
1.9	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
7.4	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	William Webster	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	William Webster
17.4	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	"
2.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. A. Post	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. A. Post
21.3	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
8.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	D. C. Johnson	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	D. C. Johnson
13.5	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George Monfirth	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George Monfirth
22.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. William Johns	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. William Johns
23.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Edith Blain	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Edith Blain
27.2	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. William Johns	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. William Johns
9.1	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Edith Blain	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Edith Blain
5.7	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	P. J. Jacobson	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	P. J. Jacobson
1.7	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	R. G. Layton, Jr.	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	R. G. Layton, Jr.
0.8	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. C. Johnson	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. C. Johnson
20.6	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George Monfirth	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George Monfirth
10.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George A. Gourley	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George A. Gourley
8.4	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	R. G. Layton, Jr.	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	R. G. Layton, Jr.
38.7	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	David Johns	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	David Johns
5.4	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. C. Hunt	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. C. Hunt
40.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Arthus Hoopes	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Arthus Hoopes
29.8	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Sarah S. Elmer	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Sarah S. Elmer
16.0	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	H. B. Harms	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	H. B. Harms
36.7	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Ruth Allred, Della Allred, and Edith M. Allred	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Ruth Allred, Della Allred, and Edith M. Allred
32.1	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Town of Thatcher
4.7	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Sarah S. Elmer	78	26E	7	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Sarah S. Elmer
17.4	78	26E	7							



TABLE No. 4 (Continued)  
Union Canal—Lands and parties affected by priorities antedating 1905

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.				
	Twp.	Rge.	Sec.	Subdivision	
14.6	7S	26E	15	NW¼ SE¼	Charles M. Pursley & Robert L. Nash
30.5	7S	26E	16	NE¼ NE¼	J. T. Owens, Jr.
14.7	7S	26E	16	NE¼ NE¼	E. M. Morris
20.0	7S	26E	16	NW¼ NE¼	Jesse B. Quinn
4.0	7S	26E	16	NW¼ NE¼	John W. Morris
14.9	7S	26E	16	SW¼ NE¼	E. M. Morris
3.7	7S	26E	16	SW¼ NE¼	E. Gallego
23.5	7S	26E	16	SE¼ NE¼	J. T. Owens, Jr.
11.6	7S	26E	16	SE¼ NE¼	O. E. Owens
20.6	7S	26E	16	NE¼ NW¼	Austin Evans
13.2	7S	26E	16	NE¼ NW¼	R. A. Dominguez
32.1	7S	26E	16	SE¼ NW¼	Austin Welker
4.6	7S	26E	16	SE¼ NW¼	J. M. Dominguez
3.1	7S	26E	16	SE¼ NW¼	N. Ortis
35.4	7S	26E	16	SE¼ NW¼	Austin Evans
30.0	7S	26E	17	NW¼ NE¼	Robert Morris
7.0	7S	26E	17	NW¼ NE¼	Town of Stafford
3.6	7S	26E	17	SE¼ NE¼	Austin Evans
10.0	7S	26E	17	NE¼ NW¼	Town of Stafford
5.0	7S	26E	17	NW¼ NW¼	Arizona Eastern Railroad Company
3.9	7S	26E	18	NW¼ NE¼	P. I. Johnson
7.5	7S	26E	18	NW¼ NE¼	Mary Levaline Birdno
7.8	7S	26E	18	NE¼ NW¼	Mildred E. Larson
7.5	7S	26E	18	NE¼ NW¼	C. O. Larson
5.0	7S	26E	18	NW¼ NW¼	Mrs. W. A. Lewis
3.3	7S	26E	18	NW¼ NW¼	

TABLE No. 5  
Sunflower Canal—Lands and parties affected by priorities antedating 1905

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.				
	Twp.	Rge.	Sec.	Subdivision	
1.7	7S	26E	6	SE¼ SE¼	R. C. Layton, Jr.
6.4	7S	26E	6	SE¼ SE¼	S. N. Holman
0.1	7S	26E	6	SW¼ SE¼	
39.8	7S	26E	7	NE¼ NE¼	R. G. Layton, Jr.
20.0	7S	26E	7	NW¼ NE¼	R. A. Smith, Sr.
18.6	7S	26E	7	NW¼ NE¼	P. J. Jacobson
20.5	7S	26E	7	SW¼ NE¼	
18.7	7S	26E	7	SW¼ NE¼	R. G. Layton, Jr.
39.8	7S	26E	7	SE¼ NE¼	
8.0	7S	26E	8	SW¼ NE¼	Charles M. Layton
22.0	7S	26E	8	SW¼ NE¼	Z. B. Decker
25.4	7S	26E	8	SE¼ NE¼	Charles M. Layton
32.9	7S	26E	8	NE¼ NW¼	Mrs. Mattie Prina
30.8	7S	26E	8	NE¼ NW¼	
38.7	7S	26E	8	SE¼ NW¼	
36.1	7S	26E	8	SE¼ NW¼	
14.2	7S	26E	8	SE¼ NW¼	Charles M. Layton
10.1	7S	26E	8	NE¼ SE¼	
8.0	7S	26E	8	NE¼ SE¼	
8.2	7S	26E	8	NW¼ SE¼	Z. B. Decker

TABLE No. 6  
Graham Canal—Lands and parties affected by priorities antedating 1905

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.				
	Twp.	Rge.	Sec.	Subdivision	
4.4	6S	24E	32	NE¼ SE¼	E. E. Hancock
9.2	6S	24E	33	NE¼ NW¼	
14.1	6S	24E	33	SE¼ NW¼	James A. McBride
10.0	6S	24E	33	NE¼ NW¼	John L. Hoopes
13.2	6S	24E	33	SW¼ NW¼	Heber B. Bryce
39.9	6S	24E	33	SW¼ NW¼	John L. Hoopes
38.0	6S	24E	33	SW¼ NW¼	Heber B. Bryce
15.9	6S	24E	33	SW¼ NW¼	
12.0	6S	24E	33	SE¼ NW¼	John L. Hoopes
19.6	6S	24E	33	SE¼ NW¼	Beil Keapton, Administra- trix of the Estate of A. N. Bryce, deceased.
24.5	6S	24E	33	NE¼ SE¼	John L. Hoopes
33.1	6S	24E	33	NE¼ SE¼	Beil Keapton, Administra- trix of the Estate of A. N. Bryce, deceased.
20.7	6S	24E	33	SE¼ SE¼	Heber B. Bryce
30.0	6S	24E	33	SE¼ SE¼	John L. Hoopes
16.4	6S	24E	33	SE¼ SE¼	
8.4	6S	24E	33	SE¼ SE¼	Martha A. Merrill
14.1	6S	24E	33	NE¼ NW¼	Miles Messenger
39.5	6S	24E	33	NE¼ NW¼	E. E. Hancock
23.7	6S	24E	33	NE¼ NW¼	Lealie W. Layton & Zeb Ison
10.2	6S	24E	33	NW¼ NE¼	
8.7	6S	24E	33	NE¼ NE¼	R. A. Bryce
2.5	6S	24E	33	NE¼ NE¼	Heber B. Bryce
19.3	6S	24E	33	NE¼ NE¼	
9.5	6S	24E	33	NE¼ NE¼	
10.1	6S	24E	33	NE¼ NE¼	
19.5	6S	24E	33	NE¼ NE¼	John Billingsley
4.6	6S	24E	33	NE¼ NE¼	J. W. Bryce
25.8	6S	24E	33	SW¼ NE¼	H. R. Charlson
12.5	6S	24E	33	SW¼ NE¼	
4.6	6S	24E	33	SE¼ NE¼	J. W. Bryce
17.5	6S	24E	33	SE¼ NE¼	R. D. Lamoreaux
1.5	6S	24E	33	SE¼ NE¼	Guy Dixon
20.0	6S	24E	33	SE¼ NE¼	D. E. Adams
16.3	6S	24E	33	NE¼ NW¼	Lealie W. Layton & Zeb Ison
2.8	6S	24E	33	NE¼ NW¼	J. W. Bryce
3.2	6S	25E	7	SE¼ NW¼	
16.5	6S	25E	7	SW¼ NW¼	George O. Peck
18.5	6S	25E	7	SW¼ NW¼	R. D. Lamoreaux
10.6	6S	25E	7	SE¼ NW¼	William A. Peck
6.2	6S	25E	7	NE¼ SW¼	Beil Keapton, Administra- trix of the Estate of A. N. Bryce, deceased.
14.6	6S	25E	7	NE¼ SW¼	A. N. Bryce, deceased.
11.4	6S	25E	7	NE¼ SW¼	C. A. Bryce
14.8	6S	25E	7	NW¼ SW¼	R. A. Bryce
24.5	6S	25E	7	NE¼ SW¼	Beil Keapton, Administra- trix of the Estate of A. N. Bryce, deceased.
22.6	6S	25E	7	NW¼ SW¼	George O. Peck
7.0	6S	25E	7	NW¼ SW¼	
38.4	6S	25E	7	SW¼ SE¼	G. A. Bryce
18.6	6S	25E	7	SE¼ SE¼	J. H. Nuttall
14.9	6S	25E	7	SE¼ SE¼	John W. Matlice
20.0	6S	25E	8	NE¼ SW¼	Simon Mathews

TABLE No. 6 (Continued)  
Graham Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
7.8	6S	25E	8	NW¼ SW¼	John C. Cooper
10.0	6S	25E	8	NW¼ SW¼	J. P. Walker
25.0	6S	25E	8	SW¼ SW¼	"
19.5	6S	25E	8	SE¼ SW¼	Simon Mathews
7.0	6S	25E	8	SW¼ SE¼	"
15.0	6S	25E	8	SE¼ SE¼	William E. Bryce
14.0	6S	25E	16	NW¼ NW¼	E. N. Norton
3.7	6S	25E	16	SW¼ NW¼	J. E. Chesley
2.3	6S	25E	16	SW¼ SW¼	Mrs. A. W. Chesley
20.0	6S	25E	16	NW¼ SW¼	William Wamsalee
38.0	6S	25E	16	SW¼ SW¼	G. A. Bryce
29.9	6S	25E	16	SE¼ SW¼	A. O. Lamoreaux, Jr.
11.0	6S	25E	16	SW¼ SE¼	Wilfred Peterson
21.0	6S	25E	17	NE¼ NE¼	Mrs. A. W. Chesley
20.0	6S	25E	17	NW¼ NE¼	"
16.1	6S	25E	17	SE¼ NE¼	J. I. Palmer
40.0	6S	25E	17	SE¼ NE¼	Mrs. A. W. Chesley
40.0	6S	25E	17	NW¼ NW¼	S. S. Marshall
35.5	6S	25E	17	NW¼ NW¼	"
20.6	6S	25E	17	SE¼ NW¼	"
8.8	6S	25E	17	NE¼ NW¼	Carlisle Reynolds
4.7	6S	25E	17	NE¼ SW¼	Almera Hubbard
2.1	6S	25E	17	NW¼ SW¼	W. M. Blair
6.6	6S	25E	17	NW¼ SW¼	S. S. Marshall
5.1	6S	25E	17	NW¼ SW¼	Carlisle Reynolds
2.1	6S	25E	17	NW¼ SW¼	W. M. Blair
0.6	6S	25E	17	SW¼ SW¼	Almera Hubbard
10.8	6S	25E	17	SE¼ SW¼	W. M. Blair
2.9	6S	25E	17	NW¼ SE¼	I. L. Fouts
18.7	6S	25E	17	NW¼ SE¼	Almera Hubbard
20.4	6S	25E	17	SW¼ SE¼	J. W. Rehman
28.4	6S	25E	17	SE¼ SE¼	J. W. Rehman
12.5	6S	25E	18	NE¼ NE¼	John W. Mattee
10.4	6S	25E	20	NE¼ NE¼	J. W. Felshaw
0.7	6S	25E	21	NE¼ NE¼	Church of Jesus Christ of Latter Day Saints.
28.7	6S	25E	21	NW¼ NE¼	A. T. West
38.0	6S	25E	21	SW¼ NE¼	"
16.1	6S	25E	21	SE¼ NE¼	Brigham Stowell
16.9	6S	25E	21	SE¼ NE¼	C. M. Mack
38.8	6S	25E	21	NE¼ NW¼	A. T. West
35.3	6S	25E	21	NE¼ NW¼	"
15.3	6S	25E	22	NE¼ NW¼	W. F. Butler, Jr.
11.9	6S	25E	22	SW¼ NW¼	Mary Butler
16.6	6S	25E	22	SE¼ NW¼	"
23.0	6S	25E	22	NE¼ SW¼	D. W. Sanders
17.1	6S	25E	22	NW¼ SW¼	"
22.2	6S	25E	22	NW¼ SW¼	Charles Watson
13.5	6S	25E	22	SW¼ SE¼	"
12.0	6S	25E	22	SE¼ SE¼	"
8.4	6S	25E	22	SE¼ SE¼	E. D. Howard

TABLE No. 6 (Continued)  
Graham Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
13.5	6S	25E	23	SW¼ SW¼	E. D. Howard
1.3	6S	25E	23	SW¼ SW¼	J. M. Howard
18.6	6S	25E	23	SW¼ SW¼	D. W. A. Talley
21.5	6S	25E	23	SW¼ SW¼	"
0.5	6S	25E	23	NW¼ NW¼	Pratt Stewart
17.8	6S	25E	23	NE¼ NW¼	J. M. Howard
10.6	6S	25E	23	NE¼ NW¼	Pratt Stewart
24.0	6S	25E	23	NW¼ NW¼	S. D. Howard
6.6	6S	25E	23	SW¼ NW¼	Joseph Howard & J. M. Howard
2.7	6S	25E	26	SE¼ NW¼	Pratt Stewart
18.0	6S	25E	26	SE¼ NW¼	John Nulton
3.6	6S	25E	26	NE¼ NW¼	"
11.4	6S	25E	26	NE¼ SW¼	Joseph Howard & J. M. Howard
3.0	6S	25E	26	NE¼ SW¼	Robert E. Reed
16.3	6S	25E	26	NE¼ SW¼	K. V. B. Talley
2.7	6S	25E	26	NW¼ SE¼	"
10.8	6S	25E	26	SW¼ SE¼	"
15.5	6S	25E	26	SE¼ SE¼	Robert E. Reed
24.7	6S	25E	26	SE¼ SE¼	E. D. Howard
19.9	6S	25E	27	NE¼ NE¼	Charles Watson
5.7	6S	25E	27	NE¼ NE¼	K. V. B. Talley
17.5	6S	25E	35	NW¼ NE¼	"
0.6	6S	25E	35	NW¼ NE¼	"
0.5	6S	25E	36	NE¼ NE¼	D. W. Sanders
0.4	6S	25E	36	NE¼ NE¼	J. T. Talley
2.0	6S	25E	36	NW¼ NE¼	School District #8, County of Graham, State of Ariz.
21.3	6S	25E	36	NW¼ NE¼	Jerome Walker
1.3	6S	25E	36	NW¼ NE¼	J. T. Talley
22.8	6S	25E	36	SW¼ NE¼	"
7.8	6S	25E	36	SE¼ NE¼	Jerome Walker
2.9	6S	25E	36	SE¼ NE¼	J. T. Talley
10.8	6S	25E	36	SE¼ NE¼	D. W. Sanders
7.7	6S	25E	36	SE¼ NE¼	Marion Skinner
0.2	6S	25E	36	NE¼ NW¼	Jerome Walker
25.3	6S	25E	36	NE¼ NW¼	Alma Peterson
14.0	6S	25E	36	NE¼ NW¼	W. H. Spafford
33.6	6S	25E	36	NW¼ NW¼	Alma Peterson
0.1	6S	25E	36	SE¼ NW¼	Jerome Walker
4.0	6S	25E	36	SE¼ NW¼	"
0.9	6S	25E	36	SE¼ NW¼	J. T. Talley
1.3	6S	25E	36	NE¼ SW¼	Marion Skinner
0.6	6S	25E	36	NE¼ SW¼	J. T. Talley
30.0	6S	25E	36	NE¼ SW¼	Marion Skinner
6.4	6S	25E	36	NE¼ SW¼	D. W. Sanders
2.9	6S	25E	36	NE¼ SW¼	Francis M. Skinner
3.8	6S	25E	36	NW¼ SE¼	D. W. Sanders
0.8	6S	25E	36	NW¼ SE¼	Marion Skinner
8.0	6S	25E	36	NW¼ SE¼	J. T. Talley
21.7	6S	25E	36	SW¼ SE¼	Marion Skinner
4.2	6S	25E	36	SW¼ SE¼	Francis M. Skinner
0.7	6S	25E	36	SW¼ SE¼	"

TABLE No. 6 (Continued)  
Graham Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
21.7	6S	25E	36	SE¼ SE¼	Francis M. Skinner
4.6	6S	25E	36	SE¼ SE¼	Marion Skinner
18.1	6S	25E	31	NW¼ SW¼	"
8.4	6S	25E	31	NW¼ SW¼	James M. Talley
39.4	6S	25E	31	SE¼ SW¼	Francis M. Skinner
1.6	6S	25E	31	SE¼ SW¼	"
20.0	7S	25E	1	NE¼ NE¼	James M. Talley
23.4	7S	25E	5	SW¼ NW¼	William Wamsalee
17.3	7S	25E	6	NW¼ SW¼	"
3.7	7S	25E	6	NE¼ NE¼	R. A. Smith, Sr.
2.6	7S	25E	6	NW¼ NE¼	"
38.1	7S	25E	6	SW¼ NE¼	"
2.7	7S	25E	6	SW¼ NE¼	J. R. Golding
17.1	7S	25E	6	SE¼ NE¼	"
20.4	7S	25E	6	SE¼ NE¼	R. A. Smith, Sr.
21.2	7S	25E	6	NE¼ NW¼	P. O. Peterson
19.3	7S	25E	6	NW¼ NW¼	"
19.0	7S	25E	6	NW¼ NW¼	James M. Talley
5.2	7S	25E	6	SW¼ NW¼	"
18.0	7S	25E	6	SE¼ NW¼	"
7.3	7S	25E	6	SE¼ NW¼	J. R. Golding
25.0	7S	25E	6	NE¼ SE¼	"
10.8	7S	25E	6	NW¼ SE¼	"

TABLE No. 6 (Continued) Graham Canal—Lands and parties affected by priorities antedating 1905.				TABLE No. 6 (Continued) Graham Canal—Lands and parties affected by priorities antedating 1905.				TABLE No. 6 (Continued) Graham Canal—Lands and parties affected by priorities antedating 1905.									
Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Lands			Ownership	Parties owning lands described in the preceding column when jurisdiction acquired herein.	Num-ber of acres	Lands				
	Description						Description						Description				
	Twp.	Rge.	Sec.				Twp.	Rge.	Sec.				Twp.	Rge.	Sec.		
7.8	6S	25E	8	NW¼ SW¼	John C. Comper	13.5	6S	25E	22	SW¼ SW¼	E. D. Howard	21.7	6S	25E	38	SE¼ SE¼	Francis M. Skinner
10.0	6S	25E	8	NW¼ SW¼	J. P. Walker	1.3	6S	25E	22	SE¼ SW¼	J. M. Howard	2.4	6S	25E	38	SE¼ SE¼	Maroni Skinner
19.5	6S	25E	8	SW¼ SW¼	Simon Mathews	12.0	6S	25E	22	SW¼ SW¼	D. V. A. Talley	12.1	6S	25E	31	NW¼ SW¼	James M. Talley
7.0	6S	25E	8	SE¼ SW¼	William E. Bryce	6.5	6S	25E	22	SE¼ SW¼	"	"	6S	25E	31	NW¼ SW¼	Francis M. Skinner
15.0	6S	25E	8	SE¼ SE¼	S. N. Norton	0.1	6S	25E	22	NW¼ NE¼	Pratt Stewart	1.6	6S	25E	31	SE¼ SW¼	James M. Talley
14.0	6S	25E	16	NW¼ NW¼	J. E. Chesley	17.8	6S	25E	26	NE¼ NW¼	J. M. Howard	20.0	6S	25E	1	NE¼ NW¼	William Wamsley
3.7	6S	25E	16	SW¼ NW¼	Mrs. A. W. Chesley	16.8	6S	25E	26	NE¼ NW¼	S. D. Howard	23.4	6S	25E	3	SW¼ NW¼	William Wamsley
20.0	6S	25E	16	SW¼ NW¼	William Wamsley	24.0	6S	25E	26	NW¼ NW¼	Joseph Howard & J. M. Howard	17.3	6S	25E	3	SW¼ NW¼	"
2.3	6S	25E	16	SW¼ SW¼	G. A. Bryce	6.6	6S	25E	26	SW¼ NW¼	"	3.7	6S	25E	6	NE¼ NE¼	"
38.0	6S	25E	16	SE¼ SW¼	A. O. Lamoreaux, Jr.	2.7	6S	25E	26	SE¼ NW¼	Pratt Stewart	2.6	6S	25E	6	NW¼ NE¼	"
28.9	6S	25E	16	SE¼ NE¼	Wilfred Peterson	18.0	6S	25E	26	SE¼ NW¼	John Nulton	36.1	6S	25E	6	SW¼ NE¼	"
11.0	6S	25E	17	NE¼ NE¼	Mrs. A. W. Chesley	3.6	6S	25E	26	SE¼ NW¼	Joseph Howard & J. M. Howard	2.7	6S	25E	6	SW¼ NE¼	"
20.0	6S	25E	17	NW¼ NE¼	J. I. Palmer	11.4	6S	25E	26	NE¼ SW¼	Robert E. Read	17.1	6S	25E	6	SE¼ NE¼	"
17.0	6S	25E	17	SW¼ NE¼	Mrs. A. W. Chesley	3.0	6S	25E	26	NE¼ SW¼	K. V. B. Talley	20.4	6S	25E	6	SE¼ NE¼	"
40.0	6S	25E	17	SE¼ NE¼	S. S. Marshall	2.7	6S	25E	26	NE¼ SE¼	"	21.2	6S	25E	6	NE¼ NW¼	"
30.5	6S	25E	17	NW¼ NW¼	"	16.3	6S	25E	26	NW¼ SE¼	"	19.0	6S	25E	6	NW¼ NW¼	"
20.4	6S	25E	17	SW¼ NW¼	Carlisle Reynolds	10.8	6S	25E	26	NW¼ SE¼	"	19.0	6S	25E	6	NW¼ NW¼	"
8.8	6S	25E	17	SE¼ NW¼	W. M. Blair	8.9	6S	25E	26	SW¼ SE¼	"	5.2	6S	25E	6	SW¼ NW¼	"
2.1	6S	25E	17	NE¼ SW¼	Almera Hubbard	15.5	6S	25E	26	SE¼ SE¼	Robert E. Read	18.0	6S	25E	6	SW¼ NW¼	"
6.6	6S	25E	17	NW¼ SW¼	S. S. Marshall	24.7	6S	25E	26	SE¼ SE¼	E. D. Howard	7.3	6S	25E	6	SE¼ NW¼	"
8.1	6S	25E	17	NW¼ SW¼	Carlisle Reynolds	5.7	6S	25E	27	NE¼ NE¼	Charles Watson	25.0	6S	25E	6	NE¼ SE¼	"
10.6	6S	25E	17	SW¼ SW¼	W. M. Blair	0.6	6S	25E	35	NW¼ NE¼	K. V. B. Talley	10.8	6S	25E	6	NW¼ SE¼	"
2.9	6S	25E	17	SE¼ SW¼	Almera Hubbard	0.4	6S	25E	35	NW¼ NE¼	D. W. Sanders	"	"	"	"	"	"
7.7	6S	25E	17	NW¼ SE¼	W. M. Blair	2.0	6S	25E	35	NE¼ NE¼	J. T. Talley	"	"	"	"	"	"
18.7	6S	25E	17	NW¼ SE¼	Almera Hubbard	21.3	6S	25E	35	NW¼ NE¼	School District #8, County of Graham, State of Arizona.	"	"	"	"	"	"
20.4	6S	25E	17	SW¼ SE¼	Mrs. A. W. Chesley	1.3	6S	25E	35	NW¼ NE¼	Jerome Walker	"	"	"	"	"	"
36.4	6S	25E	17	SE¼ SE¼	J. W. Felshaw	7.8	6S	25E	35	SW¼ NE¼	J. T. Talley	"	"	"	"	"	"
12.5	6S	25E	19	NE¼ NE¼	John W. Matfice	2.9	6S	25E	35	SE¼ NE¼	Jerome Walker	"	"	"	"	"	"
10.4	6S	25E	20	NE¼ NE¼	Pima Corporation of the Church of Jesus Christ of Latter Day Saints.	16.8	6S	25E	35	SE¼ NE¼	D. W. Sanders	"	"	"	"	"	"
0.7	6S	25E	21	NE¼ NE¼	A. T. West	7.7	6S	25E	35	NE¼ NW¼	Alma Peterson	"	"	"	"	"	"
26.7	6S	25E	21	NW¼ NE¼	Brigham Stowell	0.1	6S	25E	35	NW¼ NW¼	Alma Peterson	"	"	"	"	"	"
38.0	6S	25E	21	SW¼ NE¼	C. M. Mack	4.0	6S	25E	35	NW¼ NW¼	Jerome Walker	"	"	"	"	"	"
16.1	6S	25E	21	SE¼ NE¼	A. T. West	0.9	6S	25E	35	SE¼ NW¼	Jerome Walker	"	"	"	"	"	"
38.8	6S	25E	21	SE¼ NE¼	W. F. Butler, Jr.	1.3	6S	25E	35	SE¼ NW¼	J. T. Talley	"	"	"	"	"	"
35.3	6S	25E	21	NW¼ NW¼	Mary Butler	0.6	6S	25E	35	SE¼ NW¼	Maroni Skinner	"	"	"	"	"	"
15.9	6S	25E	22	NW¼ NW¼	D. W. Sanders	30.0	6S	25E	35	NE¼ SE¼	D. W. Sanders	"	"	"	"	"	"
11.3	6S	25E	22	SW¼ NW¼	Charles Watson	6.4	6S	25E	35	NE¼ SE¼	Francis M. Skinner	"	"	"	"	"	"
16.6	6S	25E	22	SE¼ NW¼	"	2.9	6S	25E	35	NE¼ SE¼	D. W. Sanders	"	"	"	"	"	"
23.0	6S	25E	22	SE¼ NW¼	"	3.6	6S	25E	35	NE¼ SE¼	Francis M. Skinner	"	"	"	"	"	"
17.1	6S	25E	22	NW¼ SW¼	"	0.8	6S	25E	35	NE¼ SE¼	Maroni Skinner	"	"	"	"	"	"
22.2	6S	25E	22	NW¼ SW¼	"	8.0	6S	25E	35	NE¼ SE¼	J. T. Talley	"	"	"	"	"	"
13.5	6S	25E	22	SW¼ SE¼	"	21.7	6S	25E	35	NW¼ SE¼	Maroni Skinner	"	"	"	"	"	"
12.0	6S	25E	22	SE¼ SE¼	"	4.2	6S	25E	35	SW¼ SE¼	Francis M. Skinner	"	"	"	"	"	"
8.4	6S	25E	22	SE¼ SE¼	E. D. Howard	0.7	6S	25E	35	SW¼ SE¼	"	"	"	"	"	"	"

TABLE No. 7 (Continued)  
Fort Thomas Consolidated Canal—Lands and parties affected by  
priorities antedating 1905

TABLE No. 7 (Continued)  
Fort Thomas Consolidated Canal—Lands and parties affected by  
priorities antedating 1905

TABLE No. 7  
Fort Thomas Consolidated Canal—Lands and parties affected by  
priorities antedating 1905

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
6.5	4S	23E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. E. Pulsipher
6.0	4S	23E	17	NW $\frac{1}{4}$ SW $\frac{1}{4}$	L. M. Taylor
3.1	4S	23E	17	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Henry Dial
3.4	4S	23E	17	SW $\frac{1}{4}$ SE $\frac{1}{4}$	J. E. Pulsipher
15.6	4S	23E	18	NW $\frac{1}{4}$ NE $\frac{1}{4}$	E. W. Black
12.6	4S	23E	18	SW $\frac{1}{4}$ NE $\frac{1}{4}$	L. M. Taylor
28.8	4S	23E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$	C. J. Grover
2.1	4S	23E	19	NW $\frac{1}{4}$ NW $\frac{1}{4}$	L. M. Taylor
24.5	4S	23E	20	NW $\frac{1}{4}$ NE $\frac{1}{4}$	C. N. Rose
13.2	4S	23E	20	SW $\frac{1}{4}$ NE $\frac{1}{4}$	C. J. Grover
1.0	4S	23E	20	SE $\frac{1}{4}$ NE $\frac{1}{4}$	C. N. Rose
1.5	4S	23E	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$	C. J. Grover
9.0	4S	23E	20	SE $\frac{1}{4}$ NW $\frac{1}{4}$	C. N. Rose
14.6	4S	23E	20	NW $\frac{1}{4}$ NW $\frac{1}{4}$	C. J. Grover
6.9	4S	23E	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$	C. N. Rose
28.8	4S	23E	20	SE $\frac{1}{4}$ NW $\frac{1}{4}$	P. L. Motes & D. T. Motes
3.9	4S	23E	20	NW $\frac{1}{4}$ SW $\frac{1}{4}$	William H. Holyoak
28.7	4S	23E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	P. L. Motes & D. T. Motes
20.1	4S	23E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Grady Coppidge
5.7	4S	23E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	C. J. Grover
2.6	4S	23E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	P. L. Motes & D. T. Motes
18.3	4S	23E	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	C. J. Grover
4.5	4S	23E	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	P. L. Motes & D. T. Motes
1.1	4S	23E	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	C. J. Grover
2.1	4S	23E	20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Grady Coppidge
18.5	4S	23E	20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Jacob Peters
15.5	4S	23E	20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Alonzo Winsor
27.3	4S	23E	21	SW $\frac{1}{4}$ SW $\frac{1}{4}$	(Leslie Montierth & Wendell Montierth)
13.5	4S	23E	21	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. S. J. Hunter
15.6	4S	23E	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$	Charles E. Dallas
21.2	4S	23E	28	NW $\frac{1}{4}$ NW $\frac{1}{4}$	J. H. Elmer
38.5	4S	23E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	James E. Jones
2.6	4S	23E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	George P. Ballard
33.1	4S	23E	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$	George W. Healy
16.9	4S	23E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	George P. Ballard
18.9	4S	23E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	William O. Tyler
29.1	4S	23E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Robert Ferrin
16.6	4S	23E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	T. J. Rex
6.1	4S	23E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Charles S. Clark
19.8	4S	23E	28	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Juan Garcia
30.0	4S	23E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Robert Ferrin
8.9	4S	23E	34	SW $\frac{1}{4}$ NE $\frac{1}{4}$	William O. Tyler
5.1	4S	23E	34	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Robert Ferrin
5.3	4S	23E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	T. J. Rex
17.3	4S	23E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Charles S. Clark
29.8	4S	23E	35	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Juan Garcia
7.9	4S	23E	35	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Robert Ferrin
7.3	4S	23E	35	NW $\frac{1}{4}$ SW $\frac{1}{4}$	William O. Tyler
17.2	4S	23E	35	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Robert Ferrin
34.3	4S	23E	36	NE $\frac{1}{4}$ SE $\frac{1}{4}$	W. O. Tuttle
9.1	4S	23E	36	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Claude M. Lee
31.1	4S	23E	1	NW $\frac{1}{4}$ SW $\frac{1}{4}$	

TABLE No. 8  
Brown Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
0.1	6S	27E	34	SW¼ SE¼	Eras Curtis
6.2	6S	27E	34	SE¼ SE¼	L. B. Head
7.6	6S	27E	35	SW¼ NE¼	Manuel Sanchez
4.7	6S	27E	35	SE¼ NE¼	Adiel Sanchez
23.1	6S	27E	35	SW¼ NE¼	Expediton Sadilla
3.7	6S	27E	35	SE¼ NE¼	Harry Van Orden, Adminis- trator of the Estate of
9.7	6S	27E	35	NE¼ SW¼	Harry Van Orden, deceased
10.7	6S	27E	35	SE¼ SW¼	L. B. Head
2.2	6S	27E	35	SE¼ SW¼	Harry Van Orden, Adminis- trator of the Estate of
5.9	6S	27E	35	NE¼ SE¼	Expediton Sadilla
13.7	6S	27E	35	SE¼ SE¼	Adiel Sanchez
0.5	6S	27E	35	NE¼ SE¼	Manuel Sanchez
3.9	6S	27E	35	NE¼ SE¼	Amadeo Esjardo
7.2	6S	27E	35	NW¼ SE¼	Manuel Sanchez
9.8	6S	27E	35	NW¼ SE¼	Harry Van Orden, Adminis- trator of the Estate of
3.0	6S	27E	35	NW¼ SE¼	Harry Van Orden, deceased
4.3	6S	27E	36	SW¼ NW¼	Santos Serna
3.6	6S	27E	36	SW¼ NW¼	Isias Sanchez
2.1	6S	27E	36	SW¼ NW¼	Catalina Entzaminger
3.2	6S	27E	36	SW¼ NW¼	Eliseo Sanchez
2.0	6S	27E	36	SW¼ NW¼	Expediton Sadilla
2.1	6S	27E	36	SE¼ NW¼	Santos Serna
5.6	6S	27E	36	SE¼ NW¼	Abel Sanchez
8.1	6S	27E	36	NE¼ SW¼	Daniel Sanchez
25.0	6S	27E	36	NE¼ SW¼	Abel Sanchez
8.0	6S	27E	36	NE¼ SW¼	Santos Serna
1.0	6S	27E	36	NW¼ SW¼	Abel Sanchez
7.0	6S	27E	36	NW¼ SW¼	Isias Sanchez
4.7	6S	27E	36	NW¼ SW¼	Catalina Entzaminger
3.7	6S	27E	36	NW¼ SW¼	Eliseo Sanchez
2.4	6S	27E	36	NW¼ SW¼	Expediton Sadilla
1.4	6S	27E	36	NE¼ SE¼	Juvenal Perolas, Adminis- trator of the Estate of
5.8	6S	27E	36	NE¼ SE¼	Damos De Leon, deceased.
2.3	6S	27E	36	NW¼ SE¼	John T. Traylor
26.7	6S	27E	36	NW¼ SE¼	Daniel Sanchez
1.6	6S	27E	36	SW¼ SE¼	John T. Traylor
0.9	6S	27E	36	SW¼ SE¼	Juvenal Perolas, Adminis- trator of the Estate of
2.7	6S	27E	36	SE¼ SE¼	Damos DeLeon, deceased.
7.8	6S	27E	36	SE¼ SE¼	P. Johnson
7.4	6S	28E	31	NE¼ SW¼	

TABLE No. 8 (Continued)  
Brown Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
13.1	6S	28E	31	SW¼ SW¼	P. Johnson
13.5	6S	28E	31	SE¼ SW¼	"
12.0	6S	28E	31	NW¼ SE¼	"
31.6	6S	28E	31	NW¼ SE¼	"
16.0	6S	28E	31	SW¼ SE¼	"
0.8	6S	28E	31	SE¼ SE¼	"
20.3	7S	27E	2	NW¼ NW¼	Emilia Viola
36.8	7S	27E	3	NW¼ NE¼	Eras Curtis
11.6	7S	27E	3	NW¼ NE¼	L. B. Head
11.0	7S	27E	3	NE¼ NW¼	Claro Dominiques
26.2	7S	27E	3	SW¼ NW¼	Edward Carpenter
36.5	7S	27E	3	SE¼ NW¼	Edwin Moody
33.0	7S	27E	3	NE¼ SW¼	Edwin Moody
35.8	7S	27E	3	NW¼ SW¼	Edward Carpenter
34.5	7S	27E	3	SW¼ SW¼	Edwin Moody
7.1	7S	27E	3	SE¼ SW¼	H. C. Usher
12.9	7S	27E	4	SW¼ SE¼	W. R. Chambers
6.3	7S	27E	4	SW¼ SE¼	"
38.0	7S	27E	4	SW¼ SE¼	"
28.6	7S	27E	4	SW¼ SE¼	"
36.8	7S	27E	4	SW¼ SE¼	"
15.0	7S	27E	4	SW¼ SE¼	"
19.5	7S	27E	4	SW¼ SE¼	"
2.5	7S	27E	4	SW¼ SE¼	"
0.6	7S	27E	4	SW¼ SE¼	"
25.7	7S	27E	4	SW¼ SE¼	"
9.6	7S	27E	4	SW¼ SE¼	"
27.9	7S	27E	4	SW¼ SE¼	"

TABLE No. 9  
Dodge-Nevada Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
9.6	5S	24E	19	NW¼ SW¼	Gilbert Richardson
17.4	5S	24E	19	SW¼ SW¼	C. J. Farrington
2.0	5S	24E	19	NE¼ SW¼	"
27.3	5S	24E	30	NW¼ SE¼	"
6.5	5S	24E	30	SW¼ SE¼	Thomas H. Hundley
14.4	5S	24E	30	SW¼ SE¼	"
6.8	5S	24E	30	SE¼ SE¼	Art Lee
6.3	5S	24E	31	NE¼ NE¼	"
0.3	5S	24E	31	NW¼ NE¼	"
24.4	5S	24E	31	NW¼ NE¼	"
38.4	5S	24E	31	SW¼ NE¼	"
6.1	5S	24E	31	SE¼ NE¼	William Boren
8.8	5S	24E	31	SE¼ NE¼	Mrs. J. E. Cluff
16.5	5S	24E	31	SE¼ NE¼	William Boren
24.4	5S	24E	31	NE¼ SW¼	R. R. Shipp
8.0	5S	24E	32	NW¼ SW¼	"
8.0	5S	24E	32	SW¼ SW¼	"
11.4	5S	24E	32	SE¼ SW¼	"
0.6	5S	24E	32	SE¼ SW¼	"
9.6	5S	24E	32	NE¼ SW¼	A. C. Hunt
3.1	5S	24E	32	NE¼ SW¼	F. A. Farrell & A. T. West
1.0	5S	24E	32	SW¼ SW¼	A. J. Curtis
5.1	5S	24E	32	SW¼ SW¼	D. H. Matthews
20.0	5S	24E	32	SW¼ SW¼	F. A. Farrell & A. T. West
19.5	5S	24E	32	SW¼ SW¼	"
19.9	5S	24E	32	SW¼ SW¼	"
1.4	5S	24E	32	SW¼ SW¼	A. C. Hunt
1.1	5S	24E	32	NW¼ SE¼	"
26.4	5S	24E	32	SW¼ SE¼	"
10.0	5S	24E	32	SW¼ SE¼	F. A. Farrell & A. T. West
21.1	5S	24E	32	SW¼ SE¼	John Hicks
32.6	5S	24E	32	SW¼ SE¼	Joseph E. Follett
4.5	5S	24E	32	SW¼ SE¼	"
1.2	5S	24E	32	SW¼ SE¼	"
18.3	5S	24E	32	SW¼ SE¼	"
8.0	5S	24E	32	SW¼ SE¼	"
20.8	5S	24E	32	SW¼ SE¼	F. Sanchez
3.4	5S	24E	32	SW¼ SE¼	Benjamin Echols
3.2	5S	24E	32	SW¼ SE¼	A. J. Curtis
29.7	5S	24E	32	SW¼ SE¼	"
10.0	5S	24E	32	SW¼ SE¼	A. O. Mack
6.3	5S	24E	32	SW¼ SE¼	Martha McElroy
29.8	5S	24E	32	SW¼ SE¼	A. J. Curtis
3.0	5S	24E	32	SW¼ SE¼	C. A. Matthews
16.4	5S	24E	32	SW¼ SE¼	"
20.2	5S	24E	32	SW¼ SE¼	Eliza Matthews
19.8	5S	24E	32	SW¼ SE¼	A. C. Hunt
1.7	5S	24E	32	SW¼ SE¼	"
16.3	5S	24E	32	SW¼ SE¼	C. A. Matthews
33.2	5S	24E	32	SW¼ SE¼	Eliza Matthews
28.9	5S	24E	32	SW¼ SE¼	C. A. Matthews
9.2	5S	24E	32	SW¼ SE¼	D. H. Matthews
	5S	24E	32	SW¼ SE¼	F. A. Farrell & A. T. West

TABLE No. 8  
Brown Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Referred to G. & S. R. B. & M.	Age.	Subdivision	
0.1	34	27E	SW 1/4 SE 1/4	Ezra Curtis
6.2	34	27E	SE 1/4 SE 1/4	L. B. Head
7.6	35	27E	SW 1/4 NE 1/4	Manuel Sanchez
4.7	35	27E	SE 1/4 NE 1/4	Adiel Sanchez
23.1	35	27E	SW 1/4 NE 1/4	Espedicion Sadilla
3.7	35	27E	SE 1/4 NE 1/4	Harry Van Order, Adminis- trator of the Estate of
9.7	35	27E	NE 1/4 SW 1/4	Harry Van Order, deceased
10.7	35	27E	SW 1/4 SW 1/4	L. B. Head
2.2	35	27E	SE 1/4 SW 1/4	Harry Van Order, Adminis- trator of the Estate of
5.9	35	27E	NE 1/4 SE 1/4	Harry Van Order, deceased.
13.7	35	27E	NE 1/4 SE 1/4	Espedicion Sadilla
0.5	35	27E	NE 1/4 SE 1/4	Adiel Sanchez
3.9	35	27E	NE 1/4 SE 1/4	Manuel Sanchez
7.2	35	27E	NE 1/4 SE 1/4	Amadeo Fajardo
9.8	35	27E	NE 1/4 SE 1/4	Manuel Sanchez
3.0	35	27E	NW 1/4 SE 1/4	Harry Van Order, Adminis- trator of the Estate of
4.3	35	27E	SW 1/4 NW 1/4	Santos Serna
2.1	35	27E	SW 1/4 NW 1/4	Jesus Sanchez
2.7	35	27E	SW 1/4 NW 1/4	Catalina Entzminger
2.0	35	27E	SW 1/4 NW 1/4	Euseo Sanchez
2.1	35	27E	SW 1/4 NW 1/4	Espedicion Sadilla
5.0	35	27E	SW 1/4 NW 1/4	Santos Serna
2.1	35	27E	SW 1/4 NW 1/4	Abel Sanchez
26.0	35	27E	SW 1/4 NW 1/4	Daniel Sanchez
0.8	35	27E	SW 1/4 NW 1/4	Santos Serna
8.9	35	27E	SW 1/4 NW 1/4	Abel Sanchez
1.0	35	27E	SW 1/4 NW 1/4	Jesus Sanchez
7.6	35	27E	SW 1/4 NW 1/4	Catalina Entzminger
4.1	35	27E	SW 1/4 NW 1/4	Euseo Sanchez
3.7	35	27E	SW 1/4 NW 1/4	Espedicion Sadilla
2.8	35	27E	SW 1/4 NW 1/4	Juvenal Perolas, Adminis- trator of the Estate of
1.1	35	27E	NE 1/4 SE 1/4	Dames De Leon, deceased.
5.8	36	27E	NE 1/4 SE 1/4	John T. Traylor
2.3	36	27E	NW 1/4 SE 1/4	Daniel Sanchez
26.7	36	27E	NW 1/4 SE 1/4	John T. Traylor
1.6	36	27E	SW 1/4 SE 1/4	Juvenal Perolas, Adminis- trator of the Estate of
0.9	36	27E	SW 1/4 SE 1/4	Dames DeLeon, deceased.
2.7	36	27E	SW 1/4 SE 1/4	P. Johnson
7.8	36	27E	SE 1/4 SE 1/4	
7.4	31	28E	NE 1/4 SW 1/4	

TABLE No. 8 (Continued)  
Brown Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Referred to G. & S. R. B. & M.	Age.	Subdivision	
13.1	31	28E	SW 1/4 SW 1/4	P. Johnson
13.5	31	28E	SE 1/4 SW 1/4	"
13.0	31	28E	NE 1/4 SE 1/4	"
31.6	31	28E	NW 1/4 SE 1/4	"
16.0	31	28E	SW 1/4 SE 1/4	"
0.8	31	28E	SE 1/4 SE 1/4	"
5.4	2	27E	NW 1/4 NW 1/4	Emula Vials
20.3	3	27E	NE 1/4 NE 1/4	Ezra Curtis
36.8	3	27E	NW 1/4 NE 1/4	L. B. Head
11.0	3	27E	SW 1/4 NW 1/4	Claro Dominiques
2.9	3	27E	NW 1/4 NW 1/4	Edward Carpenter
25.2	3	27E	SW 1/4 NW 1/4	Edwin Moody
33.5	3	27E	SE 1/4 NW 1/4	Edward Carpenter
35.8	3	27E	NW 1/4 SW 1/4	"
34.1	3	27E	SW 1/4 SW 1/4	Edwin Moody
7.1	3	27E	SE 1/4 SW 1/4	H. C. Usher
12.9	3	27E	NE 1/4 SE 1/4	W. R. Chambers
6.3	4	27E	SW 1/4 SE 1/4	"
32.6	4	27E	SE 1/4 SE 1/4	"
38.8	9	27E	NW 1/4 NE 1/4	"
13.5	9	27E	SW 1/4 NE 1/4	"
2.5	9	27E	NE 1/4 NW 1/4	Abram Madrid
0.0	9	27E	NE 1/4 NW 1/4	T. J. Stewart
26.7	9	27E	NW 1/4 NW 1/4	"
9.6	9	27E	SW 1/4 NW 1/4	"
27.9	9	27E	SE 1/4 NW 1/4	Abram Madrid

TABLE No. 9  
Dodge-Nevada Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership
	Description			
	Referred to G. & S. R. B. & M.	Age.	Subdivision	
9.6	19	24E	NW 1/4 SW 1/4	Gilbert Richardson
17.4	19	24E	SW 1/4 SW 1/4	C. J. Farrington
2.9	30	24E	NE 1/4 SW 1/4	"
27.3	30	24E	NW 1/4 SW 1/4	"
5.5	30	24E	SW 1/4 SW 1/4	"
14.4	30	24E	SE 1/4 SW 1/4	Thomas H. Hundley
6.8	30	24E	SW 1/4 SW 1/4	Art Leo
5.3	31	24E	NE 1/4 NE 1/4	"
0.3	31	24E	NW 1/4 NE 1/4	"
24.4	31	24E	SW 1/4 NE 1/4	"
36.4	31	24E	SE 1/4 NE 1/4	"
6.1	31	24E	SW 1/4 NE 1/4	"
8.8	31	24E	SE 1/4 NE 1/4	William Boren
16.5	31	24E	SW 1/4 NE 1/4	Mrs. J. E. Cluff
24.0	31	24E	NE 1/4 NE 1/4	William Boren
8.0	32	24E	NW 1/4 SW 1/4	R. R. Shipp
0.3	32	24E	SW 1/4 SW 1/4	"
11.4	32	24E	SE 1/4 SW 1/4	"
0.6	32	24E	SW 1/4 SW 1/4	"
3.1	3	24E	NE 1/4 SW 1/4	A. C. Hunt
9.6	3	24E	SW 1/4 SW 1/4	F. A. Farrell & A. T. West
1.0	3	24E	SE 1/4 SW 1/4	A. J. Curtis
20.0	3	24E	SW 1/4 SW 1/4	D. H. Matthews
19.5	3	24E	SE 1/4 SW 1/4	F. A. Farrell & A. T. West
19.9	3	24E	SW 1/4 SW 1/4	"
1.4	3	24E	NE 1/4 SE 1/4	A. C. Hunt
6.1	3	24E	SW 1/4 SE 1/4	"
25.4	3	24E	SW 1/4 SE 1/4	"
10.0	3	24E	SE 1/4 SE 1/4	F. A. Farrell & A. T. West
21.1	3	24E	SW 1/4 SE 1/4	John Hicks
39.6	4	24E	NW 1/4 NW 1/4	A. O. Mack
4.4	4	24E	SW 1/4 NW 1/4	Joseph E. Follett
4.4	4	24E	SE 1/4 NW 1/4	"
1.2	4	24E	NE 1/4 NW 1/4	"
18.3	4	24E	NW 1/4 NW 1/4	"
8.0	4	24E	SW 1/4 NW 1/4	F. Sanchez
20.8	4	24E	SE 1/4 NW 1/4	Benjamin Echols
6.4	4	24E	SW 1/4 NW 1/4	A. J. Curtis
3.2	4	24E	SE 1/4 NW 1/4	"
29.7	5	24E	NE 1/4 NE 1/4	A. O. Mack
10.0	5	24E	NE 1/4 NE 1/4	Martha McElroy
6.3	9	24E	NE 1/4 NE 1/4	A. J. Curtis
29.8	10	24E	NE 1/4 NE 1/4	C. A. Matthews
3.0	10	24E	NW 1/4 NE 1/4	"
20.2	10	24E	NW 1/4 NE 1/4	Ellis Matthews
16.4	10	24E	NW 1/4 NE 1/4	A. C. Hunt
19.8	10	24E	SW 1/4 NE 1/4	"
1.7	10	24E	SW 1/4 NE 1/4	C. A. Matthews
1K.2	10	24E	SW 1/4 NE 1/4	Ellis Matthews
33.0	10	24E	SE 1/4 NE 1/4	C. H. Matthews
28.0	10	24E	NE 1/4 NW 1/4	D. H. Matthews
9.2	10	24E	NE 1/4 NW 1/4	F. A. Farrell & A. T. West

TABLE No. 9 (Continued)  
Dodge-Nevada Canal—Lands and parties affected by priorities  
antecedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
19.9	6S	24E	10	NW¼ NW¼	F. A. Farrell & A. T. West
4.5	6S	24E	10	NW¼ NW¼	A. J. Curtis
2.1	6S	24E	10	SW¼ NW¼	D. H. Matthews
1.2	6S	24E	10	SW¼ NW¼	F. A. Farrell & A. T. West
0.4	6S	24E	10	SE¼ NW¼	" " " "
4.5	6S	24E	10	SE¼ NW¼	D. H. Matthews
1.6	6S	24E	10	SW¼ SE¼	Leo Keiffer
4.0	6S	24E	11	SW¼ SE¼	J. A. Mack
1.6	6S	24E	11	SW¼ NW¼	Leht Larson, Sr.
8.1	6S	24E	11	SW¼ NW¼	H. B. Elledge
11.6	6S	24E	11	SE¼ NW¼	" " " "
7.4	6S	24E	11	NW¼ SW¼	Earl Larson
1.7	6S	24E	11	NW¼ SW¼	H. B. Elledge
1.7	6S	24E	11	NW¼ SW¼	" " " "
19.9	6S	24E	11	SE¼ SW¼	P. A. Norton
3.7	6S	24E	11	SE¼ SW¼	Alof P. Carter
8.2	6S	24E	11	NE¼ SE¼	Alof P. Carter, Administrator of the Estate of E. L. Carter, deceased.
13.4	6S	24E	11	NE¼ SE¼	" " " "
24.7	6S	24E	11	NW¼ SE¼	J. A. Mack
15.9	6S	24E	11	SW¼ SE¼	P. A. Norton
18.3	6S	24E	11	SW¼ SE¼	" " " "
5.7	6S	24E	11	SW¼ SE¼	Leht Larson, Sr.
5.7	6S	24E	11	SW¼ SE¼	Mrs. Olivia Larson
7.7	6S	24E	11	SW¼ SE¼	Alof P. Carter
11.5	6S	24E	11	SE¼ SE¼	Alof P. Carter, Administrator of the Estate of E. L. Carter, deceased.
12.5	6S	24E	11	SE¼ SE¼	" " " "
8.6	6S	24E	11	SE¼ SE¼	James M. Larson
6.3	6S	24E	11	SE¼ SE¼	W. A. Carter, Sr.
1.6	6S	24E	12	NW¼ SW¼	Mrs. Sarah Barney
36.3	6S	24E	12	SW¼ SW¼	F. H. McBride
0.8	6S	24E	12	SW¼ SW¼	John H. Foster
5.2	6S	24E	12	SE¼ SW¼	I. A. Follett
6.3	6S	24E	12	SE¼ SW¼	John H. Foster
1.2	6S	24E	12	SE¼ SW¼	Roy Saline
0.3	6S	24E	12	SW¼ SE¼	J. H. Mack
3.4	6S	24E	12	SW¼ SE¼	" " " "
16.2	6S	24E	12	SE¼ SE¼	" " " "
30.7	6S	24E	13	NE¼ NE¼	" " " "
2.6	6S	24E	13	NW¼ NE¼	J. H. Mack
35.9	6S	24E	13	SW¼ NE¼	" " " "
7.9	6S	24E	13	SW¼ NE¼	H. J. Anderson
16.2	6S	24E	13	SE¼ NE¼	Roy Saline
13.4	6S	24E	13	NE¼ NW¼	John H. Foster
0.9	6S	24E	13	NW¼ NW¼	" " " "
27.0	6S	24E	13	NW¼ NW¼	P. H. McBride, Jr.
7.5	6S	24E	14	NE¼ NE¼	W. A. Carter, Sr.
6.9	6S	24E	14	NE¼ NE¼	James M. Larson
1.1	6S	24E	14	NE¼ NE¼	Mrs. Charlotte Wilkins

TABLE No. 9 (Continued)  
Dodge-Nevada Canal—Lands and parties affected by priorities  
antecedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Twp.	Rge.	Sec.		
7.0	6S	24E	14	NE¼ NE¼	Alof P. Carter, Administrator of the estate of E. L. Carter, deceased.
4.3	6S	24E	14	NW¼ NE¼	Mrs. Olivia Larson
2.3	6S	24E	14	NW¼ NE¼	Leht Larson, Sr.
3.7	6S	24E	14	NW¼ NE¼	C. B. Boren
2.4	6S	24E	13	SE¼ NW¼	W. A. Lines
19.8	6S	24E	13	SW¼ NW¼	H. J. Anderson
10.3	6S	24E	13	NE¼ SW¼	W. A. Lines
1.9	6S	24E	18	NE¼ SE¼	Lewis P. Mattice
12.6	6S	24E	18	NW¼ SE¼	" " " "

TABLE No. 10  
Smithville Canal—Lands and parties affected by priorities  
antecedating 1905.

Num-ber of acres	Lands				Ownership
	Description				
	Referred to G. & S. R. B. & M.				
	Twp.	Rge.	Sec.	Subdivision	
10.7	6S	24E	11	NE¼ SW¼	H. B. Elledge
4.1	6S	24E	11	SE¼ SW¼	" " " "
25.7	6S	24E	13	SW¼ NE¼	J. H. Mack
4.4	6S	24E	13	SW¼ NE¼	J. A. Mack
38.0	6S	24E	13	SW¼ SE¼	H. J. Anderson.
26.2	6S	24E	13	NW¼ SE¼	Karl Foster
11.1	6S	24E	13	SW¼ SE¼	" " " "
1.6	6S	24E	13	SW¼ SE¼	Niels J. Roseberry
18.8	6S	24E	13	SE¼ SE¼	H. J. Anderson
7.3	6S	24E	13	SE¼ SE¼	" " " "
1.7	6S	24E	17	SW¼ NW¼	John W. Mattice
7.9	6S	24E	17	SW¼ NW¼	H. J. Anderson
10.2	6S	24E	18	NE¼ SW¼	W. A. Lines
27.2	6S	24E	18	NE¼ SW¼	" " " "
29.5	6S	24E	18	NE¼ SW¼	" " " "
4.5	6S	24E	18	SE¼ SW¼	John W. Mattice
11.7	6S	24E	18	SE¼ SW¼	Lewis P. Mattice
1.2	6S	24E	18	NW¼ SE¼	W. E. McBride
11.5	6S	24E	18	SW¼ SE¼	D. C. McBride
15.7	6S	24E	18	SW¼ SE¼	William C. Taylor
8.7	6S	24E	18	SW¼ SE¼	Thomas Dodge
3.9	6S	24E	18	SW¼ SE¼	Jane L. Mattice
28.1	6S	24E	18	SE¼ SE¼	John W. Mattice
5.1	6S	24E	18	SE¼ SE¼	" " " "
27.4	6S	24E	19	NE¼ NE¼	W. W. Crockett
5.6	6S	24E	19	NE¼ NE¼	H. W. Crockett
4.9	6S	24E	19	NE¼ NE¼	" " " "
13.0	6S	24E	19	NW¼ NE¼	W. W. Crockett
12.1	6S	24E	19	NW¼ NE¼	John W. Mattice
4.2	6S	24E	19	NW¼ NE¼	W. W. Crockett
10.0	6S	24E	19	SW¼ NE¼	H. W. Crockett
9.0	6S	24E	19	SW¼ NE¼	S. S. Marshall
11.7	6S	24E	19	SE¼ NE¼	W. W. Crockett
19.7	6S	24E	19	SE¼ NE¼	H. W. Crockett
15.7	6S	24E	19	SE¼ NE¼	S. S. Marshall
10.9	6S	24E	19	SE¼ NE¼	Charles Rogers
3.9	6S	24E	19	NE¼ SE¼	Mrs. John Shields
13.3	6S	24E	19	NE¼ SE¼	Joseph H. Lines
9.2	6S	24E	19	NE¼ NW¼	W. A. Lines
21.3	6S	24E	19	NW¼ NW¼	" " " "
130.00	6S	24E	19	and 20	Town of Pima
37.5	6S	24E	19	NW¼ NW¼	John W. Mattice
6.8	6S	24E	20	NW¼ NW¼	Henry Lines
18.4	6S	24E	20	SW¼ NW¼	Al Lines
7.3	6S	24E	20	SW¼ NW¼	W. E. McBride
7.8	6S	24E	20	SW¼ NW¼	Charles Kerby
7.9	6S	24E	20	SW¼ NW¼	Al Lines
6.3	6S	24E	20	NE¼ SW¼	S. O. Williams
18.2	6S	24E	20	NE¼ SW¼	Mrs. Maude Allied
2.4	6S	24E	20	NE¼ SW¼	George Reynolds
7.0	6S	24E	20	NE¼ SW¼	John E. Taylor
14.9	6S	24E	20	NE¼ SW¼	W. A. Clark
26.4	6S	24E	20	NE¼ SW¼	John Saline
11.5	6S	24E	20	NW¼ SW¼	" " " "
3.2	6S	24E	20	NW¼ SW¼	S. O. Williams
6.8	6S	24E	20	NW¼ SW¼	John E. Taylor
3.1	6S	24E	20	NW¼ SW¼	W. L. Follett
1.1	6S	24E	20	NW¼ SW¼	" " " "

Parties owning lands described in the preceding column when jurisdiction acquired herein.

Parties owning lands described in the preceding column when jurisdiction acquired herein.

Parties owning lands described in the preceding column when jurisdiction acquired herein.

TABLE No. 10 (Continued)  
Smithville Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	Num-ber of acres	Lands			Ownership
	Description					Description			
	Referred to G. & S. R. B. & M.					Referred to G. & S. R. B. & M.			
Twp.	Rge.	Sec.	Subdivision	Twp.	Rge.	Sec.	Subdivision		
13.8	65	25E	20	SE¼ SW¼	1.4	24E	7	NW¼ SE¼	E. W. McEuen
22.8	65	25E	20	SE¼ SW¼	19.5	24E	7	SW¼ SE¼	" "
16.3	65	25E	20	NE¼ SE¼	5.5	24E	7	SW¼ NW¼	P. M. Ferrell
40.0	65	25E	20	NW¼ SE¼	15.7	24E	17	SW¼ NW¼	" "
12.6	65	25E	20	SW¼ SE¼	2.4	24E	17	SE¼ NW¼	" "
17.7	65	25E	20	SW¼ SE¼	10.6	24E	17	NE¼ SW¼	" "
7.6	65	25E	20	SW¼ SE¼	2.4	24E	17	NW¼ SW¼	" "
20.4	65	25E	20	SE¼ SE¼	33.0	24E	17	SW¼ SW¼	" "
6.0	65	25E	20	SE¼ SE¼	15.7	24E	17	SW¼ SW¼	" "
10.6	65	25E	21	SE¼ SW¼	27.0	24E	18	NW¼ NE¼	A. F. McEuen
7.8	65	25E	27	NE¼ NW¼	0.5	24E	18	NW¼ NE¼	" "
6.2	65	25E	27	SW¼ NW¼	12.9	24E	18	SW¼ NE¼	" "
8.2	65	25E	27	SW¼ NW¼	20.9	24E	18	SW¼ NE¼	" "
19.2	65	25E	27	SW¼ NW¼	30.3	24E	18	SW¼ NE¼	Virgil R. McEuen
8.2	65	25E	27	SW¼ NW¼	13.2	24E	19	NW¼ NW¼	Scott Holladay
22.0	65	25E	27	SE¼ NW¼	40.0	24E	20	SW¼ NW¼	E. G. Bullard
38.6	65	25E	27	NW¼ SW¼	22.0	24E	20	NE¼ SW¼	Jaared T. Brown
1.0	65	25E	27	NW¼ SW¼	13.4	24E	20	NW¼ SW¼	" "
1.0	65	25E	27	NW¼ SW¼	16.6	24E	20	SW¼ SW¼	Van D. Palmer
37.6	65	25E	27	SW¼ SW¼	24.6	24E	20	SE¼ SW¼	W. G. Marshall
37.1	65	25E	27	SW¼ SW¼	15.8	24E	20	NE¼ SE¼	Jaared T. Brown
37.3	65	25E	27	SW¼ SW¼	10.7	24E	20	SW¼ SE¼	W. G. Marshall
38.0	65	25E	28	SE¼ NE¼	30.1	24E	20	SW¼ SE¼	L. M. Thatcher
33.6	65	25E	28	SE¼ NE¼	11.9	24E	20	SE¼ SE¼	" "
30.1	65	25E	28	NW¼ NW¼	9.2	24E	20	SE¼ SE¼	W. G. Marshall
					1.5	24E	21	SW¼ NW¼	Heber C. Kimball
					23.1	24E	23	SW¼ NW¼	Adelaide M. Bryce
19.5	65	25E	28	SW¼ NW¼	9.4	24E	23	SW¼ NW¼	Ass. B. Bryce
13.7	65	25E	28	SE¼ NW¼	0.7	24E	23	SW¼ NW¼	Calvin I. Kempton
10.1	65	25E	28	SE¼ NW¼	0.7	24E	23	SW¼ NW¼	R. O. Ranier
14.4	65	25E	28	SE¼ NW¼	1.0	24E	23	SW¼ NW¼	Calvin I. Kempton
34.2	65	25E	28	SE¼ NW¼	5.7	24E	23	SW¼ NW¼	Calvin I. Kempton
36.8	65	25E	28	NE¼ SW¼	7.3	24E	23	NW¼ SW¼	B. O. Ranier
0.2	65	25E	28	NE¼ SW¼	10.9	24E	23	NW¼ SW¼	Henry A. Waters
39.1	65	25E	28	NE¼ SW¼	2.9	24E	23	SW¼ SW¼	Antone Christensen
17.5	65	25E	28	NE¼ SW¼	1.1	24E	23	SW¼ SW¼	Heber Kempton
21.9	65	25E	28	NW¼ SE¼	1.0	24E	23	SW¼ SW¼	Thomas F. Fuller
14.3	65	25E	28	NW¼ SE¼	0.9	24E	23	SW¼ SW¼	Henry E. Plumb
35.7	65	25E	28	SE¼ SE¼	2.5	24E	23	SW¼ SW¼	E. Palmer
39.5	65	25E	29	NW¼ NE¼	2.5	24E	23	SE¼ SW¼	Calvin I. Kempton
36.7	65	25E	29	NW¼ NE¼	10.9	24E	23	SE¼ SW¼	Adelaide M. Bryce
31.5	65	25E	29	SE¼ NE¼	4.7	24E	23	SE¼ SW¼	Lee L. Palmer
1.0	65	25E	29	SE¼ NE¼	4.0	24E	23	SE¼ SW¼	E. Palmer
21.4	65	25E	29	NE¼ NW¼	1.7	24E	23	SE¼ SW¼	Mrs. Elizabeth Curtis
17.6	65	25E	29	NE¼ NW¼	19.2	24E	23	SE¼ SW¼	Roy Palmer
13.6	65	25E	34	NE¼ NW¼	20.0	24E	29	NE¼ NE¼	W. G. Marshall
17.4	65	25E	34	NW¼ NW¼	20.0	24E	29	NE¼ NE¼	John Saline
					20.0	24E	29	NW¼ NE¼	W. G. Marshall
					38.9	24E	29	SW¼ NE¼	John Saline
									Ass. B. Kempton

TABLE No. 11 (Continued)  
Curtis Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	Num-ber of acres	Lands			Ownership
	Description					Description			
	Referred to G. & S. R. B. & M.					Referred to G. & S. R. B. & M.			
Twp.	Rge.	Sec.	Subdivision	Twp.	Rge.	Sec.	Subdivision		
38.7	55	24E	29	SE¼ NE¼	38.7	24E	29	SE¼ NE¼	John D. Colvin
38.0	55	24E	29	NE¼ NW¼	0.4	24E	29	NW¼ NW¼	John Saline
22.6	55	24E	29	SE¼ NW¼	22.6	24E	29	SE¼ NW¼	Ass. B. Kempton
15.8	55	24E	29	NE¼ SW¼	15.8	24E	29	NE¼ SW¼	A. J. Kempton
15.0	55	24E	29	NE¼ SW¼	15.0	24E	29	NE¼ SW¼	Calvin I. Kempton and Heber Kempton
25.4	55	24E	29	SE¼ SW¼	25.4	24E	29	SE¼ SW¼	John Saline
38.5	55	24E	29	NE¼ SE¼	38.5	24E	29	NE¼ SE¼	A. J. Kempton
40.0	55	24E	29	NW¼ SE¼	40.0	24E	29	NW¼ SE¼	Ass. B. Kempton
9.8	55	24E	29	SW¼ SE¼	9.8	24E	29	SW¼ SE¼	A. J. Kempton
9.9	55	24E	29	SE¼ SE¼	9.9	24E	29	SE¼ SE¼	Ass. B. Kempton
4.7	55	24E	29	SE¼ SE¼	4.7	24E	29	SE¼ SE¼	Ass. B. Kempton
22.3	55	24E	29	SE¼ SE¼	22.3	24E	29	SE¼ SE¼	John D. Colvin
18.7	55	24E	32	NE¼ NE¼	18.7	24E	32	NE¼ NE¼	Calvin I. Kempton and Heber Kempton
19.0	55	24E	32	NE¼ NE¼	19.0	24E	32	NE¼ NE¼	Claude M. Lee
28.2	55	24E	32	NW¼ NE¼	28.2	24E	32	NW¼ NE¼	A. J. Kempton
9.8	55	24E	32	SW¼ NE¼	9.8	24E	32	SW¼ NE¼	Antone Christensen
17.6	55	24E	32	SW¼ NE¼	17.6	24E	32	SW¼ NE¼	A. A. Wilkins
7.8	55	24E	32	SW¼ NE¼	7.8	24E	32	SW¼ NE¼	Calvin I. Kempton and Heber Kempton
19.2	55	24E	32	SE¼ NE¼	19.2	24E	32	SE¼ NE¼	A. A. Wilkins
19.3	55	24E	32	SE¼ NE¼	19.3	24E	32	SE¼ NE¼	Calvin I. Kempton and Heber Kempton
29.2	55	24E	32	NE¼ NW¼	29.2	24E	32	NE¼ NW¼	John D. Colvin
9.1	55	24E	32	NE¼ NW¼	9.1	24E	32	NE¼ NW¼	Henry E. Plumb
20.0	55	24E	32	NE¼ NW¼	20.0	24E	32	NE¼ NW¼	I. M. Plumb
8.5	55	24E	32	SW¼ NW¼	8.5	24E	32	SW¼ NW¼	Perry Tryon
30.0	55	24E	32	SE¼ NW¼	30.0	24E	32	SE¼ NW¼	I. M. Plumb
9.5	55	24E	32	NE¼ SE¼	9.5	24E	32	NE¼ SE¼	Ira Hancock
9.7	55	24E	32	NE¼ SE¼	9.7	24E	32	NE¼ SE¼	A. A. Wilkins
7.8	55	24E	32	NW¼ SE¼	7.8	24E	32	NW¼ SE¼	Calvin I. Kempton and Heber Kempton
3.8	55	24E	32	NE¼ NW¼	3.8	24E	32	NE¼ NW¼	John D. Colvin
4.7	55	24E	33	NE¼ NW¼	4.7	24E	33	NE¼ NW¼	Claude M. Lee
0.4	55	24E	33	NE¼ NW¼	0.4	24E	33	NE¼ NW¼	Anna M. Moyes
1.0	55	24E	33	NE¼ NW¼	1.0	24E	33	NE¼ NW¼	Eljah Hawkins
0.1	55	24E	33	NE¼ NW¼	0.1	24E	33	NE¼ NW¼	J. N. Hawkins
0.6	55	24E	33	NE¼ NW¼	0.6	24E	33	NE¼ NW¼	A. A. Wilkins
3.2	55	24E	33	NE¼ NW¼	3.2	24E	33	NE¼ NW¼	School District No. 11, County of Graham, State of Arizona
4.1	55	24E	33	NE¼ NW¼	4.1	24E	33	NE¼ NW¼	Annie B. Hancock
0.9	55	24E	33	NE¼ NW¼	0.9	24E	33	NE¼ NW¼	Claude M. Lee
0.4	55	24E	33	NE¼ NW¼	0.4	24E	33	NE¼ NW¼	Heber Kempton
0.5	55	24E	33	NE¼ NW¼	0.5	24E	33	NE¼ NW¼	Thomas F. Fuller
0.5	55	24E	33	NE¼ NW¼	0.5	24E	33	NE¼ NW¼	Perry Tryon
1.2	55	24E	33	NE¼ NW¼	1.2	24E	33	NE¼ NW¼	Fred Kempton
3.4	55	24E	33	NE¼ NW¼	3.4	24E	33	NE¼ NW¼	" "



TABLE No. 10 (Continued)  
Smithville Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Twp.	Subdivision		
13.8	20	25E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Charles S. Larson
22.8	6S	25E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Maude Allred
16.3	6S	25E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. L. Follett
40.0	6S	25E	20	NW $\frac{1}{4}$ SW $\frac{1}{4}$	S. O. Williams
12.6	6S	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Joe Larson
17.7	6S	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Nancy Reynolds
7.6	6S	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Beatrice Larson
20.4	6S	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Charles S. Larson
6.0	6S	25E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Joe Larson
10.6	6S	25E	21	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Charles S. Larson
7.8	6S	25E	27	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Gerald Merrill
6.2	6S	25E	27	SW $\frac{1}{4}$ NW $\frac{1}{4}$	W. R. Bingham
19.2	6S	25E	27	SW $\frac{1}{4}$ NW $\frac{1}{4}$	A. M. Farmer
9.6	6S	25E	27	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Gerald Merrill
8.2	6S	25E	27	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Winford Moody
22.0	6S	25E	27	SE $\frac{1}{4}$ NW $\frac{1}{4}$	E. C. Phillips
38.6	6S	25E	27	NE $\frac{1}{4}$ SW $\frac{1}{4}$	W. R. Bingham
1.0	6S	25E	27	NW $\frac{1}{4}$ SW $\frac{1}{4}$	A. M. Farmer
30.1	6S	25E	27	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Lorenzo Watson
37.1	6S	25E	27	SW $\frac{1}{4}$ SW $\frac{1}{4}$	E. C. Phillips
35.3	6S	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	J. E. Schurtz
38.0	6S	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Clarence Martin
19.6	6S	25E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	S. O. Williams
20.1	6S	25E	28	NW $\frac{1}{4}$ NW $\frac{1}{4}$	P. C. Merrill, Administra- tor of the Estate of Joe Penny, deceased.
19.5	6S	25E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. E. Norton
19.7	6S	25E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	J. D. Kennison
10.1	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. E. Norton
14.0	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. E. Norton
14.4	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. E. Norton
34.2	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	H. L. Norton, Jr.
36.8	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Sr.
39.1	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	J. D. Kennison
0.2	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
39.1	6S	25E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	Victor Christensen
17.5	6S	25E	28	NE $\frac{1}{4}$ SW $\frac{1}{4}$	E. M. Allred
21.9	6S	25E	28	NW $\frac{1}{4}$ SW $\frac{1}{4}$	J. N. Allred
14.3	6S	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	D. T. Adams
35.7	6S	25E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
39.5	6S	25E	29	NW $\frac{1}{4}$ NE $\frac{1}{4}$	(P. C. Merrill, Administra- tor of the Estate of Joe Penny, deceased.)
26.7	6S	25E	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"
31.5	6S	25E	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"
1.0	6S	25E	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"
21.4	6S	25E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Joseph Alder
17.6	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	A. F. Shuffet
13.6	6S	25E	34	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. W. Sowell
17.4	6S	25E	34	NW $\frac{1}{4}$ NW $\frac{1}{4}$	E. F. Chiff

TABLE No. 11 (Continued)  
Curtis Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Twp.	Subdivision		
1.4	6S	24E	7	NW $\frac{1}{4}$ SE $\frac{1}{4}$	E. W. McEuen
19.5	6S	24E	7	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"
5.5	6S	24E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	F. M. Ferrell
15.7	6S	24E	17	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
10.6	6S	24E	17	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
2.4	6S	24E	17	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
32.4	6S	24E	17	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
18.7	6S	24E	17	SW $\frac{1}{4}$ SW $\frac{1}{4}$	"
27.9	6S	24E	18	NW $\frac{1}{4}$ NE $\frac{1}{4}$	A. F. McEuen
9.5	6S	24E	18	NW $\frac{1}{4}$ NE $\frac{1}{4}$	"
12.9	6S	24E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"
20.3	6S	24E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$	"
19.2	6S	24E	18	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Virgil R. McEuen
23.2	6S	24E	20	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Scott Holladay
39.3	6S	24E	20	SW $\frac{1}{4}$ NW $\frac{1}{4}$	E. G. Bullard
40.0	6S	24E	20	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Jaared T. Brown
22.0	6S	24E	20	NW $\frac{1}{4}$ SW $\frac{1}{4}$	"
13.4	6S	24E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Van D. Palmer
24.6	6S	24E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	W. G. Marshall
15.6	6S	24E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Jaared T. Brown
15.8	6S	24E	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	W. G. Marshall
10.7	6S	24E	20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	L. M. Thatcher
30.1	6S	24E	20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	"
11.9	6S	24E	20	SE $\frac{1}{4}$ SE $\frac{1}{4}$	W. G. Marshall
9.2	6S	24E	20	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Heber C. Kimball
1.5	6S	24E	21	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Adelaide M. Bryce
14.5	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Asa B. Kempton
23.1	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	B. O. Rapier
9.4	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Calvin I. Kempton
4.2	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Calvin I. Kempton
0.7	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
1.0	6S	24E	28	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Calvin I. Kempton
5.7	6S	24E	28	NW $\frac{1}{4}$ SW $\frac{1}{4}$	B. O. Rapier
7.3	6S	24E	28	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Henry A. Waters
10.9	6S	24E	28	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Antone Christensen
2.9	6S	24E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Heber Kempton
1.5	6S	24E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Thomas F. Fuller
1.0	6S	24E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	Henry E. Plumb
0.0	6S	24E	28	SW $\frac{1}{4}$ SW $\frac{1}{4}$	E. Palmer
2.5	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Calvin I. Kempton
2.5	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Adelaide M. Bryce
10.9	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Lee L. Palmer
4.7	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	E. Palmer
4.0	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Mrs. Elizabeth Curtis
1.7	6S	24E	28	SE $\frac{1}{4}$ SW $\frac{1}{4}$	Roy Palmer
19.2	6S	24E	29	NE $\frac{1}{4}$ NE $\frac{1}{4}$	W. G. Marshall
13.2	6S	24E	29	NE $\frac{1}{4}$ NE $\frac{1}{4}$	John Saline
20.0	6S	24E	29	NW $\frac{1}{4}$ NE $\frac{1}{4}$	W. G. Marshall
20.0	6S	24E	29	NW $\frac{1}{4}$ NE $\frac{1}{4}$	John Saline
38.9	6S	24E	29	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Asa B. Kempton

TABLE No. 11 (Continued)  
Curtis Canal—Lands and parties affected by priorities antedating 1905.

Num-ber of acres	Lands			Ownership	
	Description				
	Referred to G. & S. R. B. & M.	Twp.	Subdivision		
38.7	6S	24E	29	SE $\frac{1}{4}$ NE $\frac{1}{4}$	John D. Colvin
38.0	6S	24E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	John Saline
0.4	6S	24E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Asa B. Kempton
22.6	6S	24E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
15.8	6S	24E	29	NE $\frac{1}{4}$ SW $\frac{1}{4}$	A. J. Kempton
12.0	6S	24E	29	NE $\frac{1}{4}$ SW $\frac{1}{4}$	Calvin I. Kempton and Heber Kempton
23.4	6S	24E	29	SE $\frac{1}{4}$ SW $\frac{1}{4}$	John Saline
38.5	6S	24E	29	NE $\frac{1}{4}$ SE $\frac{1}{4}$	A. J. Kempton
40.0	6S	24E	29	NW $\frac{1}{4}$ SE $\frac{1}{4}$	Asa B. Kempton
9.8	6S	24E	29	SW $\frac{1}{4}$ SE $\frac{1}{4}$	A. J. Kempton
25.7	6S	24E	29	SW $\frac{1}{4}$ SE $\frac{1}{4}$	Asa B. Kempton
9.9	6S	24E	29	SE $\frac{1}{4}$ SE $\frac{1}{4}$	"
4.7	6S	24E	29	SE $\frac{1}{4}$ SE $\frac{1}{4}$	John D. Colvin
22.3	6S	24E	29	SE $\frac{1}{4}$ SE $\frac{1}{4}$	Heber Kempton
18.7	6S	24E	32	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Claude M. Lee
19.0	6S	24E	32	NE $\frac{1}{4}$ NE $\frac{1}{4}$	A. J. Kempton
28.2	6S	24E	32	NW $\frac{1}{4}$ NE $\frac{1}{4}$	Antone Christensen
9.0	6S	24E	32	SW $\frac{1}{4}$ NE $\frac{1}{4}$	Calvin I. Kempton and Heber Kempton
9.8	6S	24E	32	SW $\frac{1}{4}$ NE $\frac{1}{4}$	A. A. Wilkins
17.6	6S	24E	32	SW $\frac{1}{4}$ NE $\frac{1}{4}$	"
7.8	6S	24E	32	SW $\frac{1}{4}$ NE $\frac{1}{4}$	John D. Colvin
19.2	6S	24E	32	SE $\frac{1}{4}$ NE $\frac{1}{4}$	Heber Kempton
19.3	6S	24E	32	SE $\frac{1}{4}$ NE $\frac{1}{4}$	John D. Colvin
29.2	6S	24E	32	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Henry E. Plumb
9.1	6S	24E	32	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. M. Plumb
20.0	6S	24E	32	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Perry Tryon
8.5	6S	24E	32	SW $\frac{1}{4}$ NW $\frac{1}{4}$	"
30.0	6S	24E	32	SE $\frac{1}{4}$ NW $\frac{1}{4}$	I. M. Plumb
9.7	6S	24E	32	NE $\frac{1}{4}$ SE $\frac{1}{4}$	Ira Hancock
9.5	6S	24E	32	NE $\frac{1}{4}$ SE $\frac{1}{4}$	A. A. Wilkins
7.8	6S	24E	32	NW $\frac{1}{4}$ SE $\frac{1}{4}$	"
5.8	6S	24E	32	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Calvin I. Kempton and Heber Kempton
4.7	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	John D. Colvin
0.4	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Claude M. Lee
1.0	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Anna M. Moyes
0.1	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Elijah Hawkins
0.4	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	J. N. Hawkins
0.5	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	A. A. Wilkins
3.2	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	School District No. 11, County of Graham, State of Arizona.
6.1	6S	24E	33	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Annie B. Hancock
0.9	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Claude M. Lee
0.4	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Heber Kempton
0.4	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Thomas F. Fuller
0.5	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Perry Tryon
1.2	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	Fred Kempton
3.4	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	"
11.4	6S	24E	33	NW $\frac{1}{4}$ NW $\frac{1}{4}$	"

TABLE No. 11 (Continued)  
Curtis Canal—Lands and parties affected by priorities  
antedating 1905.

Num-ber of acres	Lands			Ownership		
	Description					
	Referred to G. & S. R. B. & M.					
	Twp.	Rge.	Sec.	Subdivision	Parties owning lands described in the preceding column when jurisdiction acquired herein.	
2.7	6S	24E	33	NW¼ NW¼		Isaac O. Palmer
2.5	6S	24E	33	NW¼ NW¼		W. E. Platt
11.2	6S	24E	33	NW¼ NW¼	Aron T. Nelson	
1.0	6S	24E	33	NW¼ NW¼	William Fuller	
1.0	6S	24E	33	NW¼ NW¼	Van D. Palmer	
0.7	6S	24E	33	NW¼ NW¼	A. A. Wilkins	
1.4	6S	24E	33	NW¼ NW¼	Alva Thatcher	
2.5	6S	24E	33	NW¼ NW¼	Thomas F. Fuller	
1.5	6S	24E	33	NW¼ NW¼	Alva Thatcher	
0.8	6S	24E	33	NW¼ NW¼	Elijah Hawkins	
1.0	6S	24E	33	NW¼ NW¼	J. N. Hawkins	
12.8	6S	24E	33	NW¼ NW¼	William Fuller	
0.7	6S	24E	33	NW¼ NW¼	Thomas F. Fuller	
15.8	6S	24E	33	NW¼ NW¼	Van D. Palmer	
1.9	6S	24E	33	NW¼ NW¼	A. A. Wilkins	
13.2	6S	24E	33	NW¼ NW¼	" " " "	
6.7	6S	24E	33	NW¼ NW¼	" " " "	
14.8	6S	24E	33	NW¼ NW¼	Ira Hancock	
6.7	6S	24E	33	NW¼ NW¼	Thomas F. Fuller	
12.3	6S	24E	33	NW¼ NW¼	A. A. Wilkins	
18.7	6S	24E	33	NW¼ NW¼	Ira Hancock	
30.4	6S	24E	33	NW¼ NW¼	Lester Carpenter & Frank Carpenter	
31.1	6S	24E	33	NW¼ NW¼	Miles Messinger	
22.1	6S	24E	33	NW¼ NW¼	Miles Messinger	
1.1	6S	24E	2	NW¼ SW¼	Joseph Moyes	
14.0	6S	24E	2	NW¼ SW¼	Jesse A. Hancock	
0.8	6S	24E	3	NW¼ NE¼	" " " "	
17.9	6S	24E	3	NW¼ NE¼	" " " "	
10.5	6S	24E	3	NW¼ NE¼	" " " "	
17.9	6S	24E	3	NW¼ NE¼	Miles Messinger	
6.1	6S	24E	4	NE¼ NE¼	Thomas F. Fuller	
9.2	6S	24E	4	NE¼ NE¼	William Carpenter	
17.4	6S	24E	4	NW¼ NE¼	Thomas F. Fuller	
23.1	6S	24E	4	NW¼ NE¼	William Carpenter	
17.2	6S	24E	4	SW¼ NE¼	" " " "	
13.3	6S	24E	4	SW¼ NE¼	Amy T. Leavitt	
11.0	6S	24E	4	SE¼ NE¼	William Carpenter	
11.1	6S	24E	4	SE¼ NE¼	Jesse A. Hancock	
2.3	6S	24E	4	NE¼ NW¼	Thomas F. Fuller	
0.1	6S	24E	4	SE¼ NE¼	Jesse A. Hancock	

TABLE No. 12  
Fourness Canal—Lands and parties affected by priorities  
antedating 1905.

Num-ber of acres	Lands			Ownership		
	Description					
	Referred to G. & S. R. B. & M.					
	Twp.	Rge.	Sec.	Subdivision	Parties owning lands described in the preceding column when jurisdiction acquired herein.	
5.9	6S	27E	35	SE¼ SE¼		David Jurado
2.1	7S	27E	2	NE¼ NE¼		Jose Samora
1.5	7S	27E	2	NE¼ NE¼	David Jurado	
0.1	7S	27E	2	NW¼ NE¼	Jose Samora	
3.4	7S	27E	2	NW¼ NE¼	Francisco Montez	
14.3	7S	27E	2	NW¼ NE¼	" " " "	
25.8	7S	27E	2	SW¼ NW¼	Emula Vials	
11.6	7S	27E	2	SE¼ NW¼	Mrs. Clara Fourness	
17.8	7S	27E	2	SE¼ NW¼	Jose Morales	
33.4	7S	27E	2	NE¼ SW¼	J. M. Grijalva	
5.0	7S	27E	2	NW¼ SW¼	" " " "	
33.4	7S	27E	2	NW¼ SW¼	Jose B. Garcia	
12.1	7S	27E	2	NW¼ SW¼	Jose Versale	
4.9	7S	27E	2	NW¼ SW¼	Sigto Molino	
14.1	7S	27E	2	SW¼ SW¼	" " " "	
3.6	7S	27E	2	SW¼ SW¼	Jose Versale	
7.7	7S	27E	2	SW¼ SW¼	Jose B. Garcia	
3.6	7S	27E	2	SW¼ SW¼	I. M. Grijalva	
3.1	7S	27E	2	SE¼ SW¼	" " " "	
1.1	7S	27E	2	SE¼ SW¼	Jose Morales	
5.2	7S	27E	2	NW¼ SW¼	" " " "	
7.8	7S	27E	2	NW¼ SW¼	Andreas Serna	
4.8	7S	27E	2	NW¼ SW¼	V. Carrasco	
1.1	7S	27E	3	SE¼ NE¼	Cleve Curtis & Don Curtis	
21.7	7S	27E	3	SE¼ NE¼	" " " "	
17.1	7S	27E	20	NW¼ NW¼	C. V. Massey	
11.3	7S	27E	20	NW¼ SW¼	" " " "	

TABLE No. 13  
Colvin-Jones Canal—Lands and parties affected by priorities  
antedating 1905.

Num-ber of acres	Lands			Ownership		
	Description					
	Referred to G. & S. R. B. & M.					
	Twp.	Rge.	Sec.	Subdivision	Parties owning lands described in the preceding column when jurisdiction acquired herein.	
15.0	4S	23E	27	NW¼ NE¼		W. F. Bolinger
15.1	4S	23E	27	SW¼ NE¼		Mrs. W. E. Irwin
5.9	4S	23E	27	SE¼ NE¼	" " " "	

## VI

That plaintiff has and owns rights in the waters of the Gila River, and in and to the use of said waters, as follows:

(1) The right on behalf of the Pima and other Indians of the Gila River Indian Reservation, their descendants, successors and assigns, to divert 210,000 acre feet of the waters of the Gila River during each irrigation season, from the natural flow in said river at the Ashurst-Hayden and Sacaton diversion dams—as of an immemorial date of priority and to the extent that such waters are available under said priority—at a rate of diversion not exceeding 437.5 cubic feet per second at any time during such season for the reclamation and irrigation of the irrigable Indian allotments on said reservation, which amount to 49,896 acres, as they now are or hereafter may be made, and of the administrative area on said Reservation which amounts to 650 acres, to the extent that the herein described water right, which is sufficient for and limited to the needs of 35,000 acres, will reclaim and irrigate the same. The waters available under this right and priority shall be divided and distributed to the lands of the Florence-Casa Grande Project as decreed and provided in subdivision (3) of this Article.

(2) The right, on behalf of the Apache and other Indians of the San Carlos Indian Reservation, their descendants, successors and assigns, to divert 6,000 acre feet of the waters of the Gila River, during each irrigation season, from the natural flow in said river at diversion points on said river within said reservation—or above the eastern boundary thereof under such rights of way as may now exist or be acquired therefor; due measures being taken to avoid injuries to other water users by said last mentioned diversions,—as of a date of priority of the year 1846 and to the extent that such waters are available under said priority—at a rate of diversion not exceeding 12.5 cubic feet per second at any time during such season, for the reclamation and irrigation of 1000 acres of the irrigable lands within the said reservation (or in part or wholly within the valley of the Gila River above the eastern boundary of said Reservation, if lands are there acquired by the United States for that purpose), situated in the County of Graham, State of Arizona, and more particularly described as within said reservation and that portion of the valley of the Gila River above the San Carlos Reservoir and flow line thereof; that said water right, however, if or when sanctioned by law, at the discretion of the Secretary of the Interior and with the consent of the San Carlos Irrigation and Drainage District expressed by its board of directors, may be purchased by or for the benefit of the San Carlos Project and used for said project as other of that project's stream flow right below the San Carlos Reservoir are or may be used under this decree, provided, however, that such right is and shall be treated as a project right to which no individual or individual lands shall have or assert an interest or priority as against any lands given rights in the Priority Schedule; and defendants, Gila Valley Irrigation District, Virden Irrigation District and Franklin Irrigation District through their boards of directors, having offered and agreed to facilitate the aforesaid purchase of said water right so that it may be transferred and used as aforesaid for the benefit of the San Carlos Project as other of that Project's stream flow rights are or may be used below said reservoir under this decree and to pay the United States therefor the sum of Sixty-Two Thousand Five Hundred (\$62,500.00) Dollars, said payments to be made by each of said Districts, in the proportion that the number of acres of land in said district decreed water rights herein bears to the whole number of acres of land in said three districts' so decreed water rights, and to pay said sum within two years from the acceptance of said offer, if said offer shall be accepted within five years from the date of this decree. Said offer, however, to be considered as made by said districts only when all requirements of Arizona law with regard to making binding offers of such a character shall have been complied with, it is hereby decreed that if said offer is made and accepted at said purchase price sum or at any other sum agreed upon by the said three districts and the United States, the said water right shall be transferred as aforesaid for the benefit of the San Carlos Project, but, in no event shall be used or usable or be asserted as against the lands given rights in the Priority Schedule above the San Carlos reservoir on account of which have been paid the full proportionate per acre share of the cost of said purchase.

(3) The right to divert 372,000 acre feet of the waters of the Gila River, during each irrigation season, from the natural flow in said stream at the Ashurst-Hayden and Sacaton diversion dams, as of the date of priority of 1916, and to the extent that such waters are available under said priority—at a total rate of diversion not exceeding 775 cubic feet per second at any time during such season, for the reclamation and irrigation of the 62,000 acres of the irrigable lands of the so-called Florence-Casa Grande Project, or its equivalent, more particularly described as follows:

- (a) The aforesaid Indian allotments now or hereafter made on the said Indian Reservation, and the said administrative area, amounting in the aggregate to 50,546 acres to the extent that thirty-five sixty-seconds of the herein described water right, which is sufficient for and limited by the needs of 35,000 acres, will reclaim and irrigate the same.

## VI

That plaintiff has and owns rights in the waters of the Gila River, and in and to the use of said waters, as follows:

(1) The right on behalf of the Pima and other Indians of the Gila River Indian Reservation, their descendants, successors and assigns, to divert 210,000 acre feet of the waters of the Gila River during each irrigation season, from the natural flow in said river at the Ashurst-Hayden and Sacaton diversion dams—as of an immemorial date of priority and to the extent that such waters are available under said priority—at a rate of diversion not exceeding 437.5 cubic feet per second at any time during such season for the reclamation and irrigation of the irrigable Indian allotments on said reservation, which amount to 49,896 acres, as they now are or hereafter may be made, and of the administrative area on said Reservation which amounts to 650 acres, to the extent that the herein described water right, which is sufficient for and limited to the needs of 35,000 acres, will reclaim and irrigate the same. The waters available under this right and priority shall be divided and distributed to the lands of the Florence-Casa Grande Project as decreed and provided in subdivision (3) of this Article.

(2) The right, on behalf of the Apache and other Indians of the San Carlos Indian Reservation, their descendants, successors and assigns, to divert 6,000 acre feet of the waters of the Gila River, during each irrigation season, from the natural flow in said river at diversion points on said river within said reservation—or above the eastern boundary thereof under such rights of way as may now exist or be acquired thereafter; due measures being taken to avoid injuries to other water users by said last mentioned diversions,—as of a date of priority of the year 1846 and to the extent that such waters are available under said priority—at a rate of diversion not exceeding 12.5 cubic feet per second at any time during such season, for the reclamation and irrigation of 1000 acres of the irrigable lands within the said reservation (or in part or wholly within the valley of the Gila River above the eastern boundary of said Reservation, if lands are there acquired by the United States for that purpose), situated in the County of Graham, State of Arizona, and more particularly described as within said reservation and that portion of the valley of the Gila River above the San Carlos Reservoir and flow line thereof; that said water right, however, if or when sanctioned by law, at the discretion of the Secretary of the Interior and with the consent of the San Carlos Irrigation and Drainage District expressed by its board of directors, may be purchased by or for the benefit of the San Carlos Project and used for said project as other of that project's stream flow right below the San Carlos Reservoir are or may be used under this decree, provided, however, that such right is and shall be treated as a project right to which no individual or individual lands shall have or assert an interest or priority as against any lands given rights in the Priority Schedule; and defendants, Gila Valley Irrigation District, Varden Irrigation District and Franklin Irrigation District through their boards of directors, having offered and agreed to facilitate the aforesaid purchase of said water right so that it may be transferred and used as aforesaid for the benefit of the San Carlos Project as other of that Project's stream flow rights are or may be used below said reservoir under this decree and to pay the United States therefor the sum of Sixty-Two Thousand Five Hundred (\$62,500.00) Dollars, said payments to be made by each of said Districts, in the proportion that the number of acres of land in said district decreed water rights herein bears to the whole number of acres of land in said three districts' so decreed water rights, and to pay said sum within two years from the acceptance of said offer, if said offer shall be accepted within five years from the date of this decree. Said offer, however, to be considered as made by said districts only when all requirements of Arizona law with regard to making binding offers of such a character shall have been complied with, it is hereby decreed that if said offer is made and accepted at said purchase price sum or at any other sum agreed upon by the said three districts and the United States, the said water right shall be transferred as aforesaid for the benefit of the San Carlos Project, but, in no event shall be used or usable or be asserted as against the lands given rights in the Priority Schedule above the San Carlos reservoir on account of which have been paid the full proportionate per acre share of the cost of said purchase.

(3) The right to divert 372,000 acre feet of the waters of the Gila River, during each irrigation season, from the natural flow in said stream at the Ashurst-Hayden and Sacaton diversion dams, as of the date of priority of 1916, and to the extent that such waters are available under said priority—at a total rate of diversion not exceeding 775 cubic feet per second at any time during such season, for the reclamation and irrigation of the 62,000 acres of the irrigable lands of the so-called Florence-Casa Grande Project, or its equivalent, more particularly described as follows:

- (a) The aforesaid Indian allotments now or hereafter made on the said Indian Reservation, and the said administrative area, amounting in the aggregate to 50,546 acres to the extent that thirty-five sixty-seconds of the herein described water right, which is sufficient for and limited by the needs of 35,000 acres, will reclaim and irrigate the same.

(b) 27,000 acres of land in the private ownership of White persons (also referred to herein as "White lands") described as follows:

Twp. 4 S., R. 8 E.

Section 33.

N $\frac{1}{2}$  N $\frac{1}{2}$ :  
55 acres in S $\frac{1}{2}$  NE $\frac{1}{4}$ , North of Gila River;

Section 36.

SE $\frac{1}{4}$  less 2 acres in Northwest Corner;  
S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Twp. 4 S., R. 9 E.

Section 25.

10 acres in NE $\frac{1}{4}$  NE $\frac{1}{4}$ , between North Side Canal and Gila River;

South 24 acres of SE $\frac{1}{4}$ ;

South 17 acres of SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

S $\frac{1}{2}$  S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 26.

30 acres in N $\frac{1}{2}$  SE $\frac{1}{4}$  between North Side Canal and Gila River;

60 acres in SW $\frac{1}{4}$  between North Side Canal and Gila River;

Section 27.

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

North 30 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

South 25 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 28.

S $\frac{1}{2}$  S $\frac{1}{2}$ ;

Section 29.

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 31.

E $\frac{1}{2}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 32.

N $\frac{1}{2}$  N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 17.

160.00 acres in that part lying between North Side Canal and Gila River and East of East line of W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 20.

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

SE $\frac{1}{4}$ ;

30 acres in SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 21.

119.00 acres in W $\frac{1}{2}$  W $\frac{1}{2}$ ;

80 acres in N $\frac{1}{2}$  South of Gila River;

Section 28.

W $\frac{1}{2}$  NW $\frac{1}{4}$ ;

12 acres in NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

13 acres in NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 29.

W $\frac{1}{2}$ ;

202.99 acres in E $\frac{1}{2}$ ;

Section 30.

NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

SE $\frac{1}{4}$ ;

E $\frac{1}{2}$  SW $\frac{1}{4}$ ;

E $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

S $\frac{1}{2}$  W $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

S $\frac{1}{2}$  N $\frac{1}{2}$  W $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 31.

NW $\frac{1}{4}$ , less 4 acres of dedeed highway;

SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

NW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

(continued)

Twp. 4 S., R. 10 E.

Section 10.

20 acres between North Side Canal and Gila River in SE $\frac{1}{4}$ ;

Section 11.

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 14.

N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 15.

90 acres between Florence Canal and Gila River, in NE $\frac{1}{4}$ ;

Section 16.

149.00 acres in South part of Section between North Side Canal and Arizona Eastern Railroad and between Arizona Eastern Railroad and Gila River;

(continuation of Section 31.)  
3 acres in Northwest Corner of  
SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

N $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 32.

70 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

Twp. 5 S., R. 7 E.

Section 1.

5 acres in the Southeast corner of  
NW $\frac{1}{4}$ ;

Twp. 5 S., R. 8 E.

Section 6.

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 7.

SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 8.

South 56.00 acres of S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

SW $\frac{1}{4}$ ;

Section 9.

South 120 acres of NE $\frac{1}{4}$ ;

South 25 acres of N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 10.

S $\frac{1}{2}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{2}$  S $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{2}$  S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  SW $\frac{1}{4}$ ;

N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

North 30 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 14.

NE $\frac{1}{4}$ ;

SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 17.

E $\frac{1}{2}$ ;

NW $\frac{1}{4}$ ;

Section 18.

SE $\frac{1}{4}$ ;

S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 21.

SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

E $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 22.

S $\frac{1}{2}$ ;

Section 23.

E $\frac{1}{2}$ ;

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 24.

SW $\frac{1}{4}$ ;

E $\frac{1}{2}$  except SE $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 25.

All of Section 25;

Section 26.

N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 27.

SW $\frac{1}{4}$ ;

South 35.00 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

E $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 34.

NE $\frac{1}{4}$ ;

Section 35.

NW $\frac{1}{4}$ ;

5.82 acres in Northwest Corner of NE $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E.

Section 1.

10 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ , North of Florence;

W $\frac{1}{2}$  NE $\frac{1}{4}$ ;

(continued)

North 17 acres of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

8.22 acres in Northeast corner of NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

60 acres in SW $\frac{1}{4}$  North of Florence Canal;

57 acres in Lot 6, 7 and 8, Block 6,  
Turner's Addition;

12. acres in Blocks 48, 49, 52 and 53,  
Douglas Addition;

Section 2.

North 89.32 acres in NE $\frac{1}{4}$  West of Florence Townsite;

NW $\frac{1}{4}$ ;

4.18 acres in Northwest Corner of NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 3.

N $\frac{1}{2}$  NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  N $\frac{1}{2}$  N $\frac{1}{2}$ ;

S $\frac{1}{2}$  N $\frac{1}{2}$ ;

North 56.01 acres of the W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

North 33.48 acres of the E $\frac{1}{2}$  SW $\frac{1}{4}$ ;

North 18.02 acres of the NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 4.

278.31 acres in E $\frac{1}{2}$ , South of Gila River;

Section 5.

33 acres in W $\frac{1}{2}$  E $\frac{1}{2}$ , South of Gila River;

20 acres in SW $\frac{1}{4}$ , South of Gila River;

Section 6.

W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$ ;

W $\frac{1}{2}$  E $\frac{1}{2}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 7.

125.00 acres in N $\frac{1}{2}$ , South of Gila River;

Section 8.

260.00 acres in N $\frac{1}{2}$ ;

(continuation of Section 31.)

3 acres in Northwest Corner of  
SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

N $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 32:

70 acres in N $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Twp. 5 S., R. 7 E.:

Section 1:

5 acres in the Southeast corner of  
NW $\frac{1}{4}$ ;

Twp. 5 S., R. 8 E.:

Section 6:

S $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 7:

SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 8:

South 56.00 acres of S $\frac{1}{4}$  NE $\frac{1}{4}$ ;

SW $\frac{1}{4}$ ;

Section 9:

South 120 acres of NE $\frac{1}{4}$ ;

South 25 acres of N $\frac{1}{4}$  NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

W $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 10:

S $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{4}$  S $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{4}$  S $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{4}$  SW $\frac{1}{4}$ ;

N $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

North 30 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 14:

NE $\frac{1}{4}$ ;

SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 17:

E $\frac{1}{4}$ ;

NW $\frac{1}{4}$ ;

Section 18:

SE $\frac{1}{4}$ ;

S $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 21:

SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

E $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 22:

S $\frac{1}{4}$ ;

Section 23:

E $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 24:

SW $\frac{1}{4}$ ;

E $\frac{1}{4}$  except SE $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 25:

All of Section 25;

Section 26:

N $\frac{1}{4}$  N $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 27:

SW $\frac{1}{4}$ ;

South 35.00 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

E $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 34:

NE $\frac{1}{4}$ ;

Section 35:

NW $\frac{1}{4}$ ;

5.82 acres in Northwest Corner of NE $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E.:

Section 1:

10 acres in N $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ , North of Florence;

W $\frac{1}{4}$  NE $\frac{1}{4}$ ;

(continued)

North 17 acres of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

8.22 acres in Northeast corner of NW $\frac{1}{4}$ ;

S $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

60 acres in SW $\frac{1}{4}$  North of Florence Canal;

.57 acres in Lot 6, 7 and 8, Block 6,  
Turner's Addition;

12. acres in Blocks 48, 49, 52 and 53,  
Douglas Addition;

Section 2:

North 58.32 acres in NE $\frac{1}{4}$  West of Florence Townsite;

NW $\frac{1}{4}$ ;

4.18 acres in Northwest Corner of NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 3:

N $\frac{1}{4}$  NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

N $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{4}$  N $\frac{1}{4}$  N $\frac{1}{4}$ ;

S $\frac{1}{4}$  N $\frac{1}{4}$ ;

North 56.01 acres of the W $\frac{1}{4}$  SW $\frac{1}{4}$ ;

North 33.48 acres of the E $\frac{1}{4}$  SW $\frac{1}{4}$ ;

North 18.02 acres of the NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 4:

278.31 acres in E $\frac{1}{4}$ , South of Gila River;

Section 5:

33 acres in W $\frac{1}{4}$  E $\frac{1}{4}$ , South of Gila River;

20 acres in SW $\frac{1}{4}$ , South of Gila River;

Section 6:

W $\frac{1}{4}$  W $\frac{1}{4}$  NW $\frac{1}{4}$ ;

W $\frac{1}{4}$  E $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 7:

125.00 acres in N $\frac{1}{4}$ , South of Gila River;

Section 8:

260.00 acres in N $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E., (continued)

Section 9:

10 acres in NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{2}$  S $\frac{1}{2}$ ;

Section 10:

SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

NE $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 11:

127 acres in W $\frac{1}{2}$  North and West of  
Florence Canal;

North 110 acres of NE $\frac{1}{4}$ ;

Section 15:

W $\frac{1}{2}$  NW $\frac{1}{4}$  except NE $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

E $\frac{1}{2}$  NE $\frac{1}{4}$ ;

SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

50 acres in N $\frac{1}{2}$  S $\frac{1}{2}$  North of Florence Canal;

Section 16:

N $\frac{1}{2}$ ;

SE $\frac{1}{4}$ ;

N $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 17:

S $\frac{1}{2}$ ;

NE $\frac{1}{4}$ ;

Section 18:

SW $\frac{1}{4}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 19:

All of Section 19;

Section 21:

NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$  except 15 acres in Southeast Corner;

N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

North 15 acres in N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 22:

W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$ ;

40 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$ , West of Florence Canal;

Section 28:

Section 29:

West 60 acres in S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

76.20 acres in SE $\frac{1}{4}$ , West of Florence Canal;

W $\frac{1}{2}$ ;

Section 30:

E $\frac{1}{2}$ ;

NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 31:

All of Section 31;

Section 32:

310 acres in W $\frac{1}{2}$  West of Florence Canal;

Twp. 5 S., R. 10 E.:

Section 5:

30 acres in Northwest part of NW $\frac{1}{4}$ ;

Twp. 6 S., R. 5 E.:

Section 13:

North 88.11 acres of E $\frac{1}{2}$  NE $\frac{1}{4}$ ;

SE $\frac{1}{4}$ ;

SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 14:

NE $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 15:

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

East 15 acres of SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

(continued)

S $\frac{1}{2}$  S $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

South 25 acres of SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 22:

E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 23:

East 55 acres of N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

East 15 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

North 30 acres of NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

SE $\frac{1}{4}$ ;

North 30 acres of NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

East 30 acres of SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 24:

South 14 acres of W $\frac{1}{2}$  W $\frac{1}{2}$ ;

S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 25:

North 145 acres of E $\frac{1}{2}$  W $\frac{1}{2}$ ;

W $\frac{1}{2}$  NE $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 26:

E $\frac{1}{2}$  SE $\frac{1}{4}$ ;

SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 35:

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

NE $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Twp. 6 S., R. 6 E.:

Section 18:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;



Twp. 6 S., R. 6 E.; (continued)Section 19:

South 30 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
South 30 acres in SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 20:

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
15 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 22:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 25:

SE $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 27:

All of Section 27;

Section 28:

SW $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 29:

74 acres in S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 30:

16 acres in NW $\frac{1}{4}$  SE $\frac{1}{4}$  Southwest of  
Railroad;

Section 30:

SW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 31:

N $\frac{1}{2}$ ;

Section 32:

E $\frac{1}{2}$  E $\frac{1}{2}$ ;

Section 33:

W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 34:

20 acre parcel in Blocks 1, 2, 25, 26,  
and 27, Arizona Townsite;  
6 acre parcel in Lot 1, Block 38,  
Arizona Townsite;  
6 acre parcel in Lot 2, Block 39,  
Arizona Townsite;

Twp. 6 S., R. 7 E.:Section 12:

SW $\frac{1}{4}$ ;

Section 13:

SE $\frac{1}{4}$ ;

Section 15:

NW $\frac{1}{4}$ ;

Section 19:

SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 20:

SW $\frac{1}{4}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 22:

NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 23:

NW $\frac{1}{4}$ ;

E $\frac{1}{2}$  SW $\frac{1}{4}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 25:

S $\frac{1}{2}$ ;

Section 26:

All of Section 26;

Section 27:

SE $\frac{1}{4}$ ;

E $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 28:

NW $\frac{1}{4}$ ;

Section 30:

36.61 acres in NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 31:

SE $\frac{1}{4}$ ;

Section 32:

W $\frac{1}{2}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

North 45 acres in W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Twp. 6 S., R. 8 E.:Section 1:

S $\frac{1}{2}$ ;

Lots 9 and 10 containing 80 acres;

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 5:

SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 7:

SW $\frac{1}{4}$  containing 168.40 acres;

Section 11:

110 acres in North part of NE $\frac{1}{4}$ ;

Section 12:

All of Section 12;

Section 13:

W $\frac{1}{2}$ ;

Section 15:

SE $\frac{1}{4}$ ;

Section 18:

Lot 1, containing 39.92 acres;

Section 19:

East 157 acres in SW $\frac{1}{4}$ ;

NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

E $\frac{1}{2}$  E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 20:

NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

E $\frac{1}{2}$  SW $\frac{1}{4}$ ;

N $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 6 S., R. 6 E.: (continued)

Section 19:  
 South 30 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$ :  
 SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ :  
 South 30 acres in SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 20:  
 SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
 15 acres in SE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
 SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Section 22:  
 NW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
 N $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 25:  
 SE $\frac{1}{4}$ :  
 N $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Section 27:  
 All of Section 27:  
Section 28:  
 SW $\frac{1}{4}$ :  
 NW $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 29:  
 74 acres in S $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 16 acres in NW $\frac{1}{4}$  SE $\frac{1}{4}$  Southwest of  
 Railroad:  
Section 30:  
 SW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ :  
Section 31:  
 N $\frac{1}{4}$ :  
Section 32:  
 E $\frac{1}{4}$  E $\frac{1}{4}$ :  
Section 33:  
 W $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 34:  
 20 acre parcel in Blocks 1, 2, 25, 26,  
 and 27, Arizona Townsite:  
 6 acre parcel in Lot 1, Block 38,  
 Arizona Townsite:  
 6 acre parcel in Lot 2, Block 39,  
 Arizona Townsite:  
Twp. 6 S., R. 7 E.:  
Section 12:  
 SW $\frac{1}{4}$ :  
Section 13:  
 SE $\frac{1}{4}$ :  
Section 15:  
 NW $\frac{1}{4}$ :  
Section 19:  
 SW $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 20:  
 SW $\frac{1}{4}$ :  
 W $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 22:  
 NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 W $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 23:  
 NW $\frac{1}{4}$ :  
 E $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 W $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 25:  
 S $\frac{1}{4}$ :  
Section 26:  
 All of Section 26:  
Section 27:  
 SE $\frac{1}{4}$ :  
 E $\frac{1}{4}$  NE $\frac{1}{4}$ :  
Section 28:  
 NW $\frac{1}{4}$ :  
Section 30:  
 36.61 acres in NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Section 31:  
 SE $\frac{1}{4}$ :  
Section 32:  
 W $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
 North 45 acres in W $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Twp. 6 S., R. 8 E.:  
Section 1:  
 S $\frac{1}{4}$ :  
 Lots 9 and 10 containing 80 acres:  
 S $\frac{1}{4}$  NE $\frac{1}{4}$ :  
Section 5:  
 SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 7:  
 SW $\frac{1}{4}$  containing 158.40 acres:  
Section 11:  
 110 acres in North part of NE $\frac{1}{4}$ :  
Section 12:  
 All of Section 12:  
Section 13:  
 W $\frac{1}{4}$ :  
Section 15:  
 SE $\frac{1}{4}$ :  
Section 18:  
 Lot 1, containing 39.92 acres:  
Section 19:  
 East 157 acres in SW $\frac{1}{4}$ :  
 NE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
 W $\frac{1}{4}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
 E $\frac{1}{4}$  E $\frac{1}{4}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 20:  
 NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 E $\frac{1}{4}$  SW $\frac{1}{4}$ :  
 N $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ :

Twp. 6 S., R. 8 E., (continued)

Section 21:

NW $\frac{1}{4}$ :

Section 28:

E $\frac{1}{2}$  NW $\frac{1}{4}$ :

W $\frac{1}{2}$  NE $\frac{1}{4}$ :

S $\frac{1}{2}$  S $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :

Section 30:

N $\frac{1}{2}$ :

Section 35:

N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :

Twp. 6 S., R. 9 E.

Section 6:

277.40 acres in NW $\frac{1}{4}$ :

Section 19:

Lots 2 and 3, containing 60 acres;

Twp. 7 S., R. 5 E.

Section 1:

SE $\frac{1}{4}$ :

N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ :

SE $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :

SW $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ :

Twp. 7 S., R. 6 E.

Section 3:

North 56.5 acres of E $\frac{1}{2}$  SW $\frac{1}{4}$ :

North 56.5 acres of W $\frac{1}{2}$  SE $\frac{1}{4}$ :

Section 4:

N $\frac{1}{2}$ :

N $\frac{1}{2}$  SE $\frac{1}{4}$ :

W $\frac{1}{2}$  SW $\frac{1}{4}$ :

Section 5:

E $\frac{1}{2}$ :

Section 6:

W $\frac{1}{2}$  NW $\frac{1}{4}$  comprising 74.96 acres:

N $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ :

Twp. 7 S., R. 7 E.

Section 5:

7 acres in Northwest Corner;

Section 6:

23 acres in Northeast Corner;

That in accord with the 'Agreement of Land Owners to Induce the Secretary of the Interior to Undertake the Florence-Casa Grande Irrigation Project, etc.' entered into between the owners of said privately owned lands and the United States, it is hereby further specifically ordered, adjudged and decreed that suitable devices for measuring the flow of water available and susceptible of being diverted by the aforesaid dam or dams to the canals of the said Florence-Casa Grande Project (now a part of the San Carlos Project system) shall be maintained and daily or more frequent measurements of said flow shall be made; that the first 300 cubic feet per second or less of water flowing in the river at the said dam or dams, available as a whole under the several rights and priorities of plaintiff, including its immemorial right described and set up in subdivision 1 of this article and the so-called rights by purchase, and susceptible of being diverted for the said project, shall be divided and distributed, less deductions for project canal losses as hereinafter provided, sixty and six-tenths per centum thereof to the Indian lands of said project and thirty-nine and four-tenths per centum to the White lands thereof; that of the next 300 second-feet of water or less thus flowing and available, less deductions on account of losses as aforesaid, fifty-one and seven-tenths per centum thereof shall be apportioned to the said Indian lands, and forty-eight and three-tenths per centum thereof to White lands; that all water available as aforesaid in excess of said 600 second-feet shall be divided, less deductions on account of losses as aforesaid, fifty-six and one-tenth per centum to said Indian lands and to said privately owned lands, forty-three and nine tenths per centum, except that during periods of high water when it shall be possible and practicable to divert water for the use of the Indian lands within said project, or some of them, by means of the Sacaton Dam, the entire amount of water diverted for the said project by the said Ashurst-Hayden Dam shall be used for the irrigation of privately owned lands and of such of said Indian lands as cannot be adequately supplied from said Sacaton Dam; that furthermore the amounts of water thus apportioned to the White lands within said project shall be distributed to said lands in the following order:

(a) Certain of said lands to the extent of some 9,752.83 acres together with 790 acres in Sections 1 and 2,

Twp. 5 S., Range 8 E., G. and S.R.B. and M., being identical with those tracts which are described in the Schedules of Rights and Priorities set out under Article V hereof and identified in said article as applying to the so-called rights by purchase of plaintiff, shall have a call upon the waters available under such apportionment in the order of their priorities as set out in said schedule.

(b) The remainder of said lands, amounting to some 17,247.17 acres, shall have the next three successive calls upon such waters as are available under such apportionment and in the following order:

That in accord with the 'Agreement of Land Owners to Induce the Secretary of the Interior to Undertake the Florence-Casa Grande Irrigation Project, etc.' entered into between the owners of said privately owned lands and the United States, it is hereby further specifically ordered, adjudged and decreed that suitable devices for measuring the flow of water available and susceptible of being diverted by the aforesaid dam or dams to the canals of the said Florence-Casa Grande Project (now a part of the San Carlos Project system) shall be maintained and daily or more frequent measurements of said flow shall be made; that the first 300 cubic feet per second or less of water flowing in the river at the said dam or dams, available as a whole under the several rights and priorities of plaintiff, including its immemorial right described and set up in subdivision 1 of this article and the so-called rights by purchase, and susceptible of being diverted for the said project, shall be divided and distributed, less deductions for project canal losses as hereinafter provided, sixty and six-tenths per centum thereof to the Indian lands of said project and thirty-nine and four-tenths per centum to the White lands thereof; that of the next 300 second-feet of water or less thus flowing and available, less deductions on account of losses as aforesaid, fifty-one and seven-tenths per centum thereof shall be apportioned to the said Indian lands, and forty-eight and three-tenths per centum thereof to White lands; that all water available as aforesaid in excess of said 600 second-feet shall be divided, less deductions on account of losses as aforesaid, fifty-six and one-tenth per centum to said Indian lands and to said privately owned lands, forty-three and nine tenths per centum, except that during periods of high water when it shall be possible and practicable to divert water for the use of the Indian lands within said project, or some of them, by means of the Sacaton Dam, the entire amount of water diverted for the said project by the said Ashurst-Hayden Dam shall be used for the irrigation of privately owned lands and of such of said Indian lands as cannot be adequately supplied from said Sacaton Dam; that furthermore the amounts of water thus apportioned to the White lands within said project shall be distributed to said lands in the following order:

(a) Certain of said lands to the extent of some 9,752.83 acres together with 790 acres in Sections 1 and 2,

Twp. 5 S., Range 8 E., G. and S.R.B. and M., being identical with those tracts which are described in the Schedules of Rights and Priorities set out under Article V hereof and identified in said article as applying to the so-called rights by purchase of plaintiff, shall have a call upon the waters available under such apportionment in the order of their priorities as set out in said schedule.

(b) The remainder of said lands, amounting to some 17,247.17 acres, shall have the next three successive calls upon such waters as are available under such apportionment and in the following order:

## FIRST

Twp. 4 S., R. 9 E.:

Section 25:

S $\frac{1}{2}$  S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 35:

9.5 acres in SE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 36:

4 acres in Blocks 12, A, B, C, D, E  
and part of 37, Florence Townsite;

West 56 acres of that portion of  
SE $\frac{1}{4}$  south of County Road;

Twp. 4 S., R. 10 E.:

Section 15:

20 acre parcel described as follows:  
Beginning at Southwest Corner of NW $\frac{1}{4}$  SW $\frac{1}{4}$   
NE $\frac{1}{4}$ ; thence northeast to Northeast Corner  
of SE $\frac{1}{4}$  NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; thence south to Southeast  
corner of NE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; thence west to  
point of beginning;

Section 29:

16.33 acre parcel described as follows:  
Beginning at a point on the west line of  
the SE $\frac{1}{4}$  2 $\frac{1}{2}$  feet south of the Northwest  
corner of said SE $\frac{1}{4}$ ; thence south 83° 50'  
East 1290 feet; thence south 42° 11' west  
1030 feet; thence south 89° 50' west 600  
feet to west line of the SE $\frac{1}{4}$ ; thence  
north along west line of the SE $\frac{1}{4}$  760 feet  
to point of beginning;

Section 30:

North 53.34 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E.:

Section 6:

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 7:

SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 8:

South 56 acres of NE $\frac{1}{4}$ ;

Section 9:

W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

South 25 acres of NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## SECOND

Twp. 4 S., R. 10 E.:

Section 11:

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 14:

N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 15:

50 acre parcel North of Florence  
Canal in E $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 20:

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 29:

South 43 acres of NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

40 acre parcel North of Florence  
Canal in South part of W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Twp. 5 S., R. 8 E.:

Section 14:

SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 21:

N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 22:

SE $\frac{1}{4}$ ;

Section 23:

W $\frac{1}{2}$  NE $\frac{1}{4}$ ;

North 23 acres of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 25:

SW $\frac{1}{4}$ ;

Section 27:

E $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E.:

Section 2:

Block 10, containing 2 acres in  
Western addition to Florence Townsite;

SECOND--CONTINUED

Section 9:  
S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 11:  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
West 7 acres of SW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 15:  
50 acre parcel North of Florence Canal in NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; and NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 21:  
W $\frac{1}{2}$  NW $\frac{1}{4}$ ;

Twp. 6 S., R. 5 E.  
Section 13:  
North 35 acres of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 15:  
S $\frac{1}{2}$  S $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 22:  
E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 23:  
North 30 acres of NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
E $\frac{1}{2}$  W $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
W $\frac{1}{2}$  W $\frac{1}{2}$  E $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

East 30 acres of NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
East 15 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  W $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
East 15 acres of NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
North 30 acres of NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
South 50 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
North 30 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 24:  
W $\frac{1}{2}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
West 30 acres of SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 25:  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
S $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 26:  
South 12 acres of W $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
North 30 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Twp. 6 S., R. 6 E.  
Section 18:  
40 acres comprising NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 19:  
SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
5.00 acres comprising lot 3, McMurray Addition to Casa Grande;

Section 20:  
SW $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 29:  
W $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 32:  
South 4 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 34:  
NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 34:  
20 acres in Blocks 1, 2, 25, 26 and 27, Arizona Townsite;

Twp. 6 S., R. 7 E.  
Section 23:  
E $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
West 45 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 32:  
SW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
(Continued)

Section 5:  
NW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  N $\frac{1}{2}$  N $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 6 S., R. 8 E.  
Section 5:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 11:  
N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 18:  
N $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
N $\frac{1}{2}$  N $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 19:  
W $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
E $\frac{1}{2}$  E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 20:  
N $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 6 S., R. 9 E.  
Section 5:  
44 acre parcel West of Florence Canal, in Lot 13 and SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Twp. 7 S., R. 6 E.  
Section 5:  
N $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 7 S., R. 7 E.  
Section 8:  
23 acres in Lot 1, North of Casa Grande Canal.

SECOND-CONTINUED

Section 9:  
S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 11:  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
West 7 acres of SW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 15:  
50 acre parcel North of Florence Canal in NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; and NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 21:  
W $\frac{1}{2}$  NW $\frac{1}{4}$ ;  
Twp. 6 S., R. 5 E.;

Section 13:  
North 35 acres of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 15:  
S $\frac{1}{2}$  S $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 22:  
E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 23:  
North 30 acres of NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
E $\frac{1}{2}$  W $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
W $\frac{1}{2}$  W $\frac{1}{2}$  E $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
East 30 acres of NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
East 15 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
East 15 acres of NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
North 30 acres of NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
South 50 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
North 30 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 24:  
W $\frac{1}{2}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
West 30 acres of SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 25:  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
S $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 26:  
South 12 acres of W $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
North 30 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
Twp. 6 S., R. 6 E.;

Section 18:  
40 acres comprising NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 19:  
SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 20:  
SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
5.00 acres comprising lot 3, McMurray Addition to Casa Grande;

Section 29:  
W $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
South 4 acres of N $\frac{1}{2}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 32:  
NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 34:  
20 acres in Blocks 1, 2, 25, 26 and 27, Arizona Townsite;

Twp. 6 S., R. 7 E.:

Section 23:  
E $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 31:  
N $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
West 45 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 32:  
SW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
(Continued)

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
E $\frac{1}{2}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  N $\frac{1}{2}$  N $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
Twp. 6 S., R. 8 E.;

Section 5:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 11:  
N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 19:  
W $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
E $\frac{1}{2}$  E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 20:  
N $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 6 S., R. 9 E.:

Section 6:  
44 acre parcel West of Florence Canal, in Lot 13 and SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Twp. 7 S., R. 6 E.:

Section 6:  
N $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Twp. 7 S., R. 7 E.:

Section 8:  
23 acres in Lot 1, North of Casa Grande Canal.



## THIRD

Twp. 4 S., R. 8 E.,

Section 36:

East 3 acres of N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
South 15 acres of N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Twp. 4 S., R. 9 E.,

Section 25:

10 acre parcel described as follows:  
Beginning 200 feet north from the  
southeast corner of NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; thence  
north 660 feet; thence southwest to  
point on west line of said NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
200 feet north from southwest corner  
of said NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; thence east to point  
of beginning.

Section 26:

60 acres in SW $\frac{1}{4}$  between North Side  
Canal and Gila River;  
30 acres in N $\frac{1}{2}$  SE $\frac{1}{4}$  between North  
Side Canal and Gila River;

Section 27:

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
North 30 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
South 25 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 28:

S $\frac{1}{2}$  S $\frac{1}{2}$ ;

Section 29:

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 31:

E $\frac{1}{2}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 32:

NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

Section 33:

N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

55 acre parcel in S $\frac{1}{2}$  NE $\frac{1}{4}$ , North of  
Gila River;

N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

Section 34:

N $\frac{1}{2}$  NW $\frac{1}{4}$ ;

Northwest triangular half of N $\frac{1}{2}$  S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Northwest triangular half of S $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 35:

20-acre parcel described as follows:  
Commencing at southwest corner of Section  
35; thence north 160 rods; thence east 56  
rods; thence south 160 rods; thence West  
56 rods to point of beginning;

Section 36:

1.08 acres comprising Lots 30, 40 and  
66, Florence Townsite;

5.60 acres South of County Road in  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

S $\frac{1}{2}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Twp. 4 S., R. 10 E.,

Section 10:

20 acres in SE $\frac{1}{4}$  between Gila River  
and Arizona Eastern Railway;

Section 31:

SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

N $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Twp. 5 S., R. 7 E.,

Section 1:

5 acres in an exact square in South-  
east corner of NW $\frac{1}{4}$ ;

Twp. 5 S., R. 8 E.,

Section 7:

NE $\frac{1}{4}$  SE $\frac{1}{4}$

Section 8:

SW $\frac{1}{4}$ ;

Section 10:

W $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

S $\frac{1}{2}$  S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  SW $\frac{1}{4}$ ;

Section 14:

NE $\frac{1}{4}$ ;

Section 17:

E $\frac{1}{2}$ ;

NW $\frac{1}{4}$ ;

Section 18:

S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

SE $\frac{1}{4}$ ;

Section 22:

SW $\frac{1}{4}$ ;

Section 23:

SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Section 27:

South 35 acres of SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$ ;

Section 34:

NE $\frac{1}{4}$ ;

Section 35:

5.82 acres in Northwest corner of NE $\frac{1}{4}$ ;

Twp. 5 S., R. 9 E.,

Section 1:

S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 5:

15 acres in W $\frac{1}{2}$  E $\frac{1}{2}$ ;

## THIRD-Continued

Twp. 5 S., R. 9 E. (continued)

Section 5:20 acres in SW $\frac{1}{4}$ ;Section 7:35 acres in E $\frac{1}{2}$  NW $\frac{1}{4}$ ;Section 9:10 acres in W $\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$  South of County Highway;Section 10:N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;SE $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;S $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;NE $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;Section 11:60 acres in NE $\frac{1}{4}$ ;South 15 acres of W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;North 15 acres of E $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;E $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 15:E $\frac{1}{2}$  NE $\frac{1}{4}$ ;SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;Section 16:All of Section 16, excepting therefrom the S $\frac{1}{2}$  SW $\frac{1}{4}$ ;Section 17:NE $\frac{1}{4}$ ;S $\frac{1}{2}$ ;Section 18:SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;SW $\frac{1}{4}$ ;W $\frac{1}{2}$  SE $\frac{1}{4}$ ;SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 21:E $\frac{1}{2}$  NW $\frac{1}{4}$ ;145 acres in SW $\frac{1}{4}$ , north and west of Florence Canal,  
(continued)N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;North 15 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 22:W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$ ;Section 28:W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;North 15 acres of E $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;N $\frac{1}{2}$  NW $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 29:NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;West 3.2 acres of NW $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;33.0 acres in SW $\frac{1}{4}$  SE $\frac{1}{4}$  West of Florence Canal;Section 31:S $\frac{1}{2}$ ;Section 32:SW $\frac{1}{4}$ ;Twp. 6 S., R. 5 E.:Section 13:S $\frac{1}{2}$  SE $\frac{1}{4}$  S $\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;North 18.11 acres of SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;SE $\frac{1}{4}$ ;Section 14:NE $\frac{1}{4}$ ;Section 24:South 14 acres of W $\frac{1}{2}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 26:NW $\frac{1}{4}$ ;North 8 acres of W $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  SW $\frac{1}{4}$ ;SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 35:S $\frac{1}{2}$  NE $\frac{1}{4}$ ;NE $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;Twp. 6 S., R. 6 E.:Section 19:South 28 acres of SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;Section 20:SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 22:NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 25:SE $\frac{1}{4}$ ;N $\frac{1}{2}$  SW $\frac{1}{4}$ ;Section 27:

All of Section 27;

Section 28:N $\frac{1}{2}$  SW $\frac{1}{4}$ ;SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 31:N $\frac{1}{2}$ ;Twp. 6 S., R. 7 E.:Section 12:SW $\frac{1}{4}$ ;Section 13:SE $\frac{1}{4}$ ;Section 15:NW $\frac{1}{4}$ ;Section 19:SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 20:SW $\frac{1}{4}$ ;W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

## THIRD-Continued

Twp. 5 S., R. 9 E. (continued)

## Section 5:

20 acres in SW $\frac{1}{4}$ :

## Section 7:

35 acres in E $\frac{1}{2}$  NW $\frac{1}{4}$ :

## Section 9:

10 acres in W $\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$  South  
of County Highway:

## Section 10:

NE $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

## Section 11:

60 acres in NE $\frac{1}{4}$ ;  
South 15 acres of W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
North 15 acres of E $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
E $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## Section 15:

E $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;

## Section 16:

All of Section 16, excepting  
therefrom the S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

## Section 17:

NE $\frac{1}{4}$ ;  
S $\frac{1}{2}$ ;

## Section 18:

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
SW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

## Section 21:

E $\frac{1}{2}$  NW $\frac{1}{4}$ ;  
145 acres in SW $\frac{1}{4}$ , north and west  
of Florence Canal;  
(continued)N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;North 15 acres of NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

## Section 22:

W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$ ;

## Section 28:

W $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;North 15 acres of E $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;N $\frac{1}{2}$  NW $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## Section 29:

NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;West 3.2 acres of NW $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;33.0 acres in SW $\frac{1}{4}$  SE $\frac{1}{4}$  West of Florence Canal;

## Section 31:

S $\frac{1}{2}$ ;

## Section 32:

SW $\frac{1}{4}$ ;

Twp. 6 S., R. 5 E.:

## Section 13:

S $\frac{1}{2}$  SE $\frac{1}{4}$  S $\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$ ;North 18.11 acres of SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;SE $\frac{1}{4}$ ;

## Section 14:

NE $\frac{1}{4}$ ;

## Section 24:

South 14 acres of W $\frac{1}{2}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## Section 26:

NW $\frac{1}{4}$ ;North 8 acres of W $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  SW $\frac{1}{4}$ ;SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

## Section 35:

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;NE $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Twp. 6 S., R. 6 E.:

## Section 19:

South 28 acres of SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

## Section 20:

SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## Section 22:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

## Section 25:

SE $\frac{1}{4}$ ;N $\frac{1}{2}$  SW $\frac{1}{4}$ ;

## Section 27:

All of Section 27;

## Section 28:

N $\frac{1}{2}$  SW $\frac{1}{4}$ ;SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

## Section 31:

N $\frac{1}{2}$ ;

Twp. 6 S., R. 7 E.:

## Section 12:

SW $\frac{1}{4}$ ;

## Section 13:

SE $\frac{1}{4}$ ;

## Section 15:

NW $\frac{1}{4}$ ;

## Section 19:

SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

## Section 20:

SW $\frac{1}{4}$ ;W $\frac{1}{2}$  SE $\frac{1}{4}$ ;

THIRD-continued

Section 22:

NW 1/4 SW 1/4;

W 1/4 SE 1/4;

Section 23:

NW 1/4;

Section 25:

S 1/4;

Section 26:

All of Section 26;

Section 27:

SE 1/4;

Section 28:

NW 1/4;

Section 30:

36.61 acres comprising Lot 3;

Twp. 6 S., R. 8 E.:

Section 7:

SW 1/4;

Section 12:

All of Section 12;

Section 13:

W 1/4;

Section 15:

SE 1/4;

Section 18:

39.92 acres comprising Lot 1;

Section 19:

East 157 acres of SW 1/4;

NE 1/4 SE 1/4;

Section 20:

NW 1/4 SW 1/4;

E 1/4 SW 1/4;

Section 21:

NW 1/4;

Section 28:

W 1/4 NE 1/4;

E 1/4 NW 1/4;

S 1/4 S 1/4 NW 1/4;

Section 30:

N 1/4;

Section 35:

N 1/4 NW 1/4 NW 1/4;

Twp. 6 S., R. 9 E.:

Section 6:

70.20 acres comprising Lots 5 and 6;

West 63 acres of Lots 11 and 12;

30.20 acres comprising Lot 14;

Section 19:

60 acres comprising Lots 2 and 3;

Twp. 7 S., R. 5 E.:

Section 1:

SE 1/4;

Twp. 7 S., R. 6 E.:

Section 4:

N 1/4;

W 1/4 SW 1/4;

N 1/4 SE 1/4;

Section 5:

E 1/4;

Section 6:

74.96 acres comprising Lots 4 and 5.

(c) That the Secretary of the Interior or his agents in dividing the waters of the said Florence-Casa Grande Project shall see that the losses of water in the whole system of project canals (now a part of the San Carlos Project System) are shared as equitably as may be to the end that, with respect to such losses, no water right under the project shall enjoy any advantage of location, position or otherwise over any other project water right; but losses occurring in the Indian and private canals leading from said project canals shall be disregarded in the division of water hereinabove provided for; and furthermore whenever the quantity of water diverted into the canals of said project shall, in the aggregate, be so small that, after deducting the losses of transmission in the project canals and then dividing the residue between the Indian lands and the lands in private ownership as hereinabove provided for, the share allotted to the Indian rights would be too small to reach the Indian reservation, the Secretary of the Interior, or his agent in charge of said project, shall permit all of said water to be applied to the irrigation of privately owned lands in accordance with their priorities.

(4) The right to divert 603,276 acre feet of the water of the Gila River, during each irrigation season from the natural flow in said stream at the Ashurst-Hayden and Sacaton Dams above described--as of the date of priority of not later than June 7, 1924 (and for the purposes of this decree and for them only as of said date) and to the extent that such waters are available under said priority--at a total rate of diversion not exceeding 1256.5 cubic feet per second at any time during such season, for the reclamation and irrigation of the 100,546 acres of the irrigable lands of the San Carlos Project and for supplying water to the State of Arizona, and towns, villages and municipalities of that state, and federal agencies, as provided in the Act of March 7th, 1928, and in the so-called Repayment Contract bearing date the 8th of June, 1931, said 100,546 acres of project lands being more particularly described as follows:

- (a) 49,896 acres of land within the Gila River Indian Reservation which have been, or may be allotted to individuals among the Indians thereof (also referred to herein as "Indian Lands"), together with 650 acres within said reservation comprising the School Farm, Agricultural Experiment Station and Administrative Area.
- (b) 50,000 acres of land in private ownership of white persons (also referred to herein as "White Lands"), made up of such White Lands designated to come into the San Carlos Project by order of the Secretary of the Interior of April 25th, 1928, and August 9th, 1934, said designated lands being described as follows:

(c) That the Secretary of the Interior or his agents in dividing the waters of the said Florence-Casa Grande Project shall see that the losses of water in the whole system of project canals (now a part of the San Carlos Project System) are shared as equitably as may be to the end that, with respect to such losses, no water right under the project shall enjoy any advantage of location, position or otherwise over any other project water right; but losses occurring in the Indian and private canals leading from said project canals shall be disregarded in the division of water hereinabove provided for; and furthermore whenever the quantity of water diverted into the canals of said project shall, in the aggregate, be so small that, after deducting the losses of transmission in the project canals and then dividing the residue between the Indian lands and the lands in private ownership as hereinabove provided for, the share allotted to the Indian rights would be too small to reach the Indian reservation, the Secretary of the Interior, or his agent in charge of said project, shall permit all of said water to be applied to the irrigation of privately owned lands in accordance with their priorities.

(4) The right to divert 503,276 acre feet of the water of the Gila River, during each irrigation season from the natural flow in said stream at the Ashurst-Hayden and Sacaton Dams above described—as of the date of priority of not later than June 7, 1924 (and for the purposes of this decree and for them only as of said date) and to the extent that such waters are available under said priority—at a total rate of diversion not exceeding 1256.5 cubic feet per second at any time during such season, for the reclamation and irrigation of the 100,546 acres of the irrigable lands of the San Carlos Project and for supplying water to the State of Arizona, and towns, villages and municipalities of that state, and federal agencies, as provided in the Act of March 7th, 1928, and in the so-called Repayment Contract bearing date the 8th of June, 1931, said 100,546 acres of project lands being more particularly described as follows:

- (a) 49,896 acres of land within the Gila River Indian Reservation which have been, or may be allotted to individuals among the Indians thereof (also referred to herein as "Indian Lands"), together with 650 acres within said reservation comprising the School Farm, Agricultural Experiment Station and Administrative Area.
- (b) 50,000 acres of land in private ownership of white persons (also referred to herein as "White Lands"), made up of such White Lands designated to come into the San Carlos Project by order of the Secretary of the Interior of April 25th, 1928, and August 9th, 1934, said designated lands being described as follows:

Twp. 4 S., R. 8 E.Section 36:S $\frac{1}{2}$  SW $\frac{1}{4}$ ;SE $\frac{1}{4}$  less 2 acres in Northwest Corner;Twp. 4 S., R. 9 E.Section 25:10 acres in NE $\frac{1}{4}$  NE $\frac{1}{4}$  between North Side Canal and Gila River;South 34 acres of S $\frac{1}{2}$  S $\frac{1}{2}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  S $\frac{1}{2}$  SE $\frac{1}{4}$ ;Section 26:30 acres in N $\frac{1}{2}$  SE $\frac{1}{4}$ , between North Side Canal and Gila River;60 acres in SW $\frac{1}{4}$  between North Side Canal and Gila River;Section 27:S $\frac{1}{2}$  SW $\frac{1}{4}$ ;North 30 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;South 25 acres of S $\frac{1}{2}$  SE $\frac{1}{4}$ ;Section 28:S $\frac{1}{2}$  S $\frac{1}{2}$ ;Section 29:S $\frac{1}{2}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ;SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;Section 31:E $\frac{1}{2}$  NW $\frac{1}{4}$ ;S $\frac{1}{2}$  NE $\frac{1}{4}$ ;Section 32:N $\frac{1}{2}$  N $\frac{1}{2}$  N $\frac{1}{2}$  NW $\frac{1}{4}$ ;NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;Section 33:N $\frac{1}{2}$  N $\frac{1}{2}$ ;55 acres in S $\frac{1}{2}$  NE $\frac{1}{4}$  North of Gila River;Section 34:100 acres in NW $\frac{1}{4}$  North of Gila River;60 acres in N $\frac{1}{2}$  NE $\frac{1}{4}$  North of Gila River;E $\frac{1}{2}$  SE $\frac{1}{4}$ ;SW $\frac{1}{2}$  SE $\frac{1}{4}$ ;S $\frac{1}{2}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;Section 35:SW $\frac{1}{2}$  except 5.46 acres in NW Corner;177.68 acres in E $\frac{1}{2}$  lying South of Gila River and North and West of the town of Florence;Section 36:NW $\frac{1}{4}$  except 2.65 acres, in SW $\frac{1}{4}$  SE $\frac{1}{4}$  of said NW $\frac{1}{4}$ ;NE $\frac{1}{2}$  except West 2 acres thereof;SE $\frac{1}{4}$  except 72.5 acres in South Central part thereof;Twp. 4 S., R. 10 E.Section 11:S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;Section 14:N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;Section 15:90 acres between Florence Canal and Gila River in NE $\frac{1}{4}$ ;Section 16:

149 acres in South part of Section 16 between North Side Canal and Arizona Eastern Railway and between Arizona Eastern Railway and Gila River.

Section 17:160 acres in that part lying between North Side Canal and Gila River and east of the east line of N $\frac{1}{2}$  SW $\frac{1}{4}$ ;Section 19:23.67 acres in SE $\frac{1}{4}$  SE $\frac{1}{4}$  south of Gila River;Section 20:21.48 acres in NW $\frac{1}{4}$  south of Gila River;S $\frac{1}{2}$  N $\frac{1}{2}$ ;NE $\frac{1}{2}$  SE $\frac{1}{4}$ ;79.99 acres in S $\frac{1}{2}$  SE $\frac{1}{4}$ ;Section 21:W $\frac{1}{2}$  SW $\frac{1}{4}$ ;135 acres in N $\frac{1}{2}$  south of Gila River;Section 28:83.68 acres in W $\frac{1}{2}$  North of Florence Canal;24.50 acres in NE $\frac{1}{4}$  NW $\frac{1}{4}$  North of Florence Canal;Section 29:NE $\frac{1}{4}$ ;SW $\frac{1}{4}$ ;128.18 acres in SE $\frac{1}{4}$  North and West of Florence Canal;Section 30:NE $\frac{1}{2}$  NE $\frac{1}{4}$ ;S $\frac{1}{2}$  NE $\frac{1}{4}$ ;SE $\frac{1}{4}$ ;E $\frac{1}{2}$  SW $\frac{1}{4}$ ;E $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  W $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;S $\frac{1}{2}$  N $\frac{1}{2}$  W $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$ ;Section 31:NW $\frac{1}{4}$ , less 4 acres of deeded highway;NE $\frac{1}{4}$ ;157.47 acres in SW $\frac{1}{4}$  North and West of Florence Canal;89.38 acres in SE $\frac{1}{4}$  North and West of Florence Canal;Section 32:106.96 acres in NW $\frac{1}{4}$  North and West of Florence Canal;Twp. 5 S., R., 7 E.Section 1:5 acres in an exact square in the South east corner of NW $\frac{1}{4}$ ;Section 12:

North 185.02 acres east of Reservation Line;

Twp. 5 S., R., 8 E.Section 1:N $\frac{1}{2}$ ;N $\frac{1}{2}$  SW $\frac{1}{4}$ ;North 110 acres of SE $\frac{1}{4}$ ;

- Section 2:  
NE $\frac{1}{4}$ :  
NE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 5:  
SW $\frac{1}{4}$ :  
W $\frac{1}{4}$  SE $\frac{1}{4}$ :  
66.56 acres in E $\frac{1}{4}$  SE $\frac{1}{4}$  South and West of Gila River;  
Section 6:  
S $\frac{1}{4}$  NE $\frac{1}{4}$ :  
N $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 7:  
S $\frac{1}{4}$  N $\frac{1}{4}$ :  
319.92 acres in S $\frac{1}{4}$ :  
Section 8:  
All of Section 8;  
Section 9:  
S $\frac{1}{4}$ :  
NW $\frac{1}{4}$ :  
115.90 acres in NE $\frac{1}{4}$  South of Gila River;  
Section 10:  
South 380.55 acres (Railroad Right-of-way deducted);  
Section 13:  
S $\frac{1}{4}$  NE $\frac{1}{4}$ :  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$ :  
Section 14:  
All of Section 14;  
Section 15:  
E $\frac{1}{4}$ :  
304.78 acres in W $\frac{1}{4}$  (Railroad Right-of-way deducted);
- Section 16:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$  containing 37 acres;  
Section 17:  
All of Section 17;  
Section 18:  
All of Section 18, containing 641.36 acres;  
Section 21:  
E $\frac{1}{4}$ :  
S $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 22:  
NE $\frac{1}{4}$ :  
141.57 acres in NW $\frac{1}{4}$  (Railroad Right-of-way deducted);  
E $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 23:  
All of Section 23;  
Section 24:  
All of Section 24;  
Section 25:  
All of Section 25;  
Section 26:  
All of Section 26;  
Section 27:  
SW $\frac{1}{4}$ :  
142 acres in NW $\frac{1}{4}$  (Townsite addition deducted);  
304.72 acres in E $\frac{1}{4}$  (Railroad Right-of-way deducted);  
Section 28:  
NE $\frac{1}{4}$ :  
Section 34:  
152.35 acres in NE $\frac{1}{4}$  (Railroad Right-of-way deducted);  
Section 35:  
NW $\frac{1}{4}$ :
- Section 36:  
N $\frac{1}{4}$ :  
E $\frac{1}{4}$  E $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Twp. 5 S., R. 9 E.,
- Section 1:  
10 acres in N $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ , North of Florence Canal;  
Section 2:  
North 53.32 acres in NE $\frac{1}{4}$  West of Florence Townsite;  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
NW $\frac{1}{4}$ :  
4.18 acres in NW corner of SW $\frac{1}{4}$ :  
Section 3:  
NE $\frac{1}{4}$ :  
E $\frac{1}{4}$  NW $\frac{1}{4}$ :  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
NE $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
North 56.01 acres of the W $\frac{1}{4}$  SW $\frac{1}{4}$ :  
North 33.48 acres of the E $\frac{1}{4}$  SW $\frac{1}{4}$ :  
North 18.02 acres of the NW $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 4:  
South 122.18 acres of the NE $\frac{1}{4}$ :  
156.13 acres being the SE $\frac{1}{4}$  except 3.87 acres in SE corner.  
Section 6:  
W $\frac{1}{4}$  W $\frac{1}{4}$  NW $\frac{1}{4}$ :  
W $\frac{1}{4}$  E $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Section 8:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 9:  
10 acres in NE $\frac{1}{4}$  NE $\frac{1}{4}$ :  
S $\frac{1}{4}$  S $\frac{1}{4}$ :



- Section 2:  
NE $\frac{1}{4}$ :  
NE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 5:  
SW $\frac{1}{4}$ :  
W $\frac{1}{4}$  SE $\frac{1}{4}$ :  
66.56 acres in E $\frac{1}{4}$  SE $\frac{1}{4}$  South and West of Gila River;  
Section 6:  
S $\frac{1}{4}$  NE $\frac{1}{4}$ :  
N $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 7:  
S $\frac{1}{4}$  N $\frac{1}{4}$ :  
319.92 acres in S $\frac{1}{4}$ :  
Section 8:  
All of Section 8;  
Section 9:  
S $\frac{1}{4}$ :  
NW $\frac{1}{4}$ :  
115.90 acres in NE $\frac{1}{4}$  South of Gila River;  
Section 10:  
South 380.85 acres (Railroad Right-of-way deducted);  
Section 13:  
S $\frac{1}{4}$  NE $\frac{1}{4}$ :  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$ :  
Section 14:  
All of Section 14;  
Section 15:  
E $\frac{1}{4}$ :  
304.78 acres in W $\frac{1}{4}$  (Railroad Right-of-way deducted);  
Section 16:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$  containing 37 acres;  
Section 17:  
All of Section 17;  
Section 18:  
All of Section 18, containing 641.36 acres;  
Section 21:  
E $\frac{1}{4}$ :  
S $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ :  
Section 22:  
NE $\frac{1}{4}$ :  
141.57 acres in NW $\frac{1}{4}$  (Railroad Right-of-way deducted);  
E $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 23:  
All of Section 23;  
Section 24:  
All of Section 24;  
Section 25:  
All of Section 25;  
Section 26:  
All of Section 26;  
Section 27:  
SW $\frac{1}{4}$ :  
142 acres in NW $\frac{1}{4}$  (Townsite addition deducted);  
304.72 acres in E $\frac{1}{4}$  (Railroad Right-of-way deducted);  
Section 28:  
NE $\frac{1}{4}$ :  
Section 34:  
152.35 acres in NE $\frac{1}{4}$  (Railroad Right-of-way deducted);  
Section 35:  
NE $\frac{1}{4}$ :  
Section 36:  
N $\frac{1}{4}$ :  
E $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 1:  
10 acres in W $\frac{1}{4}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ , North of Florence Canal;  
Section 2:  
North 53.32 acres in NE $\frac{1}{4}$  West of Florence Townsite;  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
NW $\frac{1}{4}$ :  
4.18 acres in NW corner of SW $\frac{1}{4}$ :  
Section 3:  
NE $\frac{1}{4}$ :  
E $\frac{1}{4}$  NW $\frac{1}{4}$ :  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
S $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
NE $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
North 56.01 acres of the W $\frac{1}{4}$  SW $\frac{1}{4}$ :  
North 33.48 acres of the E $\frac{1}{4}$  SW $\frac{1}{4}$ :  
North 18.02 acres of the NW $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 4:  
South 122.18 acres of the NE $\frac{1}{4}$ :  
156.13 acres being the SE $\frac{1}{4}$  except 3.87 acres in SE corner.  
Section 6:  
W $\frac{1}{4}$  W $\frac{1}{4}$  NW $\frac{1}{4}$ :  
W $\frac{1}{4}$  E $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ :  
NW $\frac{1}{4}$  SW $\frac{1}{4}$ :  
Section 8:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ :  
Section 9:  
10 acres in NE $\frac{1}{4}$  NE $\frac{1}{4}$ :  
S $\frac{1}{4}$  S $\frac{1}{4}$ :

Section 10:

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
NE $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
NE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 11:

E $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
N $\frac{1}{2}$  NW $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
West 7 acres SW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
81.65 acres in NE $\frac{1}{4}$  North of  
Florence Canal;  
31.76 acres in NE $\frac{1}{4}$  South of  
Florence Canal;

Section 15:

302.89 acres in N $\frac{1}{2}$  West of  
Florence Canal;  
140 acres in S $\frac{1}{2}$  North of  
Florence Canal;

Section 16:

All of Section 16;

Section 17:

S $\frac{1}{2}$ ;  
NE $\frac{1}{4}$ ;

Section 18:

SW $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 19:

All of Section 19;

Section 20:

All of Section 20;

Section 21:

308.10 acres in W $\frac{1}{2}$  west of Florence  
Canal;  
141.68 acres in NE $\frac{1}{4}$  West of Florence  
Canal;  
N $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
2.8 acres in NW $\frac{1}{4}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$  West of  
Florence Canal;  
12.43 acres in the N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$  East  
of Florence Canal;

Section 22:

9.54 acres in W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$  West of  
Florence Canal;  
30.46 acres in W $\frac{1}{2}$  W $\frac{1}{2}$  NW $\frac{1}{4}$  South of  
Florence Canal;

Section 28:

56.63 acres in NW $\frac{1}{4}$  west of Florence  
Canal;

Section 29:

547.85 acres West of Florence Canal  
(Pima Lateral Deducted);

Section 30:

632.65 acres (Pima Lateral deducted);

Section 31:

All of Section 31;

Section 32:

169.62 acres in N $\frac{1}{2}$  West of Florence  
Canal;  
102.13 acres in SW $\frac{1}{4}$  west of Florence  
Canal;  
57.87 acres in SW $\frac{1}{4}$  East of Florence  
Canal;

Twp. 6 S., R. 5 E.:

Section 13:

E $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
SE $\frac{1}{4}$ ;  
(Continued)

SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

150 acres in SW $\frac{1}{4}$  (Railroad right-of-  
way deducted);

Section 14:

NE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$ ;  
155.80 acres in SE $\frac{1}{4}$  (Railroad right-  
of-way deducted);

Section 15:

S $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
S $\frac{1}{2}$  S $\frac{1}{2}$  N $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
East 15 acres of SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
South 25 acres of SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 22:

E $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 23:

All of Section 23;

Section 24:

S $\frac{1}{2}$ ;  
NW $\frac{1}{4}$ ;  
137.30 acres in NE $\frac{1}{4}$  (Railroad Right-  
of-way deducted);

Section 25:

All of Section 25;

Section 26:

All of Section 26;

Section 35:

NE $\frac{1}{4}$ ;  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 36:

N $\frac{1}{2}$ ;  
SE $\frac{1}{4}$ ;  
97.40 acres in SW $\frac{1}{4}$  North and East  
of Casa Grande Canal;

Twp. 6 S., R. 6 E.

Section 18:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SE $\frac{1}{2}$  SE $\frac{1}{2}$ ;

Section 19:

SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
4.06 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 20:

SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
15 acres in Southeast corner of  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 22:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 25:

S $\frac{1}{2}$ ;

Section 27:

All of Section 27;

Section 28:

315 acres in S $\frac{1}{2}$  (Railroad Right-of-way deducted);

Section 29:

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

30 acres in NE $\frac{1}{4}$  SW $\frac{1}{4}$  (Railroad Right-of-way deducted);

73.85 acres in S $\frac{1}{2}$  SE $\frac{1}{2}$ ; (Railroad right-of-way deducted);

16.00 acres in NW $\frac{1}{4}$  SE $\frac{1}{2}$  Southwest of Railroad;

Section 30:

SW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
S $\frac{1}{2}$  containing 313.76 acres;

Section 31:

All of Section 31;

Section 32:

All of Section 32;

Section 33:

43.76 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$  South of Railroad;  
10.33 acres in Northeast Corner of NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$ ;

68.52 acres in E $\frac{1}{2}$  E $\frac{1}{2}$  North of Railroad;

39.17 acres in W $\frac{1}{2}$  E $\frac{1}{2}$  North of Railroad;

170 acres in E $\frac{1}{2}$  South of Railroad;

7.89 acres being Lots 0 to 7, Block 1, Monte Vista Acres;

2.00 acres being Lots 8 and 9, Block 1, Monte Vista Acres;

.14 acres being the East 20 feet of Lot 1, Block 2, Monte Vista Acres;

.86 acres being Lot 1, Block 2, Monte Vista Acres; except the East 20 feet;

6.00 acres being Lots 2 to 7, Block 2, Monte Vista Acres;

2.00 acres being Lots 8 and 9, Block 2, Monte Vista Acres;

2.00 acres being Lots 1 and 2, Block 3, Monte Vista Acres;

6.00 acres being Lots 3 to 8, Block 3, Monte Vista Acres;

1.00 acre being Lot 9, Block 3, Monte Vista Acres;

3.00 acres being Lots 10 to 12, Block 3, Monte Vista Acres;

1.23 acres being Lots 13 and 14, Block 3, Monte Vista Acres;

Section 34:

50 acres in S $\frac{1}{2}$  south of Railroad;

2.08 acres being Block 3, Arizona Townsite;

2.40 acres being Block 4, Arizona Townsite;

2.51 acres being Block 5, Arizona Townsite;

1.64 acres being Block 6, Arizona Townsite;

4.62 acres being Block 7, Arizona Townsite;

(Continued)

4.62 acres being Block 8, Arizona Townsite;

4.62 acres being Block 9, Arizona Townsite;

4.62 acres being Block 10, Arizona Townsite;

4.62 acres being Block 11, Arizona Townsite;

4.62 acres being Block 12, Arizona Townsite;

4.80 acres being Block 13, Arizona Townsite;

4.80 acres being Block 14, Arizona Townsite;

4.80 acres being Block 15, Arizona Townsite;

1.05 acres being Lots 1 to 4, Block 16, Arizona Townsite;

.92 acres being Lots 10 to 12, Block 16, Arizona Townsite;

.22 acres being Lot 13, Block 16, Arizona Townsite;

1.26 acres being Lots 14 to 18, Block 16, Arizona Townsite;

2.40 acres being the S $\frac{1}{2}$  of Block 16, Arizona Townsite;

.48 acres being Lot 10, Block 17, Arizona Townsite;

.87 acres being Lots 12 to 15, Block 17, Arizona Townsite;

.83 acres being Lots 16 to 18, Block 17, Arizona Townsite;

4.80 acres being Block 18, Arizona Townsite;

4.80 acres being Block 19, Arizona Townsite;

2.40 acres being the S $\frac{1}{2}$  of Block 20, Arizona Townsite;

2.40 acres being the N $\frac{1}{2}$  of Block 20, Arizona Townsite;

4.80 acres being the Block 21, Arizona Townsite;

4.62 acres being Block 22, Arizona Townsite;

2.31 acres being the N $\frac{1}{2}$  of Block 23, Arizona Townsite;

2.31 acres being the S $\frac{1}{2}$  of Block 23, Arizona Townsite;

3.40 acres being Lots 5 to 32, Block 24, Arizona Townsite;

11.68 acres being Lots 1 to 10, Block 28, Arizona Townsite;

5.36 acres being Lots 11, 12, S $\frac{1}{2}$  of 13, S $\frac{1}{2}$  of 14 in Block 28, Arizona Townsite;

(Continued)

Twp. 6 S., R. 6 E.:

Section 18:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
S $\frac{1}{2}$  SE $\frac{1}{2}$  SE $\frac{1}{2}$ ;

Section 19:

SE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
4.06 acres in SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 20:

SW $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$ ;  
15 acres in Southeast corner of  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 22:

NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;  
N $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

Section 25:

S $\frac{1}{2}$ ;

Section 27:

All of Section 27;

Section 28:

315 acres in S $\frac{1}{2}$  (Railroad Right-  
of-way deducted);

Section 29:

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;  
30 acres in NE $\frac{1}{4}$  SW $\frac{1}{4}$  (Railroad Right-  
of-way deducted);  
73.85 acres in S $\frac{1}{2}$  SE $\frac{1}{2}$ ; (Railroad right-  
of-way deducted);

16.00 acres in NW $\frac{1}{4}$  SE $\frac{1}{2}$  Southwest of  
Railroad;

Section 30:

SW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
S $\frac{1}{2}$  containing 313.76 acres;

Section 31:

All of Section 31;

Section 32:

All of Section 32;

Section 33:

43.76 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$  South of Railroad;  
10.33 acres in Northeast Corner of  
NE $\frac{1}{4}$  NW $\frac{1}{4}$ ;

S $\frac{1}{2}$  NW $\frac{1}{4}$ ;

SW $\frac{1}{4}$ ;

68.52 acres in E $\frac{1}{2}$  E $\frac{1}{2}$  North of Railroad;

39.17 acres in W $\frac{1}{2}$  E $\frac{1}{2}$  North of Railroad;

170 acres in E $\frac{1}{2}$  South of Railroad;

7.89 acres being Lots 0 to 7, Block 1,  
Monte Vista Acres;

2.00 acres being Lots 8 and 9, Block 1,  
Monte Vista Acres;

.14 acres being the East 20 feet of Lot 1,  
Block 2, Monte Vista Acres;

.86 acres being Lot 1, Block 2, Monte  
Vista Acres; except the East 20  
feet;

6.00 acres being Lots 2 to 7, Block 2,  
Monte Vista Acres;

2.09 acres being Lots 8 and 9, Block 2,  
Monte Vista Acres;

2.09 acres being Lots 1 and 2, Block 3,  
Monte Vista Acres;

6.00 acres being Lots 3 to 8, Block 3,  
Monte Vista Acres;

1.00 acre being Lot 9, Block 3, Monte  
Vista Acres;

3.00 acres being Lots 10 to 12, Block 3,  
Monte Vista Acres;

1.23 acres being Lots 13 and 14, Block 3,  
Monte Vista Acres;

Section 34:

50 acres in S $\frac{1}{2}$  south of Railroad;

2.08 acres being Block 3, Arizona Townsite;

2.40 acres being Block 4, Arizona Townsite;

2.51 acres being Block 5, Arizona Townsite;

1.64 acres being Block 6, Arizona Townsite;

4.62 acres being Block 7, Arizona Townsite;

(Continued)

4.62 acres being Block 8, Arizona Townsite;  
4.62 acres being Block 9, Arizona Townsite;  
4.62 acres being Block 10, Arizona Townsite;  
4.62 acres being Block 11, Arizona Townsite;  
4.62 acres being Block 12, Arizona Townsite;  
4.80 acres being Block 13, Arizona Townsite;  
4.80 acres being Block 14, Arizona Townsite;  
4.80 acres being Block 15, Arizona Townsite;  
1.05 acres being Lots 1 to 4, Block 16,  
Arizona Townsite;  
.92 acres being Lots 10 to 12, Block 16,  
Arizona Townsite;  
.22 acres being Lot 13, Block 16, Arizona  
Townsite;

1.26 acres being Lots 14 to 18, Block 16,  
Arizona Townsite;  
2.40 acres being the S $\frac{1}{2}$  of Block 16,  
Arizona Townsite;

.48 acres being Lot 10, Block 17,  
Arizona Townsite;

.87 acres being Lots 12 to 15, Block 17,  
Arizona Townsite;

.83 acres being Lots 16 to 18, Block 17,  
Arizona Townsite;

4.80 acres being Block 18, Arizona Townsite;

4.80 acres being Block 19, Arizona Townsite;

2.40 acres being the S $\frac{1}{2}$  of Block 20,  
Arizona Townsite;

2.40 acres being the N $\frac{1}{2}$  of Block 20,  
Arizona Townsite;

4.80 acres being the Block 21, Arizona  
Townsite;

4.62 acres being Block 22, Arizona Townsite;

2.31 acres being the N $\frac{1}{2}$  of Block 23,  
Arizona Townsite;

2.31 acres being the S $\frac{1}{2}$  of Block 23,  
Arizona Townsite;

3.40 acres being Lots 5 to 32, Block 24,  
Arizona Townsite;

11.68 acres being Lots 1 to 10, Block 28,  
Arizona Townsite;

5.36 acres being Lots 11, 12, S $\frac{1}{2}$  of 13, S $\frac{1}{2}$  of  
14 in Block 28, Arizona Townsite;

(Continued)

5.36 acres being Lots --N $\frac{1}{2}$  13, N $\frac{1}{2}$  14, 15 and 16, in Block 28, Arizona Townsite;

11.62 acres being Lots 17 to 22, Block 28, Arizona Townsite;

33.04 acres being Block 29, Arizona Townsite;

17.46 acres being the E $\frac{1}{2}$  of Block 30, Arizona Townsite;

16.75 acres being the W $\frac{1}{2}$  of Block 30, Arizona Townsite;

17.72 acres being the E $\frac{1}{2}$  of Block 31, Arizona Townsite;

17.28 acres being the W $\frac{1}{2}$  of Block 31, Arizona Townsite;

11.30 acres being Lots 1 and 4, Block 32, Arizona Townsite;

6.12 acres being Lot 2, Block 32, Arizona Townsite;

11.73 acres being Lots 3 and 6, Block 32, Arizona Townsite;

5.89 acres being Lot 5, Block 32, Arizona Townsite;

28.59 acres being Lots 1 to 5, Block 33, Arizona Townsite;

5.77 acres being Lot 6, Block 33, Arizona Townsite;

12.62 acres being Lot 1, Block 34, Arizona Townsite;

12.46 acres being Lot 2, Block 34, Arizona Townsite;

22.24 acres being Lots 1 to 4, Block 35, Arizona Townsite;

11.78 acres being Lots 5 and 6, Block 35, Arizona Townsite;

2.00 acres being the NE Corner of Lot 1, Block 36, Arizona Townsite;

2.62 acres being Lot 1, Except 2 acres, Block 36, Arizona Townsite;

4.62 acres being Lot 2, Block 36, Arizona Townsite;

9.24 acres being Lots 3 and 4, Block 36, Arizona Townsite;

4.62 acres being Lot 1, Block 37, Arizona Townsite;

9.24 acres being Lots 3 and 4, Block 37, Arizona Townsite;

6.00 acres being Lot 1, Block 38, Arizona Townsite;

3.03 acres being the E $\frac{1}{2}$  of Lot 2, Block 38, Arizona Townsite;

3.03 acres being the W $\frac{1}{2}$  of Lot 2, Block 38, Arizona Townsite;

6.00 acres being Lot 3, Block 38, Arizona Townsite;

17.00 acres being Lots 1, 3 and 4, Block 39, Arizona Townsite;

6.00 acres being Lot 2, Block 38, Arizona Townsite;

18.04 acres being Block 40, Arizona Townsite;

18.08 acres being Block 41, Arizona Townsite;

36.51 acres being Block 42, Arizona Townsite;

20.00 acres being Blocks 1, 2, 25, 26 and 27, Arizona Townsite;

Section 35:  
S $\frac{1}{2}$ ;

Section 36:  
All of Section 36;

Twp. 6 S., R. 7 E.:  
Section 12:  
SW $\frac{1}{4}$ ;

Section 13:  
SE $\frac{1}{4}$ ;

Section 15:  
NW $\frac{1}{4}$ ;

Section 19:  
S $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 20:  
SW $\frac{1}{4}$   
W $\frac{1}{2}$  SE $\frac{1}{4}$ ;  
SE $\frac{1}{2}$  SE $\frac{1}{4}$ ;

Section 21:  
S $\frac{1}{2}$  S $\frac{1}{4}$ ;

Section 22:  
S $\frac{1}{4}$ ;

Section 23:  
W $\frac{1}{2}$ ;

W $\frac{1}{2}$  SE $\frac{1}{4}$  except 5 acres in Southeast Corner thereof;

Section 25:  
All of Section 25;

Section 26:  
N $\frac{1}{2}$ ;

138.52 acres in SW $\frac{1}{4}$  North of Casa Grande Canal;

SE $\frac{1}{4}$ ;

Section 27:  
All of Section 27;

Section 28:  
S $\frac{1}{4}$ ;

NW $\frac{1}{4}$ ;

N $\frac{1}{2}$  NE $\frac{1}{4}$ ;

Section 29:  
All of Section 29;

Section 30:  
E $\frac{1}{4}$ ;

N $\frac{1}{2}$  SW $\frac{1}{4}$  containing 76.61 acres;

S $\frac{1}{2}$  SW $\frac{1}{4}$ ;

All of Section 31;

Section 32:  
531.54 acres, all North of Casa Grande Canal;

Section 33:  
468.15 acres, all North of Casa Grande Canal;

Section 34:  
207.24 acres, All North of Casa Grande Canal;

Twp. 6 S., R. 8 E.:  
Section 1:  
E $\frac{1}{2}$  containing 478.20 acres;  
39.45 acres being E $\frac{1}{2}$  Lots 3 and 6,  
34.15 acres being the East part of Lot 11;  
240.00 acres being the South part of the W $\frac{1}{2}$ ;

- Section 5:  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
SW $\frac{1}{4}$  containing 158.40 acres;
- Section 7:  
NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;
- Section 11:  
NW $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$ ;
- Section 12:  
All of Section 12;
- Section 13:  
NW $\frac{1}{4}$ ;  
250 acres in E $\frac{1}{2}$  West of Florence Canal;
- Section 15:  
SE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  NW $\frac{1}{4}$  (Lot 1) containing 39.92 acres;
- Section 19:  
S $\frac{1}{2}$  Containing 326.42 acres;
- Section 20:  
S $\frac{1}{2}$ ;
- Section 21:  
W $\frac{1}{2}$ ;
- Section 28:  
NW $\frac{1}{4}$ ;  
W $\frac{1}{2}$  NE $\frac{1}{4}$ ;  
17.51 acres, the West part of the SW $\frac{1}{4}$  North of the Casa Grande Canal;
- Section 29:  
NW $\frac{1}{4}$ ;  
104.91 acres in N $\frac{1}{2}$  S $\frac{1}{2}$  North of Casa Grande Canal;
- Section 30:  
NE $\frac{1}{4}$ ;  
NW $\frac{1}{4}$  containing 167.54 acres;  
177.70 acres in S $\frac{1}{2}$  North of Casa Grande Canal;
- Section 35:  
N $\frac{1}{2}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$ ;
- Twp. 6 S., R. 9 E.:  
Section 6:  
388.87 acres West of Florence Canal;
- Section 7:  
100.60 acres in W $\frac{1}{2}$  West of Florence Canal;
- Twp. 7 S., R. 5 E.:  
Section 1:  
40 acres in N $\frac{1}{2}$  NW $\frac{1}{4}$ ;  
81.76 acres in NE $\frac{1}{4}$  North of Casa Grande Canal;  
SE $\frac{1}{4}$ ;
- Twp. 7 S., R. 6 E.:  
Section 1:  
572.83 acres North of Casa Grande Canal;
- Section 2:  
457.80 acres North of Southern Pacific Railroad;
- Section 3:  
77.87 acres in W $\frac{1}{2}$  South of Casa Grande Canal;
- Section 4:  
576.64 acres North of Casa Grande Canal (Railroad right-of-way deducted.);
- Section 5:  
NW $\frac{1}{4}$ ;  
SW $\frac{1}{4}$ ;  
76.73 acres in N $\frac{1}{2}$  SE $\frac{1}{4}$  North of Casa Grande Canal;
- Section 6:  
All of Section 5;
- Section 6:  
509.55 acres being all North of Casa Grande Canal except Lots 10 and 24, Eddy Subdivision;
- Section 10:  
10.00 acres being Lots 10 and 24, Eddy Subdivision;
- Section 10:  
16.35 acres being all North of Casa Grande Canal;
- Twp. 7 S., R. 7 E.:  
Section 5:  
11.17 acres in NW $\frac{1}{4}$  North of Casa Grande Canal;
- Section 6:  
304.91 acres, being all North of Casa Grande Canal.

5.36 acres being Lots --NA 13, N $\frac{1}{4}$  14, 15 and 16, in Block 28, Arizona Townsite;

11.62 acres being Lots 17 to 22, Block 28, Arizona Townsite;

33.04 acres being Block 29, Arizona Townsite;

17.46 acres being the E $\frac{1}{4}$  of Block 30, Arizona Townsite;

16.75 acres being the W $\frac{1}{4}$  of Block 30, Arizona Townsite;

17.72 acres being the E $\frac{1}{4}$  of Block 31, Arizona Townsite;

17.28 acres being the W $\frac{1}{4}$  of Block 31, Arizona Townsite;

11.30 acres being Lots 1 and 4, Block 32, Arizona Townsite;

6.12 acres being Lot 2, Block 32, Arizona Townsite;

11.73 acres being Lots 3 and 6, Block 32, Arizona Townsite;

5.89 acres being Lot 5, Block 32, Arizona Townsite;

28.59 acres being Lots 1 to 5, Block 33, Arizona Townsite;

5.77 acres being Lot 6, Block 33, Arizona Townsite;

12.62 acres being Lot 1, Block 34, Arizona Townsite;

12.46 acres being Lot 2, Block 34, Arizona Townsite;

22.24 acres being Lots 1 to 4, Block 35, Arizona Townsite;

11.78 acres being Lots 5 and 6, Block 35, Arizona Townsite;

2.00 acres being the NE Corner of Lot 1, Block 36, Arizona Townsite;

2.62 acres being Lot 1, Except 2 acres, Block 36, Arizona Townsite;

4.62 acres being Lot 2, Block 36, Arizona Townsite;

9.24 acres being Lots 3 and 4, Block 36, Arizona Townsite;

4.62 acres being Lot 1, Block 37, Arizona Townsite;

9.24 acres being Lots 3 and 4, Block 37, Arizona Townsite;

6.00 acres being Lot 1, Block 38, Arizona Townsite;

3.03 acres being the E $\frac{1}{4}$  of Lot 2, Block 36, Arizona Townsite;

3.03 acres being the W $\frac{1}{4}$  of Lot 2, Block 38, Arizona Townsite;

6.00 acres being Lot 3, Block 38, Arizona Townsite;

17.00 acres being Lots 1, 3 and 4, Block 39, Arizona Townsite;

6.00 acres being Lot 2, Block 38, Arizona Townsite;

18.04 acres being Block 40, Arizona Townsite;

18.08 acres being Block 41, Arizona Townsite;

36.51 acres being Block 42, Arizona Townsite;

20.00 acres being Blocks 1, 2, 25, 26 and 27, Arizona Townsite;

Section 35:  
St;

Section 36:  
All of Section 36;

Twp. 6 S., R. 7 E.:  
Section 12:  
SW $\frac{1}{4}$ ;

Section 13:  
SE $\frac{1}{4}$ ;

Section 15:  
NW $\frac{1}{4}$ ;

Section 19:  
St SE $\frac{1}{4}$ ;

Section 20:  
SW $\frac{1}{4}$   
W $\frac{1}{4}$  SE $\frac{1}{4}$ ;  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

Section 21:  
St St $\frac{1}{4}$ ;

Section 22:  
St;

Section 23:  
W $\frac{1}{4}$ ;  
W $\frac{1}{4}$  SE $\frac{1}{4}$  except 5 acres in Southeast Corner thereof;

Section 25:  
All of Section 25;

Section 26:  
N $\frac{1}{4}$ ;  
138.52 acres in SW $\frac{1}{4}$  North of Casa Grande Canal;  
SE $\frac{1}{4}$ ;

Section 27:  
All of Section 27;

Section 28:  
St;  
NW $\frac{1}{4}$ ;  
N $\frac{1}{4}$  NE $\frac{1}{4}$ ;

Section 29:  
All of Section 29;

Section 30:  
E $\frac{1}{4}$ ;  
N $\frac{1}{4}$  SW $\frac{1}{4}$  containing 76.61 acres;  
St SW $\frac{1}{4}$ ;

Section 31:  
All of Section 31;

Section 32:  
531.54 acres, all North of Casa Grande Canal;

Section 33:  
468.15 acres, all North of Casa Grande Canal;

Section 34:  
207.24 acres, All North of Casa Grande Canal;

Twp. 6 S., R. 8 E.:  
Section 1:  
E $\frac{1}{4}$  containing 478.20 acres;  
39.43 acres being E $\frac{1}{4}$  Lots 3 and 6,  
34.15 acres being the East part of Lot 11;  
240.00 acres being the South part of the W $\frac{1}{4}$ ;

(5) The right, as of the date of priority of not later than June 7, 1924, --- and for the purposes of this decree and for them only as of said date--- to store the waters of the Gila River in the San Carlos Reservoir of the aforesaid San Carlos Project by means of the Coolidge Dam (said Reservoir and Dam being situate within the San Carlos Indian Reservation) to the extent of the full 1,285,000 acre-foot capacity of said Reservoir at all times when said waters are available above said dam for such storage under the aforesaid priority; and the right in that relation to accomplish and control the release from said reservoir of the waters so stored and thus reduced to ownership, and to conduct the same down the channel of the Gila River to the Ashurst-Hayden and Sacaton diversion dams of the San Carlos Project and there to recapture and divert, and control the diversion of, the same by means of said dams for conveyance in the canals leading therefrom to the above described 100,546 acres of the lands of said Project for the reclamation and irrigation thereof, and for the supplementation of amounts available therefor at said dams from the natural stream flow under plaintiff's rights as same are decreed herein, and for State and Federal purposes under act of March 7, 1928 as hereinbefore described.

(6) The right, as against the parties to this cause, to divert from the Gila River 17,950 acre feet of water, --- for the irrigation of 2992.5 acres of Indian lands at the Gila Crossing District on said Reservation--- each irrigation season at a rate of diversion not exceeding 37.4 cubic feet per second of time, from the waters occurring or recurring in said river beginning at the point where the Southern Pacific Railway crosses said river in Section 13, Township 3 South, Range 4 East of Gila and Salt River Base and Meridian or between said point and a point one hundred feet above where the Salt River empties into the Gila River, at the diversion points on said reservation as now or hereafter located, as of the following dates of priority:

For 954 acres of said lands	January 1st,	1873.
" 587 "	" " "	" , 1876.
" 660 "	" " "	" , 1877.
" 139 "	" " "	" , 1900.
" 58.5 "	" " "	" , 1903.

It is further provided that water rights with the priorities fixed as aforesaid are for the irrigation of said Gila Crossing Indian lands, but subject at all times, to all rights on said Gila River above said point hereinabove described, and provided also that said rights are subject to the right of the San Carlos project, to divert and use return flows, or water otherwise occurring in the river above said point and the right of said project to pump and otherwise interfere with and control the return flow from the lands within said project.

That certain of the foregoing rights, as listed under items (1), (3) and (4) above are inclusive one of the other so that diversions thereunder do not accumulate, and the amounts in acre feet per season and cubic feet per second stated in the 3rd item include those given in the 1st and those stated in the 4th item include those given in the 1st and 3rd; in each instance representing the total diversion allowable under that priority and those prior thereto as described in said items.

#### VII

That all Indian lands and all white lands now or hereinafter designated by the Secretary of the Interior as within the San Carlos Project and under said San Carlos Reservoir shall be entitled to share equally in all of the stored and pumped water of said Project in so far as that shall be physically feasible, and said lands shall share equally in all of the water of said Project of every nature as long as the stored and unstored water supply for said Project shall be sufficient for Project needs, and as far as that shall be physically feasible, but when, through lack of stored and pumped water, there shall be an insufficient supply of water for all of the lands of said Project lying under said reservoir, which condition or fact shall be determined by the Secretary of the Interior or his duly authorized agent, the lands so situated, in addition to their proper share of such stored and pumped waters as may be available to the Project, shall be entitled to and have apportioned to them the unstored flow of the Gila River which is available as a whole, and susceptible of being diverted, for the Indian and White lands of the aforesaid Florence-Casa Grande Project together with the 790 acres in Sec. 1 and 2 T. 5 S., R. 8 E., G. and S.R.B. and M., hereinbefore mentioned, under and in pursuance of the various rights and priorities of the United States decreed herein for said lands, as follows, to-wit: said flow shall be divided between said Indian and White lands and distributed to such lands, whether the same shall be also included in the San Carlos Project or not, in accordance with the apportionment and division ordered and decreed in the third subdivision of Article VI hereof, and any surplus which may remain and be available in said river, under the priorities of plaintiff, for other lands (beyond those of the Florence-Casa Grande Project and said 790 acres) included in San Carlos Project under the priorities of plaintiff and provisions of this decree, shall first go to such of the Indian lands in the San Carlos Project, and then in equitable proportion to such of the private and public lands thereof as are not also included in the Florence-Casa Grande Project and said 790 acres.



## VIII

That the diversions of water from the Gila River by the so-called upper valleys defendants (parties defendant to whom rights to divert water from the Gila River at points above the San Carlos Reservoir are decreed herein), comprising the defendant canal companies named below, with the parties defendant named in the Priority Schedule and attached tables who are decreed rights through the canals of said companies and are served thereunder, and certain individual parties defendant who are accredited with rights to divert directly from the stream through private ditches, to-wit:

Albert Canal Company, Billingsley Extension Canal Company, Black & McCleskey Canal Company, Brown Canal Company, Colmenero Canal Company, Colvin-Jones Canal Company, Cospes & Windham Canal Company, Cospes & Windham Extension Canal Company (Under contract whereby Cospes & Windham Canal Company makes actual diversion) Curtis Canal Company, Dodge-Neveda Canal Company, Duncan Canal Company, Fort Thomas Consolidated Canal Company, Fourness Canal Company, Graham Canal Company, Moddle Canal Company, Montezuma Canal Company, San Jose Canal Company, Sexton Canal Company, Shriver Ditch Company, Smithville Canal Company, Sunflower Canal Company, Sunset Canal Company, Tidwell Canal Company, Union Canal Company, Valley Canal Company, York Canal Company, York Cattle Company;

R. H. Angle, J. H. Brown, T. D. Burton, W. C. Craufurd, J. W. Foote, R. C. Gilleland, J. H. Henderson, C. C. Hester, F. E. Ross, R. Sexton,

Laura Short;

and/or their predecessors in interest, for the irrigation of the lands described in said Priority Schedule made part of Article V hereof, since their inception have been made under rights which were and are junior and subject to certain extensive rights of plaintiff to divert the waters of said stream at points below the diversions of said defendants and also below the San Carlos Reservoir, which said rights of plaintiff are set down and referred to in said Priority Schedule, but are further identified and particularly described in Article VI and VII hereof, it being evidenced thereby that the earliest right of plaintiff is prior in time to all and every of the rights of said defendants, and certain of plaintiff's other rights are prior in time to certain of the rights of said defendants; that, however, plaintiff and said defendants, in recognition of the desirability of making it practicable for said defendants to carry on the irrigation of said upper valley lands to the extent to which their said rights apply heretofore have been irrigated and so that the said San Carlos Act shall inure in part to their benefit and this suit may be compromised and settled, have agreed that the following provisions shall be and they are hereby embodied in this decree, which said provisions in turn, and in so far as they affect the other parties in this cause, shall inure to the benefit of and be binding upon them, to-wit:

(2) That on the first day of January of each Calendar year, or as soon thereafter as there is water stored in the San Carlos Reservoir, which is available for release through the gates of the Coolidge Dam for conveyance down the channel of the Gila River and for diversion and use on the lands of the San Carlos Project for the irrigation thereof, then the Water Commissioner, provided for herein, shall, to the extent and within the limitations hereinafter stated, apportion for the ensuing irrigation year to said defendants from the natural flow of the Gila River an amount of water equal to the above described available storage, and shall permit the diversion of said amount of water from said stream into the canals of said defendants for the irrigation of said upper valleys lands in disregard of the aforesaid prior rights of plaintiff used on lands below said reservoir; the diversion of said amount of water by said defendants to be in accord with the priorities as between themselves stated in said Priority Schedule and for the irrigation of the lands covered by the rights accredited to said defendants in said Priority Schedule and the quantity of water permitted to be taken by said defendants in disregard of prior rights of the United States below is in addition to and not exclusive of the rights of said defendants to take from the stream in the regular order of their priorities as shown by the Priority Schedule, but of course within the duty of the water limitations of this decree; that if and when at any time or from time to time in any year, water shall flow into said reservoir after said date of first apportionment and shall be stored there and become added to the available stored water in said reservoir, the said commissioner shall make further and additional apportionments to said defendants of the natural flow of said stream as the same is available at the diversion points of said defendants, which said apportionments shall in turn correspond with and be equivalent in quantity to the amount of such accessions or newly available stored water supply; that in calculating apportionments of the stored water supply the Water Commissioner shall make appropriate deductions for losses for evaporation, seepage or otherwise that may be suffered between the time of the apportionment and that of the diversion of a corresponding quantity of water

(5) The right, as of the date of priority of not later than June 7, 1924, — and for the purposes of this decree and for them only as of said date— to store the waters of the Gila River in the San Carlos Reservoir of the aforesaid San Carlos Project by means of the Coolidge Dam (said Reservoir and Dam being situate within the San Carlos Indian Reservation) to the extent of the full 1,285,000 acre-feet capacity of said Reservoir at all times when said waters are available above said dam for such storage under the aforesaid priority; and the right in that relation to accomplish and control the release from said reservoir of the waters so stored and thus reduced to ownership, and to conduct the same down the channel of the Gila River to the Ashurst-Hayden and Sacaton diversion dams of the San Carlos Project and there to recapture and divert, and control the diversion of, the same by means of said dams for conveyance in the canals leading therefrom to the above described 100,546 acres of the lands of said Project for the reclamation and irrigation thereof, and for the supplementation of amounts available therefor at said dams from the natural stream flow under plaintiff's rights as same are decreed herein, and for State and Federal purposes under act of March 7, 1928 as hereinbefore described.

(6) The right, as against and only against the parties to this cause, to divert from the Gila River 17,950 acre feet of water, — for the irrigation of 2992.5 acres of Indian lands at the Gila Crossing District on said Reservation— each irrigation season at a rate of diversion not exceeding 37.4 cubic feet per second of time, from the waters occurring or recurring in said river beginning at the point where the Southern Pacific Railway crosses said river in Section 13, Township 3 South, Range 4 East of Gila and Salt River Base and Meridian or between said point and a point one hundred feet above where the Salt River empties into the Gila River, at the diversion points on said reservation as now or hereafter located, as of the following dates of priority:

For 954 acres of said lands January 1st, 1873.			
"	587	"	"
"	660	"	"
"	139	"	"
"	58.5	"	"

It is further provided that water rights with the priorities fixed as aforesaid are for the irrigation of said Gila Crossing Indian lands, but subject at all times, to all rights on said Gila River above said point hereinabove described, and provided also that said rights are subject to the right of the San Carlos project, to divert and use return flows, or water otherwise occurring in the river above said point and the right of said project to pump and otherwise interfere with and control the return flow from the lands within said project.

That certain of the foregoing rights, as listed under items (1), (3) and (4) above are inclusive one of the other so that diversions thereunder do not accumulate, and the amounts in acre feet per season and cubic feet per second stated in the 3rd item include those given in the 1st and those stated in the 4th item include those given in the 1st and 3rd; in each instance representing the total diversion allowable under that priority and those prior thereto as described in said items.

VII

That all Indian lands and all white lands now or hereinafter designated by the Secretary of the Interior as within the San Carlos Project and under said San Carlos Reservoir shall be entitled to share equally in all of the stored and pumped water of said Project in so far as that shall be physically feasible, and said lands shall share equally in all of the water of said Project of every nature as long as the stored and unstored water supply for said Project shall be sufficient for Project needs, and as far as that shall be physically feasible; but when, through lack of stored and pumped water, there shall be an insufficient supply of water for all of the lands of said Project lying under said reservoir, which condition or fact shall be determined by the Secretary of the Interior or his duly authorized agent, the lands so situated, in addition to their proper share of such stored and pumped waters as may be available to the Project, shall be entitled to and have apportioned to them the unstored flow of the Gila River which is available as a whole, and susceptible of being diverted, for the Indian and White lands of the aforesaid Florence-Casa Grande Project together with the 790 acres in Sec. 1 and 2 T. 5 S., R. 8 E., G. and S.R.B. and M., hereinbefore mentioned, under and in pursuance of the various rights and priorities of the United States decreed herein for said lands, as follows, to-wit: said flow shall be divided between said Indian and White lands and distributed to such lands, whether the same shall be also included in the San Carlos Project or not, in accordance with the apportionment and division ordered and decreed in the third subdivision of Article VI hereof, and any surplus which may remain and be available in said river, under the priorities of plaintiff, for other lands (beyond those of the Florence-Casa Grande Project and said 790 acres) included in San Carlos Project under the priorities of plaintiff and provisions of this decree, shall first go to such of the Indian Lands in the San Carlos Project, and then in equitable proportion to such of the private and public lands thereof as are not also included in the Florence-Casa Grande Project and said 790 acres.

from the stream: that such apportionments, corresponding with net accessions during each annual period after first apportionment, shall be made by said Water Commissioner at least as frequently as once per calendar month (provided accessions to stored supply have occurred during that period) and at such more frequent intervals as the conditions in his judgment may demand--his decisions in these regards to be subject to summary review by the Court as provided in Article XII hereof--and said Water Commissioner shall see to it that his said apportionments, when made, forthwith shall be placed of record herein and so posted or published as to inform all interested parties in that regard with reasonable promptness and despatch; it being herein explicitly provided that no apportionment or apportionments, made during any calendar year, shall carry over or be available in any manner for the succeeding year; that the diversions made by said defendants of the natural flow of the Gila River thus apportioned to them in disregard of the said prior rights of plaintiff shall be regulated by the Water Commissioner (under the authority and powers given him by this decree and/or by such further orders of the Court as may be made in that relation) in accord with the rights and priorities accredited to each of said defendants in said Priority Schedule, provided always that such diversions shall be limited to the amount of water then apportioned, as aforesaid, and in any event, during each irrigation season, do not and shall not exceed the total amount of water called for under the right accredited in said Priority Schedule to any given defendant, namely: 6 acre feet per acre for the irrigation season as defined in Article V hereof; and provided further that the drafts on the stream by the upper valleys defendants shall be limited to a seasonal year diversion which will result in an actual consumptive use from the stream of not to exceed 120,000 acre feet of water; said consumptive use made in any seasonal year shall be determined by adding the recorded flows at a gauging station located in the Gila River at Red Rock Box Canyon above the heading of the Sunset Canal in New Mexico and a gauging station located in the San Francisco River immediately above its confluence with the Gila River and deducting from said sum the recorded flows at a gauging station located on the Southern Pacific Railway bridge crossing the Gila River near Calva, Arizona; and the Water Commissioner shall determine what diversions are permissible and reduce diversions in the inverse order of their priorities when and to the extent necessary to accomplish the aforesaid result. The aforesaid measurements shall include the whole flow of the stream, including floods, at the three points of measurement, and no allowance shall be made for accretions or additions to the flow between the point of measurement at Red Rock Box Canyon, and the confluence of the Gila and San Francisco Rivers, and in turn between the confluence of the Gila and San Francisco Rivers, and the aforesaid gauging station at the Southern Pacific Railway bridge. Said method of measurement is adopted as sufficiently accurate for practical purposes and as better suited for administering this decree than any more refined method of determining actual consumptive use.

(3) Upon agreement made by the owner of any right set forth in the Priority Schedule for land in the Safford Valley water may be diverted by the owner of land in the Duncan Valley within the duty of water in this decree set forth and within the apportionment of water for said Duncan Valley land in disregard of such Safford Valley right or rights, and that such waiver shall in no way deprive the Safford Valley lands thus waiving of their full apportionment of water herein provided for based on water stored in the San Carlos Reservoir or their full right to take from the stream, in accordance with their priority and within the duty of water fixed by the decree as against water rights of the United States held on account of the San Carlos Project, but the right of the United States to insist upon its priorities as defined and modified herein as against Duncan Valley Lands shall not be abridged by this provision.

(4) That water released at the will of the plaintiff and for the purposes of the plaintiff from the San Carlos Reservoir at any time after the date of this decree other than for the proper irrigation of 80,000 acres of land or its equivalent in the San Carlos Project, shall be considered as stored in the San Carlos Reservoir at and after the date of such releases, and available as a basis for the above described apportionment of the natural flow to said defendants as it would be if such withdrawals had never been made.

(5) PROVIDED ALWAYS, that if by reason of lack of available storage in the San Carlos Reservoir no apportionment of the natural flow of said river is or can be made available to said defendants, then the diversions of said defendants, of or as soon as apportionments previously made to them have been consumed, shall no longer be made in disregard of the prior rights of plaintiff below said San Carlos Reservoir, but shall instead be made under and in accord with the rights and priorities set down in Article V, and the Priority Schedule made part hereof, and Article VI of this decree to-wit: in accord with their several priorities as same are set down in said Priority Schedule and subject to the prior rights of plaintiff as same are referred to therein and further described in Article VI of this decree.

## IX

(1) That the defendant Kennecott Copper Corporation shall be entitled, as of the dates of priority set down in the Priority Schedule made part of Article V hereof, for industrial, municipal, domestic and related beneficial purposes, to divert from the underground waters of the Gila River by means of its pumps, as same are or may be located within the lands described in said Priority Schedule under the heading "Point of Diversion," during the annual period beginning January 1st of each year, the amounts of water stated in said schedule, at the rate of diversion in cubic feet per second there given; subject, however, to the proviso that the total amount of water diverted and maximum rate of diversion, under the rights for such purposes accredited to said defendant in said Priority Schedule as of the priority dates of 1878, 1879, 1880, 1884, 1885, 1887, 1890, 1895, 1906, 1908, and 1909, shall not exceed the quantity of water in acre feet per annum or rate of diversion in cubic feet per second stated for the right of 1909, to wit: 16,221 acre feet and 22.22 cubic feet per second; That the rights for industrial, municipal, domestic and related purposes accredited to said defendant as of the dates of priority named below were first initiated, and thereafter perfected, by the diversion and application of the waters of the Gila River, through canals leading from the stream, to the irrigation of those certain acreages of the lands described below which are set down opposite said dates of priority, which said dates respectively represent the year in which said acreages were first irrigated, to-wit:

Date of Priority	Number of Acres	Area Containing Lands Thus Irrigated.
1878	65.00	(SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 9;
1879	95.00	S $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 10;
1880	130.00	NW $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14;
1884	165.00	SE $\frac{1}{4}$ , NE $\frac{1}{4}$ and NW $\frac{1}{4}$ Section 15;
1885	60.00	(NE $\frac{1}{4}$ Section 16; and
1887	60.00	(N $\frac{1}{4}$ NW $\frac{1}{4}$ and N $\frac{1}{4}$ NE $\frac{1}{4}$ Section 23;
1890	10.00	(All in Township 5 South, Range 15 East of the Gila
1895	40.00	and Salt River Base & Meridian.
1906	15.00	
1908	153.00	

That the use for irrigation under said rights, when the pumps and plant of said defendant were put in operation in the year 1909, was changed and transposed into uses for industrial, municipal, domestic and related purposes, and the waters called for under said rights and priorities, or so much thereof as was available, since have been diverted from the stream or the underground waters thereof by means of the pumps of said defendant and continuously and beneficially applied to said purposes:

(2) That the requirements of said defendant each year for the above described purposes demand that it divert from the underground waters of the Gila River, in so far as same can be made available in that relation, at the continuous rate of ten thousand gallons per minute, or 22.22 cubic feet per second, same being equivalent by volume measurement to a maximum of 16,221 acre feet per annum; that prior to the construction of the San Carlos Reservoir and the storage of water therein the natural flow of the Gila River at and/or in the vicinity of the reduction plant and pumps of said defendant maintained an underground water plane, which when pumped from to meet the said requirements of defendant, had averaged an approximate minimum elevation, as gauged at said defendant's test well at that place, of 1920 feet above sea level (Nevada Consolidated Copper Company datum) and an approximate maximum elevation of 1930 feet above sea level (datum idem); that said diversions by said defendant then were, and since to the extent undertaken have been, made under rights which were and are junior and subject to certain extensive rights of plaintiff to divert the waters of the Gila River at points below the diversions of said defendant, and also below the San Carlos Reservoir, which said rights of plaintiff

## IX

(1) That the defendant Kennecott Copper Corporation shall be entitled, as of the dates of priority set down in the Priority Schedule made part of Article V hereof, for industrial, municipal, domestic and related beneficial purposes, to divert from the underground waters of the Gila River by means of its pumps, as same are or may be located within the lands described in said Priority Schedule under the heading "Point of Diversion," during the annual period beginning January 1st of each year, the amounts of water stated in said schedule, at the rate of diversion in cubic feet per second there given; subject, however, to the proviso that the total amount of water diverted and maximum rate of diversion, under the rights for such purposes accredited to said defendant in said Priority Schedule as of the priority dates of 1878, 1879, 1880, 1884, 1885, 1887, 1890, 1895, 1906, 1908, and 1909, shall not exceed the quantity of water in acre feet per annum or rate of diversion in cubic feet per second stated for the right of 1909, to wit: 16,221 acre feet and 22.22 cubic feet per second; That the rights for industrial, municipal, domestic and related purposes accredited to said defendant as of the dates of priority named below were first initiated, and thereafter perfected, by the diversion and application of the waters of the Gila River, through canals leading from the stream, to the irrigation of those certain acreages of the lands described below which are set down opposite said dates of priority, which said dates respectively represent the year in which said acreages were first irrigated, to-wit:

Date of Priority	Number of Acres	Area Containing Lands Thus Irrigated.
1878	65.00	(SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 9;
1879	95.00	SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 10;
1880	130.00	NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14;
1884	165.00	SE $\frac{1}{4}$ , NE $\frac{1}{4}$ and NW $\frac{1}{4}$ Section 15;
1885	60.00	(NE $\frac{1}{4}$ Section 16; and
1887	60.00	(N $\frac{1}{2}$ NW $\frac{1}{4}$ and W $\frac{1}{2}$ NE $\frac{1}{4}$ Section 23;
1890	10.00	All in Township 5 South, Range 15 East of the Gila
1895	40.00	and Salt River Base & Meridian.
1906	15.00	
1908	153.00	

That the use for irrigation under said rights, when the pumps and plant of said defendant were put in operation in the year 1909, was changed and transposed into uses for industrial, municipal, domestic and related purposes, and the waters called for under said rights and priorities, or so much thereof as was available, since have been diverted from the stream of the underground waters thereof by means of the pumps of said defendant and continuously and beneficially applied to said purposes;

(2) That the requirements of said defendant each year for the above described purposes demand that it divert from the underground waters of the Gila River, in so far as same can be made available in that relation, at the continuous rate of ten thousand gallons per minute, or 22.22 cubic feet per second; same being equivalent by volume measurement to a maximum of 16,221 acre feet per annum; that prior to the construction of the San Carlos Reservoir and the storage of water therein the natural flow of the Gila River at and/or in the vicinity of the reduction plant and pumps of said defendant maintained an underground water plane, which when pumped from to meet the said requirements of defendant, had averaged an approximate minimum elevation, as gauged at said defendant's test well at that place, of 1920 feet above sea level (Nevada Consolidated Copper Company datum) and an approximate maximum elevation of 1930 feet above sea level (datum idem); that said diversions by said defendant then were, and since to the extent undertaken have been, made under rights which were and are junior and subject to certain extensive rights of plaintiff to divert the waters of the Gila River at points below the diversions of said defendant, and also below the San Carlos Reservoir, which said rights of plaintiff

are set down and referred to in Article V hereof and the Priority Schedule included therein, and further defined in Article VI and VII hereof, it being evidenced hereby that the early right of plaintiff is prior in time to all and every of the rights of said defendant and certain of plaintiff's other rights are prior in time to certain of said defendant's rights and thereby are credited with dates of priority earlier than those of said defendant; that, however, plaintiff and defendant by way of consent hereto, in recognition of the desirability of making it practicable for said defendant to continue and further carry on its operations to the extent of its aforesaid requirements and so that this suit may be compromised and settled, have agreed that the following provisions shall be embodied in this decree, which said provisions in turn, and in so far as they affect the other parties in this cause, shall inure to the benefit of and be binding upon them, to-wit:

(3) That said defendant shall be entitled to divert, by means of its said pumps as they now exist or may be replaced, so much of the underground waters of the Gila River as may be available at its said pumps and as will meet its said requirements—but not to exceed the amount of 16,221 acre feet during each annual period reckoning from January 1st of each year as aforesaid, and limited to a maximum rate of diversion of 10,000 gallons per minute, viz. 22.22 cubic feet per second—in disregard of the said prior diversions rights of plaintiff below said San Carlos Reservoir as same are set out and defined in this decree as aforesaid; that if during those periods when no appreciable releases of water from the San Carlos Reservoir are being made into the channel below the Coolidge Dam, the said diversions of defendant by means of said pumps (limited to the amounts required for beneficial application to the above described industrial, municipal, domestic and related purposes and in any event to the said 16,221 acre feet per year and 22.22 cubic feet per second) shall cause the pumping water plane to fall below 1920 feet above sea level, as gauged at said test well of defendant (Nevada Consolidated Copper Company datum), or some other mutually agreed upon point and datum, then, if there is any natural flow in the Gila River at the point where said stream enters the San Carlos Reservoir, so much thereof (or so much as is available if the amount is insufficient) as will bring the level of said pumping water plane, as gauged at said test well of defendant, or other point aforesaid, to the average of the approximate maximum and minimum elevations aforesaid to wit: 1925 feet above sea level (datum idem), will be allowed to flow through said reservoir into the channel below—if the storage level in said reservoir is high enough physically to permit its release through the Coolidge Dam—said operations to be of simultaneous character in that releases through said Coolidge Dam, equivalent to the natural flow entering the reservoir or such portion thereof as may be sufficient for the above described purpose, shall be made forthwith when it is determined (mutually by the plaintiff and defendant, or in case of disagreement by the Water Master, whose decision may be reviewed as provided in Article XII hereof) that the pumping water plane, under the conditions above described, has fallen below the 1920 foot level aforesaid; that such releases of natural flow through the Coolidge Dam shall be accomplished so as to make the most practical and workmanlike use of the amount available for the purposes thereof, taking into consideration the vital necessity of avoiding in so far as possible the waste of water into the stream below the gravels in which the pumping water plane is being maintained;

(4) That the diversions of water from the Gila River by said defendant and its predecessors in interest for the irrigation of the lands described in the Priority Schedule for which said defendant is accredited rights for irrigation as of the dates of priority of 1908, 1916, and 1926, since their inception have been made under rights which were and are junior and subject to those certain and extensive rights of plaintiff to divert the waters of said stream at points below the said diversions of defendant; which said rights of plaintiff are set down and referred to in Article V hereof and the Priority Schedule included therein and are further defined in Article VI and VII hereof, it being evidenced thereby that the early right of plaintiff is prior in time to all and every of the rights of said defendant and certain of plaintiff's other rights are prior in time to certain of said defendant's rights, and there-by are accredited with priorities which are earlier than the aforesaid rights of defendant; that, however, plaintiff and defendant, by way of consent hereto and in recognition of the desirability of making it practicable, in so far as possible, for said defendant to carry on the irrigation of its said lands to the extent of the acreages to which its said rights of 1908, 1916 and 1926 apply, and so that this suit may be compromised and settled, have agreed that the following provisions shall be embodied in this decree, which said provisions in turn, and in so far as they affect the other parties in this cause, shall inure to the benefit of and be binding upon them, to-wit:

(5) That when, under the rule and method of apportionment stated in Article VIII of this decree, there is apportioned to the so-called upper valleys water users amounts of water from the natural flow of the Gila River corresponding with the available storage in the San Carlos Reservoir, then there also shall be apportioned to the defendant Kennecott Copper Corporation, from the natural flow of said river as hereinafter defined, for the irrigation of its said lands, an amount of water per acre thereof corresponding with the amount per acre apportioned to said upper valleys as aforesaid; and thereupon, said defendant shall be entitled to divert—in disregard of the said prior diversion rights of plaintiff below as same are set out and defined in this decree as aforesaid—at the points of diversions and by means of the ditches ascribed to it in the Priority Schedule, so much of the natural flow of the Gila River, limited always to the amount of water then apportioned to it as aforesaid, as can be beneficially applied to the irrigation of the lands to which said rights apply; said diversions as of course to be limited in any event to the amounts of water in acre feet per irrigation season and rates of diversion in cubic feet per second stated for said rights in the Priority Schedule; that in as much as the waters flowing in the Gila River at defendant's said points of diversion, during a great portion of the irrigation season, will be made up in large measure of stored water which has been released from the San Carlos Reservoir and is being piloted down the stream channel to the diversion dams and distributing canals of the San Carlos Project, the natural flow available as aforesaid to said defendant, under the limitations of said apportionment, shall be gauged by and deemed to correspond with the natural flow of the Gila River and San Carlos River at the points where said streams enter the San Carlos Reservoir, plus such contributions thereto between the Coolidge Dam and said diversion points of defendant as may occur, but subject to such drafts upon such total as may be made by owners of rights of diversion under this decree prior to said rights of defendant (if any there are) between said Coolidge Dam and said diversion points of defendant.

(6) PROVIDED ALWAYS, that the foregoing provisions of this Article IX are hereby explicitly made subject to the proviso that whenever under Article VIII hereof, by reason of lack of available storage in the San Carlos Reservoir and the consumption of previous apportionments thereunder, no apportionment of the natural flow of said river is or can be made available to the so-called upper valleys defendants in disregard of the prior rights of plaintiff below said reservoir, and therefore diversions by said defendants and plaintiff are required to be made under and in accord with the rights and priorities set down in Article V (and the Priority Schedule therein) and VI of the decree, then the diversions of defendant, as against all the other parties in this cause, whether for industrial, municipal, domestic and related purposes as described in subdivisions (1) to (3) above—or for irrigation as described in subdivisions (4) and (5) if or when its apportionment in that relation also has been consumed—shall be subject to and be made in accord with its priorities as same are stated in the Priority Schedule and not otherwise, saving and excepting only that its diversions for said industrial, municipal, domestic and related purposes as against plaintiff's prior rights of diversion below shall still be regulated and controlled as provided in subdivisions (2) and (3) of this Article; subject to the further proviso, however, that the natural flow of the Gila River as measured where it enters the San Carlos Reservoir, or drafts upon it in conformity with priorities against later rights above, will not be available in any event below said reservoir unless the storage level therein is sufficiently high to permit its release through the Coolidge Dam. It is further provided that the pumped diversions of said defendant when being made under subdivisions (2) and (3) of this Article, at times of greatest peak loads, may exceed by 10% the rate of 22.22 cubic feet per second stated above, if water therefor is available at said pumps, but that the total diversions for any year (January 1st to December 31st inclusive) in such event shall still be limited to 16,221 acre feet.

(5) That when, under the rule and method of apportionment stated in Article VIII of this decree, there is apportioned to the so-called upper valleys water users amounts of water from the natural flow of the Gila River corresponding with the available storage in the San Carlos Reservoir, then there also shall be apportioned to the defendant Kennecott Copper Corporation, from the natural flow of said river as hereinafter defined, for the irrigation of its said lands, an amount of water per acre thereof corresponding with the amount per acre apportioned to said upper valleys as aforesaid; and thereupon, said defendant shall be entitled to divert—in disregard of the said prior diversion rights of plaintiff below as same are set out and defined in this decree as aforesaid—at the points of diversions and by means of the ditches ascribed to it in the Priority Schedule, so much of the natural flow of the Gila River, limited always to the amount of water then apportioned to it as aforesaid, as can be beneficially applied to the irrigation of the lands to which said rights apply; said diversions as of course to be limited in any event to the amounts of water in acre feet per irrigation season and rates of diversion in cubic feet per second stated for said rights in the Priority Schedule; that in as much as the waters flowing in the Gila River at defendant's said points of diversion, during a great portion of the irrigation season, will be made up in large measure of stored water which has been released from the San Carlos Reservoir and is being piloted down the stream channel to the diversion dams and distributing canals of the San Carlos Project, the natural flow available as aforesaid to said defendant, under the limitations of said apportionment, shall be gauged by and deemed to correspond with the natural flow of the Gila River and San Carlos River at the points where said streams enter the San Carlos Reservoir, plus such contributions thereto between the Coolidge Dam and said diversion points of defendant as may occur, but subject to such drafts upon such total as may be made by owners of rights of diversion under this decree prior to said rights of defendant (if any there are) between said Coolidge Dam and said diversion points of defendant.

(6) PROVIDED ALWAYS, that the foregoing provisions of this Article IX are hereby explicitly made subject to the proviso that whenever under Article VIII hereof, by reason of lack of available storage in the San Carlos Reservoir and the consumption of previous apportionments thereunder, no apportionment of the natural flow of said river is or can be made available to the so-called upper valleys defendants in disregard of the prior rights of plaintiff below said reservoir, and therefore diversions by said defendants and plaintiff are required to be made under and in accord with the rights and priorities set down in Article V (and the Priority Schedule therein) and VI of the decree, then the diversions of defendant, as against all the other parties in this cause, whether for industrial, municipal, domestic and related purposes as described in subdivisions (1) to (3) above—or for irrigation as described in subdivisions (4) and (5) if or when its apportionment in that relation also has been consumed—shall be subject to and be made in accord with its priorities as same are stated in the Priority Schedule and not otherwise, saving and excepting only that its diversions for said industrial, municipal, domestic and related purposes as against plaintiff's prior rights of diversion below shall still be regulated and controlled as provided in subdivisions (2) and (3) of this Article; subject to the further proviso, however, that the natural flow of the Gila River as measured where it enters the San Carlos Reservoir, or drafts upon it in conformity with priorities against later rights above, will not be available in any event below said reservoir unless the storage level therein is sufficiently high to permit its release through the Coolidge Dam. It is further provided that the pumped diversions of said defendant when being made under subdivisions (2) and (3) of this Article, at times of greatest peak loads, may exceed by 10% the rate of 22.22 cubic feet per second stated above, if water therefor is available at said pumps, but that the total diversions for any year (January 1st to December 31st inclusive) in such event shall still be limited to 16,221 acre feet.



X

(1) That the diversions of water from the Gila River by defendants Joseph J. Anderson, Grady L. Herring and T. H. B. Classpie, and their predecessors in interest for the irrigation of the lands described in the Priority Schedule made part of Article V hereof, for which said defendants are accredited rights for irrigation as of the dates of priority named in said schedule, since their inception have been made under rights which were and are junior and subject to those certain and extensive rights of plaintiff to divert the waters of said stream at points below the said diversions of defendants; which said rights of plaintiff are set down and referred to in Article V hereof and the Priority Schedule included therein and are further identified in Articles VI and VII hereof, and thereby are accredited with priorities which are earlier than the aforesaid rights of defendants; that, however, plaintiff and said defendants, by way of consent hereto and in recognition of the desirability of making it practicable in so far as possible for said defendants to carry on the irrigation of their said lands to the extent of the acreages to which their said rights apply and so that this suit may be compromised and settled, have agreed that the following provisions shall be embodied in this decree, which said provisions in turn, and in so far as they affect the other parties in this cause, shall inure to the benefit of and be binding upon them, to wit:

(2) That when, under the rule and method of apportionment stated in Article VIII of this decree, there is apportioned to the so-called upper valleys water users amounts of water from the natural flow of the Gila River corresponding with the available storage in the San Carlos Reservoir, then there also shall be apportioned to said defendants, from the natural flow of said river as hereinafter defined, for the irrigation of their said lands, an amount of water per acre thereof corresponding with the amount per acre apportioned to said upper valleys as aforesaid, and thereupon, said defendants shall be entitled to divert—in disregard of the said prior diversion rights of plaintiff below as same are set out and defined in this decree as aforesaid—at the points of diversion and by means of the ditches ascribed to them in the Priority Schedule, so much of the natural flow of the Gila River, limited always to the amount of water then apportioned to them as aforesaid, as can be beneficially applied to the irrigation of the lands to which their said rights apply, said diversions as of course to be limited in any event to the amounts of water in acre feet per irrigation season and rates of diversion in cubic feet per second stated for said rights in the Priority Schedule; that in as much as the waters flowing in the Gila River at defendants' said points of diversion, during a great portion of the irrigation season, will be made up in large measure of stored water which has been released from the San Carlos Reservoir and is being piloted down the stream channel to the diversion dams and distributing canals of the San Carlos Project, the natural flow available as aforesaid to said defendants, under the limitations of said apportionment, shall be gauged by and deemed to correspond with the natural flow of the Gila River at the point where said stream enters the San Carlos Reservoir, plus such contributions thereto between the Coolidge Dam and said diversion points of defendants as may occur, but subject to such drafts upon such total as may be made by owners of rights of diversion under this decree prior to said rights of defendants (if any there are) between said Coolidge Dam and said diversion points of defendants.

(3) PROVIDED ALWAYS, that the foregoing provisions of this Article X are hereby explicitly made subject to the proviso that whenever under Article VIII hereof, by reason of lack of available storage in the San Carlos Reservoir and the consumption of previous apportionments thereunder, no apportionment of the natural flow of said river is or can be made available to the so-called upper valleys defendants in disregard of the prior rights of plaintiff below said reservoir, and therefore diversions by said defendants and plaintiff are required to be made under and in accord with the rights and priorities set down in Article V (and the Priority Schedule therein) and VI of the Decree, then the diversions of the defendants above named, as against all the other parties in this cause—if or when their apportionment in that relation also has been consumed—shall be subject to and be made in accord with their priorities as same are stated in said Priority Schedule and not otherwise; subject to the further proviso, however, that the natural flow of the Gila River, as measured where it enters the San Carlos Reservoir, will not be available below said reservoir on occasions when the storage level therein is not sufficiently high to permit its release through the Coolidge Dam.

## XI

That the lands within the Gila River watershed for the irrigation of which rights are decreed herein are arid or semi-arid in character and require irrigation in order that crops of value may be produced thereon; that except as herein specifically provided no diversion of water from the natural flow of the stream into any ditch or canal for direct conveyance to the lands shall be permitted as against any of the parties herein except in such amount as shall be actually and reasonably necessary for the beneficial use for which the right of diversion is determined and established by this Decree, to-wit: shall be made only at such times as the water is needed upon their lands and only in such amounts as may be required under the provisions hereof for the number of acres then being irrigated; that in cases where by this Decree water is allowed to be diverted by and through any ditch by the owner thereof for another party, the terms of the contractual relations existing between them are not intended to be determined herein; that wherever the total area under a particular canal is decreed more than one water right, each having the same or different priorities or in its different parts having different rights and priorities, the total area may have used upon it all of its several rights in the order of their priorities, subject only to the requirement that no greater net draft on the stream be made than if each right in the order of its priority were used only on the particular lands for which it was originally acquired or reserved; that rotation, which is a well known, recognized and effective practice in irrigation administration (constituting in effect the combining of flows allowed to be diverted from a given stream under two or more rights so as to provide for the alternate use of more adequate irrigation heads as between neighboring or other ditches taking from such stream), shall be permitted at all times and shall be required whenever necessary in order to obtain reasonable economies in the use of water, or in order to give to each ditch or water user a more advantageous method of irrigation, providing that such rotation shall not injuriously affect any of the rights determined or allowed by this decree; that the Water Commissioner provided for herein shall arrange for and enforce such rotation, but shall consult with, and endeavor to obtain the agreements of, such water users as in his judgment should resort thereto, and shall embody his action in this regard into such reports as he may make or be required to make to the Court herein; that if no valid objection thereto be made by other water users, an owner of any right decreed herein, when the allowable diversion thereunder in the judgment of the Water Commissioner does not constitute an adequate irrigation head for his lands, may with or without agreement for rotation, when permitted by said Water Commissioner, divert a larger head or flow into his ditch for short periods of time in lieu of the smaller flow allowed to him under his said right, providing always that such use shall not exceed for the irrigation season the amount in acre-feet herein specified and allowed to be diverted from the stream for his lands; that appropriations and priorities of the same date rank as having rights of the same standing, and as having a simultaneous call upon the stream source in the proportion which said rights, as decreed herein, bear to each other in amounts entitled to be diverted thereunder; that any of the parties to whom rights to water have been decreed herein shall be entitled, in accord with applicable laws and legal principles, to change the point of diversion and the places, means, manner or purpose of the use of the waters to which they are so entitled or of any part thereof, so far as they may do so without injury to the rights of other parties as the same are defined herein.

## XII

That a Water Commissioner shall be appointed by this Court to carry out and enforce the provisions of this decree, and the instructions and orders of the Court, and if any proper orders, rules or directions of such Water Commissioner, made in accordance with and for the enforcement of this decree, are disobeyed or disregarded he is hereby empowered and authorized to cut off the water from the ditch then being used by the person so disobeying or disregarding such proper orders, rules or directions; promptly reporting to the Court his said action in such case and the circumstances connected therewith and leading thereto; that whenever the necessities of the situation appear to the Court so to require, the Court shall authorize the employment by the Water Commissioner of such person or persons to assist that officer as to the Court may seem necessary to carry out properly the provisions of this decree and the orders of the Court; that the term of employment, expenses and compensation of said Water Commissioner and his assistants, the payment thereof and the means and methods for securing funds with which to pay the same, shall be fixed by orders which the Court may hereafter from time to time make; that any person, feeling aggrieved by any action or order of the Water Commissioner, in writing and under oath, may complain to the Court, after service of a copy of such complaint on the Water Commissioner, and the Court shall promptly review such action or order and make such order as may be proper in the premises; that the owner or owners of each ditch or canal herein authorized to divert water from the natural flow of the Gila River for direct conveyance to and irrigation of lands, unless specifically excused by the Court or Water Commissioner, shall at his own expense install and at all times maintain at any appropriate place at or near the head of said ditch,

## XI

That the lands within the Gila River watershed for the irrigation of which rights are decreed herein are arid or semi-arid in character and require irrigation in order that crops of value may be produced thereon; that except as herein specifically provided no diversion of water from the natural flow of the stream into any ditch or canal for direct conveyance to the lands shall be permitted as against any of the parties herein except in such amount as shall be actually and reasonably necessary for the beneficial use for which the right of diversion is determined and established by this Decree, to-wit: shall be made only at such times as the water is needed upon their lands and only in such amounts as may be required under the provisions hereof for the number of acres then being irrigated; that in cases where by this Decree water is allowed to be diverted by and through any ditch by the owner thereof for another party, the terms of the contractual relations existing between them are not intended to be determined herein; that wherever the total area under a particular canal is decreed more than one water right, each having the same or different priorities or in its different parts having different rights and priorities, the total area may have used upon it all of its several rights in the order of their priorities, subject only to the requirement that no greater net draft on the stream be made than if each right in the order of its priority were used only on the particular lands for which it was originally acquired or reserved; that rotation, which is a well known, recognized and effective practice in irrigation administration (constituting in effect the combining of flows allowed to be diverted from a given stream under two or more rights so as to provide for the alternate use of more adequate irrigation heads as between neighboring or other ditches taking from such stream), shall be permitted at all times and shall be required whenever necessary in order to obtain reasonable economies in the use of water, or in order to give to each ditch or water user a more advantageous method of irrigation, providing that such rotation shall not injuriously affect any of the rights determined or allowed by this decree; that the Water Commissioner provided for herein shall arrange for and enforce such rotation, but shall consult with, and endeavor to obtain the agreements of, such water users as in his judgment should resort thereto, and shall embody his action in this regard into such reports as he may make or be required to make to the Court herein; that if no valid objection thereto be made by other water users, an owner of any right decreed herein, when the allowable diversion thereunder in the judgment of the Water Commissioner does not constitute an adequate irrigation head for his lands, may with or without agreement for rotation, when permitted by said Water Commissioner, divert a larger head or flow into his ditch for short periods of time in lieu of the smaller flow allowed to him under his said right, providing always that such use shall not exceed for the irrigation season the amount in acre-feet herein specified and allowed to be diverted from the stream for his lands; that appropriations and priorities of the same date rank as having rights of the same standing, and as having a simultaneous call upon the stream source in the proportion which said rights, as decreed herein, bear to each other in amounts entitled to be diverted thereunder; that any of the parties to whom rights to water have been decreed herein shall be entitled, in accord with applicable laws and legal principles, to change the point of diversion and the places, means, manner or purpose of the use of the waters to which they are so entitled or of any part thereof, so far as they may do so without injury to the rights of other parties as the same are defined herein.

## XII

That a Water Commissioner shall be appointed by this Court to carry out and enforce the provisions of this decree, and the instructions and orders of the Court, and if any proper orders, rules or directions of such Water Commissioner, made in accordance with and for the enforcement of this decree, are disobeyed or disregarded he is hereby empowered and authorized to cut off the water from the ditch then being used by the person so disobeying or disregarding such proper orders, rules or directions; promptly reporting to the Court his said action in such case and the circumstances connected therewith and leading thereto; that whenever the necessities of the situation appear to the Court so to require, the Court shall authorize the employment by the Water Commissioner of such person or persons to assist that officer as to the Court may seem necessary to carry out properly the provisions of this decree and the orders of the Court; that the term of employment, expenses and compensation of said Water Commissioner and his assistants, the payment thereof and the means and methods for securing funds with which to pay the same, shall be fixed by orders which the Court may hereafter from time to time make; that any person, feeling aggrieved by any action or order of the Water Commissioner, in writing and under oath, may complain to the Court, after service of a copy of such complaint on the Water Commissioner, and the Court shall promptly review such action or order and make such order as may be proper in the premises; that the owner or owners of each ditch or canal herein authorized to divert water from the natural flow of the Gila River for direct conveyance to and irrigation of lands, unless specifically excused by the Court or Water Commissioner, shall at his own expense install and at all times maintain at any appropriate place at or near the head of said ditch,

a reliable and readily operated regulating headgate and a measuring box, flume or other device which may be locked and set in position—the same to be approved by the Water Commissioner—so that the water diverted into said ditch or canal at any and all times may be regulated and measured; that upon failure of any owner or owners to install structures of the above described character on or before one year from the date of this decree or on or before such different day as the Court or Water Commissioner shall set or determine—after due notice from the Water Commissioner so to do—the said Water Commissioner is herein authorized to cut off diversions of water into said ditch or canal until such devices and structures shall be installed and maintained

## XIII

That each and all of the parties to whom rights to water are decreed in this cause (and the persons, estates, interests and ownerships represented by such thereof as are sued in a representative capacity herein), their assigns and successors in interest, servants, agents, attorneys and all persons claiming by, through or under them and their successors, are hereby forever enjoined and restrained from asserting or claiming—as against any of the parties herein, their assigns or successors, or their rights as decreed herein—any right, title or interest in or to the waters of the Gila River, or any thereof, except the rights specified, determined and allowed by this decree, and each and all thereof are hereby perpetually restrained and enjoined from diverting, taking or interfering in any way with the waters of the Gila River or any part thereof, so as in any manner to prevent or interfere with the diversion, use or enjoyment of said waters of the Gila River or any part thereof, so as in any manner to prevent or interfere with the diversion, use or enjoyment of said waters by the owners of prior or superior rights therein as defined and established by this Decree; that nothing herein shall prejudice the rights of any of the parties hereto or of their grantees, assigns or successors in interest, under any transfer or legal succession in interest after the commencement of this action, to any of the rights hereby adjudicated; that except as hereinbefore mentioned or otherwise stated, the provisions of this Decree shall bind, and inure to the benefit of, the grantees, assigns and successors in interest of the owners of rights and parties hereto, whether substituted as parties or appearing in this case or named herein or not; that the several parties to this suit shall pay their own costs in this action as directly incurred or authorized by them respectively, provided that any compensation of the Water Commissioner, or amounts shown to be coming to him or the reporter, if any there be, shall be paid in such manner, at such times and by such parties as may be ordered by the Court; that the Court retains jurisdiction hereof for the limited purposes above described, this decree otherwise being deemed a final determination of the issues in this cause and of the rights herein defined.

Done in Open Court this twenty ninth day of June, 1935.

ALBERT H. SAMES,  
Judge.