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SUPREME COURT, U.S.

No. 8, Original

**In the
Supreme Court of the United States**

STATE OF ARIZONA,

Plaintiff,

v.

STATE OF CALIFORNIA, *et al.*,

Defendants.

Before the Special Master: Frank J. McGarr

**THE SPECIAL MASTER'S APPROVAL
OF FINAL SETTLEMENTS AND
RECOMMENDATIONS TO THE COURT**

This litigation began in 1952 when the State of Arizona invoked the original jurisdiction of this Court to resolve a dispute with the State of California over the extent of the right of each state to use water from the Colorado River System. The United States intervened seeking water rights on behalf of, among others, five Indian Reservations on the Colorado River located partly in California. California successfully challenged the asserted boundaries of the Fort Mojave and Colorado River reservations before Special Master Rifkind, but this Court found it unnecessary to resolve those disputes at that time.

In the intervening years Solicitors of the Department of Interior addressed the matter of Reservation boundaries a number of times, but this Court did not resolve those disputes. An excellent and useful history of the controversy can be found in a syllabus contained in the opinion of this Court in *State of Arizona v. State of California et al.*, No. 8 Original, 530 U.S. 392 (June 19, 2000).

A 1964 Decree in *Arizona v. California*, (376 U.S. 340, *Arizona I*) and subsequent Supplemental Decrees in 1979 (439 U.S. 419) and 1984 (466 U.S. 144) governed the parties for a good number of years until on July 19, 1989, the State Parties (the States of California and Arizona, the Metropolitan Water District of Southern California, and the Coachella Valley Water District) moved the Court to reopen the 1964 Decree in order to finally determine the disputed boundaries of the Fort Mojave, Colorado River and Fort Yuma Indian Reservations in order to establish the water rights of the three reservations and the tribes therein.

Robert McKay, Professor Emeritus at New York University's School of Law, was appointed Special Master to conduct the reopened proceedings. Following his death the undersigned was appointed to succeed him on November 13, 1990. (498 U.S. 964.)

Thereafter the proceedings before the Special Master have included extensive discovery by the parties, numerous motions, meetings and hearings, and as the case proceeded, a resultant twenty-five memorandum opinions and/or procedural orders.

In the course of these proceedings, a settlement was reached in the Fort Mojave Indian Reservation boundary dispute, reflected in a Stipulation and Agreement dated January 14, 1998. The agreement covered the location of the disputed boundary and awarded the Fort Mojave Tribe certain water diversion rights.

Also in the course of these proceedings, a series of Special Master opinions decided the Colorado River Indian Reservation boundary dispute. The State of California, the United States, the Colorado River Indian Tribe, the Metropolitan Water District of Southern California and the Coachella Valley Water District subsequently entered into an agreement dated February 23, 1999, settling all water rights disputes associated with the disputed boundary, but agreed, as between the parties, to negate the Special Master's opinion and leave the boundary dispute unresolved.

In my Report and Recommendation to the Court of July 28, 1999, I recommended the acceptance and approval of the two settlements described above, and in an order dated June 19, 2000, the Court accepted the recommendation and Supplemental Decree I had submitted and invited objections from the Parties. There being none, the Supplemental Decree reflecting the Fort Mojave and Colorado River settlements was issued by the Court on June 19, 2000. (*State of Arizona v. State of California, et al.*, 530 U.S. 392.)

As mentioned earlier, the reopening of the 1964 Decree involved, in addition to the two matters settled as described above, the claim before the Special Master by the

Quechan Tribe that 25,000 acres of land were part of the Fort Yuma Indian Reservation and therefore entitled the Quechan Tribe to a consequent increase in the water rights allocated to the Reservation by the 1964 Decree. In an earlier segment of this litigation referred to as Arizona I, the United States had not asserted this claim on behalf of the Quechan Tribe; but in the instant litigation the United States supports the claim of the Tribe.

After extensive briefing by the parties, I held in Memorandum Opinion and Order No. 4 issued on September 6, 1991, that the Quechan Tribe was precluded from asserting that claim by reason of a final judgment in the United States Court of Claims in which the Tribe was awarded \$15,000,000 against the United States in 1983 for the taking of the disputed lands in question herein. I held that that consent judgment extinguished the Tribe's claim to the disputed boundary lands.

The United States and the Quechan Tribe filed exceptions with this Court. The Court approved the Fort Mojave and Colorado River settlements, but disagreed with my reasoning and remanded the outstanding water rights claims associated with the disputed boundary lands of the Fort Yuma Indian Reservation to me for determination on the merits. (*Arizona v. California, et al.*, 530 U.S. 392 (2000), *Arizona III.*) The remanded case proceeded thereafter with the following parties: the State of Arizona, the State of California, the Quechan Tribe of the Fort Yuma Indian Reservation, the United States of America, the Metropolitan Water District of Southern California, and the Coachella Valley Water District.

After extensive discovery, denial of the State Parties' summary judgment motion, and preparation for hearing (set for April 25, 2005) the parties, with full knowledge of the facts and issues, were directed to enter into one last settlement discussion, and with the able assistance of

Owen Olpin, attorney at law, a mediator employed for that purpose, reached the full settlement reflected in the two settlement agreements and the proposed Supplemental Decree herein recommended to the Court.

I. The California Settlement

The California Settlement Agreement contains various provisions regarding the Quechan Tribe's entitlement to additional diversions of Colorado River water, circumstances in which the Tribe's additional diversions may become available to Metropolitan, a commitment by the United States to make a decision on Yuma Island decree accounting, recognition of the Fort Yuma Indian Reservation boundaries in California for some or all purposes, and disclaimers by the Tribe and the United States of title to certain lands in the historic bed of the Colorado River, among other provisions. Some of the main provisions of the Settlement Agreement are summarized below. This summary is not intended to supplant in any way the specific terms of the actual agreements submitted herewith, which agreements will govern the parties upon approval by this Court.

1. The Tribe shall be entitled to an additional diversion of up to 20,000 acre feet (AF) of water per year of which 13,000 AF shall become available to the Tribe immediately upon entry of a supplemental decree by the Court. The remaining 7,000 AF shall become available to the Tribe beginning in calendar year 2025. All of these additional diversions will have a priority date of January 9, 1884, and will be subject to the same terms and conditions that apply to the Tribe's water diversions under the *Arizona I* decree. The Tribe and the United States on behalf of the Tribe also agree not to claim any additional reserved or other water rights from the Colorado River for

lands in the Reservation or for the Tribe after entry of a supplemental decree by the Court.

2. If the Tribe limits its utilization of the additional diversions provided for in the Settlement Agreement, and allows the water to pass through the California priority system and be diverted by Metropolitan, then Metropolitan agrees to pay the Tribe \$125 per AF escalated at 2.5% annually for water available for use and received by Metropolitan. Metropolitan has an option to terminate such payments starting in 2035 in which case the Tribe retains its right to divert the water for itself. The additional 20,000 AF of diversion to which the Tribe is entitled shall be available for any beneficial use within California only by the Tribe or by Metropolitan, and no one else. The United States does not warrant or guarantee that any water will be available to Metropolitan under the Settlement Agreement.
3. The United States and the Tribe expressly disclaim any property interest in or title to, the western half of the last natural bed of the Colorado River (before the avulsion of 1920) ("riverbed lands"). The Parties, however, may dispute the extent and precise location of the riverbed lands. The Tribe, the United States and California also do not agree whether the riverbed lands lie within or outside the Reservation boundaries.
4. The Tribe, the United States, Metropolitan and CVWD agree to recognize and waive any challenge to the validity of the 1981 Secretarial Determination regarding the boundary of the Reservation, subject to certain reservations of rights regarding a pending action entitled *Quechan Indian Tribe v. United States of America, et al.*, Case No. 02 CV 01096 IEG (AJB) (U.S.D.C.S.D.Cal.), the Parker-Davis 161 kV

Transmission Line, and the surveys implementing the 1978 Secretarial Decision and the 1981 Secretarial Determination. For water rights purposes only, California recognizes the provisions of the 1981 Secretarial Determination regarding the boundaries of the Reservation in California except for the riverbed lands which California claims as sovereign State land. California expressly reserves the right to contest the boundaries of the Reservation or to contend that the Reservation in California has been diminished or disestablished by federal legislation. The United States and the Tribe reserve all their arguments in opposition. However, if California is successful in any such contest, California nevertheless will not challenge nor oppose the Tribe's use of the water rights within the geographic area encompassed by surveys implementing the 1978 Secretarial Decision and the 1981 Secretarial Determination, excluding and excepting therefrom the riverbed lands. All Parties agree that any future changes in the boundaries or status of the Reservation will not affect or limit the quantity of diversions that are available to the Tribe or to Metropolitan under the Settlement Agreement.

5. The Settlement Agreement is intended to conclusively settle all matters at issue between the Parties in *Arizona v. California* with respect to the water rights of the Fort Yuma Indian Reservation in California. The Settlement Agreement shall become effective upon unqualified approval by the Supreme Court and the issuance and entry of a supplemental decree.

II. The Arizona Settlement

The Arizona Settlement Agreement contains various provisions regarding the Quechan Tribe's entitlement to additional diversions of Colorado River water and recognition of the Fort Yuma Indian Reservation boundaries in Arizona, among other provisions. Some of the main provisions of the Settlement Agreement are summarized below. This summary is not intended to supplant in any way the specific terms of the actual agreements submitted herewith, which agreements will govern the parties upon approval by this Court.

1. The Tribe shall be entitled to an additional diversion of up to 6,350 acre-feet (AF) of water per year. The additional diversions will have a priority date of January 8, 1884, and are subject to the same terms and conditions as apply to the Reservation's water allocation in the Supreme Court's 1964 Decree in *Arizona I*. (See *Arizona v. California*, 376 U.S. 340 (1964).)
2. The Parties also agree that the boundary for the Reservation in Arizona shall be the boundary as described in the Executive Order of January 9, 1884, subject to applicable federal law regarding the movement of the Colorado River. For the purposes of their agreement, the Parties agree further that the Bureau of Land Management Cadastral Survey dated October 1980, shall be the depiction of the exterior boundary of the Reservation in Arizona.
3. The Settlement Agreement merges all prior negotiations and understandings between the Parties in *Arizona v. California* with respect to the water rights of the Fort Yuma Indian Reservation in Arizona.

4. The Settlement Agreement merges all prior negotiations and understandings between the Parties, contains their entire agreement and shall be effective upon execution by all Parties, unqualified approval by the Supreme Court, and issuance of an appropriate supplemental decree. It represents a negotiated settlement with respect to all matters at issue among the Parties in the proceeding now before the Supreme Court and does not constitute and should not be construed as an admission or acceptance of any legal contentions or arguments of any other party in this or any other proceeding.

Exhibit A to this recommendation is the Settlement Agreement of February 14, 2005, by and among the Quechan Indian Tribe of the Fort Yuma Indian Reservation, the United States of America, the Metropolitan Water District of Southern California, the Coachella Valley Water District and the State of California.

Exhibit B is the Settlement Agreement of February 17, 2005, by and among the Quechan Tribe of the Fort Yuma Indian Reservation, the United States of America and the State of Arizona, and includes the copy of the Bureau of Land Management Cadastral Survey of October 22, 1980, reflecting the agreed boundary of the Reservation in Arizona.

Exhibit C is the proposed Supplemental Decree effectuating the two settlement agreements.

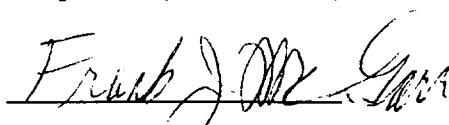
As noted earlier, the acceptance of the Special Master's recommendation by the Court and the entry of the proposed Supplemental Decree will bring to a resolution and close all of the issues embodied in this case.

The parties have joined in the motion before the Special Master to approve and recommend to the Court the final Settlement Agreements referred to above and to recom-

mend also the proposed Supplemental Decree by the Court effectuating the settlement agreements.

That joint motion is granted and the two settlements resolving all disputes referred to me are recommended to the Court. This approval, if granted, will be the basis for the entry by the Court of the proposed Supplemental Decree tendered to the Court herewith.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Frank J. McGarr", written over a horizontal line.

/s/ Frank J. McGarr
Special Master

EXHIBIT A

CALIFORNIA SETTLEMENT AGREEMENT

SETTLEMENT AGREEMENT IN *ARIZONA v. CALIFORNIA* BY AND AMONG THE QUECHAN INDIAN TRIBE OF THE FORT YUMA INDIAN RESERVATION, THE UNITED STATES OF AMERICA, THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA, COACHELLA VALLEY WATER DISTRICT, AND THE STATE OF CALIFORNIA

This Agreement ("Agreement") is entered into this 14th day of February, 2005, by and among the Quechan Indian Tribe of the Fort Yuma Indian Reservation ("Tribe"), the United States of America ("United States"), the Metropolitan Water District of Southern California ("Metropolitan"), the Coachella Valley Water District ("CVWD"), and the State of California ("California"), collectively referred to in this Agreement as the "Parties." Metropolitan, CVWD and California are collectively referred to in this Agreement as the "California Parties."

I

RECITALS

A. On October 10, 1989, the United States Supreme Court ("Supreme Court") granted the motion of the California Parties to reopen the Decree in *Arizona v. California*, 373 U.S. 546 (1963) ("*Arizona I*") to determine disputed boundary claims with respect to the Fort Mojave, Colorado River, and Fort Yuma Indian Reservations. *Arizona v. California* 493 U.S. 886 (1989). The Supreme Court referred the matter to a Special Master. 493 U.S. 971 (1989).

B. The disputed boundary issue concerning the Fort Yuma Indian Reservation involves water rights claimed for lands that are the subject of a purported 1893 Agreement between the Tribe and the United States, an 1894 statute ratifying that 1893 Agreement, 28 Stat. 332, a 1904 statute, 33 Stat. 234, a December 20, 1978 Decision of the Secretary of the Interior ("1978 Secretarial Decision"), and a 1981 Determination and Directive of the Secretary of the Interior regarding the boundaries of the Fort Yuma Indian Reservation, published at 46 Federal Register 11372 (February 6, 1981) ("1981 Secretarial Determination").

C. In his Memorandum Opinion and Order No. 4, September 6, 1991, Special Master McGarr ruled that the United States and the Tribe were precluded from asserting claims for water rights for the disputed boundary lands by virtue of a 1983 consent judgment of the United States Claims Court in *Quechan Tribe of the Fort Yuma Reservation v. United States*, No. 320 (Cl. Ct. Aug. 11, 1983). The Supreme Court rejected the Special Master's recommended ruling and remanded "the outstanding water rights claims associated with the disputed boundary lands of the Fort Yuma Indian Reservation to the Special Master for determination on the merits." *Arizona v. California*, 530 U.S. 392, 419-420 (2000).

D. This Agreement is intended to resolve the water rights issue referenced above and to conclude this litigation in *Arizona v. California*.

E. In connection with this settlement, the Parties have investigated the existence of practicably irrigable acreage and the feasibility of development on the disputed boundary lands. There is a bona fide, good faith dispute among

the Parties as to the extent of practicably irrigable acreage and the feasibility of development on the disputed boundary lands. The Parties desire to enter into this Agreement to compromise and resolve, among other things, the issue of the amount of water that should be available to the Tribe for such practicably irrigable acreage and development thereon, and the place where such water may be used, and to provide an option to the Tribe to forego such development, and thereby ensure that such water continues to be available for use by Metropolitan, upon certain terms and conditions described hereinafter.

II

PURPOSE

This Agreement conclusively settles all matters now at issue between the Parties in this litigation with respect to the water rights of the Fort Yuma Indian Reservation in California. Except as expressly provided herein, no modification of this Agreement shall be effective unless it is made with the consent of the Parties hereto.

III

SETTLEMENT TERMS AND CONDITIONS

A. Water Rights

1. In addition to the amounts of water decreed to the United States for the benefit of the Fort Yuma Indian Reservation in *Arizona I*, 376 U.S. 340 (1964), the Tribe shall be entitled to an annual (calendar year) quantity of water, that is subject to and defined by the terms and conditions in paragraph 2 below, not to exceed (a) 20,000 acre-feet of diversions from the mainstream of the Colorado River or (b) the amount of Colorado River water

necessary to supply the consumptive use required for irrigation of 2,998.50 acres, and for the satisfaction of related uses, whichever of (a) or (b) is less, for lands within the boundaries of the Fort Yuma Indian Reservation in the State of California.

2. The Parties agree that the additional water allocation in paragraph 1 above shall become available for the benefit of the Fort Yuma Indian Reservation as follows:

(a) 13,000 acre-feet, or the amount necessary to supply the consumptive use required for irrigation of 1,949.03 acres, and for the satisfaction of related uses, whichever is less, shall become available to the Tribe immediately upon entry of a supplemental decree by the Supreme Court in this matter;

(b) An additional 7,000 acre-feet, or the amount necessary to supply the consumptive use required for irrigation of 1,049.47 acres, and for the satisfaction of related uses, whichever is less, shall become available to the Tribe beginning in calendar year 2035, and continuing thereafter.

3. The Parties agree that the additional diversion of Colorado River water described in paragraphs 1 and 2 above shall be included in a supplemental decree to be issued by the Supreme Court at the conclusion of the present proceedings with a priority date of January 9, 1884, and that such diversions shall be subject to the same terms and conditions that apply to the Fort Yuma Indian Reservation water diversions that are decreed in the Supreme Court's 1964 Decree in *Arizona I*, as supplemented. Upon entry of that supplemental decree by the Supreme Court, the Tribe shall become entitled to divert the water defined in paragraphs 1 and 2 in accordance with the terms and conditions therein.

4. Metropolitan and the Tribe further agree that if the Tribe chooses to limit currently proposed development and utilization of practicably irrigable acreage, which would require the diversion of any of the water available to the Tribe under paragraph 2 above, and instead allows such water to pass through the priority system and be diverted by Metropolitan in accordance with Metropolitan's water storage and delivery contracts with the Secretary of the Interior and related agreements, then Metropolitan agrees to pay the Tribe the rate identified in paragraph 6 below, provided that such water is actually available for use and is received by Metropolitan.

5. Beginning in 2035 and continuing thereafter, Metropolitan shall have the option, in its sole discretion, to terminate any payments to the Tribe for water that may be available to Metropolitan under paragraph 4 above, by providing advance written notice to the Tribe one year prior to termination of the payments. If Metropolitan terminates payments, the Tribe retains the right to divert the water for its use on lands within the boundaries of the Fort Yuma Indian Reservation in California in accordance with the terms and conditions of the Supreme Court's decrees in *Arizona v. California*.

6. For purposes of this Agreement, the rate that Metropolitan shall pay to the Tribe for water available to Metropolitan under paragraph 4 above shall be \$125 per acre-foot of diversions annually, escalated at 2.5% per year beginning on the first day of the year following the year that such payments first commence. Notwithstanding any other provision of this Agreement, this paragraph may be amended by the mutual consent of the Tribe, the United States and Metropolitan without the approval of the other Parties to this Agreement.

7. In accordance with the terms of the Quantification Settlement Agreement by and among Imperial Irrigation

District, The Metropolitan Water District of Southern California, and Coachella Valley Water District, dated October 10, 2003 ("QSA"), CVWD agrees not to object to, or interfere with, the receipt and usage by Metropolitan of water that may become available to Metropolitan under paragraph 4 above, provided that CVWD retains all of its rights under the Law of the River with respect to the receipt and usage of such water by Metropolitan after the QSA has expired.

8. The Parties agree that the additional diversions of Colorado River water described in paragraphs 1 and 2 above shall be available for any beneficial use within California solely by: (a) the Tribe on lands within the boundaries of the Fort Yuma Indian Reservation or within the geographic area encompassed by surveys implementing the 1978 Secretarial Decision and 1981 Secretarial Determination, excluding and excepting therefrom those lands comprising the western half of the last natural bed of the Colorado River (before the avulsion of 1920) should the surveys include those lands, and/or (b) Metropolitan pursuant to paragraph 4 above, and not by any other water user or on any other lands.

9. The Parties agree that any future changes in the boundaries or status of the Fort Yuma Indian Reservation will not affect or limit the quantity of diversions of Colorado River water that are available to the Tribe and to Metropolitan under this Agreement, and they further agree that the Tribe may make use of such water in California within the geographic area encompassed by the surveys implementing the 1978 Secretarial Decision and 1981 Secretarial Determination, excluding and excepting therefrom those lands comprising the western half of the last natural bed of the Colorado River (before the avulsion of 1920) should the surveys include those lands.

10. If the provisions of this Agreement that make water available to Metropolitan are challenged, the United States assumes no responsibility to undertake any legal defense of such provisions, and Metropolitan and the Tribe assume sole risk and responsibility that such provisions comply with prior decrees in *Arizona v. California*, and with all applicable federal law. The United States does not warrant or guarantee that any water will actually be delivered to Metropolitan pursuant to the terms of this Agreement. The Parties agree that none of them will challenge the validity of this Agreement, including the provisions that make water available to Metropolitan, or take any action to frustrate its implementation, subject to the reservation of rights of CVWD in paragraph 7 above.

11. The Parties agree that the Fort Yuma Indian Reservation's present perfected water rights as set forth in the Decree in *Arizona I*, 376 U.S. 340 (1964), shall remain undisturbed and shall not be affected in any manner by the terms of this Agreement.

12. The Tribe and Metropolitan agree to enter into good faith negotiations regarding a fallowing/forbearance agreement for acreage that is subject to the Supreme Court's award of water in its 1964 Decree in *Arizona I*, 376 U.S. 340 (1964). The Tribe and Metropolitan expressly assume the risk of drafting an appropriate fallowing/forbearance agreement that meets the requirements of the decrees in *Arizona v. California* and all applicable federal law, and the United States assumes no liability for, and does not warrant or guarantee, the actual delivery to Metropolitan of any water subject to any such fallowing/forbearance agreement between Metropolitan and the Tribe.

13. After entry of a supplemental decree by the Supreme Court in this matter, neither the Tribe nor the United States on behalf of the Tribe shall claim or be

entitled to any additional reserved or other water rights from the Colorado River for lands in the Fort Yuma Indian Reservation in California or for the Tribe.

14. Upon entry of a supplemental decree by the Supreme Court in this matter, the United States and the Tribe waive and extinguish any claim, cognizable in law or equity, by the Tribe or by the United States for the benefit of the Tribe, of a right to use water in amounts in excess of the amounts set out in the 1964 Decree in *Arizona v. California*, the 1979 Supplemental Decree, and the supplemental decree to be entered in this matter, and waive and extinguish any claim with respect to a priority date other than the priority dates set out in said decrees.

15. (a) Upon entry of a supplemental decree by the Supreme Court in this matter, the Tribe waives and extinguishes any claim, cognizable in law or equity, against the United States, the California Parties, and all governmental subdivisions thereof, that such entities diverted, pumped, or impounded (or permitted others to divert, pump, or impound), waters of the Colorado River that had been decreed to the Tribe or to the United States for the benefit of the Tribe, or that were or could have been claimed by the Tribe or by the United States for the benefit of the Tribe prior to the date of the entry of a supplemental decree by the Supreme Court in this matter. In addition, upon entry of that supplemental decree, the United States waives and extinguishes any claim, cognizable in law or equity, against the California Parties, and all governmental subdivisions thereof, that such entities diverted, pumped, or impounded (or permitted others to divert, pump, or impound), waters of the Colorado River that had been decreed to the Tribe or to the United States for the benefit of the Tribe, or that were or could have been claimed by the Tribe or by the United States for the benefit of the Tribe prior to the date of the entry of a supplemental decree by the Supreme Court in this matter.

(b) Notwithstanding paragraph 15 (a) above, the Tribe and the United States expressly reserve the right to claim that third-parties other than the California Parties and their governmental subdivisions diverted, pumped, impounded (or permitted others to divert, pump, or impound) waters of the Colorado River that were decreed to the Tribe in *Arizona I*, 376 U.S. 340 (1964) *provided that* any such claim or enforcement action: (a) is not against and does not affect any of the California Parties or any of their governmental subdivisions, officers, employees, contractors or agents, and does not diminish the waiver afforded the California Parties in paragraph 15(a) above, and (b) neither directly or indirectly diminishes the quantity of Colorado River water received by the California Parties nor affects the timing or terms and conditions of delivery of such water to the California Parties that would otherwise occur in the absence of any claim or enforcement action against third-parties by the Tribe and/or the United States.

B. Decision on Yuma Island Decree Accounting

The United States agrees that, no later than March 15, 2005, it will take final agency action deciding whether consumptive use of Colorado River water on the "Yuma Island" should be charged to Priority 2 under the California Seven Party Agreement of August 18, 1931. Metropolitan in its sole discretion may extend this deadline. The United States makes no commitment in this Agreement to undertake any remedial or other enforcement action as a result of this decision about consumptive use on the "Yuma Island," but reserves all of its rights to determine appropriate enforcement or non-enforcement in its discretion. The California Parties also reserve all of their rights, and expressly do not waive any rights that they may have to seek judicial review of the United States' decision on

consumptive use on the "Yuma Island," or the enforcement or lack thereof that results from such decision. For purposes of this Agreement, "Yuma Island" means the lands that are located between the present channel of the Colorado River and the abandoned levee, commonly known as the Reservation Levee, originally constructed prior to the avulsion of the Colorado River in 1920, the consumptive use of water on which is currently being charged to California in the *Arizona v. California* decree accounting of the Bureau of Reclamation.

C. Recognition of the Fort Yuma Indian Reservation Boundary in California

Metropolitan, CVWD, the United States and the Tribe agree, without reservation, to recognize and waive any challenge to the validity of the 1981 Secretarial Determination attached hereto as Exhibit "A" and by this reference incorporated herein. The United States and the Tribe hereby reserve all arguments in that action in the United States District Court for the Southern District of California entitled *Quechan Indian Tribe, Plaintiff, vs. United States of America, et al., Defendants*, Case No. 02 CV 01096 IEG (AJB). Notwithstanding the foregoing reservation, Metropolitan, CVWD and the Tribe agree, and the Tribe shall not dispute, that the United States has the right to install, construct, reconstruct, maintain, operate, inspect, repair, enlarge, alter, replace and remove the Parker-Davis 161 kV Transmission Line in accordance with the 1981 Secretarial Determination. Metropolitan, CVWD, and the Tribe reserve their rights to challenge the surveys implementing the 1978 Secretarial Decision and the 1981 Secretarial Determination, or any future survey or resurvey of the Fort Yuma Indian Reservation, in appropriate administrative and judicial proceedings.

D. Recognition by the State of California of Geographic Area in California Within Which Fort Yuma Indian Reservation Water Rights May Be Used

For water rights purposes only, California agrees to recognize the provisions of the 1981 Secretarial Determination regarding the boundaries of the Fort Yuma Indian Reservation in California, except those lands comprising the western half of the last natural bed of the Colorado River (before the avulsion of 1920), should the surveys implementing the 1978 Secretarial Decision and the 1981 Secretarial Determination include these lands. "For water rights purposes only" means solely for the identification of the geographic area within which the reserved water rights decreed to the United States for the benefit of the Tribe and its allottees in this action may be used. It is not recognition of that demarcation as establishing political jurisdiction as between California or its political subdivisions and the Tribe, or for any other purpose. For all other purposes, California expressly reserves the right, in any judicial, administrative or legislative proceeding, to contest the boundaries of the Fort Yuma Indian Reservation, to contend that the Fort Yuma Indian Reservation in California has been diminished or disestablished by the 1893 Agreement, the 1894 or 1904 Acts, or any subsequent federal legislation, and to challenge the 1978 Secretarial Decision and 1981 Secretarial Determination, including the provisions regarding the reservation boundaries. The United States and the Tribe reserve all their arguments in opposition. If any such contest, contention, or challenge by California is successful, California nevertheless will not challenge or oppose the Tribe's use of the water rights decreed in this action as provided in paragraph A8. California also reserves the right to challenge the surveys implementing the 1978 Secretarial Decision and the 1981 Secretarial Determination, or any future survey or

resurvey of the Fort Yuma Indian Reservation in appropriate administrative and judicial proceedings.

E. Riverbed Land

California contends that title to the western half of the last natural bed of the Colorado River (before the avulsion of 1920), which riverbed lies either within or adjacent to the boundaries of the Fort Yuma Reservation in California, passed to California in 1850 by operation of the Equal Footing Doctrine. The United States and the Tribe expressly disclaim any property interest in, or title to, these lands (hereinafter "riverbed lands"). The Parties, however, may dispute the extent and precise location of the riverbed lands. The Bureau of Land Management (hereinafter "BLM") is currently completing a survey of the Fort Yuma Indian Reservation. The Parties retain and do not waive any of their claims with respect to the extent and location of riverbed lands within the Reservation boundaries: the Tribe and the United States claim that the riverbed lands lie within the Reservation, while California claims that the riverbed lands lie outside of the Reservation boundaries. This Agreement and settlement between the Parties is neither dependent nor conditioned upon resolution of the riverbed lands issues described in this paragraph. This Agreement and settlement of this litigation will become fully effective regardless of any later resolution or non-resolution of those issues.

F. Scope, Effective Date and Waiver

This Agreement merges all prior negotiations and understandings between the Parties, contains their entire agreement, and shall be effective upon unqualified approval by the Supreme Court in these proceedings and the issuance and entry of an appropriate supplemental decree. Nothing in this Agreement shall be deemed to create or give validity to any claim by the Tribe against the United States or in any way constitute acknowledgment of the validity of any claims by the Tribe against the United States. In addition, the Tribe hereby waives any claim against the United States arising out of:

1. The negotiation of this Agreement;
2. The adoption of the specific terms of this Agreement;
or
3. Any allegations concerning the lack of authority of the Tribe to enter into this Agreement.

G. Signatures

This Agreement may be entered into in any number of counterparts, and each executed counterpart shall have the same force and effect as an original instrument as if all the parties to the aggregate counterparts had signed the same instrument. Signature pages of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any signatures thereon and may be attached to another counterpart of this Agreement identical in form hereto but having attached to it one or more additional signature pages.

The Parties hereto have executed this Agreement on the date set forth to the left of their signatures.

Dated: 2/24/05

/s/ Patrick Barry
Indian Resources Section
Environment & Natural Resources Division
United States Department of Justice
Attorney for the United States of America

Dated: 2/24/05

/s/ Michael Jackson
President, Quechan Indian Tribal Council

Dated: 2/24/05

/s/ Mason D. Morisset
Morisset Schlosser Jozwiak & McGaw
Attorneys for the Quechan Indian Tribe

Dated: 2/24/05

/s/ Gilbert F. Ivey
Chief Executive Officer
Metropolitan Water District of Southern California

APPROVED AS TO FORM:

Dated: 2/24/05

/s/ Jeffrey Kightlinger
General Counsel
Metropolitan Water District of Southern California

Dated: 2/24/05

/s/ Steven B. Robbins
General Manager and Chief Engineer
Coachella Valley Water District

APPROVED AS TO FORM:

Dated: 2/24/05

/s/ Steven B. Abbott
Redwine and Sherrill
Attorneys for Coachella Valley Water District

BILL LOCKYER
Attorney General of the State of California

Dated: 2/24/05

/s/ William S. Abbey
Deputy Attorney General

Dated: 2/24/05

/s/ Nancy A. Saggese
Deputy Attorney General

Attorneys for the State of California

EXHIBIT B

ARIZONA SETTLEMENT AGREEMENT

ARIZONA V. CALIFORNIA SETTLEMENT AGREEMENT BETWEEN THE UNITED STATES, THE QUECHAN INDIAN TRIBE OF THE FORT YUMA INDIAN RESERVATION AND THE STATE OF ARIZONA

AGREEMENT

The Quechan Indian Tribe of the Fort Yuma Indian Reservation (hereinafter "Tribe"), the United States of America (hereinafter "United States"), and the State of Arizona (hereinafter "Arizona") hereby enter into the following Agreement.

I

RECITALS

- A. On October 10, 1989, the United States Supreme Court granted The Metropolitan Water District of Southern California and other parties' Motion to reopen the Decree in *Arizona v. California*, 373 U.S. 546 (1963) ("*Arizona I*") to determine the disputed boundary claims with respect to the Fort Mojave, Colorado River and Fort Yuma Indian Reservations and referred the matter to a Special Master for resolution. *Arizona v. California*, 493 U.S. 886 (1989).
- B. The boundary issue concerning the Fort Yuma Indian Reservation involves water rights claims associated with lands which are the subject of an 1893 Agreement between the Tribe and the United States. The 1893 Agreement was subsequently ratified by Congress on August 15, 1894. See 28 Stat. 332 (August 15, 1894).
- C. In his Memorandum Opinion and Order No. 4, September 6, 1991, Special Master McGarr ruled that the United States and the Tribe were precluded from

asserting claims for water rights in the current litigation. Specifically, the Master concluded that the Tribe and the United States could not pursue claims for water because of a 1983 judgment of the United States Claims Court, which approved a settlement between the United States and the Tribe respecting the disputed boundary lands. *Id.* at 6-8. See also *Quechan Tribe of the Fort Yuma Reservation v. United States*, No. 320 (Cl. Ct. Aug. 11, 1983). The Supreme Court reversed and remanded "the outstanding water rights claims associated with the disputed boundary lands of the Fort Yuma Indian Reservation to the Special Master for determination on the merits." *Arizona v. California*, 530 U.S. 392, 419-420 (2000).

- D. In order to resolve the issues referenced above, the United States, the Tribe and the State of Arizona have reached the agreement set forth below.

II

PURPOSE

This Agreement settles all matters now at issue between the parties in this litigation with respect to the water rights claims and boundary of the Fort Yuma Indian Reservation in Arizona. Except as expressly provided herein, no modification of this Agreement without the consent of the parties shall be effective.

A. Arizona Settlement.

1. Water Rights.

- (a) In addition to the amounts decreed to the Tribe as in *Arizona I*, 376 U.S. 340 (1964), the Tribe shall be entitled to an annual (calendar year) quantity with a priority date of January 9, 1884, not to exceed (a) 6,350 acre-feet of diversions from the

mainstream of the Colorado River or (b) the amount of Colorado River water necessary to supply the consumptive use required for irrigation of 952 acres, and for the satisfaction of related uses, whichever of (a) or (b) is less, for that portion of the Fort Yuma Indian Reservation located in the State of Arizona.

- (b) The United States, the Tribe and Arizona agree that the additional allocation of Colorado River water described in (a), above, shall be included in a supplemental decree to be issued by the Supreme Court at the conclusion of the present proceedings and subject to the same terms and conditions as apply to the Fort Yuma Indian Reservation water allocation in the Supreme Court's 1964 Decree, as supplemented.
- (c) The United States, the Tribe and Arizona agree further that the Tribe's present perfected water rights as set forth in the Decree in *Arizona I*, 376 U.S. 340 (1964), shall remain undisturbed and shall not be affected in any manner by the terms of this Agreement.
- (d) Upon entry of the supplemental decree by the Supreme Court in this matter, the United States and the Tribe, waive and extinguish any claim, cognizable in law or equity, that might exist on that date, for the benefit of the Tribe or by the Tribe, of a right to use of Colorado River water in amounts in excess of the amounts set out in the 1964 Decree and the supplemental decree to be entered in this matter or with a priority date other than the priority dates set out in said decree. In addition, the Tribe, upon entry of the supplemental decree of the Tribal water right by the United States Supreme Court, also waives and extin-

guishes any claim, cognizable in law or equity, that might exist on that date against the United States, Arizona, and governmental subdivisions thereof, or any person, that they have diverted, pumped, or impounded (or have permitted others to divert, pump, or impound), waters of the Colorado River, decreed to the Tribe or that had been claimed or could have been claimed, prior to the date of the entry of a supplemental decree by the United States Supreme Court.

2. Disputed Boundary in Arizona. The parties agree that the boundary for the Fort Yuma Indian Reservation in Arizona shall be the boundary as described in the Executive Order of January 9, 1884, subject to applicable federal law regarding the movement of the Colorado River. For the purposes of this agreement only, the parties agree that the Bureau of Land Management Cadastral Survey dated October 22, 1980 which contains five plates depicting the reservation boundary (the "1980 BLM Survey") shall be the depiction of the exterior boundary of the Fort Yuma Indian Reservation in Arizona, and shall remain as the exterior boundary of the Fort Yuma Indian Reservation in Arizona until and unless all of the following events occur, in which case the exterior Fort Yuma Indian Reservation boundary in Arizona shall change accordingly:

- (a) The Tribe or Arizona files with a federal agency, administrative tribunal or court having the jurisdiction to review the sufficiency of the instructions for the 1980 BLM survey of the exterior Fort Yuma Indian Reservation boundary in Arizona, a challenge on the ground that the survey instructions incorrectly ordered portions of the exterior Fort Yuma Indian Reservation boundary in Arizona to end at the right bank of the abandoned channel of

the 1902-03, 1920 or 1954 Colorado River rather than further east at the center of the river channel;

- (b) The final decision of such federal agency, administrative tribunal or court, after exhaustion of all administrative and judicial appeals, finds that the 1980 BLM survey instructions were in error on the basis that the instructions incorrectly ordered portions of the exterior Fort Yuma Indian Reservation boundary in Arizona to end at the right bank of the abandoned channel of the 1902-03, 1920 or 1954 Colorado River channel, rather than further east at the center of the river channel, and further orders that the BLM conduct a new survey of the Fort Yuma Indian Reservation exterior boundary in Arizona to the center of the abandoned channel; and
- (c) A new survey of the exterior Fort Yuma Indian Reservation boundary in Arizona is conducted by BLM in accordance with the final decision of an agency, administrative tribunal or court as described above, and all administrative and judicial appeals to the new survey have been exhausted.

Future resurveys of the exterior Fort Yuma Indian Reservation boundary in Arizona, except a resurvey conducted by BLM upon the occurrence of all of the above-described events and upon the basis set forth above, shall not change the exterior Fort Yuma Indian Reservation boundary in Arizona. Nothing in this paragraph is intended to limit the Secretary's authority to survey and resurvey federal lands. A true and correct copy of the 1980 BLM Survey is attached hereto and incorporated by this reference as Exhibit "A."

B. Scope, Effective Date and Waiver. This Agreement merges all prior negotiations and understandings between the parties, contains their entire agreement and shall be effective upon unqualified recommended approval by the Special Master in his report to the United States Supreme Court in these proceedings and the Court's unqualified approval of the Special Master's report on this issue and the issuance of an appropriate decree. Nothing in this Agreement shall be deemed to create or give validity to any claim by the Tribes against the United States or in any way constitute acknowledgment of the validity of any claims by the Tribes against the United States. In addition, the Tribe hereby waives any claim against the United States arising out of::

1. The negotiation of this Agreement;
2. The adoption of the specific terms of this Agreement;
or
3. The allegations concerning the lack of authority of the Tribes to enter into this Agreement.

C. Nothing in this Agreement is intended or shall be construed to (a) affect any right, claim, or interest in lands of any person, natural, corporate or political, whether or not a party to this case, or (b) to determine title to or jurisdiction over any such land.

D. Signatures. This Agreement may be entered into in any number of counterparts, and each executed counterpart shall have the same force and effect as an original instrument as if all the parties to the aggregate counterparts had signed the same instrument. Signature pages of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any

counterpart of this Agreement identical in form hereto but having attached to it one or more additional signature pages.

The parties hereto have executed this Agreement on the date set forth to the left of their signatures.

STATE OF ARIZONA

By _____ DATE: _____

/s/ Herbert R. Guenther, Director
Arizona Department of Water Resources
500 North Third Street
Phoenix, Arizona 85004
(602) 417-2420

By _____ DATE: _____

/s/ W. Patrick Schiffer, Chief Counsel
Arizona Department of Water Resources
500 North Third Street
Phoenix, Arizona 85004
(602) 417-2420

Counsel for the State of Arizona

QUECHAN TRIBE OF THE FORT
YUMA INDIAN RESERVATION

By _____ DATE: _____

/s/ Mike Jackson, Sr., President
Quechan Tribe of the Fort Yuma
Indian Reservation

Fort Yuma Indian Reservation
P.O. Box 1899
Yuma, AZ 85366-9352

By _____ DATE: _____

/s/ Mason D. Morisset
MORISSET, SCHLOSSER, JOZWIAK
& McGAW
1115 Norton Building
801 Second Avenue
Seattle, WA 98104-1509
(206) 386-5200

Counsel for the Quechan Indian Tribe

UNITED STATES OF AMERICA

By _____ DATE: _____

/s/ Patrick Barry
Department of Justice
Environment and Natural Resource Division
Indian Resources Section
Attorney for the United States
(202) 305-0254

Attorney for the United States of America

SETTLEMENT AGREEMENT ADDENDA A*

***Maps at the end of the book**

**October 22, 1980 BLM
Cadastral Survey**

Volume RS49-8

Form 9600-9
(December 1979)
(Inventory 9194-9)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF A PORTION OF

THE EXTERIOR BOUNDARIES OF THE YUMA INDIAN RESERVATION

IN PORTIONS OF

TOWNSHIPS 15 AND 16 SOUTH, RANGES 21, 22 AND 23 EAST

SAN BERNARDINO MERIDIAN, CALIFORNIA

AND

TOWNSHIPS 16 SOUTH, RANGES 22 AND 23 EAST

SAN BERNARDINO MERIDIAN, ARIZONA

AND

THE RESURVEY OF THE MEANDERS OF PORTIONS

OF THE COLORADO RIVER

IN

CALIFORNIA AND ARIZONA

Of the _____ Meridian,

In the State of _____

EXECUTED BY

Jack W. Rabedew, Supervisory Cadastral Surveyor

Under special instructions dated October 15, 1979, approved October 22, 1979,

and Supplemental Special Instructions No. 1, dated October 30, 1979, and

approved October 31, 1979, which provided for the surveys included under W.B. 66, Vol. 1 Group
and Group Number 614 Arizona

Number 747 California /, and assignment instructions dated September 28, 1979.

Survey commenced December 1, 1979

Survey completed March 26, 1980

INDEX DIAGRAM

Township _____, Range _____

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31	32	33	34	35	36

Index Yuma Indian Reservation

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N. Bdy.	Pgs. 6-19
W. Bdy.	Pgs. 19-27
Sec. line bet. secs. 2 & 3	Pgs. 27-28
Sec. line bet. secs. 22 & 27	Pg. 28
Extension survey sec. 14 & 15	Pgs. 28-29
Partition line, sec. 14	Pgs. 29-30
Colorado River meanders	Pgs. 30-31, 55-56, 60-61, 62-65
1920 Fixed bdy.	Pgs. 31-55
1954 Fixed bdy.	Pgs. 56-60
Informative traverse	Pg. 61 (Sec. 27, T. 16 S., R. 22 E.)

DEPENDENT RESURVEY AND SURVEY OF A PORTION OF
THE EXTERIOR BOUNDARIES OF THE YUMA INDIAN RESERVATION

CHAINS

The following field notes are those of the dependent resurvey of a portion of the exterior boundaries of the Yuma Indian Reservation consisting of a portion of the south boundary T. 16 S., R. 21 E., a portion of the subdivisinal lines of Tps. 15 S., Rs. 21, 22 and 23 E., and T. 16 S., R. 21 E., San Bernardino Meridian, California, the fixed and limiting boundary of the 1920 right bank of the abandoned channel of the Colorado River, T. 16 S., R. 23 E., San Bernardino Meridian, California and Arizona; the 1954 right bank of the abandoned channel of the Colorado River through section 36, T. 16 S., R. 22 E., and a portion of section 31, T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the resurvey of the right bank of the Colorado River through T. 16 S., R. 21 E., and portions of Tps. 16 S., Rs. 22 and 23 E., San Bernardino Meridian, California, and through a portion of T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the partition line of section 14 and the extension and accretion surveys of lands in sections 2, 14 and 15, T. 16 S., R. 23 E., San Bernardino Meridian, California.

HISTORY OF SURVEYS:

T. 15 S., R. 21 E.

- 1855 - C. H. Poole surveyed the township exteriors.
- 1856 - J. La Croze surveyed a portion of the subdivisinal lines.
- 1895 - F. S. Ingalls resurveyed and surveyed the S two miles of the E bdy., the E two miles of the S bdy., and resurveyed sections 25, 26, 35 and 36.
- 1931 - J. L. Warboys made investigation surveys.
- 1932 - J. L. Warboys resurveyed the S bdy. and the S $\frac{1}{2}$ mile between sections 34 and 35.
- 1957 - L. P. Lewis resurveyed a portion of the E bdy. and subdivisinal lines.

T. 15 S., R. 22 E.

- 1855 - C. H. Poole surveyed the township exteriors.
- 1856 - J. La Croze surveyed a portion of the subdivisinal lines.
- 1895 - F. S. Ingalls resurveyed the S two miles of the township.
- 1957 - L. P. Lewis resurveyed a portion of the W bdy. and the N bdy.
- 1957 - E. Pearson reestablished the Ingalls corner of sections 19, 24, 25 and 30 on the E bdy. of the township.

T. 15 S., R. 23 E.

- 1855 - C. H. Poole surveyed the W bdy. and the W $\frac{1}{2}$ miles of the S bdy.
- 1856 - J. La Croze surveyed a portion of the subdivisinal lines and meanders of the right bank of the Colorado River.

DEPENDENT RESURVEY AND SURVEY OF A PORTION OF
THE EXTERIOR BOUNDARIES OF THE YUMA INDIAN RESERVATION

CHAINS	
1879 -	W. F. Benson surveyed the fractional E bdy. of the township.
1895 -	F. S. Ingalls resurveyed the S two miles of the township and meanders of the right bank of the Colorado River.
1908 -	R. M. Friest resurveyed sections 33, 34 and 35 and the meanders of the Colorado River along the E bdy. of section 35.
1931 -	C. E. Clegg resurveyed a portion of the S bdy. of section 31.
1937 -	E. Pearson resurveyed the E bdy. of the township, the west 5 miles of the second latitudinal line and surveyed the W bdy. and sections 16 and 21.
1961 -	W. W. Glenn resurveyed a portion of the E bdy. of the township and sections 23, 35 and 36.
1977 -	W. S. Ross surveyed the subdivision of sections 27, 32 and 33.
	<u>T. 16 S., R. 21 E.</u>
1855 -	C. R. Poole surveyed the township exteriors and International Boundary.
1856 -	J. La Croze surveyed a portion of the subdivisional lines and the left and right banks of the Colorado River.
1891-96 -	Boundary Commission Survey of the International Boundary between the U.S. and Mexico.
1895 -	F. S. Ingalls resurveyed the E two tiers of sections and meanders of the right bank of the Colorado River.
1931 -	J. L. Warboys made investigation surveys.
1932 -	J. L. Warboys resurveyed the N and W bdrs., a portion of the International Boundary and surveyed and resurveyed the W four tiers of sections.
1949 -	D. R. Averill resurveyed the E line of section 24.
1961 -	R. D. Snider et al, resurveyed sections 24, 25, 35 and 36, and retraced the International Boundary along the S bdrs. of sections 34 and 35.
1961 -	E. Pearson resurveyed the S 1½ miles of the W bdy.
	<u>T. 16 S., R. 22 E.</u>
1855 -	C. H. Poole surveyed the N and W bdrs., fractional E bdy. and the International Boundary.

DEPENDENT RESURVEY AND SURVEY OF A PORTION OF
THE EXTERIOR BOUNDARIES OF THE YUMA INDIAN RESERVATION

CHAINS

- 1856 - J. La Croze surveyed the subdivisional lines and meandered the left and right banks of the Colorado River.
- 1888 - R. B. Symington surveyed the "Jaeger Tract" in section 27.
- 1895 - F. S. Ingalls resurveyed the E bdy. and fractional E and W bdrs., subdivisional lines and the Jaeger Tract in section 27 and meanders of the right bank of the Colorado River.
- 1909-11 - W. O. Owen surveyed a tract in section 26 and the Powell Townsite in section 22.
- 1914 - E. W. Dahl resurveyed fractional sections 27 and 28.
- 1931 - C. B. Clegg resurveyed the E $\frac{1}{4}$ mile of the E bdy. of section 1.
- 1949 - D. R. Averill resurveyed a portion of the E bdy., sections 19, 20, 25 through 30, 35 and 36 and remeandered the right bank of the Colorado River.
- 1961 - R. D. Snider resurveyed a portion of the subdivisional lines.
- 1961 - F. A. Brooks resurveyed a portion of the E bdy.
- 1964 - L. S. Mann surveyed the Compact Boundary between Arizona and California.
- 1977 - W. S. Ross resurveyed a portion of the E bdy.
- T. 16 S., R. 23 E.
- 1855 - C. H. Poole surveyed the fractional N and W bdrs.
- 1856 - J. La Croze surveyed the subdivisional lines and meanders of the right bank of the Colorado River.
- 1895 - F. S. Ingalls resurveyed the N and W bdrs., subdivisional lines and meanders of the right bank of the Colorado River.
- 1908 - R. M. Priest resurveyed a portion of the subdivisional lines and remeandered the Colorado River.
- 1931 - C. B. Clegg resurveyed a portion of the N and W bdrs. of section 6 and surveyed a portion of the subdivisions of the section.
- 1932 - J. L. Warboys resurveyed portions of sections 8, 9, 16 and 17, and meandered a portion of the 1920 right bank of the Colorado River.
- 1949 - D. R. Averill resurveyed a portion of the W bdy. and subdivisional lines, remeandered a portion of the right bank of the Colorado River and established the fixed and limiting boundary of the 1920 abandoned channel of the Colorado River.

DEPENDENT RESURVEY AND SURVEY OF A PORTION OF
THE EXTERIOR BOUNDARIES OF THE YUMA INDIAN RESERVATION

CHAIN	<p>1961 - F. A. Brooks resurveyed a portion of the W and N bdrs., subdivisional lines, meanders of the right bank of the Colorado River and the 1920 abandoned channel.</p> <p>1964 - L. S. Mann surveyed the Compact Boundary between Arizona and California.</p> <p>1977 - W.S. Ross resurveyed portions of the west bdr. and subdivisional lines and portions of the 1920 abandoned channel of the Colorado River.</p> <p>The resurveys and surveys as given herein were executed in accordance with the <u>Manual of Surveying Instructions, 1973</u>; edition, and the <u>Special Instructions for Group No. 747, California and Group No. 614, Arizona</u>, dated October 15, 1979 and Supplemental Special Instructions No. 1, dated October 30, 1979.</p> <p>Preliminary to the resurveys the lines of the original surveys were retraced and diligent search made for original corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based upon the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.</p> <p>The instruments and equipment used in this survey conform to the specifications of the Bureau of Land Management and were maintained in proper working order during the progress of the survey. The vertical angles of the electronic measurements of distances were ascertained with a theodolite and only the horizontal distances are entered in the field notes. The directions of the lines refer to the true meridian and were determined by astronomical observations which were carried forward by sustained angulation.</p> <p>The geographic position of the meander corner of sections 2 and 35, Tps. 15 and 16 S., R. 23 E., as determined by traverse lines from U.S.C. & C.S. Tri-angulation Station "LAGUNA" is:</p> <p>Latitude 32°48'14.7" N. Longitude 114°31'12.2" W.</p> <p>The mean observed magnetic declination is 14° E.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF THE S BDY. OF THE YUMA INDIAN RESERVATION, IDENTICAL WITH A PORTION OF THE S BDY. OF T. 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA</p> <hr/> <p style="text-align: center;">Reestablishment of this Survey Executed by C. H. Poole, Deputy Surveyor, in 1855 Resurveyed by F. S. Ingalls, Deputy Surveyor, in 1895 J. L. Watboys, Cadastral Engineer, in 1932 and R. D. Spider, Cadastral Surveyor, in 1961</p> <hr/> <p>Beginning at the SW cor. of the Yuma Indian Reservation, identical with the closing cor. of secs. 34 and 35, on the S bdy. of T. 16 S., R. 21 E., monumented with an iron post, 2 in. diam., firmly set, projecting 6 in. above the ground, with brass cap mkd. as described in the 1932 resurvey record of the International Boundary between California and Mexico.</p> <p>Add marks Y.I.R. and 1980 to brass cap.</p>
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DEPENDENT RESURVEY OF THE S BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE S BDY. OF
T. 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

- | CRADLE | |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>From this point International Boundary Monument No. 208 bears S. 85°31' W., 141.84 chs. dist., an iron monument, 6 ft. high, with a pyramidal top, spreading 9 ins. square, 6 ins. below apex, and 1 ft. square at base, set on a concrete footing, 2½ ft. square, 3 ft. high. The monument is marked "BOUNDARY OF THE UNITED STATES" on the N face and "REPUBLIC OF MEXICO" on the S face.</p> <p>from which</p> <p>U.S.C. & G.S. reference monument "BOUNDARY MONUMENT 208 NO 1 1974" bears S. 82° W., 76 lks. dist., a brass tablet, 3 ins. diam., seated in a concrete post, 6 ins. diam., projecting 1 ft. above ground.</p> <p>N. 85°31' E., on a right line, on the S bdy. of the Yuma Indian Reservation, identical with the S bdy. of sec. 35, along the International Boundary.</p> |
| 24.95 | <p>International Boundary Monument No. 207, a masonry monument, 11 ft. high, with a pyramidal top, spreading to 2 ft. square, 1 ft. below apex, and 4 ft. square at base, set on a concrete footing, 6 ft. square. A plaque on the N face is mkd. "BOUNDARY BETWEEN UNITED STATES AND MEXICO BY TREATY OF 1858, REESTABLISHED BY TREATY OF 1882-1889".</p> <p>from which</p> <p>U.S.C. & G.S. reference monument "OFFSET 207 1934" bears N. 40° W., 57 lks. dist., a brass tablet, 3 ins. diam., seated in a boulder, projecting 2 ins. above the ground.</p> <p>U.S.C. & G.S. reference monument "OFFSET 207 NO 1 1934" bears North, 78 lks. dist., a brass tablet, 3 ins. diam., seated in a boulder, projecting 4 ins. above the ground.</p> <p>U.S.C.S. bench mark "155 Y" bears North, 5 lks. dist., an iron post, 4 ins. diam., projecting 4 ins. above the ground, with brass cap; the marks on the cap have been destroyed.</p> <p>N. 85°31' E., beginning new measurement; on a right line.</p> |
| 15.14 | <p>The ½ sec. cor. of sec. 35 only, monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground, with brass cap mkd. as described in the 1961 resurvey record.</p> <p>Add the marks Y.I.R. 1980 to the brass cap.</p> <p>N. 85°31' E., beginning new measurement; continuing a right line.</p> |
| 9.04 | <p>Record dist.; point for the 1856 meander cor.; there is no remaining evidence of the original cor. Point not monumented.</p> |

DEPENDENT RESURVEY OF THE S BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE S BDY. OF
T. 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CRACKS

25.17

International Boundary Monument No. 206, a metal monument, 3 ft. high, with pyramidal top spreading to 1 ft. square, 1 ft. below apex, and 13 ins. square at base, set on a concrete footing, 2½ ft. square, 3 ft. high. A plaque on the N face is mkd. "BOUNDARY BETWEEN UNITED STATES AND MEXICO BY TREATY OF 1856, REESTABLISHED BY TREATY OF 1882-1889, REMONUMENTED IN 1926".

Note: The published azimuth from "Mon. No. 206" to "Bdry. Pt. No. 34 Calif-Ariz" is N. 85°31'35.1" E. and the distance is 1,028.00 ft. (15,576 chs.).

N. 85°31'35" E., beginning new measurement; on a right line.

- 9.14 Point selected for the witness meander cor. of sec. 35 only, on the S bdy. of the Tp.

Set an aluminum post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with aluminum cap mkd.

T16S R21E
Y1R
S35 WC
MC
1980

Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. N of the aluminum post, with a metal sign attached which reads "YUMA INDIAN RESERVATION BOUNDARY".

- 9.15 Record distance for the witness meander cor. of the 1961 resurvey; there is no evidence of the corner post.

- 12.40 True point for the meander cor. of sec. 35 only, on the right bank of the Colorado River, bears N. 30° E. and S. 30° W., falls on Louland, subject to annual overflow; unsuitable for permanent monumentation.

- 15.567 The true point for unmonumented Boundary Point No. 34 of the Compact Boundary between Arizona and California, falls in the Colorado River.

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF
TFS. 15 S., RN. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

Reestablishment of the Surveys Executed by
G. H. Foule, Deputy Surveyor, in 1853
J. La Croix, Deputy Surveyor, in 1856
and the Surveys and Resurveys Executed by
F. S. Ingalls, Deputy Surveyor, in 1895
and the Resurveys Executed by
L. P. Lewis, Cadastral Surveyor, in 1957
E. Pearson, Cadastral Surveyor, in 1957
W. W. Glenn, Cadastral Surveyor, in 1960-61
and W. S. Ross, Cadastral Surveyor, in 1977

DEPENDENT RESURVEY OF THE N Bdy. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF Tps. 15 S., Rs. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

C86A2179

- From the cor. of secs. 25 and 30, Tps. 15 S., Rs. 23 and 24 E., only, falls in the All American Canal, courses West. The witness cor. to this point, bears South, 2.22 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, in concrete, with brass cap marked as described in the 1979 resurvey record, of this group.
- West, along the N bdy. of sec. 25, over the waters of the All American Canal.
- 12.75 Right bank, All American Canal, bears SW in a curve from the NE.
- 36.05 The closing cor. of sec. 31, T. 15 S., R. 24 E., only, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap marked as described in the 1960-61 resurvey record.
- 40.00 The ¼ sec. cor. of sec. 25 only, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap marked as described in the 1960-61 resurvey record.
- Add marks Y.I.R. and 1980 to the brass cap.
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 3 lks. S of the iron post, with metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- Cor. is located on east edge of powerline road, 18 lks. wide, bears N. 16° E. and S. 16° W., and, 61 lks. E of a double pole powerline, bears N and S.
- West, beginning new measurement.
- 40.00 The cor. of secs. 25 and 26 only, T. 15 S., R. 23 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3½ ft. diam., 18 ins. high, with brass cap mkd. as described in the 1960-61 resurvey record, from which the bearing trees marked by F. S. Ingalls in 1895
- An ironwood, 8 ins. diam., bears S. 51° E., 1.41 chs. dist., with fragmentary scribe marks visible on a partially healed blaze.
- An ironwood, 12 ins. diam., bears N. 28½° W., 1.42 chs. dist., with fragmentary scribe marks visible on a partially healed blaze.
- Add the marks Y.I.R. 1979 to the brass cap.
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- N. 88°31' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 26.
- 40.46 The ¼ sec. cor. of sec. 26 only, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the 1957 resurvey record.
- Add the marks Y.I.R. 1980 to the brass cap.

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TFS. 13 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	S. 89°47' W., beginning new measurement.
39.59	The cor. of secs. 26 and 27 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 and 1977 resurvey records.
	Add the marks Y.I.R. 1980 to the brass cap.
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	N. 89°38' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 27 only.
40.43	The $\frac{1}{2}$ sec. cor. of sec. 27 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.
	Add the marks Y.I.R. 1980 to the brass cap.
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	Cor. is located on a steep N slope of the left bank of the All American Canal, 18 lks. from the water's edge, course N. 70° W. from S. 43° E.
	N. 89°39' W., beginning new measurement.
40.43	The cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1957 and 1977 resurvey records.
	Add the marks Y.I.R. 1980 to the brass cap.
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	S. 89°53' W., on the N bdy. of the Yuma Indian Reservation, bet. secs. 21 and 28.
40.12	The $\frac{1}{2}$ sec. cor. of secs. 21 and 28, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1957 resurvey record.
	Add the marks YIR 1980 to the brass cap.
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	N. 89°48' W., beginning new measurement.

DEPENDENT RESURVEY OF THE N EBY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TPS. 15 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS
40.15

The cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1957 resurvey record, from which the bearing tree marked by F. S. Ingalls, in 1893

An ironwood, 18 ins. diam., bears S. 65° W., 121.3 lks. dist., with illegible scribe marks visible on a partially healed blaze.

and the bearing tree marked in 1957

An ironwood, 5 ins. diam., bears S. 11° W., 1.03 chs. dist., with illegible scribing on an open blaze. (Record, S. 70° W.)

Add the marks YIR 1980 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

S. 89°06' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 29 only.

40.29 The ¼ sec. cor. of sec. 29 only, monumented with an iron post, 2½ ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 resurvey record, from which a bearing tree marked in 1957

An ironwood, 6 ins. diam., bears W. 61° W., 41.5 lks. dist., with illegible scribing on an open blaze. (Record, N. 64 1/40 W.)

Add the marks YIR 1980 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

S. 89°23' W., beginning new measurement.

40.39 The cor. of secs. 29 and 30 only, monumented with an iron post, 2½ ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 resurvey record, from which the bearing tree marked by F. S. Ingalls, in 1893

An ironwood, 17 ins. diam., bears N. 61° W., 64.5 lks. dist., with illegible scribe marks visible on a partially healed blaze.

and the bearing tree marked in 1957

An ironwood, 15 ins. diam., bears S. 23½° E., 1.45 chs. dist., with illegible scribing on a partially healed blaze.

Add the marks YIR 1980 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

DEPENDENT RESURVEY OF THE N Bdy. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF Tps. 15 S., Rs. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	
40.70	<p>N. 88°54' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 30 only.</p> <p>The $\frac{1}{2}$ sec. cor. of sec. 30 only, monumented with an iron post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>S. 89°27' W., beginning new measurement.</p>
40.08	<p>The cor. of secs. 19, 24, 25 and 30, Tps. 15 S., Rs. 22 and 23 E., monumented with an iron post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>
42.83	<p>Thence in T. 15 S., R. 22 E.</p> <p>S. 89°55' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 25 only.</p> <p>The $\frac{1}{2}$ sec. cor. of secs. 24 and 25, established by F. S. Ingalls, in 1893, monumented with an old mound of stone, 3 ft. diam., 12 ins. high, at the bottom of which was found a deposit of obsidian.</p> <p>This cor. now refers to sec. 25 only.</p> <p>There is no evidence of the monument established by J. La Croze in 1856.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. in the ground, and rebuild the mound of stone, 3 ft. diam., around the iron post, to top, with brass cap mkd.</p> <p style="text-align: center;">T15S R22E + E25 YIR 1980</p> <p>Charcoal is left beneath the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located on the top of a low spur, slopes S. 30° E.</p> <p>S. 88°58' W., beginning new measurement.</p>

11

DEPENDENT RESURVEY OF THE N Bdy. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TPS. 15 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS
38.73

Point for the cor. of secs. 25 and 26 only,
at proportionate dist. in departure and record dist.
in latitude; there is no evidence of the monuments
established by J. La Croze, in 1856, or by F. S.
Ingalls, in 1895.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

T15S R22E

526|525

YIR

1980

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. S of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located in a large dry wash, 30 chs. wide,
drains S. 45° E.

From this point the ¼ sec. cor. of secs. 25 and 26,
established by F. S. Ingalls, in 1895, bears
S. 2°44' E., 40.05 chs. dist., monumented with a
weathered redwood post, 4 ins. square, firmly set,
projecting 10 ins. above the ground, with illegible
scribing on the E and W faces.

There is no evidence of the monument established by
J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

T15S R22E

↓

526|525

1980

Bury the redwood post along the N side of the iron post.

N. 89°21' W., on the N bdy. of the Yuma Indian
Reservation, along the N bdy. of sec. 26.

38.72 The ¼ sec. cor. of secs. 25 and 26, established by F. S.
Ingalls, in 1895, monumented with a weathered redwood
post, 4 ins. square, firmly set at the center of a col-
lar of stone, 2 ft. diam., projecting 10 ins. above the
ground, with illegible scribing on the E and W faces.

This cor. now refers to sec. 26 only.

There is no evidence of the monument established by
J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins.
in the ground, and rebuild the collar of stone, 2½ ft.
diam., around the iron post, with brass cap mkd.

T15S R22E

↓ 526

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TFS. 15 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

	CHAINS	<p>Bury the redwood post along the S side of the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located on the top of a low plateau, in flat, broken desert land.</p>
40.12		<p>N. 89°17' W., beginning new measurement.</p> <p>The cor. of secs. 22, 23, 26 and 27, established by F. S. Ingalls, in 1893, monumented with a redwood post, 4 ins. square, firmly set, projecting 12 ins. above the ground, with illegible scribing on the E face, from which the bearing tree marked by F. S. Ingalls, in 1895</p> <p>An ironwood, 8 ins. diam., bears S. 66° W., 22 lks. dist., with illegible scribing visible on a nearly healed blaze. (Record: S. 52° W.)</p> <p>This cor. now refers to secs. 26 and 27 only.</p> <p>There is no evidence of the monument established by J. La Croze, in 1856.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T15S R22E ----- S27 S26 YIR 1980</p> <p>Bury the redwood post along the S side of the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located in flat desert land, 10 lks. N of a dry wash, drains S. 70° E.</p>
40.14		<p>S. 89°31' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 27.</p> <p>The ¼ sec. cor. of sec. 22 and 27, established by F. S. Ingalls, in 1893, monumented with a quart of charcoal, 24 ins. beneath the ground, with 2 shallow pits found, one 4 ft. east and one 4 ft. west of the cor., and the 1895 witness mound, a mound of earth, 3 ft. diam., 8 ins. high, bears North, 5 lks. dist.</p> <p>This cor. now refers to sec. 27 only.</p> <p>There is no evidence of the monument established by J. La Croze, in 1856.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p>

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DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF T₁S. 15 S., R₃. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	T15S R22E
	<p>† S27 Y1R 1980</p>
	<p>Charcoal is left in place, beneath the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located in open, flat desert land.</p>
	<p>S. 88°43' W., beginning new measurement.</p>
39.94	<p>Point for cor. of secs. 27 and 28 only, at proportionate dist. in departure and record dist. in latitude; there is no evidence of the monuments established by J. La Croze in 1856, or by F. S. Ingalls, in 1895.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p>
	<p>T15S R22E S28 S27 Y1R 1980</p>
	<p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>
	<p>Cor. is located in the center of a large dry wash, 25 chs. wide, drains S. 45° E.</p>
	<p>From this point the ¼ sec. cor. of secs. 33 and 34, as established by F. S. Ingalls, in 1895, bears S. 0°29' E., 120 chs. dist., monumented with a weathered mesquite post, 4 ins square, loosely set, projecting 12 ins. above the ground.</p>
	<p>There is no evidence of the monument established by J. La Croze, in 1856.</p>
	<p>At the corner point</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, encircled with a collar of stone, 2 ft. diam., with brass cap mkd.</p>
	<p>T15S R22E † S33 S34 1980</p>
	<p>Bury the mesquite post along the S side of the iron post.</p>
	<p>The control line was fully retraced, and no evidence of the intervening cors. was found.</p>
	<p>N. 38°31' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 28.</p>
39.90	<p>The ¼ sec. cor. of secs. 21 and 28, as established by F. S. Ingalls, in 1895, monumented with a weathered</p>

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TPS. 15 S., RS. 21, 22 AND 23 E.,
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CHAPTER

14 ins. above the ground, with scribe marks $\frac{1}{2}$ S visible on the N face.

This cor. now refers to sec. 28 only.

There is no evidence of the monument established by J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T15S R22E

 $\frac{1}{2}$ S28

Y1R

1980

Bury the redwood post along the S side of the iron post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located 50 lks. W of the top of a side spur, slopes S.

N. $57^{\circ}53'$ W., beginning new measurement.

- 40.71 The cor. of secs. 20, 21, 28 and 29, as established by F. S. Ingalls, in 1895, monumented with an old mound of stone, $2\frac{1}{2}$ ft. diam., 10 ins. high, upon which was lying a badly decayed redwood post, 4 ins. square, 2 ft. long.

This cor. now refers to secs. 28 and 29 only.

There is no evidence of the monument established by J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, and rebuild the mound of stone, 3 ft. diam., around the iron post, to top, with brass cap mkd.

T15S R22E

 $\frac{1}{2}$ S28

Y1R

1980

Bury the redwood post along the S side of the iron post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located in open, flat desert land.

S. $88^{\circ}19'$ W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 29.

- 39.29 The $\frac{1}{2}$ sec. cor. of secs. 20 and 29, as established by F. S. Ingalls, in 1895, monumented with a weathered redwood post, 3 ins. square, firmly set, projecting 8 ins. above the ground, with illegible scribing on the N

15

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TPS. 15 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAIRS

This cor. now refers to sec. 29 only.

There is no evidence of the monument established by
J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{4}$ ins. diam., 20 ins.
in the ground, with brass cap mkd.

T155 R22E

$\frac{1}{2}$ S29

YIK

1980

Bury the redwood post along the S side of the iron post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5
lks. S of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located in open, flat desert land.

S. 89°54' W., beginning new measurement.

40.24 The cor. of secs. 19, 20, 29 and 30, established by
F. S. Ingalls, in 1895, monumented with a weathered
redwood post, 3 ins. square, firmly set, projecting 10
ins. above the ground, with illegible scribing on the N,
S, E and W faces, and with 2 notches on the S face and 5
notches on the E face.

This cor. now refers to secs. 29 and 30 only.

There is no evidence of the monument established by
J. La Croze, in 1856.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{4}$ ins. diam., 20 ins.
in the ground, and in a mound of stone, $3\frac{1}{2}$ ft. base, to
top, with brass cap mkd.

T155 R22E

S30|S29

YIK

1980

Bury the redwood post along the S side of the iron post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5
lks. S of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located in scattered mesquite brush, in rolling
desert hills.

N. 89°39' W., on the N bdy. of the Yuma Indian
Reservation, along the N bdy. of sec. 30.

40.29 Point for the $\frac{1}{2}$ sec. cor. of sec. 30 only, at
proportionate dist.; there is no evidence of the
monuments established by J. La Croze, in 1856, or by
F. S. Ingalls, in 1895.

DEPENDENT RESURVEY OF THE N BDY. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF Tps. 15 S., Rs. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
	T15S R22E
	$\frac{1}{2} S30$ YIR 1980
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	Cor. is located in a small, dry wash, 20 lks. wide, drains S. 60° E.
79.75	The cor. of secs. 19, 24, 25 and 30, Tps. 15 S., Rs. 21 and 22 E., as established by F. S. Ingalls, in 1895, monumented with a badly weathered redwood post, 6 x 4 ins., loosely set, projecting 12 ins. above the ground, with illegible scribing on the N, S, E and W faces, and with 2 faint notches on the S face and 4 faint notches on the N face.
	This cor. now refers to secs. 25 and 30 only.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	$\frac{S25}{R21E R22E}$ T15S YIR 1980
	Bury the redwood post along the S side of the iron post.
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. S of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	Cor. is located on rolling desert floor.
	From this cor. point the cor. of secs. 19, 24, 25 and 30, Tps. 15 S., Rs. 21 and 22 E., established by C. H. Poole, in 1855, bears N. 10°54' E., 2.68 chs. dist., monumented with a scattered and sunken mound of stone, 3 ft. diam., surrounded by a trench, 5 ft. diam.
	Thence in T. 15 S., R. 21 E.
	S. 89°46' W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 25.
40.26	The ½ sec. cor. of secs. 24 and 25, established by F. S. Ingalls, in 1895, monumented with a quart of charcoal, 24 ins. beneath the ground, with 2 shallow pits found, one 4 ft. east and one ½ ft. west of the cor., and the 1895 witness mound, a mound of earth, 3 ft. diam., 8 ins. high, bears North, 3 lks. dist.
	This cor. now refers to sec. 25 only.

DEPENDENT RESURVEY OF THE N. E. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
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CHAINS

At the corner point

Set an aluminum post, 28 ins. long, 2½ ins. diam., 22
ins. in the ground, encircled with a collar of stone, 2½
ft. diam., with aluminum cap mkd.

T155 R21E

± S25
YIR
1980

Charcoal is left in place, beneath the aluminum post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5
lks. S of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located on rolling desert floor.

From this point the ¼ sec. cor. of secs. 24 and 25,
established by J. La Croze, in 1856, and rehabilitated
by L. P. Lewis, in 1957, bears N. 49°15' W., 1.72 chs.
dist., monumented with an iron post, 2½ ins. diam.,
firmly set at the center of a collar of stone, 3 ft.
diam., projecting 6 ins. above the ground, with brass
cap mkd. as described in the 1957 resurvey record.

S. 89°40' W., beginning new measurement

40.27

The cor. of secs. 23, 24, 25 and 26, established by F.
S. Ingalls, in 1895, monumented with a weathered redwood
post, 4 ins. square, firmly set, projecting 10 ins.
above the center of a mound of earth, 3 ft. diam., 8
ins. high, with the 1895 witness mound, a mound of
earth, 3 ft. diam., 8 ins. high, bears North, 5 lks.
dist., and from which the bearing tree marked by F. S.
Ingalls, in 1895

An ironwood, 13 ins. diam., bears N. 37° E., 87
lks. dist., with illegible scribing on an open
blaze. (Record: N. 36° E., 90 lks. dist.)

This cor. now refers to secs. 25 and 26 only.

At the corner point

Set an aluminum post, 28 ins. long, 2½ ins. diam., 20
ins. in the ground, and rebuild the mound of earth, 3
ft. diam., around the aluminum post, to top, with
aluminum cap mkd.

T155 R21E

S26|S25
YIR
1980

Bury the redwood post along the S side of the aluminum
post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5
lks. S of the aluminum post, with a metal poster
attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located at the E edge of the Cargo Muchacho
Mountains; edge bears N. 40° E. and S. 40° W.

DEPENDENT RESURVEY OF THE N Bdy. OF THE YUMA INDIAN
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CHADNR

established by J. La Croze, in 1856, and rehabilitated by L. P. Lewis, in 1957, bears N. $36^{\circ}22'$ W., 2.42 chs. dist., monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, 3 ft. diam., 10 ins. high, with brass cap mkd. as described in the 1957 resurvey record.

S. $89^{\circ}48'$ W., on the N bdy. of the Yuma Indian Reservation, along the N bdy. of sec. 26.

39.60 The $\frac{1}{4}$ sec. cor. of secs. 23 and 26, as established by F. S. Ingalls, in 1895, monumented with a mound of stone, 3 ft. diam., 10 ins. high, lying along the W side of which was found a weathered redwood post, 4 ins. square, 24 ins. long; no discernable scribing was found on the post.

This cor. now refers to sec. 26 only.

There is no evidence of the monument established by J. La Croze, in 1856.

At the corner point

Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and rebuild the mound of stone, $4\frac{1}{2}$ ft. diam., around the aluminum post, to top, with aluminum cap mkd.

T155 R21E

$\frac{1}{4}$ S26
YIR
1980

Bury the redwood post along the S side of the aluminum post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 3 lks. S of the aluminum post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located on a steep, rocky S slope.

S. $88^{\circ}04'$ W., beginning new measurement.

38.06 The NW cor. of the Yuma Indian Reservation, identical with the cor. of secs. 22, 23, 26 and 27, established by F.S. Ingalls, in 1895, monumented with a weathered redwood post, 4 ins. square, firmly set, projecting 10 ins. above the center of a mound of stone, $2\frac{1}{2}$ ft. diam., 10 ins. high, with very faint and illegible scribing on the N, S, E and W faces.

This cor. now refers to sec. 26 only.

At the corner point

Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and rebuild the mound of stone, 4 ft. diam., around the aluminum post, to top, with aluminum cap mkd.

T155 R21E

S26
YIR
1980

DEPENDENT RESURVEY OF THE N ECT. OF THE YUMA INDIAN
RESERVATION, IDENTICAL WITH A PORTION OF THE
SUBDIVISIONAL LINES OF TPS. 15 S., RS. 21, 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS

Bury the redwood post along the S side of the aluminum post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. SE of the aluminum post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located on a gradual, rocky NE slope, 75 lks. E of a dry ravine, 5 lks. wide, drains N.

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TPS. 15 AND 16 S., R. 21 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

Reestablishment of the Surveys Executed by
C. H. Poole, Deputy Surveyor, in 1855
J. La Croze, Deputy Surveyor, in 1856
and the Surveys and Resurveys Executed by
F. S. Ingalls, Deputy Surveyor, in 1895
and the Resurveys Executed by
J. L. Warboys, Cadastral Engineer, in 1932

From the NW cor. of the Yuma Indian Reservation, here-
inbefore described.

S. $3^{\circ}30'$ W., on the W bdy. of the Yuma Indian
Reservation, along the W bdy. of sec. 26.

40.76 The $\frac{1}{2}$ sec. cor. of secs. 26 and 27, monumented with a
granite stone, $36 \times 18 \times 18$ ins., firmly set at the cen-
ter of a scattered mound of stone, $3\frac{1}{2}$ ft. diam., 10 ins.
high, mkd. $\frac{1}{2}$ on the W face.

This cor. now refers to sec. 26 only.

At the corner point

Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 10
ins. in the ground, and rebuild the mound of stone, 4
ft. diam., around the aluminum post, to top, with
aluminum cap mkd.

T155 R218

$\frac{1}{2}$ S26
YIR
1980

Bury the mkd. stone along the E side of the aluminum
post.

Set a 6 ft. metal fence post, 2 ft. in the ground, 5
lks. E of the aluminum post, with a metal poster
attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located on the top of a low side spur, slopes
S. 63° W.

S. $0^{\circ}36'$ E., beginning new measurement.

38.80 The cor. of secs. 26, 27, 34 and 35, monumented with a
mound of earth, 3 ft. diam., 8 ins. high, 12 ins.
beneath which was found a deposit of charcoal, and
found pits, $18 \times 18 \times 4$ ins. deep, one in each of the

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
T₁S. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	<p>four quadrants, 6 ft. dist.</p> <p>This cor. now refers to secs. 26 and 35 only.</p> <p>At the corner point</p> <p>Set an aluminum post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and rebuild the mound of earth, with collar of stone, 3 ft. diam., around the aluminum post, to top, with aluminum cap mkd.</p> <p style="text-align: center;">T15S R21E</p> <div style="text-align: center;"> 326 YIR 535 1980 </div> <p>Charcoal is left in place, beneath the aluminum post.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the aluminum post, with a metal sign attached which reads "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>From this point the witness cor. to secs. 34 and 35, established by J. La Croze, in 1856, bears S. 13°26' W., 25.10 chs. dist., monumented with a mound of stone, 2½ ft. diam., 18 ins. high.</p> <p>This witness cor. now becomes a witness point and refers to sec. 34 only.</p> <p>At the witness point</p> <p>Set an aluminum post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and rebuild the mound of stone, 3 ft. diam., around the aluminum post, to top, with aluminum cap mkd.</p> <p style="text-align: center;">T15S R21E</p> <div style="text-align: center;"> WP 534 1980 </div>
40.26	<p>S. 1°21' E., on the W bdy. of the Yuma Indian Reservation, along the W bdy. of sec. 35 only.</p> <p>The ¼ sec. cor. of sec. 35 only, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>From this point the ¼ sec. cor. of secs. 34 and 35, as established by J. La Croze, in 1856, bears N. 83°26' W., 6.28 chs. dist., monumented with a mound of stone, 2½ ft. diam., 10 ins. high.</p> <p>This cor. now refers to sec. 34 only.</p> <p>At the corner point</p> <p>Set an aluminum post, 28 ins. long, 2½ ins. diam., 20</p>

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TPS. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	
	<p>ins. in the ground, and rebuild the mound of stone, 3 ft. diam., around the aluminum post, to top, with aluminum cap mkd.</p> <p style="text-align: center;">T153 R21E + 534 1980</p> <hr/> <p>S. 0°05' E., beginning new measurement.</p>
39.71	<p>The closing cor. of secs. 34 and 37, Tps. 15 and 16 S., R. 21 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>From this point the cor. of secs. 3, 34 and 37 only, Tps. 15 and 16 S., of R. 21 E., bears S. 89°31' W., 6.11 obs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Thence continuing same measurement, bet. secs. 35 and 37.</p>
40.19	<p>The cor. of secs. 2 and 35 only, Tps. 15 and 16 S., R. 21 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <hr/> <p>Thence in T. 16 S., R. 21 E.</p> <p>S. 0°47' E., on the W bdy. of the Yuma Indian Reservation, bet. secs. 2 and 37.</p>
42.03	<p>The $\frac{1}{2}$ sec. cor. of sec. 37 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>From this point the $\frac{1}{2}$ sec. cor. of secs. 3 and 37 bears N. 89°48' W., 5.62 obs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Thence, continuing same measurement.</p>
42.85	<p>The $\frac{1}{2}$ sec. cor. of sec. 2 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached</p>

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TPS. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	S. 0°37' E., beginning new measurement.
38.62	<p>The closing cor. of secs. 37 and 38, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>From this point the cor. of secs. 3, 10, 37 and 38, bears S. 89°50' W., 5.09 chs. dist., monumented with an iron post, 2 ins. diam., from which the brass cap has been removed, firmly set, projecting 10 ins. above the ground, otherwise as described in the 1932 resurvey record.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T16S R21E S3 S37 S10 S38 1980</p> <p>Bury the 1932 iron post along the N side of the 1980 iron post.</p> <p>Thence, continuing same measurement, bet. secs. 2 and 38.</p>
40.26	<p>The cor. of secs. 2 and 38 only, monumented with an iron post, 2 ins. diam., firmly set, 10 ins. of which are exposed and bent 90° where it exits the ground, with a badly scarred brass cap mkd. as described in the 1932 resurvey record.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T16S R21E Y S38 S2 I S11 R</p> <p style="text-align: center;">1980</p> <p>Bury the 1932 iron post along the N side of the 1980 iron post.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located on rolling desert floor.</p>
38.91	<p>S. 0°01' W., on the W. bdy. of the Yuma Indian Reservation, bet. secs. 37 and 38.</p> <p>The ¼ sec. cor. of sec. 38 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932</p>

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TPE. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	resurvey record.								
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".								
	From this point the $\frac{1}{2}$ sec. cor. of secs. 10 and 38, bears N. $89^{\circ}46'$ W., 5.63 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.								
	Thence, continuing same measurement.								
40.25	The $\frac{1}{2}$ sec. cor. of sec. 11 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.								
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".								
	S. $0^{\circ}04'$ E., beginning new measurement.								
37.25	The closing cor. of secs. 38 and 39, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.								
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".								
	From this point the cor. of secs. 10, 15, 38 and 39 bears N. $89^{\circ}55'$ W., 3.37 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.								
	Thence continuing same measurement, bet. secs. 11 and 39.								
40.11	The cor. of secs. 11 and 14 only, monumented with an iron post, 2 ins. diam., firmly set, 10 ins. of which are exposed and bent 90° where it exits the ground, with a badly scarred brass cap mkd. as described in the 1932 resurvey record. Remove the iron post and destroy the brass cap.								
	At the corner point								
	Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with aluminum cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T16S R21E</td><td>Y</td></tr> <tr> <td>S39</td><td>$\frac{S11}{S14}$</td></tr> <tr> <td></td><td>I</td></tr> <tr> <td></td><td>R</td></tr> </table>	T16S R21E	Y	S39	$\frac{S11}{S14}$		I		R
T16S R21E	Y								
S39	$\frac{S11}{S14}$								
	I								
	R								
	1980								
	Eury the 1932 iron post along the N side of the 1980 iron post.								
	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".								

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
T₁S. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERCIDIAN, CALIFORNIA

CHAINS

- S. 0°04' W., on the W bdy. of the Yuma Indian Reservation, bet. secs. 14 and 39.
- 38.45 The $\frac{1}{2}$ sec. cor. of sec. 39 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.
- Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- From this point the $\frac{1}{2}$ sec. cor. of secs. 15 and 39, bears N. 88°49' W., 3.81 chs. dist., monumented with the 1932 iron post, 1 in. diam., from which the brass cap has been removed, firmly set, projecting 10 ins. above the ground, otherwise as described in the 1932 resurvey record.
- At the corner point
- Set an aluminum post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with aluminum cap mkd.
- T16S R21E
:
S15|S39
1930
- Bury the 1932 iron post along the N side of the aluminum post.
- Thence, continuing same measurement.
- 40.22 The $\frac{1}{2}$ sec. cor. of sec. 14 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.
- Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- South, beginning new measurement.
- 39.63 The closing cor. of secs. 39 and 40, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.
- Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- From this point the cor. of secs. 15, 22, 39 and 40, bears N. 89°56' W., 4.24 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.
- Thence, continuing same measurement, bet. secs. 14 and 40.
- 40.12 The cor. of secs. 14 and 23 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
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CHAINS	Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	S. 0°16' E., on the W bdy. of the Yuma Indian Reservation, bet. secs. 23 and 40.
40.36	The $\frac{1}{2}$ sec. cor. of sec. 23 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record. Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". S. 0°03' W., beginning new measurement.
1.90	The $\frac{1}{2}$ sec. cor. of sec. 40 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record. Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". From this point the $\frac{1}{2}$ sec. cor. of secs. 22 and 40, bears N. 89°57' W., 6.45 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record. Thence, continuing same measurement.
40.00	The cor. of secs. 23 and 26 only, monumented with an iron post, 2 ins. diam., firmly set, in a upright position, 10 ins. beneath the ground, with badly corroded brass cap mkd. as described in the 1932 resurvey record. At the cor. point and over the 1932 monument, set an aluminum post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of earth, 3 $\frac{1}{2}$ ft. base, to top, with aluminum cap mkd. T169 R21E S40 S23 Y S26 I R 1980 Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the aluminum post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". Cor. is located in a large dry wash, 30 chs. wide, drains S. 45° E. S. 0°01' E., on the W bdy. of the Yuma Indian Reservation, bet. secs. 26 and 40.
7.17	The closing cor. of secs. 27 and 40, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground with brass cap mkd. as described in the 1932 resurvey record.

DEPARTMENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TIPS. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	<p>From this point the cor. of secs. 22 and 40 only, bears N. 89°34' W., 4.77 obs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Thence, continuing same measurement, bet. secs. 26 and 27.</p>
39.95	<p>The $\frac{1}{2}$ sec. cor. of sec. 26 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>S. "13" E., beginning new measurement.</p>
9.39	<p>The $\frac{1}{2}$ sec. cor. of sec. 27 only, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above the center of a mound of stone, $3\frac{1}{2}$ ft. diam., 30 ins. high, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Thence, continuing same measurement.</p>
39.02	<p>The cor. of secs. 26 and 35 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the center of a mound of stone, $4\frac{1}{2}$ ft. diam., 32 ins. high, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal sign attached stating reads "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>S. 0°11' E., on the W bdy. of the Yuma Indian Reservation, bet. secs. 27 and 35.</p>
10.21	<p>The closer cor. of secs. 27 and 34, monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above the center of a mound of stone, $3\frac{1}{2}$ ft. diam., 18 ins. high, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Thence, continuing same measurement, bet. secs. 34 and 35.</p>
39.13	<p>The $\frac{1}{2}$ sec. cor. of sec. 35 only, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above the center of a mound of stone, $2\frac{1}{2}$ ft. diam., 10 ins. high, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>

DEPENDENT RESURVEY OF
THE WEST BOUNDARY OF THE YUMA INDIAN RESERVATION
IDENTICAL WITH A PORTION OF THE SUBDIVISIONAL LINES OF
TPS. 15 AND 16 S., R. 21 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

CLAIMS	S. 0°17' W., beginning new measurement.
11.05	<p>The $\frac{1}{2}$ sec. cor. of sec. 34 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Thence, continuing same measurement.</p>
32.80	<p>The closing cor. of the W bdy. of Public Reserve through sec. 34, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1932 resurvey record.</p> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Thence, continuing same measurement.</p>
33.72	The closing cor. of secs. 34 and 35, on the S bdy. of the Tp., hereinbefore described.
<p>DEPENDENT RESURVEY OF THE SECTION LINE BETWEEN SECTIONS 2 AND 3, T. 16 S., R. 23 E., SAN BERNARDINO MERIDIAN, CALIFORNIA</p> <p>Reestablishment of the Survey Executed by V. S. Ingalls, Deputy Surveyor, in 1895 and the Resurveys Executed by R. M. Priest, Chief of Party-U.S.R.S., in 1908 and F. A. Brooks, Cadastral Surveyor, in 1960-61</p>	
43.10	<p>From the cor. of secs. 2, 3, 34 and 35, Tps. 15 and 16 S., R. 23 E., monumented with an iron post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>S. 2°19' E., bet. secs. 2 and 3.</p> <p>The $\frac{1}{2}$ sec. cor. of secs. 2 and 3, monumented with an iron post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>S. 0°13' E., beginning new measurement, on record bearing, bet. secs. 2 and 3.</p>
4.65	<p>Point for the new meander cor. of fractional secs. 2 and 3, on the present right bank of the Colorado River, bears N. 35°22' E. and S. 24°45' W.</p> <p>Set an iron post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a mound of earth, 2$\frac{1}{2}$ ft. base, to top, with brass cap mkd.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SECTION LINE
BETWEEN SECTIONS 2 AND 3, T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAIR

T16S R23E

YIR

S3 / S2

MC

1979

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. W of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

- 6.03 Point for the 1960-61 meander cor. of secs. 2 and 3, at
record bearing and dist. falls in the present channel of
the Colorado River, course SW.

DEPENDENT RESURVEY OF A PORTION OF
THE SECTION LINE BETWEEN SECTIONS 22 AND 27,
T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

Reestablishment of the Survey Executed by
D. E. Averill, Cadastral Engineer, in 1949
and the Resurvey Executed by
F. A. Brooks, Cadastral Surveyor, in 1960-61

From the 1 sec. cor. of secs. 22 and 27, monumented with
an iron post, 2 ins. diam., firmly set, flush with the
ground, with brass cap mkd. as described in the 1949
resurvey record.

S. 89°57' E., on record bearing, bet. secs. 22 and 27.

- 19.70 Point for the cor. of fractional secs. 22 and 27, iden-
tical with Angle Point No. 9, at record dist., on the
right bank of the 1920 abandoned channel of the Colorado
River, falls in farm access road, 20 lks. wide, bears
N. 26° E. and S. 26° W.; there is no evidence of the
1949 iron post.

Set an iron post, 26 ins. long, 2½ ins. diam., 4 ins.
below surface of road, with brass cap mkd.

T16S

S22

S27 / AP9

R23E

1980

EXTENSION SURVEY OF THE SECTION LINE BETWEEN
SECTIONS 14 AND 15, T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

Extension Survey, Section Line
Between Sections 14 and 15

From the 1960-61 meander cor. of secs. 14 and 15, mon-
umented with an iron post, 2½ ins. diam., firmly set,
projecting 4 ins. above the ground, with brass cap mkd.
as described in the 1960-61, and 1977 resurvey record.

EXTENSION SURVEY OF THE SECTION LINE BETWEEN
SECTIONS 14 AND 15, T. 16 N., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

- CHAINS
- From this point the cor. of secs. 14, 15, 22 and 23, bears S. 0°21' E., 30.22 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1960-61, and 1977 resurvey records.
- N. 0°21' W., bet. secs. 14 and 15, on the prolongation of the 1977 record bearing.
- 9.73 Point for the 1/4 sec. cor. of secs. 14 and 15, at proportionate dist. in latitude bet. the meander cor. of secs. 10 and 15, hereinafter described, and the cor. of secs. 14, 15, 22 and 23 hereinbefore described.
- Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a mound of earth and stone, 2½ ft. base, to top, with brass cap mkd.
- T16S R23E
1/4
S13|S14
1980
- From this point the center ¼ sec. cor. of sec. 15, bears S. 89°41' W., 39.99 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, 18 ins. below the surface of the ground, with brass cap mkd. as described in the 1977 resurvey record.
- 24.89 Point for the new meander cor. of secs. 14 and 15, on the present right bank of the Colorado River, bears S. 19°37' E. and N. 22°33' W.
- Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
- T16S R23E
T1R
1979
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

SURVEY OF THE PARTITION LINE IN SECTION 14,
T. 16 N., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

From Angle Point No. 1 of the 1949 traverse of low water mark of right bank of the 1920 abandoned channel of the Colorado River, being the point of departure from the 1949 survey of the meanders of the right bank of the Colorado River. This point is monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.

Add the mark T1R 1979 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

SURVEY OF THE PARTITION LINE IN SECTION 14,
T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	<p>N. 78°10' E., on the partition line, normal to the thread of the present channel of the Colorado River, over accreted land.</p>
4.565	<p>Point for the special meander cor. of sec. 14, on the present right bank of the Colorado River, bears S. 11°50' E. and N. 11°50' W.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mtd.</p> <div style="text-align: center;"> <p>T16S R23E Y1R S14</p> <p>SMC</p> <p>1980</p> </div> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 3 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>
<p style="text-align: center;">MEANDERS OF A PORTION OF THE RIGHT BANK OF THE COLORADO RIVER IN SECTIONS 2, 3, 10, 14 AND 15, T. 16 S., R. 23 E., SAN BERNARDINO MERIDIAN, CALIFORNIA</p>	
	<p>From the meander cor. of secs. 2 and 35, Tps. 15 and 16 S., R. 23 E., monumented with an iron post, 2½ ins. diam. firmly set and marked as described in the 1979 resurvey record, surveyed under this same assignment.</p>
	<p>Thence in sec. 2, downstream.</p>
	<p>S. 31°21' W., 20.44 chs.</p>
	<p>S. 46°18' W., 18.41 chs.</p>
	<p>S. 53°39' W., 10.97 chs.</p>
	<p>S. 43°36' W., 10.49 chs.</p>
	<p>S. 35°22' W., 4.28 chs.</p> <p style="text-align: right;">At end of course the meander cor. of secs. 2 and 3, hereinbefore described.</p>
	<p>Thence, continuing in sec. 3.</p>
	<p>S. 24°45' W., 15.50 chs.</p>
	<p>S. 15°00' W., 10.00 chs.</p>
	<p>S. 4°39' W., 10.66 chs.</p> <p style="text-align: right;">At end of course the meander cor. of secs. 3 and 10, on the present right bank of the Colorado River, monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mtd. as described in the 1960-61 resurvey record.</p>

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MEANDERS OF A PORTION OF THE RIGHT BANK OF THE
COLORADO RIVER IN SECTIONS 2, 3, 10, 14 AND 15,
T. 16 S., R. 23 E., SAN BERNARDINO MERIDIAN, CALIFORNIA

-MAINS

Add the marks YIR 1979 to
the brass cap.

Set a 6 ft. fiberglass
fence post, 2 ft. in the
ground, 3 lks. W of the
iron post, with a metal
poster attached stating
"YUMA INDIAN RESERVATION
BOUNDARY".

Thence, continuing in sec. 10.

S. 19°00' W., 18.00 chs.

S. 6°00' W., 7.50 chs.

S. 5°20' E., 56.47 chs.

At end of course the
meander cor. of secs. 10
and 15, on the present
right bank of the
Colorado River, monu-
mented with an iron post,
2 ins. diam., firmly set,
projecting 4 ins. above
the ground, with brass
cap mkd. as described in
the 1949 resurvey record.

Add the marks YIR 1979 to
the brass cap.

Set a 6 ft. fiberglass
fence post, 2 lks. W of
the iron post, with a
metal poster attached
stating "YUMA INDIAN
RESERVATION BOUNDARY".

Thence, continuing in sec. 15.

S. 22°33' E., 26.87 chs.

At end of course
new meander cor. of secs.
14 and 15, hereinbefore
described.

Thence, continuing in sec. 14.

S. 19°37' E., 15.63 chs.

S. 15°30' E., 14.60 chs.

S. 11°50' E., 13.10 chs.

At end of course the
special meander cor. of
sec. 14, hereinbefore
described.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

Reestablishment of the Surveys Executed by
J. L. Warboys, Cadastral Engineer, in 1932
and D. R. Averill, Cadastral Engineer, in 1949
and the Resurveys Executed by
F. A. Brooks, Cadastral Surveyor, in 1960-61
and William S. Ross, Cadastral Surveyor, in 1977

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAIINE	<p>From Angle Point No. 1 of the 1949 traverse of the ordinary low water mark of the right bank of the 1920 abandoned channel of the Colorado River, being the point of departure from the 1949 survey of the meanders of the right bank of the Colorado River; hereinbefore described.</p>
Thence in sec. 14	S. 3°28' E., on line 1-2.
12.58	<p>Angle Point No. 2, identical with the cor. of fractional secs. 14 and 23, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p>
Add the marks YIR 1979 to the brass cap.	<p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>
Thence in sec. 23.	S. 6°06' W., on line 2-3.
9.49	<p>Angle Point No. 3, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p>
Add the marks YIR 1979 to the brass cap.	<p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p>
<p>From this point, Angle Point No. 21 of the Compact Boundary between Arizona and California, bears S. 81°26' W., 48.73 chs. dist., monumented with an iron post, established by L. S. Mana, Cadastral Surveyor, in 1964, 2½ ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd.</p>	
from which	
<p>An iron post, set by U.S.C. & G.S., in 1964, 2½ ins. diam., firmly set, projecting 2 ins. above the ground, for a reference mark, bears N. 21° E., 1.02 chs. dist., with brass cap mkd. CAL-ARIZ PT NO 21 NO 1 1964 and an arrow pointing to the cor.</p>	
<p>An iron post, set by U.S.C. & G.S., in 1964, 2½ ins. diam., firmly set, projecting 2 ins. above the ground, for a reference mark, bears S. 20½° E., 1.04 chs. dist., with brass cap mkd. CAL-ARIZ PT NO 21 NO 2 1964 and an arrow pointing to the cor.</p>	
S. 13°57' W., on line 3-4.	

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAIN
17.895

Angle Point No. 4, monumented with an iron post, 2½ ins. diam., firmly set, in an upright position, lying beneath 36 ins. of blow sand, with brass cap mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1979 to the brass cap.

At the cor. point and over the 1960 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S
YIR S23 / AP4
R23E
1979

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

NOTE: The previous course crosses the California and Arizona Compact Boundary.

S. 17°07' W., on line 4-5.

8.375 Angle Point No. 5, identical with the cor. of fractional secs. 22 and 23, monumented with an iron post, 2 ins. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1979 to the brass cap.

At the cor. point and over the 1960 monument, set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T16S R23E
YIR
S22 / S23
AP5
1979

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Thence in sec. 22

S. 19°09' W., on line 5-6.

5.675 The ¼ sec. cor. of fractional sec. 22 only, monumented with an iron post, 2½ ins. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1979 to the brass cap.

At the cor. point, and over the 1960 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

¼ S22
YIR
T16S
R23E

1979

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 1 lk. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	Thence, continuing same measurement.
15.94	Angle Point No. 6, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record.
	Add the marks YIR 1979 to the brass cap.
	At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> YIR T16S S22 R23E 1979 </div> <div style="position: absolute; left: 680px; top: 390px;">AP6</div>
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	Cor. is located 45 lks. N of an unimproved dirt road, 15 lks. wide, bears N. 74° E. and S. 74° W.
	S. 23°50' W., on line 6-7.
18.015	Angle Point No. 7, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record.
	Add the marks YIR 1979 to the brass cap.
	At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> YIR T16S S22 R23E 1979 </div> <div style="position: absolute; left: 680px; top: 650px;">AP7</div>
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	S. 32°59' W., on line 7-8.
10.99	Angle Point No. 8, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
	Add the marks YIR 1979 to the brass cap.
	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
	S. 21°00' W., on line 8-9.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHADWY
5.18

The cor. of fractional secs. 22 and 27, identical with Angle Point No. 9, hereinbefore described.

Thence in sec. 27.

S. 46°00' W., on line 9-10.

- 11.00 Angle Point No. 10, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1979 to the brass cap.

At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

YIR
T16S
S27 AP 10
R23E
1979

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 2 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

S. 57°49' W., on line 10-11.

- 7.01 Angle Point No. 11, approximately 15 ft. below the surface of an active sand dune, slopes SE. This point was determined by soundings with a magnetic locator.

At the cor. point, drive a galvanized water pipe, 10 ft. long, 1½ ins. diam., 9½ ft. in the sand and place an iron post, 28 ins. long, 2½ ins. diam., over the top, leaving 6 ins. exposed, with brass cap mkd.

T16S R23E
YIR
S27
AP 11
1980

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 3 lks. W of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located 3.00 chs. W of a dirt road, 75 lks. wide, bears N. 16° E. and S. 16° W.

S. 32°43' W., on line 11-12.

- 6.49 Angle Point No. 12, approximately 10 ft. below the top of an active sand dune. This point was determined by soundings with a magnetic locator.

At the cor. point, drive a galvanized water pipe, 10 ft. long, 1½ ins. diam., 9½ ft. in the sand and place an iron post, 28 ins. long, 2½ ins. diam., over the top, leaving 6 ins. exposed, with brass cap mkd.

T16S R23E
YIR
S27
AP 12

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAIRES	
	<p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. W. of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located 4.00 chs. W of a dirt road, 75 lks. wide, bears N. 16° E. and S. 16° W.</p> <p>S. 50°10' W., on line 12-13.</p>
20.98	<p>Angle Point No. 13, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located 9.50 chs. W of a dirt road, 75 lks. wide, bears N. 16° E. and S. 16° W.</p> <p>S. 53°06' W., on line 13-14.</p>
11.96	<p>Point for Angle Point No. 14, at proportionate dist.; there is no evidence of the 1949 iron post.</p> <p>Drive a galvanized water pipe, 6 ft. long, 1½ ins. diam., 5½ ft. in the sand and place an iron post, 28 ins. long, 2½ ins. diam., over the top, leaving 6 ins. exposed, with brass cap mkd.</p> <div style="text-align: center;"> <p>T16S R23E</p> <p>YIR</p> <p>S27</p> <p>AP 14</p> </div> <p>1980</p>
	<p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>S. 71°37' W., on line 14-15.</p>
17.47	<p>The cor. of fractional secs. 27 and 28, identical with Angle Point No. 15, monumented with an iron post, 2½ ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 Accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the N side of the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Thence in sec. 28,</p> <p>S. 77°37' W., on line 15-16.</p>

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DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MEXICAN, CALIFORNIA/ARIZONA

CHAINS

6.03

Point for Angle Point No. 16, at proportionate dist.;
there is no evidence of the 1960 iron post.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

T16S R23E

YIR

S28

AP 16

1980

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. N of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

S. 59°45' W., on line 16-17.

10.06

Angle Point No. 17, monumented with an iron post, 2½
ins. diam., firmly set in concrete, in an upright posi-
tion, lying beneath 24 ins. of blow sand, with brass cap
mkd. as described in the 1960-61 resurvey record.

Add the marks YIR to the brass cap.

The 1960-61 accessory, a rotting redwood post, 4 ins.
square, projecting 12 ins. above the ground, is firmly
set along the E side of the iron post.

At the cor. point, and over the 1960 monument, set an
iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the
ground, with brass cap mkd.

T16S R23E

YIR

S28

AP 17

1980

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. N of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

S. 76°11' W., on line 17-18.

13.97

Angle Point No. 18, monumented with an iron post, 2½
ins. diam., firmly set in concrete, in an upright posi-
tion, lying beneath 24 ins. of blow sand, with brass cap
mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1980 to the brass cap.

The 1960-61 accessory, a redwood post, 4 ins. square, is
buried in a horizontal position along the E side of the
iron post.

At the cor. point, and over the 1960 monument, set an
iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the
ground, with brass cap mkd.

T16S R23E

YIR

S28

AP 18

1060

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS	Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". N. 84°50' W., on line 18-19.
12.03	Angle Point No. 19, monumented with an iron post, 2½ ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1960-61 resurvey record. Add the marks YIR 1980 to the brass cap. Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". N. 39°51' W., on line 19-20.
9.05	Angle Point No. 20, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a rotting redwood post, 4 ins. square, projecting 6 ins. above the ground, is firmly set along the E side of the iron post. Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". N. 4°52' W., on line 20-21.
11.00	Angle Point No. 21, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a redwood post, 4 ins. square, projecting 3 ft. above the ground, is firmly set along the N side of the iron post. Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY". N. 10°11' E., on line 21-22.
13.00	Angle Point No. 22, monumented with an iron post, 2 ins. diam., firmly set in concrete, in an upright position, lying beneath 2½ ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record. Add the marks YIR 1980 to the brass cap. At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S R23E
S28
AP 22
YIR
1980

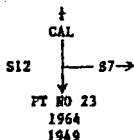
DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
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CRANES

- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- N. 0°06' E., on line 22-23.
- 15.98 Angle Point No. 23, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the W side of the iron post.
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- N. 17°04' E., on line 23-24.
- 6.64 The cor. of fractional secs. 21 and 28, identical with Angle Point No. 24, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- From this point the $\frac{1}{2}$ sec. cor. of secs. 21 and 28, bears S. 89°24' E., 2.19 chs. dist., monumented with an iron post, 2 $\frac{1}{2}$ ins. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.
- Thence in sec. 21.
- N. 47°32' E., on line 24-25.
- 22.98 Angle Point No. 25, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".
- From this point, Bdy. Point No. 23 of the Compact Boundary between Arizona and California, originally established by D. R. Averill, Cadastral Engineer in 1949, as the $\frac{1}{2}$ sec. cor. of secs. 7 and 12, on the W bdy. of T. 8 S., R. 22 W., GCSRM, Ariz., bears N. 82°27' W., 55.48 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.

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CHAINS



The marks CAL ARIZ PT NO 23 1964 and the arrows were added to the brass cap by L. S. Mann, Cadastral Surveyor, in 1964, from which U.S.C & G.S. reference monuments

A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 2 ins. above the ground, bears N. $0^{\circ}24'$ E., 2.012 chs. dist., mkd. GLO $\frac{1}{2}$ S7 S12 NO 1 1964 and an arrow pointing to the cor.

A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 2 ins. above the ground, bears S. $0^{\circ}07'$ E., 3.164 chs. dist., mkd. GLO $\frac{1}{2}$ S7 S12 NO 2 1964 and an arrow pointing to the cor.

N. $43^{\circ}02'$ E., on line 25-26.

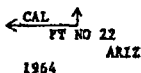
- 23.02 Angle Point No. 25, monumented with an iron post, 2 ins. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1980 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located 1.50 chs. N of a dirt road, 75 lks. wide, bears E and W.

From this point Bdy. Point No. 22 of the Compact Boundary between Arizona and California, established by L. S. Mann, Cadastral Surveyor, in 1964, bears S. $80^{\circ}05'$ E., 48.79 chs. dist., monumented with an iron post, 2 $\frac{1}{2}$ ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd.



from which U.S.C. & G.S. reference monuments

A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 4 ins. above the ground, bears N. $0^{\circ}24'$ E., 49.2 lks. dist., mkd. CAL ARIZ PT NO 22 NO 1 1964 and an arrow pointing to the cor.

A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 2 ins. above the ground, bears S. $86^{\circ}58'$ E., 44.6 lks. dist., mkd. CAL ARIZ PT NO 22 NO 2 1964 and an arrow pointing to the cor.

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CHAINS

Note: The previous course crosses the
Arizona/California Compact Boundary Line.

N. 31°02' E., on line 26-27.

- 18.39 The cor. of fractional secs. 21 and 22, identical with
Angle Point No. 27, monumented with an iron post, 3 ins.
diam., firmly set in concrete, projecting 2 ins. above
the ground, with brass cap mkd. as described in the 1949
resurvey record.

Add the marks YIR 1980 to the brass cap.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. E of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Thence in sec. 22.

N. 23°24' E., on line 27-28.

- 11.96 Angle Point No. 28, monumented with an iron post, 1 in.
diam., firmly set in concrete, projecting 2 ins. above
the ground, with brass cap mkd. as described in the 1949
resurvey record.

Add the marks YIR 1980 to the brass cap.

The 1960-61 accessory, a redwood post, 4 ins. square,
projecting 5 ft. above the ground, is firmly set along
the W side of the iron post.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. E of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

N. 13°44' E., on line 28-29.

- 12.99 Angle Point No. 29, monumented with the 1960 iron post,
2½ ins. diam., from which the brass cap has been re-
moved, firmly set, flush with the ground, otherwise as
described in the 1960-61 resurvey record.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

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R23E
YIR
S22
1980

Bury the 1960 iron post along the E side of the 1980
iron post.

Set a 6 ft. fiberglass fence post, 2 ft. in the ground,
5 lks. E of the iron post, with a metal poster attached
stating "YUMA INDIAN RESERVATION BOUNDARY".

Cor. is located 1.00 ch. W of a dirt road, 25 lks. wide,
bears N. 14° E. and S. 6° W.

N. 14°51' E., on line 29-30.

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CHAINS 8.64	<p>The cor. of fractional secs. 15 and 22, identical with Angle Point No. 30, monumented with an iron post, 3 ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 and 1977 resurvey records.</p> <p>Add the marks YLE 1980 to the brass cap.</p> <p>The 1977 accessory, a railroad iron, projecting 2 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>Cor. is located 27 lks. W of a dirt road, 16 lks. wide, bears N. 6° E. and S. 15° W.</p> <p>Thence in sec. 15.</p> <p>N. 8°23' W., on line 30-31.</p>
8.03	<p>Angle Point No. 31, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the W side of the iron post.</p> <p>Cor. is located 1.50 chs. W of a dirt road, 16 lks. wide, bears N. 10° E. and S. 10° W.</p> <p>N. 12°57' E., on line 31-32.</p>
8.48	<p>Angle Point No. 32, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located 20 lks. W of a farm access road, 30 lks. wide, bears S. 5° E. and N. 5° W.</p> <p>N. 2°33' W., on line 32-33.</p>
13.99	<p>Angle Point No. 33, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the W side of the iron post.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located in dense brush, 25 lks. W of an old river bank, bears South and N. 10° W.</p>

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CHAINS	
8.98	<p>Angle Point No. 34, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 and 1977 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1977 accessory, a railroad iron, projecting 2 ft. above the ground, is firmly set along the N side of the iron post.</p> <p>Cor. is located 4 chs. W of a dirt road, 24 lks. wide, bears S. 70° E. and N. 65° W.</p> <p>N. 11°02' E., on line 34-35.</p>
0.985	<p>The $\frac{1}{2}$ sec. cor. of fractional sec. 15 only, monumented with an iron post, 2 ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 and 1977 resurvey records.</p> <p>Thence, continuing same measurement.</p>
2.215	<p>Angle Point No. 35, identical with Angle Point No. 16, Lot 22, sec. 15, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Set a 6 ft. fiberglass fence post, 2 ft. in the ground, 5 lks. E of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>N. 62°42' W., on line 35-36</p>
10.10	<p>The cor. of fractional secs. 15 and 16, identical with Angle Point No. 36, Angle Point No. 15, Lot 22, sec. 15 and Angle Point No. 9, Lot 22, sec. 16, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 3 ft. above the ground, is firmly set 4 lks. NE of the iron post.</p> <p>Thence in sec. 16.</p> <p>N. 49°33' W., on line 36-37.</p>
8.00	<p>Angle Point No. 37, identical with Angle Point No. 8, Lot 22, sec. 16, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1977 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located in dense brush, on a steep embankment, 50 lks. S of a dirt road, 25 lks. wide, bears S. 40° E. and N. 40° W.</p> <p>N. 43°06' W., on line 37-38.</p>

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CHAINS	
6.00	<p>Point for Angle Point No. 38, at proportionate dist., is occupied by an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap marked for Angle Point No. 7, Lot 22, sec. 16, as described in the 1977 resurvey record; there is no evidence of the 1949 iron post.</p> <p>Alter the marks on the brass cap to</p> <div data-bbox="560 587 698 709"> </div> <p>Set a 6 ft. metal fence post, 2 ft. in the ground, 5 lks. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".</p> <p>Cor. is located 1.00 ch. W of a dirt road, 25 lks. wide, bears S. 30° E. and N. 20° W.</p> <p>N. 54°37' W., on line 38-39.</p>
8.00	<p>Angle Point No. 39, monumented with an iron post, 1½ ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>N. 66°51' W., on line 39-40.</p>
9.98	<p>Angle Point No. 40, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located 1.50 chs. S of a dirt road, 20 lks. wide, bears S. 65° E. and N. 70° W.</p> <p>N. 76°09' W., on line 40-41.</p>
6.48	<p>Angle Point No. 41, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located 1.00 ch. S of a dirt road, 20 lks. wide, bears S. 80° E. and N. 80° W.</p> <p>N. 88°56' W., on line 41-42.</p>
8.01	<p>Angle Point No. 42, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p>

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CHAINS	Add the marks YIR 1980 to the brass cap.
	The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the W side of the iron post.
	N. 82°23' W., on line 42-43.
7.05	Point for Angle Point No. 43, at proportionate dist.; there is no evidence of the 1949 iron post.
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T16S R23E YIR S16 <u>AP 43</u> 1980
	Cor. is located 1.00 ch. S of a dirt road, 12 lks. wide, bears S. 85° E. and West.
	N. 86°57' W., on line 43-44.
16.93	Angle Point No. 44, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.
	Add the marks YIR 1980 to the brass cap.
	N. 85°04' W., on line 44-45.
10.01	Angle Point No. 45, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record.
	Add the marks YIR 1980 to the brass cap.
	The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the S side of the iron post.
	At the cor. point, and over the 1949 monument, set an aluminum post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with aluminum cap mkd.
	T16S R23E YIR S16 <u>AP 45</u> 1980
	N. 89°44' W., on line 45-46.
6.00	The cor. of fractional secs. 16 and 17, identical with Angle Point No. 46, monumented with an iron post, 2½ ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1960-61 resurvey record.
	Add the marks YIR 1980 to the brass cap.
	Thence in sec. 17.
	N. 82°06' W., on line 46-47.

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CHAINS	
15.00	<p>Angle Point No. 47, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the S side of the iron post.</p> <p>Cor. is located in flat, sparsely vegetated, sandy low-land.</p> <p>N. 78°00' W., on line 47-48.</p>
15.00	<p>Angle Point No. 48, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the SW side of the iron post.</p> <p>Cor. is located on level ground, in scattered brush.</p> <p>N. 57°25' W., on line 48-49.</p>
12.43	<p>The cor. of fractional secs. 8 and 17, identical with Angle Point No. 49, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located on level ground, in scattered brush.</p> <p>Thence in sec. 8.</p> <p>N. 54°07' W., on line 49-50.</p>
8.00	<p>Angle Point No. 50, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>An unrecorded redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the SW side of the iron post.</p> <p>Cor. is located 1.00 ch. E of a dirt driveway, bears S. 47° E. and E. 47° W.</p> <p>N. 10°59' W., on line 50-51.</p>
5.50	<p>Angle Point No. 51, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located 40 lks. S of a dirt road, 20 lks. wide, bears S. 34° E. and N. 80° W.</p>

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CHAINS

- N. 69°09' W., on line 51-52.
- 10.96 Angle Point No. 52, identical with Angle Point No. 15, Lot 21, sec. 8, monumented with an iron post, 2½ ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1977 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- Cor. is located 95 lks. E of a gravel road, 25 lks. wide, bears N. 44° E. and S. 55° W.
- S. 69°12' W., on line 52-53.
- 19.00 Angle Point No. 53, identical with Angle Point No. 14, Lot 21, sec. 8, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set, 1½ lks. NW of the iron post.
- Cor. is located 50 lks. S of a dirt road, 30 lks. wide, bears N. 62° E. and S. 62° W.
- S. 62°35' W., on line 53-54.
- 5.60 The cor. of fractional secs. 7 and 8, identical with Angle Point No. 54, Angle Point No. 6, Lot 9, sec. 7, and Angle Point No. 13, Lot 21, sec. 8, monumented with an iron post, 3 ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1977 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1977 accessory, a railroad iron, projecting 3 ft. above the ground, is firmly set, 1½ lks. NE of the iron post.
- Cor. is located 50 lks. S of a dirt road, 30 lks. wide, bears N. 66° E. and S. 66° W.
- Thence in sec. 7.
- S. 54°08' W., on line 54-55.
- 8.68 The cor. of fractional secs. 7 and 18, identical with Angle Point No. 55, Angle Point No. 1, Lot 25, sec. 18, and Angle Point No. 5, Lot 9, sec. 7, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.
- Cor. is located 60 lks. S of a dirt road, 25 lks. wide, bears N. 42° E. and S. 42° W.

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CHAINS	
	Thence in sec. 18. S. 41°55' W., on line 55-56.
8.01	Angle Point No. 56, identical with Angle Point No. 13, Lot 25, sec. 18, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the W side of the iron post. Cor. is located 50 lks. E of a dirt road, 30 lks. wide, bears N. 30° E. and S. 30° W. S. 31°59' W., on line 56-57.
7.99	Angle Point No. 57, identical with Angle Point No. 12, Lot 25, sec. 18, monumented with an iron post, 1 in. diam., firmly set, flush with the ground, with brass cap mkd. as described in the 1977 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the NW side of the iron post. Cor. is located 60 lks. E of a dirt road, 30 lks. wide, bears N. 40° E. and S. 40° W. S. 20°33' W., on line 57-58.
8.00	Angle Point No. 58, identical with Angle Point No. 11, Lot 25, sec. 18, monumented with an iron post, 1 in. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1977 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the E side of the iron post. Cor. is located 1.00 ch. S of a dirt road, 25 lks. wide, bears N. 21° E. and S. 21° W. S. 12°14' W., on line 58-59.
12.00	Angle Point No. 59, identical with Angle Point No. 10, Lot 25, sec. 18, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record. Add the marks YIR 1980 to the brass cap. The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the W side of the iron post. Cor. is located 1.00 ch. E of a dirt road, 25 lks. wide, bears N. 15° E. and S. 15° W. S. 15°46' W., on line 59-60.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS

- 8.11 The $\frac{1}{2}$ sec. cor. of fractional sec. 18 only, identical with Angle Point No. 60, Angle Point No. 9, Lot 23, sec. 18, and Angle Point No. 1, Lot 28, sec. 18, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1977 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1950-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.
- S. $23^{\circ}55'$ W., on line 60-61
- 11.98 Point for Angle Point No. 61, at proportionate dist.; there is no evidence of the 1960 iron post.
- Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
- T16S R23E
YIR
S18 AP
61
1980
- Cor. is located in dense brush, 2.00 chs. N of a dirt road, 25 lks. wide, bears S. 46° E. and N. 84° W.
- S. $19^{\circ}56'$ W., on line 61-62.
- 9.00 Angle Point No. 62, monumented with an iron post, 1 in. diam. firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
- Add the marks YIR 1980 to the brass cap.
- The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the W side of the iron post.
- Cor. is located in dense brush.
- S. $10^{\circ}00'$ W., on line 62-63.
- 12.00 Angle Point No. 63, monumented with the 1949 iron post, 1 in. diam., from which the brass cap has been removed, firmly set in concrete, in an upright position, lying beneath 10 ins. of hard earth, otherwise as described in the 1949 resurvey record.
- At the cor. point, and over the 1949 iron post, set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, placing the top 10 ins. of the 1949 monument inside the surface monument, and in a mound of earth, 3 ft. base, to top, with brass cap mkd.
- T16S R23E
YIR
S18 AP
63
1980
- Cor. is located 40 lks. S of a dirt road, 45 lks. wide, bears East and S. 58° W.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS

S. $12^{\circ}27'$ W., on line 63-64.

- 8.68 The cor. of fractional secs. 18 and 19, identical with Angle Point No. 64, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of earth, with brass cap mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1980 to the brass cap.

At the cor. point and over the 1960 monument, set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S
S18
S19
R23E
1980

AP 64

Cor. is located 50 lks. E of the intersection of dirt roads, both roads are 50 lks. wide, roads bear N, S, and W.

Thence in sec. 19.

S. $4^{\circ}05'$ W., on line 64-65.

- 9.02 Angle Point No. 65, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 22 ins. of blow sand, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1980 to the brass cap.

At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T16S R23E
YIR
S19 AP
65
1980

Cor. is located 44 lks. E of a dirt road, 40 lks. wide, bears N. 5° E. and S. 5° W.

S. $12^{\circ}23'$ W., on line 65-66.

- 12.00 Angle Point No. 66, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.

Add the marks YIR 1980 to the brass cap.

The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the N side of the iron post.

Cor. is located 1.50 chs. W of a dirt road, 40 lks. wide, bears N and S.

S. $0^{\circ}06'$ E., on line 66-67.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1/4" RIGHT BANK OF THE ABANDONED CHANNEL OF THE
GRADY RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS 15.01	<p>Angle Point No. 67, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1977 accessory, a railroad iron, projecting 4 ft. above the ground, is firmly set along the W side of the iron post.</p> <p>Cor. is located 45 lks. W of a dirt road, 40 lks. wide, bears N and S.</p> <p>S. 4°04' W., on line 67-68.</p>
4.46	<p>The 1/4 sec. cor. of fractional sec. 19 only, identical with Angle Point No. 68, monumented with an iron post, 2 1/2 ins. diam., firmly set, 16 ins. below the surface of a dirt road, 40 lks. wide, bears S. 80° E. and West, and in the center of a concrete tile, 6 ins. diam., with a concrete cap, the top of which is 2 ins. below the surface of the road, with brass cap mkd. as described in the 1977 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap, from which the 1977 reference monuments</p> <p>An iron post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 35° W., 54.7 lks. dist., with brass cap mkd. T16S R23E 1/4 S19 RM 36.1 FT 1977 and an arrow pointing to the cor.; with a railroad iron, protruding 2 ft. from the ground, 3 lks. S of reference monument.</p> <p>An iron post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 51 1/2° W., 67.6 lks. dist., with brass cap mkd. T16S R23E 1/4 S19 RM 44.6 FT 1977 and an arrow pointing to the cor.; with a railroad iron protruding 2 ft. from the ground, 2 lks. NW of reference monument.</p> <p>S. 0°03' W., on line 68-69.</p>
22.00	<p>Angle Point No. 69, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>Cor. is located 12 lks. E of a fence cor., bears N and W.</p> <p>S. 3°56' E., on line 69-70.</p>
14.01	<p>Angle Point No. 70, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set along the E side of the iron post.</p>

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAINS	
	S. 40°35' W., on line 70-71.
5.50	<p>The cor. of fractional secs. 19 and 30, identical with Angle Point No. 71, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1977 accessory, a railroad iron, projecting 3 ft. above the ground, is firmly set 2 lks. E of the iron post.</p> <p>Thence in sec. 30.</p> <p>S. 22°20' E., on line 71-72.</p>
12.05	<p>Angle Point No. 72, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>S. 23°06' E., on line 72-73.</p>
14.76	<p>Angle Point No. 73, monumented with an iron post, 1 in. diam., firmly set in concrete, in an upright position, lying beneath 24 ins. of earth, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>At the cor. point and over the 1949 monument, set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T165 R23E YIR S30 AP 73</p> <p>1980</p> </div> <p>S. 12°11' E., on line 73-74.</p>
5.99	<p>Angle Point No. 74, monumented with an iron post, 1 in. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>S. 19°57' E., on line 74-75.</p>

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHADWICK
10.23

The $\frac{1}{2}$ sec. cor. of fractional sec. 30 only, identical with Angle Point No. 75, monumented with an iron post, 3 ins. diam., firmly set in concrete, in an upright position, lying beneath 48 ins. of earth, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1980 to the brass cap.

At the cor. point, and over the 1949 monument, set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S R23E
Y $\frac{1}{2}$ S30
I
R AP 73

1980

Cor. is located 1.50 chs. E of a dirt road, 25 lks. wide, bears S. 24° E. and N. 39° W.

S. 25°27' E., on line 75-76.

- 11.50 Angle Point No. 76, monumented with an iron post, 1 in. diam., firmly set, in an upright position, lying beneath 24 ins. of earth, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1980 to the brass cap.

The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.

At the cor. point and over the 1949 monument, set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T16S R23E
S30
YIR
AP 76
1980

Cor. is located 2.00 chs. E of a dirt road, 35 lks. wide, bears S. 17° E. and N. 17° W.

From this point Bdy. Point No. 26 of the Compact Boundary between Arizona and California, originally established by D. R. Averill, Cadastral Engineer, in 1949, as the $\frac{1}{2}$ sec. cor. of secs. 13 and 14, T. 8 S., R. 23 E., G&SN, Ariz., bears S. 74°09' E., 23.625 chs. dist. L. S. Mann, Cadastral Surveyor, in 1964, remonumented this point with an iron post, $2\frac{1}{2}$ ins. diam., firmly set in concrete, 12 ins. beneath the surface of a dirt road, 35 lks. wide, bears E and W, with brass cap mkd.

↑
CAL
← S14 ——— S13
PT NO 26
ARIZ

1964
YIR
1949

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

	CHADDS	from which U.S.C. & C.S. reference monuments
		<p>A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 4 ins. above the ground, bears S. 40°06' W., 1,585 chs. dist., mkd. $\frac{1}{2}$ S13 S14 NO 1 BLM 1964 104.6 FT and an arrow pointing to the cor. The marks 104.6 FT were added to the disk by W. S. Ross, Cadastral Surveyor, in 1977.</p> <p>A brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., projecting 4 ins. above the ground, bears S. 37°46' W., 91.5 lks. dist., mkd. $\frac{1}{2}$ S13 S14 NO 2 BLM 1964 60.7 FT and an arrow pointing to the cor. W. S. Ross, Cadastral Surveyor, found this monument lying loose on the ground, moved it to its present position and added the marks 60.7 FT to the disk during the 1977 dependent resurvey.</p> <p>S. 32°01' E., on line 76-77.</p>
11.01		<p>Angle Point No. 77, monumented with an iron post, 2 ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the E side of the iron post.</p> <p>NOTE: The previous course crosses the Arizona-California Compact Bdy.</p> <p>S. 39°59' E., on line 77-78.</p>
10.49		<p>Angle Point No. 78, monumented with an iron post, 2 ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>Cor. is located 1.00 ch. E of a dirt road, 20 lks. wide, bears S. 40° E. and N. 40° W.</p> <p>S. 43°18' E., on line 78-79.</p>
5.03		<p>Angle Point No. 79, monumented with an iron post, 2$\frac{1}{2}$ ins. diam., firmly set in concrete, flush with the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>The 1960-61 accessory, a redwood post, 4 ins. square, projecting 4 ft. above the ground, is firmly set along the NW side of the iron post.</p> <p>Cor is located 1.00 ch. E of a dirt road, 20 lks. wide, bears S. 26° E. and N. 32° W.</p> <p>S. 28°46' E., on line 79-80.</p>
9.78		<p>The cor. of fractional secs. 30 and 31, identical with Angle Point No. 80, monumented with an iron post, 3 ins. diam., firmly set in concrete, flush with the ground,</p>

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA/ARIZONA

CHAIRES

with brass cap mkd., as described in the 1949 resurvey record.

The marks 1977 were added to the brass cap by W. S. Ross, Cadastral Surveyor, during the 1977 dependent resurvey, portion of subdivisional lines, T. 16 S., R. 23 E.

Add the marks YIR 1980 to the brass cap.

The 1977 accessory, a railroad iron, projecting 3 ft. above the ground, is firmly set along the E side of the iron post.

Cor. is located 20 lks. E of a dirt road, 20 lks. wide, bears N. 10° E. and S. 5° W.

Thence in sec. 31.

S. 33°03' E., on the last course of the fixed and limiting boundary of the right bank of the 1920 abandoned channel of the Colorado River.

28.53 The meander cor. of fractional sec. 31 only, on the 1920 and present right bank of the Colorado River, monumented with an iron post, 3 ins. diam., firmly set in concrete, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record, from which a 1949 accessory

An iron post, 1 in. diam., firmly set, flush with the ground, for a reference monument, bears N. 35° W., 1.03 chs. dist., with brass cap mkd. T16S R23E RM S31 1949 and an arrow pointing to the cor. (Record: N. 33° W., 1.00 ch. dist)

MEANDERS OF THE RIGHT BANK OF THE COLORADO RIVER, ALONG
A PORTION OF THE S BDY. OF SEC. 31, T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

From the meander cor. of fractional sec. 31 only, being the point of termination of the right bank of the 1920 abandoned channel of the Colorado River, hereinbefore described.

Thence in sec. 31, downstream.

N. 88°28' W., 4.41 chs.

West, 1.00 ch.

N. 84°00' W., 4.00 chs.

S. 84°00' W., 4.00 chs.

S. 88°00' W., 4.00 chs.

N. 83°00' W., 5.00 chs.

N. 86°00' W., 4.20 chs.

N. 79°25' W., 9.52 chs.

At end of course, the auxiliary meander cor. on the present right bank of the Colorado River, bears

MEANDERS OF THE RIGHT BANK OF THE COLORADO RIVER, ALONG A
PORTION OF THE S BDY. OF SEC. 31, T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

CHADDS	<p>S. 79°25' E. and N. 79°25' W., and at the point of departure from the right bank of the 1954 abandoned channel of the Colorado River, mon- umented with an iron post, 2½ ins. diam., firmly set in concrete, in an upright position, 24 ins. beneath the ground, with brass cap mkd. as described in the 1960-61 resurvey record.</p> <p>Add the marks YIR 1980 to the brass cap.</p> <p>At the cor. point, and over the 1961 monument, set an aluminum post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T16S R23E YIR S31 AMC 1980</p>
	<p>DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE COLORADO RIVER IN T16S. 16 S., RS. 22 AND 23 E., SAN BERNARDINO MERIDIAN, ARIZONA</p>
	<p>Reestablishment of the Survey Executed by D. R. Averill, Cadastral Engineer, in 1949 and the Resurvey Executed by F. A. Brooks, Cadastral Surveyor, in 1960-61</p>
	<p>From the auxiliary meander cor. on the S bdy. of sec. 31, at the point of departure of the present right bank from the 1954 right bank, hereinbefore described.</p>
	<p>Thence in sec. 31.</p>
	<p>N. 82°04' W., over the present main channel of the river.</p>
6.00	<p>Point for Angle Point No. 5, at proportionate dist., falls in river and is not monumented.</p>
	<p>S. 80°56' W., on line 9-8.</p>
7.00	<p>Point for Angle Point No. 8, at proportionate dist., falls in river and is not monumented.</p>
	<p>S. 78°56' W., on line 8-7.</p>
4.70	<p>Point for Angle Point No. 7, at proportionate dist., falls in river and is not monumented.</p>
	<p>S. 67°57' W., on line 7-6.</p>

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN TPS. 16 S., RS. 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

CHAINS	
7.01	Point for Angle Point No. 6, at proportionate dist., falls in river and is not monumented.
	S. 57°57' W., on line 6-5.
4.00	Point for Angle Point No. 5, at proportionate dist., falls in river and is not monumented.
	S. 46°57' W., on a portion of line 5-4.
1.60	The auxiliary meander cor. on the 1954 right bank of the Colorado River, identical with the present left bank, under normal water conditions, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, flush with the ground, and under 1 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
	The bearing of the present left bank could not be obtained due to flood waters.
	Thence, beginning new measurement.
	S. 47°07' W., continuing on line 5-4.
9.40	Angle Point No. 4, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, flush with the ground, and under 1 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
	S. 48°59' W., on line 4-3.
4.99	Angle Point No. 3, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, projecting 2 ins. above the ground, and under 1½ ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
	S. 73°07' W., on line 3-2.
5.01	Angle Point No. 2, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, flush with the ground, and under 1½ ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
	S. 76°54' W., on line 2-1.
5.00	Angle Point No. 1, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
	S. 75°12' W., on line 1.
8.50	The meander cor. of secs. 31 and 36, Tps. 16 S., Rs. 22 and 23 E., on the right bank of the 1954 abandoned channel of the Colorado River, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN TPS. 16 S., RS. 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA


CHAINS	<p>Reestablishment of the Survey Executed by D. R. Averill, Cadastral Engineer, in 1949 and the Resurvey Executed by R. D. Snider, Cadastral Surveyor, in 1960-61</p>
	<p>Thence in sec. 36, T. 16 S., R. 22 E.</p> <p>S. 69°53' W., over flooded land and through dense brush.</p>
1.20	<p>Point for Angle Point No. 1, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>S. 50°32' W., on line 1-2.</p>
5.98	<p>Angle Point No. 2, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks TIR 1980 to the brass cap.</p> <p>S. 10°01' W., on line 2-3.</p>
4.98	<p>Point for Angle Point No. 3, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>S. 52°04' W., on line 3-4.</p>
10.98	<p>Point for Angle Point No. 4, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>N. 89°02' W., on line 4-5.</p>
5.00	<p>Point for Angle Point No. 5, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>N. 62°07' W., on line 5-6.</p>
3.99	<p>Point for Angle Point No. 6, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>N. 50°07' W., on line 6-7.</p>
11.98	<p>Point for Angle Point No. 7, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>N. 30°05' W., on line 7-8.</p>
6.98	<p>Point for Angle Point No. 8, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p> <p>N. 33°06' W., on line 8-9.</p>
13.96	<p>Point for Angle Point No. 9, at proportionate dist., falls in 2 ft. of flood water and is not monumented; there is no evidence of the 1960-61 redwood cor. post.</p>

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN TPS. 16 S., RS. 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

CHAINS

- N. 40°06' W., on line 9-10.
- 4.99 Angle Point No. 10, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
- N. 32°01' W., on line 10-11.
- 9.20 The auxiliary meander cor. on the 1954 right bank of the Colorado River, identical with the present left bank under normal water conditions, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
- Thence, continuing on line 10-11, over the present main channel of the Colorado River.
- N. 32°01' W., on line 10-11, beginning new measurement.
- 9.73 The auxiliary meander cor. on the 1954 right bank of the Colorado River, identical with the present right bank under normal water conditions, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 12 ins. beneath the ground, and under 2 ft. of flood water, it is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
- Thence, continuing on line 10-11.
- N. 32°01' W., on line 10-11, beginning new measurement.
- 5.01 Angle Point No. 11, monumented with the 1961 iron post, 2½ ins. diam., with brass cap, firmly set, in an upright position, 6 ins. beneath the ground, and under 2 ft. of flood water. It is impractical to verify the markings or to add the marks YIR 1980 to the brass cap.
- N. 62°00' W., on line 11-12.
- 4.99 Point for Angle Point No. 12, at proportionate dist., falls in 2 ft. of flood water and is not monumented.
- N. 69°59' W., on line 12-13
- 5.00 Point for Angle Point No. 13, at proportionate dist., falls in 2 ft. of flood water and is not monumented.
- S. 45°10' W., on line 13-14.
- 4.99 Point for Angle Point No. 14, at proportionate dist., falls in 2 ft. of flood water and is not monumented.
- S. 49°10' W., on line 14-15.
- 2.99 Point for Angle Point No. 15, at proportionate dist., falls in 2 ft. of flood water and is not monumented.
- S. 47°10' W., on line 15-16.

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN TPS. 16 S., RS. 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

CHAIN#	
3.72	<p>Point for Angle Point No. 16, established from record ties made in 1949 and 1961: at the center line of the Southern Pacific Railroad bridge, bearing South, and the S face of the N bridge abutment, bears North, 37 lks. dist. This angle point falls on a steep, rocky outcrop beneath the bridge and is not monumented.</p> <p>N. 87°45' W., on last course of the fixed boundary</p>
1.885	<p>The true point for the meander cor. of secs. 35 and 36, on the present right bank of the Colorado River, falls on the S sloping face of a very steep and rocky gorge.</p> <p>From this point the witness cor. meander cor. of secs. 35 and 36, bears N. 0°01' W., 62 lks. dist., monumented with a brass tablet, 3½ ins. diam., firmly seated in the top of a rock and concrete wall, 9 ins. wide, 12 ins. high, bounding the S margin of a narrow mesa, mkd. as described in the 1949 resurvey record.</p> <p>From the same point U.S.C. & G.S. triangulation station "MISSION 1964", bears N. 0°01' W., 78 lks. dist., a brass disk, 3 ins. diam., firmly seated in a concrete cylinder, 12 ins. diam., flush with the ground, mkd. MISSION 1964.</p> <p>From this same point Angle Point No. 31 of the Compact Boundary between Arizona and California, established by L. S. Mann, Cadastral Surveyor, in 1964, bears N. 0°01' W., 5.52 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, flush with the surface of an asphalt surfaced road, abandoned, 30 lks. wide, bears NW and SE, with brass cap mkd.</p> <p>CAL</p> <p>PT EO 31</p>  <p>1964</p> <p>The U.S.C. & G.S. reference monuments for Angle Point No. 31 have been destroyed.</p>
<p>MEANDERS OF THE RIGHT BANK OF THE COLORADO RIVER IN SECTIONS 26 and 31, T. 16 S., R. 22 E., SAN BERNARDINO MERIDIAN, CALIFORNIA</p>	
<p>From the true point for the meander cor. of secs. 35 and 36, T. 16 S., R. 22 E., being the point of termination of the right bank of the 1954 abandoned channel of the Colorado River, hereinbefore described:</p> <p>Thence in sec. 35, downstream.</p> <p>S. 89°31' W., 12.15 chs.</p> <p>N. 78°31' W., 29.27 chs.</p> <p>N. 82°39' W., 22.33 chs.</p> <p>N. 69°36' W., 5.93 chs.</p> <p>At end of course, point for the meander cor. of</p>	

MEANDERS OF THE RIGHT BANK OF THE COLORADO RIVER
IN SECTIONS 26 AND 35, T. 16 S., R. 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS

secs. 26 and 35, there is no evidence of the original cor. Point not remonumented.

From this point the cor. of secs. 25, 26, 35 and 36, bears East, 68.58 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record; there is no evidence of the intervening $\frac{1}{2}$ sec. cor.

Thence in sec. 26.

N. 69°56' W., 12.89 chs.

At end of course, the meander cor. of secs. 26 and 27, on the present right bank, monumented with -- iron post, 2 ins. diam., firmly set, flush with the ground, with brass cap mkd. as described in the 1949 resurvey record.

Add the marks YIR 1980 to the brass cap.

INFORMATIVE TRAVERSE OF THE RIGHT BANK OF THE COLORADO RIVER IN SECTION 27, T. 16 S., R. 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

The following traverse of the present right bank of the Colorado River is given herein for informational purposes only.

From the meander cor. of secs. 26 and 27, T. 16 S., R. 22 E., thence downstream with the traverse of the right bank, in sec. 27.

N. 80°28' W., 14.59 chs.

N. 82°57' W., 19.06 chs.

N. 83°19' W., 27.71 chs.

At end of course, the true point for the special meander cor. on the W 1/16 line of sec. 27, falls on steep embankment, unsuitable for monumentation.

From this point the witness cor. special meander cor. of sec. 27 bears N. 0°28' W., 30 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd.

INFORMATIVE TRAVERSE OF THE RIGHT BANK OF THE COLORADO
RIVER IN SECTION 27, T. 16 S., R. 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS

T16S R22E

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W

S 27

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1960

MEANDERS OF THE PRESENT RIGHT BANK OF THE COLORADO RIVER
IN PORTIONS OF TPS. 16 S., RS. 21 AND 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

From the true point for the special meander cor. on the
W 1/16 line of sec. 27, T. 16 S., R. 22 E., thence
downstream with the meanders of the right bank in sec.
27.

N. 82°04' W., 19.94 chs.

At end of course, the
meander cor. of secs. 27
and 28, on the present
right bank, locally mon-
umented with an unmarked
iron pipe, 1 in. diam.,
firmly set, flush with
the ground.

At the corner point
Set an aluminum post, 28
ins. long, 2 1/4 ins. diam.,
26 ins. in the ground,
with a unium cap wk'd.

T16S R22E

YIR

S28 S27

N C

1980

The local pipe was left
in place, in the center
of the aluminum post.

Cor. is located 13 lks. S
of a dirt road, 20 lks.
wide, bears S. 82° E. and
N. 82° W.

From this point the 1
sec. cor. of secs. 27 and
28, bears N. 8°27' W.,
25.79 chs. dist., locally
monumented with an un-
marked iron pipe, 1 in.
diam., firmly set, flush
with and in the center of
an asphalt surfaced road,
1 ch. wide, bears
N. 10° E. and S. 10° W.

Thence in sec. 28.

N. 82°20' W., 9.68 chs.

N. 84°45' W., 39.41 chs.

MEANDERS OF THE PRESENT RIGHT BANK OF THE COLORADO RIVER
IN PORTIONS OF TPS. 16 S., RS. 21 AND 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS		
	N. 85°33' W., 21.11 chs.	
	N. 81°45' W., 10.84 chs.	At end of course, the meander cor. of secs. 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
		Add the mark YIR 1980 to the brass cap.
	Thence in sec. 29.	
	N. 75°55' W., 6.11 chs.	
	N. 80°59' W., 17.59 chs.	
	N. 76°17' W., 24.25 chs.	
	N. 76°45' W., 17.09 chs.	
	N. 82°05' W., 16.79 chs.	At end of course, the true point for the meander cor. of secs. 29 and 30, on the 1960-61 right bank, identical with the present right bank, falls on the edge of an escarpment, subject to erosion and is unsuitable for permanent monumentation.
		From this point the 1 sec. cor. of secs. 29 and 30, which also functions as the witness cor. to the meander cor. of secs. 29 and 30, bears N. 0°06' W., 92 lks. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.
		The 1960-61 accessory, a redwood post, 4 ins. square, projecting 5 ft. above the ground, is firmly set, 3 lks. S of the iron post.
	Thence in sec. 30.	
	N. 72°07' W., 28.23 chs.	
	N. 41°45' W., 11.33 chs.	
	N. 52°56' W., 22.79 chs.	

MEANDERS OF THE PRESENT RIGHT BANK OF THE COLORADO RIVER
IN PORTIONS OF TFS. 16 S., RS. 21 AND 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS		
N. 50°57' W., 15.63 chs.	At end of course, the meander cor. of secs. 19 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the 1949 resurvey record.	
	Add the marks YIR 1980 to the brass cap.	
	Set a 6 ft. metal fence post, 2 ft. in the ground, 1 lk. N of the iron post, with a metal poster attached stating "YUMA INDIAN RESERVATION BOUNDARY".	
Thence in sec. 19.		
N. 82°53' W., 17.27 chs.	At end of course, the meander cor. of secs. 19 and 24, Tps. 16 S., Rs. 21 and 22 E., locally monumented with an unmarked iron pipe, 2 ins. diam., firmly set, projecting 2 ins. above the ground.	
	At the corner point	
	Set an aluminum post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a mound of stone, 2½ ft. base, to top, with aluminum cap mkd.	
	Bury the iron pipe along the E side of the iron post.	
	From this point a local monument, an iron pipe, 2 ins. diam., firmly set, projecting 2 ins. above the ground, with an unmarked brass cap, bears N. 0°05' W., 2.00 chs. dist. This position is coincident with the 1960-61 record position	

MEANDERS OF THE PRESENT RIGHT BANK OF THE COLORADO RIVER
IN PORTIONS OF TFS. 16 S., RS. 21 AND 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHADDS

for the reference monument established during the 1949 resurvey; there is no evidence of the 1949 reference monument.

Thence in T. 16 S., R. 21 E., continuing downstream with the meanders of the right bank in sec. 24.

S. 32°53' W., 4.23 chs.

At end of course, the true point for the meander cor. of secs. 24 and 25, on the 1960-61 right bank, identical with the present right bank, falls on an eroding escarpment, and is unsuitable for permanent monumentation.

From this point the witness cor. meander cor. of secs. 24 and 25, bears S.89°52' W., 50 lks. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the 1961 resurvey record.

Thence in sec. 25.

S. 36°56' W., 23.08 chs.

S. 27°52' W., 23.50 chs.

S. 25°37' W., 16.80 chs.

S. 52°36' W., 16.42 chs.

Intersect the original meanders of the right bank of the Colorado River, surveyed by J. La Croze in 1856.

Thence, continuing downstream with the present right bank, along the front of accreted land.

S. 52°36' W., 4.76 chs.

S. 24°39' W., 18.90 chs.

S. 20°44' W., 25.08 chs.

S. 18°43' W., 20.30 chs.

S. 27°55' W., 11.58 chs.

S. 15°07' W., 8.77 chs.

At end of course, the true point for the meander cor. of sec. 35 only, on the S bdy. of the Tp., hereinbefore described,

MEANDERS OF THE PRESENT RIGHT BANK OF THE COLORADO RIVER
IN PORTIONS OF TPS. 16 S., RS. 21 AND 22 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA

CHAINS	GENERAL DESCRIPTION
	<p>The lands included in this survey are located adjacent to Yuma, Arizona, and on the west side of the Colorado River. They extend south along the river to the International Boundary between California and Mexico, and north along the river to the Laguna Dam area. The westerly limit of the survey is defined by a north-south line which crosses Pilot Knob near the inspection station on Interstate Highway 80. There are numerous paved and improved dirt roads throughout the area. In addition, there are numerous unimproved dirt roads located in the west half, and particularly in the northwest quarter of the survey. The land is mostly undulating desert floor. The extreme northwest corner of the survey touches the Gorge Muwashaho Mountains. The soil in the west half is sandy and has very poor cultivative potential. The native vegetation in this west half consists of isolated growths of mesquite, ironwood and acornillo. The soil in the east half of the survey is a rich sedimentary deposit layed down by annual flooding of the Colorado River. It is extremely fertile and is under extensive cultivation. The lowest elevation is along the Colorado River which is 135 ft. above sea level. The highest elevation is a mountain peak near the extreme northwest corner of the survey which is 1,024 ft. above sea level. The mean elevation of the desert floor is 300 ft. above sea level. The many desert washes drain south-easterly and empty into the Colorado River. The Colorado River is the main source of water for this area. The area in the east half of this survey is used chiefly for agricultural purposes and the west half for recreational purposes. There were no minerals noted.</p>

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
<u>Robert G. Nicolli</u>	<u>Cadastral Surveyor</u>
<u>Robert M. Scruggs</u>	<u>Cadastral Surveyor</u>
<u>Jervis Swannack</u>	<u>Cadastral Surveyor</u>
<u>Larry E. Nagle</u>	<u>Surveying Technician</u>
<u>Daniel H. Dierenfield</u>	<u>Surveying Technician</u>
<u>Richard D. Leverton</u>	<u>Survey Aid</u>
<u>Richard G. Smyth</u>	<u>Survey Aid</u>
<u>Timothy I. Gruenwald</u>	<u>Survey Aid</u>
<u>Timothy R. Johnston</u>	<u>Survey Aid</u>
<u>Roxanne Araki</u>	<u>Survey Aid</u>
<u>Kevin L. Hewins</u>	<u>Survey Aid</u>
<u>Robert A. Ruffner</u>	<u>Survey Aid</u>
<u>Bruce E. Chadd</u>	<u>Survey Aid</u>

CERTIFICATE OF SURVEY

I, Jack W. Rabedew, HEREBY CERTIFY upon honor, that in pursuance of special instructions dated October 15, 1979, and supplemental instructions No. 1 dated October 30, 1979, I have made the dependent resurvey of a portion of the exterior boundaries of the Yuma Indian Reservation consisting of a portion of the south boundary T. 16 S., R. 21 E., a portion of the subdivisional lines of Tps. 15 S., Rs. 21, 22 and 23 E., and T. 16 S., R. 21 E., San Bernardino Meridian, California, the fixed and limiting boundary of the 1920 right bank of the abandoned channel of the Colorado River, T. 16 S., R. 23 E., San Bernardino Meridian, California and Arizona; the 1954 right bank of the abandoned channel of the Colorado River through section 36, T. 16 S., R. 22 E., and a portion of section 31, T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the resurvey of the right bank of the Colorado River through T. 16 S., R. 21 E., and portions of Tps. 16 S., Rs. 22 and 23 E., San Bernardino Meridian, California, and through a portion of T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the partition line of section 14 and the extension and accretion surveys of lands in sections 2, 14 and 15, T. 16 S., R. 23 E., San Bernardino Meridian, California, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

07-22-80
(Date)

Jack W. Rabedew
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the exterior boundaries of the Yuma Indian Reservation consisting of a portion of the south boundary T. 16 S., R. 21 E., a portion of the subdivisional lines of Tps. 15 S., Rs. 21, 22 and 23 E., and T. 16 S., R. 21 E., San Bernardino Meridian, California, the fixed and limiting boundary of the 1920 right bank of the abandoned channel of the Colorado River, T. 16 S., R. 23 E., San Bernardino Meridian, California and Arizona; the 1954 right bank of the abandoned channel of the Colorado River through section 36, T. 16 S., R. 22 E., and a portion of section 31, T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the resurvey of the right bank of the Colorado River through T. 16 S., R. 21 E., and portions of Tps. 16 S., Rs. 22 and 23 E., San Bernardino Meridian, California, and through a portion of T. 16 S., R. 23 E., San Bernardino Meridian, Arizona; the partition line of section 14 and the extension and accretion surveys of lands in sections 2, 14 and 15, T. 16 S., R. 23 E., San Bernardino Meridian, California, executed by Jack W. Rabedew, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

OCT 22 1980
(Date)

Allen E. Arnold
ACTING (Chief, Cadastral Survey Examination and Approval Staff)

SETTLEMENT AGREEMENT ADDENDA B

**1981 Determination And
Directive Of the Secretary Of
The Interior Regarding The
Boundaries Of The Fort
Yuma Indian Reservation**

**46 Federal Register 11372
(February 6, 1981)**

Sec. 1. Solicitor's Opinion

On December 20, 1978 the Solicitor signed an Opinion recognizing that the 1884 Executive Order boundary of the Fort Yuma Indian Reservation, as modified by the Executive Order of December 19, 1900, which revoked the portion of the reservation lying south of the Colorado River in the then Territory of Arizona, still remains the reservation boundary. Said Opinion was approved by the Secretary of the Interior on December 20, 1978. A map entitled "Fort Yuma Indian Reservation 1884-1974, revised September 1974 S.D.T.," depicting the general location of the Reservation boundary today is on file in the office of the Area Director, Arizona Bank Building, 3030 N. Central Avenue, Phoenix, Arizona 85013. The exact location of the Reservation boundary shall be determined hereafter by survey in accordance with the boundaries recognized by this Notice of Secretarial Determination and Directives (Notice).

Sec. 2. Recognition of Trust Status of Lands

Except as hereinafter stated, all lands which prior to December 20, 1978, were managed under the jurisdiction of the Bureau of Land Management or the Bureau of Reclamation [FN1] and which the map referred to in Section 1 indicates are within the Fort Yuma Indian Reservation (hereafter referred to as "such lands") are hereby recognized as being held in trust by the United States for the Quechan Tribe of the Fort Yuma Indian Reservation as of January 9, 1884.

FN1 In order to maintain consistency with the Secretarial order of December 20, 1978, the Water and Power Resources Services is referred to as the Bureau of Reclamation throughout this notice.

Sec. 3. Exceptions and Conditions

The Solicitor's Opinion holds that an 1893 Agreement ratified by an 1894 statute providing for allotment of certain lands on the Fort Yuma Reservation and cession to the United States of other reservation lands was subject to conditions that were never carried out. Although the Solicitor's Opinion holds *11373 that the cession provided for in the Agreement and statute did not take place, and that Reservation lands which would have been ceded in that statute and which were not later taken pursuant to the 1904 statute, remain in tribal ownership, the Solicitor's Opinion also holds that (1) pursuant to statutes predating 1884, certain valid rights were acquired by third parties that are protected by the Executive Order; (2) pursuant to later statutes, various Reclamation project works were validly constructed on the Reservation; and (3) other valid grants and grants which would have been valid had the lands been public lands were made by agencies of the United States to third parties. Accordingly, reaffirmation and recognition of the Tribe's title in such lands is subject to the exceptions and conditions set forth in this Section 3.

a. There is hereby excepted from the provisions and effect of Section 2 herein all rights of third parties created by or pursuant to Acts of Congress including but not limited to the Act of July 26, 1866, 14 Stat.289, and the Act of March 3, 1871, 16 Stat.573, and predating the Executive Order establishing the Reservation in 1884.

b. All rights of third parties to such lands within the now-recognized reservation boundaries which were established pursuant to law prior to December 20, 1978, including but not limited to existing permits, leases, rights-of-way and other non-free rights and interests, including those generally described in subparagraphs (1) (44) following (and more particularly described in the cited instruments):

(1) LBR Contracts Nos. 14-06-303 -3736, -3737, -3738, -3739, -3740, -3741, -3742, -3743, -3744, -3745, -3746 and -3747, all dated January 1, 1977, consisting of leases for agricultural purposes to various individuals and corporations.

(2) LBR Contract No. 7-07-34-L0026 dated April 15, 1977, issued to Ned Foss for livestock grazing and feeding purposes.

(3) Bureau of Land Management Agricultural Permits, BLM Serial Nos. 1C-1(A), 1C-2(A), 1C-3(A), 1C-5(A), 2C-3(A), 2C-4(A), 2C-5(A), 2C-6(A), 2C-9(A), 2C-14(A), 2C-15(A), 2C-32(A), 2C-35(A), 2C-37(A).

(4) Bureau of Land Management Temporary Residential Permits, BLM Serial Nos. 1C-9(R), 2C-38(R), 2C-41(R), 2C-42(R), 2C-43(R), 2C-44(R), 2C-45(R), 2C-46(R), 2C-48(R), 2C-51(R), 2C-58(R), 2C-CM-4(R), 2C-CM-5(R), 2C-LD-5.

(5) LBR Contract No. 14-06-300-960 issued to California Electric and Power Company on October 6, 1959, for a transmission line.

(6) LBR Contract No. 14-06-303-1330, executed December 5, 1957, and 14-06-303-1412, executed May 9, 1958, consisting of licenses issued to the Pacific Telephone and Telegraph Company for telephone and telegraph line rights-of-way within and across Bureau of Reclamation levee and canal rights-of-way.

(7) LBR unnumbered contract issued April 5, 1961, for an indefinite period, consisting of license issued to Pacific Telephone and Telegraph for a public phone booth.

(8) LBR Contract Nos. 14-06-303-1119, -1120, -1122, executed July 3, 1956, consisting of licenses issued to Southern Pacific Pipelines, Inc., for a petroleum products pipeline right-of-way within and across Bureau of Reclamation canal lateral and drain rights-of-way.

(9) LBR Contract Nos. I-24-R-635, I-24-R-678, dated June 4, 1951, issued to Imperial County for the removal of sand, gravel and road materials.

(10) LBR No. 7-07-34-L0068, dated September 21, 1977, consisting of a license issued to the County of Imperial, California, for a refuse disposal dump.

(11) LBR Contract No. 14-06-300-2283, issued to the State of Arizona for fish and wildlife management at Mittery Lake.

(12) LBR No. 14-06-303-3748, dated January 1, 1977, consisting of a lease to Gladys Reynolds, for a mobile home park.

(13) BLM Permit No. R03272 for a right-of-way for Upper and Lower Reservation levees, issued May 31, 1963, pursuant to § 4(p) of the Act of December 5, 1924 (43 Stat. 7042; 43 U.S.C. § 417).

(14) BLM Permit No. R1278 for a right-of-way for a drainage ditch, issued December 19, 1968, pursuant to § 4(p) of the Act of December 5, 1924 (43 Stat. 704).

(15) BLM Serial No. R05651 right-of-way as specified in BLM decision of August 25, 1964, for a transmission line.

(16) BLM Permit No. LA077775 for a right-of-way for the All-American Canal including appurtenant structures and operating telephone line, issued pursuant to § 4(p) of the Act of December 5, 1924 (43 Stat. 704; 43 U.S.C. § 417).

(17) BLM Permit No. LA055165 for a right-of-way for "Gila drop #04" power transmission line and access road, approved July 23, 1942, pursuant to Act of December 5, 1924 (43 Stat. 672); amended May 19, 1971.

(18) BLM Permit Nos. 732756KELV, 75022-07 and 12271-22 issued to various denominations as mission sites by Departmental Authority of June 8, 1921.

(19) BLM Serial No. LA0164553, right-of-way grant to Imperial Irrigation District, as specified in BLM decision of August 13, 1964, for an electrical transmission line.

(20) BLM Serial No. R2331, right-of-way granted to the California Division of Highways, as specified in BLM decision of June 2, 1970, as amended April 25, 1973, and May 29, 1975, for Interstate Route 8.

(21) BLM Serial No. LA0153552, right-of-way granted to Southern Pacific Pipe Lines, Inc., as specified in BLM decision of December 16, 1930, for a highway.

(22) BLM Serial No. LA0164552, right-of-way grant to the Imperial Irrigation District, as specified in BLM decision of November 10, 1960, as amended December 5, 1960, for an electric transmission line.

(23) BLM Serial No. S3484, right-of-way grant to the Southern Pacific Transportation Company, approved February 10, 1910.

(24) BLM Serial No. S3488, right-of-way grant to the Southern Pacific Railroad, approved December 18, 1928, for station grounds.

(25) BLM Serial No. S3450, right-of-way grant to the Southern Pacific Railroad, approved June 18, 1907.

(26) BLM Serial No. S3441, amended right-of-way grant to the California Highway Commission approved October 10, 1927, for a highway.

(27) BLM Serial No. R2704, right-of-way granted to the Supervisors of Imperial County and the State of California, approved on October 24, 1930, noted in General

Land Office letter 1396492 "F" IHC of December 16, 1930, for a highway.

(28) BLM Serial No. S3430, right-of-way granted to Southern Pacific Railroad Company by the Act of March 3, 1871, 16 Stat. 573, and confirmed by Section 17 of the Act of August 15, 1894, 28 Stat. 335, for a railroad.

(29) BLM Serial No. R0329, right-of-way grant to the Imperial Irrigation District, as specified in BLM decision of April 9, 1962, for Imperial Laguna Drain No. 2.

(30) BLM Serial No. S3490, right-of-way approved August 12, 1926, under Act of April 21, 1904 (33 Stat. 224), for transmission line.

(31) BLM Serial No. LA050409, right-of-way, approved July 26, 1932, to the California Highway Commission for relocation of an irrigation canal.

(32) BLM Serial No. CA2720, right-of-way, issued August 1, 1975, to the Imperial Irrigation district for electric distribution line.

(33) BLM Serial No. LA051577, right-of-way, approved March 15, 1934, to the *11374 Southern California Telephone and Telegraph Company for a telephone line.

(34) BLM Serial No. R01909, right-of-way, approved October 12, 1955, under Act of February 4, 1948, 25 CFR 256, for Drain Line No. 9.

(35) BLM Serial No. R551, right-of-way noted on April 17, 1967, under Act of December 5, 1924 (43 Stat. 704; 43 U.S.C. § 417), for Upper Reservation Levee, as amended February 28, 1973.

(36) BLM Serial No. LA039464, approved August 24, 1939, to Imperial Irrigation District for a power transmission facility.

(37) BLM Serial No. R137, right-of-way grant to the State of California, Division of Highways, approved by decision of February 7, 1969, for Interstate Highway 8.

(38) LBR Contract Nos. 14-06-303-623, executed April 16, 1954, and 14-06-303-1435, executed August 18, 1958, consisting of easements granted to the County of Imperial for roadway and bridge rights-of-way across LBR Canal and drain rights-of-way.

(39) LBR Contract No. 14-06-303-2683, executed December 22, 1967, consisting of a license issued to the County of Imperial for use and maintenance of road crossings on certain structures across the All-American Canal.

(40) LBR Contract No. 14-06-303-2788, executed February 26, 1970, granting to the State of California the right to construct, reconstruct, operate and maintain highway bridges and a highway across the right-of-way reserved for the All-American Canal.

(41) LBR Contract No. 14-06-300-149, consisting of an easement granted to the Imperial Irrigation District on February 19, 1954, (BLM Serial No. R01908) for the

Pilot Knob Power Plant.

(42) BLM Serial No. LA048474, right-of-way to the Imperial Irrigation District, approved December 6, 1930, for poles and transmission line.

(43) 60-foot wide easement along the International boundary reserved by Presidential Proclamation of May 27, 1907, for purposes of patrol and inspection by the United States Immigration and Naturalization Service.

(44) Two powerline extensions into Section 29, T.16S., R.22E. SRM authorized by the March 13, 1967, and April 1, 1966 letters from the Lower Colorado River Land Use Office to cover electric distribution lines to pumps on BLM agricultural permits 1C-1(A) and 1C-3(A).

c. There is hereby excepted from the provisions and effect of Section 2 hereof all rights and interests in lands in the so-called Bard area, including non-contiguous parcels, opened to private settlement pursuant to Section 25 of the Act of April 21, 1904 (33 Stat. 189, 224), including all lands in the Bard area heretofore patented prior to December 20, 1978 pursuant to the Reclamation Law of 1902 and acts amendatory and supplementary thereto and the Act of March 31, 1950, 64 Stat. 39.

As to all rights-of-way listed above which are not on lands listed in Paragraph d of this Section as fee lands of the United States not held in trust for the Quechan Tribe and which were issued under the assumption that the lands involved were not Indian lands, I hereby grant a right-of-way pursuant to the authority vested in me by the Acts of February 5, 1948, 62 Stat. 17, 25 U.S.C. 323-28, each such grant being for the unexpired term of the original grant and subject to precisely the same terms and conditions as contained in the original grant. The Tribe has given its consent to these grants in Resolution R-19-77 dated September 29, 1977, and Resolution R-1-81 dated January 13, 1981, and pursuant to 25 CFR 1.2, I hereby waive the requirements of 25 CFR part 161 pertaining to these rights-of-way, since I find that such waiver is in the best interest of the Quechan Tribe.

As to all other permits, leases and other non-fee rights and interests listed above which are not on lands listed in Paragraph d of this Section as fee lands of the United States not held in trust for the Quechan Tribe, and which were issued under the assumption that the lands involved were not Indian lands, the Tribe has authorized and consented to issuance of such permits, leases and other non-fee rights and interests in Tribal Resolution R-19-77 dated September 29, 1977, and Tribal resolution R-1-81 dated January 13, 1981, and I hereby approve the same, pursuant to authority contained in the Act of May 11, 1938, c. 198, Section 1, 52 Stat. 347, 25 U.S.C. 396a, the Act of August 15, 1894, c. 290, Section 1, 28 Stat. 305, 25 U.S.C. § 402, the Act of July 3, 1926, c. 787, 44 Stat. 894, 25 U.S.C. 402a, and the Act of August 9, 1955, c. 615, Section 1, 69 Stat. 539, 25 U.S.C. 415, and each such permit, lease or other right or interest being for the unexpired term and subject to precisely the same terms and conditions specified in the original instrument. Pursuant to 25 CFR 1.2, I hereby waive the requirements of 25 CFR Parts 131, 151 and 171 pertaining to these permits, leases and other rights and interests since I find that such waiver is in the best interest of the Quechan

Tribe.

d. There is hereby expected from the provisions and effect of Section 2 hereof, fee title in the United States without being held in trust for the Quechan Tribe to the works and appurtenances, including but not limited to the works described in the following subparagraphs 1 through 18, constructed pursuant to Congressional authorization, including the Reclamation Act of June 17, 1902 (32 Stat. 388), acts amendatory and supplementary thereto, and the Boulder Canyon Project Act of December 21, 1928 (45 Stat. 1057), and fee title in the United States, without being held in trust for the Quechan Tribe, to lands occupied by all of said works and appurtenances, and there is also reserved the right of the United States, its licensees and contractors, to operate, maintain, and reconstruct said works and appurtenances, including but not limited to:

(1) The All-American Canal, and all appurtenances (including, but not limited to, the Pilot Knob Checkdam and Wasteway back to the Colorado River) as generally shown on Drawing No. 35-300-48 dated February 1968, and Drawing No. 35303-2127 dated June 5, 1967, on file at the Bureau of Indian Affairs, Phoenix Area Realty Property Management Branch and incorporated herein by reference.

(2) Laguna Dam Protection and Security Zone, as shown on Drawing No. 423-300- 704 dated June 6, 1972, on file at the Bureau of Indian Affairs, Phoenix Area Real Property Management Branch and incorporated herein by reference.

(3) Laguna Settling Basin, Sediment Disposal Area and Security Zone, as shown and named as "Channel" and most of the "Wildlife Area" on the above Drawing No. 423-300-704.

(4) Yuma Main Canal, California Wasteway, and Colorado River Siphon. The general location of the Yuma Main Canal and California Wasteway as shown and named on the above Drawing No. 35-300-48. The Siphon under the Colorado River is identified as "Siphon" on Drawing No. 212-303-1100, dated March 14, 1944, on file at the Bureau of Indian Affairs, Phoenix Area Real Property Management Branch and incorporated herein by reference.

(5) Detention Reservoir Opposite Wash Overpasses on All-American Canal. At present, there is only one area defined as a "Detention Reservoir," that being the Detention Reservoir as shown on the above Drawing No. 35-303-2127, basically existing below the All-American Canal. This reservoir is erroneously depicted as being part of the patented Bard area on the map referred to in Section 1 hereof.

(6) Upper and Lower Reservation and Levees. The locations of the Upper and Lower Protective Levees shown on Drawing No. 35-300-48; however, the *11375 Upper Levee is denoted only as "Reservation Levee." Both levees are properly denoted on the above Drawing No. 35-303-2127.

(7) Old Yuma Main Canal. The general location of this facility, a large portion of which is utilized as an interceptor drain, is shown on the above Drawing No. 212-303-1100.

(8) Irrigation Canals and Laterals in Reservation Division Yuma Project. Drawings

Nos. 35-3-303-127 and 35-300-48 above show these irrigation facilities.

(9) All Drainage Channels as Presently Exist. Drawings Nos. 35-303- 2127 and 35-300-48 above, indicate these facilities.

(10) Siphon Drop and Pilot Knob Power Plants together with existing Related Transmission Lines and Appurtenances. Both the Siphon Drop and Pilot Knob Power Plant locations as shown on the above Drawing No. 35-300-48, respectively named "Siphon Drop Power Plant" and "Pilot Knob Plant." In both cases, related facilities and appurtenances such as the Pilot Knob Drop, residences, other buildings, and related transmission lines and communication lines are not identified on any drawing.

(11) Well Clusters. Several well clusters are placed along the Colorado River Flood Plain in conjunction with the U.S. Geological Survey, the purpose of which is a study to measure return flows. There is no reproducible drawing that would show as a composite the locations. The general locations are shown by "blue" lines on the above Drawing No. 35-300-48.

(12) Parker-Davis 161-Kv Transmission Line. This line traverses the area from its crossing of the Colorado River westerly to the Pilot Knob Substation. The location is shown on the above Drawing No. 35-300-48.

(13) Boundary Pumping Plant 34.5-Kv Transmission Line. This line interties the Valley Division's boundary pumping plant, the Yuma County Water Users' Association Headquarters Building, California Wasteway, Siphon Drop, and Imperial Dam, and is shown on the above Drawing No. 35-300-48.

(14) Interconnecting Telephone Electrical, and Remote Control Lines to Project Features. These features, which are appurtenances to other project facilities, are not contained on any drawings but are largely within rights-of-way of other project features.

(15) Senator Wash Dam 69-Kv Transmission Line. Location shown on the above Drawing No. 35-300-38.

(16) Collector Line (South Gila Drainage). Location shown on Drawing No. 35-300-48 by "blue" pencil line extending from the Colorado River to South Gila Levee.

(17) South Gila Levee (including Main Outlet Drain Extension). Location shown by Drawing No. 35-300-48 as revised in ink to show now existing conditions resulting from installation of a siphon to replace the earlier flume.

(18) Gauging Station. Location shown by "blue" pencil mark below the letters "ol" in the word "seminole" on Drawing No. 35-300-48, below the Winterhaven townsite, including access road to cable gauging station in Section 27, T.16S, R 22 E. SBM California.

Provided, however, that should any of the above works and rights-of-way (excepting the works described in subparagraphs (1), (4), and (10) hereto), be abandoned or cease to be used in connection with authorized Reclamation projects

by the United States as determined in writing by the Secretary of the Interior equitable title thereto shall revert to the Tribe, in all instances where the Tribe owns equitable title to all lands immediately adjoining said works. A survey of the locations and extent of the areas occupied by the works and rights-of-way referred to above and the material sites referred to in paragraph 7 below will be made as promptly as possible by the United States without cost to the Tribe, and the results of that survey shall be reported to the Tribe, with any dispute referred to the Secretary for resolution.

e. There is hereby reserved to the United States, its officers, agents, employees, contractors, patentees, licensees, and holders of other rights, the right of ingress to, passage over and egress from such lands over existing or relocated roadways at all times for the purpose of exercising the rights specified in this Order and for all lawful purposes in connection with the maintenance and operation of all Reclamation works: Provided, however, That new roadways will not be constructed on reservation lands without consent of the Tribe, and that existing roadways may be relocated by the Tribe at its own expense so long as their adequacy for the purpose served by the original roadway is approved by the agency or organization using the roadway to the relocation of the roadway.

f. The Tribe's equitable title to such lands within the flood plain of the Colorado River, including Laguna Dam South Recreational Area, shall be subject to the rights of the United States under the Act of June 28, 1946, 60 Stat 338. The Tribe shall not construct or install or permit the construction or installation of any permanent improvements of such lands within the flood plain or floodway, as shown by "red" coloring on Drawing No. 423-300-1036 (Bureau of Reclamation, Flood Plain Information Colorado River-Imperial Dam to San Luis, Plate 3 (August 1973)), on file at the Bureau of Indian Affairs, Phoenix Area Branch of Real Property Management and incorporated herein by reference, nor will the Tribe permit said lands to be used in any manner inconsistent, with or contrary to, the purpose or intent of Executive Order No. 11988.

g. There is hereby reserved to the United States the right to continue in exclusive possession of all presently used material sites located within the now recognized reservation boundaries, of sand, gravel, fill, clay and rock to the extent reasonably necessary for operation and maintenance of its project works; Provided, however, That the sites are abandoned or the use thereof is changed in any substantial manner by the United States, possession shall revert to the Tribe at its option. Provided, further, That the United States shall pay to the Tribe fair market value of any and all materials removed from these sites from and after the date of this Order, and shall make regular periodic reports to the Tribe concerning the value of all materials removed.

Sec. 4. Miscellaneous Provisions

a. Nothing contained herein shall prevent the Tribe from recovering whatever compensation it may be determined is appropriate in any proceeding now pending or hereafter brought against the United States for past use of such lands.

b. The Quechan Tribe has agreed, pursuant to Tribal Resolution #Q-R-1-81 dated January 13, 1981, to relinquish any claim for damages it might have for trespass

against third parties who acquired rights-of-way across such lands from the United States under the assumption that such lands were not Indian lands.

c. Any claim for water rights in addition to that amount presently enjoyed under Arizona v. California, asserted in relation to such lands, will be predicated only upon the criteria heretofore employed in Arizona v. California.

c. The Order determines the respective interests to such lands of the United States and the Quechan Tribe, subject to the provisions of Section 3 of this Order. This Order does not affect any claim of the State of Arizona or the State of California or any successor of interest thereof may have to such lands.

d. All agencies of the Department are hereby directed promptly to take all necessary steps to implement the *11376 Opinion of the Solicitor and the terms of this Notice of Secretarial Determination and Directives.

Dated: January 30, 1981.

James G. Watt,

Secretary of the Interior.

[FR Doc. 81-4428 Filed 2-5-81; 8:45 am]

BILLING CODE 4310-02-M

46 FR 11372-02, 1981 WL 116369 (F.R.)

END OF DOCUMENT

SETTLEMENT AGREEMENT ADDENDA C

**Proposed Supplemental
Decree**

Proposed Supplemental Decree

It is ORDERED, ADJUDGED, AND DECREED:

A. Paragraph (3) of Article II(D) of the Decree in this case, entered on March 9, 1964 (376 U.S. 340, 344), is hereby amended to read as follows:

(3) The Yuma Indian Reservation in annual quantities not to exceed (i) 77,966 acre-feet of diversions from the mainstream or (ii) the quantity of mainstream water necessary to supply the consumptive use required for irrigation of 11,694 acres and for the satisfaction of related uses, whichever of (i) or (ii) is less, with a priority date of January 9, 1884.

B. Paragraph (5) of the introductory conditions to the Supplemental Decree in this case, entered on January 9, 1979 (439 U.S. 419, 421-423), and supplemented by paragraph (C) of the Supplemental Decree in this case, entered on October 10, 2000 (531 U.S. 1, 2), is hereby amended by adding the following exception at the end of the concluding proviso in the first sentence of that paragraph: "except for the western boundaries of the Fort Mojave and Colorado River Indian Reservations in California and except for the boundaries of the Yuma Indian Reservation in Arizona and California."

C. The Paragraph I(A) of the Supplemental Decree in this case, entered on January 9, 1979 (439 U.S. 419, 423), and supplemented by Paragraph (B) of the Second Supplemental Decree in this case, entered on April 16, 1984 (466 U.S. 144, 145), is amended to read as follows:

I

ARIZONA

A. Federal Establishments' Present Perfected Rights

The federal establishments named in Art II, subdivision (D), paragraphs (2), (3), (4) and (5) of the Decree entered March 9, 1964, in this case, such rights having been decreed in Art II:

Defined Area of Land	Annual Diversions (acre-feet)[*]	Net Acres[*]	Priority Date
1) Cocopah Indian Reservation	7,681	1,206	Sept. 27, 1917
2) Colorado River Indian Reservation	358,400	53,768	Mar. 3, 1865
	252,016	37,808	Nov. 22, 1873
	51,986	7,799	Nov. 16, 1874
3) Fort Mojave Indian Reservation	27,969	4,327	Sept. 18, 1890
	75,566	11,691	Feb. 2, 1911
3a) Yuma Indian Reservation	6,350	952	Jan. 9, 1884

* The quantity of water in each instance is measured by (i) diversions or (ii) consumptive use required for irrigation of the respective acreage and for the satisfaction of related uses, whichever of (i) or (ii) is less.

D. Paragraph II(A)(23) of the Supplemental Decree in this case, entered on January 9, 1979 (439 U.S.419, 428), is hereby amended to read as follows:

23)

Yuma Indian Reservation	71,616	10,742	Jan. 9, 1884
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E. Except as otherwise provided herein, the Decree entered on March 9, 1964, and the Supplemental Decrees entered on January 9, 1979, April 16, 1984, and October 10, 2000, shall remain in full force and effect.

F. Pursuant to Paragraph IX of the Decree in this case, entered on March 9, 1964 (376U.S. 340, 353), the Court shall retain jurisdiction herein to order such further proceedings and enter such supplemental decree as may be deemed appropriate.

EXPLANATORY NOTES

This proposed supplemental decree is modeled after the Supplemental Decree entered in 2000 to implement the settlement of the claims for the Fort Mojave and Colorado River Indian Reservations. This proposed supplemental decree will implement both settlement agreements.

A. This paragraph amends the 1964 Decree which decreed present perfected rights for the federal establishments without division among the States to increase the amounts decreed for the Yuma Indian Reservation per the two settlements. The acre-foot figure is the total diversion figure for both Arizona and California [$6,350 + 71,616 = 77,966$]. The acreage figure is the total acreage figure for both Arizona and California [$952 + 10,472 = 11,694$].

B. This amends the existing reservation of jurisdiction to adjust the present perfected rights of the Indian reservations when the boundaries are finally determined to add to the Yuma Indian Reservation to list of those excluded from the adjustment provision. This makes the water rights final as to the reservation.

C. This paragraph amends the 1979 Decree which divided the present perfected rights for the federal establishments among the states to include the Yuma Indian Reservation in the Arizona list and to specify the amount decreed for the Yuma Indian Reservation in Arizona. The acre-foot and acreage figures are from the Arizona settlement. It was necessary to restate the entire paragraph, following the form of the 1984 Supplemental Decree in order to add the reference to paragraph (3) in the introductory phrase. The Yuma Indian Reservation present perfected right in Arizona is assigned paragraph number 3a, so as not to throw off the numbering of all subsequent present perfected rights paragraphs in the 1979 Supplemental Decree.

D. This paragraph amends the 1979 Decree which divided the present perfected rights for the federal establishments among the states to increase the amount decreed for the Yuma Indian Reservation in California. The acre-foot figure is computed by adding the settlement figure to the existing decreed figure [$20,000 + 51,616 = 71,616$]. The acreage figure is computed by adding the settlement figure to the existing decreed figure and rounding up [$2,998.50 + 7,743.00 = 10,741.50$, rounded to 10,742].

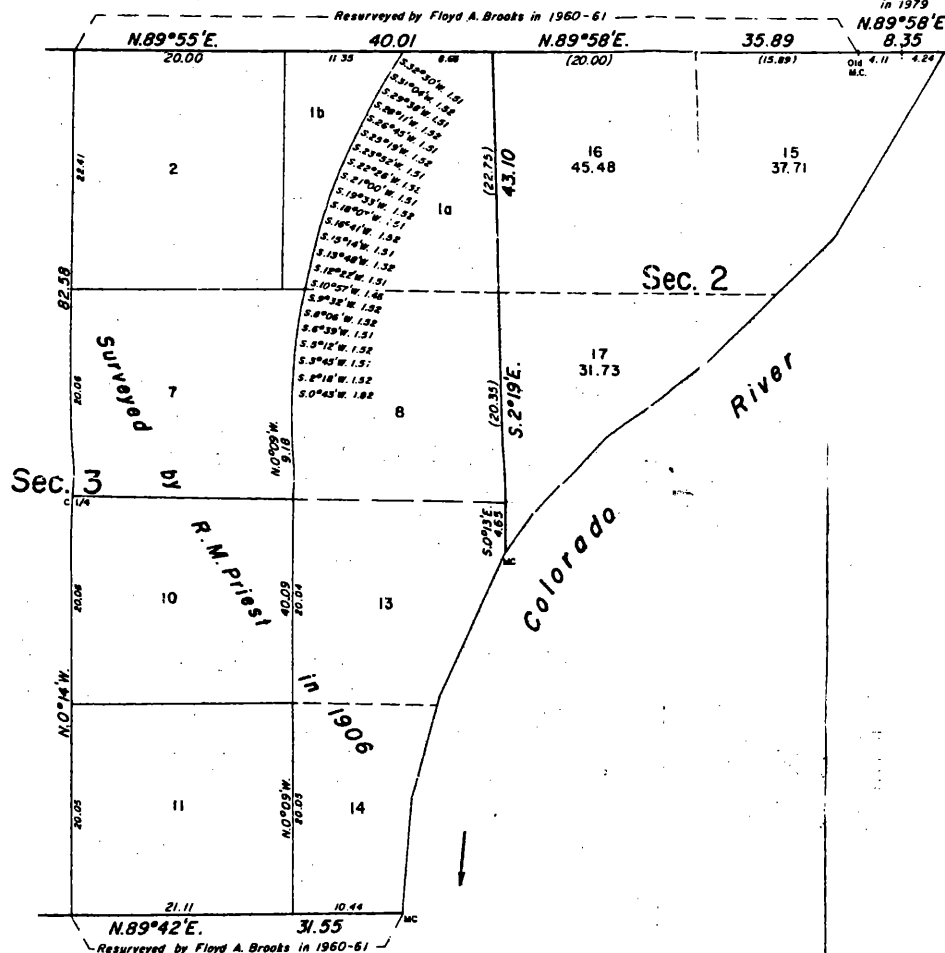
E. This paragraph makes clear that the 1964 Decree and the 1979, 1984 and 2000 Supplemental decrees remain in force and are not repealed by omission.

F. The 1984 and 2000 Supplemental Decrees contained a reservation of jurisdiction that did not contain the introductory qualification here. Because the reservation of jurisdiction in Art IX of the 1964 Decree is very important to the States, a reservation of jurisdiction paragraph is included in this proposed supplemental decree that is explicitly tied to Art IX to make clear that the Court is not discharging jurisdiction over the case.

DEPENDENT RESURVEY AND SURVEY OF ACCRETION, YUMA INDIAN RESERVATION

T. 16S., R. 23E.

*Surveyed by
Jack W. Rabedew
in 1979*



A history of surveys is contained in the field notes.

This plat, in five sheets, represents the dependent survey of the exterior boundaries of the Yuma Indian Reservation, consisting of a portion of the south boundary T. 16 S., R. 21 E., a portion of the subdivisional lines of Tps. 15 S., Re. 21, 22, and 23 E.; Tps. 16 S., Re. 21, 22, and 23 E., San Bernardino Meridian, California; Tps. 16 S., Re. 22 and 23 E., San Bernardino Meridian, Arizona; the dependent survey of the fixed and limiting boundaries of the 1920 and 1954 abandoned channels of the Colorado River in Tps. 16 S., Re. 22 and 23 E., San Bernardino Meridian, Arizona and California; the survey of the meanders of the Colorado River through portions of Tps. 16 S., Re. 21, 22, and 23 E., San Bernardino Meridian, California; T. 16 S., R. 23 E., San Bernardino Meridian, Arizona, designed to restore the corners in their true original locations according to the best available evidence, and the survey of the partition line of section 14, and extension and accretion surveys of lands in sections 2, 14, and 15, T. 16 S., R. 23 E., San Bernardino Meridian, California.

Except as indicated hereon the areas and lottings are as shown on the Yuma Indian Reservation plat approved August 17, 1896, township plats approved or accepted, July 26, 1913, September 26, 1921, and February 22, 1929 (two sheets), for T. 15 S., R. 23 E.; February 6, 1857, and January 10, 1962, for T. 16 S., R. 21 E.; February 6, 1857, May 10, 1911, May 5, 1931, September 4, 1913, June 26, 1929 (two plates), July 16, 1931, September 11, 1931, September 7, 1951, September 26, 1961, and December 16, 1965, for T. 16 S., R. 22 E.; July 26, 1913 (two plates), November 21, 1921, January 5, 1933, January 31, 1933, September 7, 1951, September 26, 1961, and February 22, 1979 (four sheets), for T. 16 S., R. 23 E.

The surveys were executed by Jack W. Rabedew, Supervisory Cadastral Surveyor, from December 1, 1979, to March 26, 1980, pursuant to Special and Supplemental Special Instructions dated October 15, 1979, and October 30, 1979, respectively, which provided for the surveys included under Group No. 614, Arizona and Group No. 747, California.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Denver, Colorado October 22, 1980

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

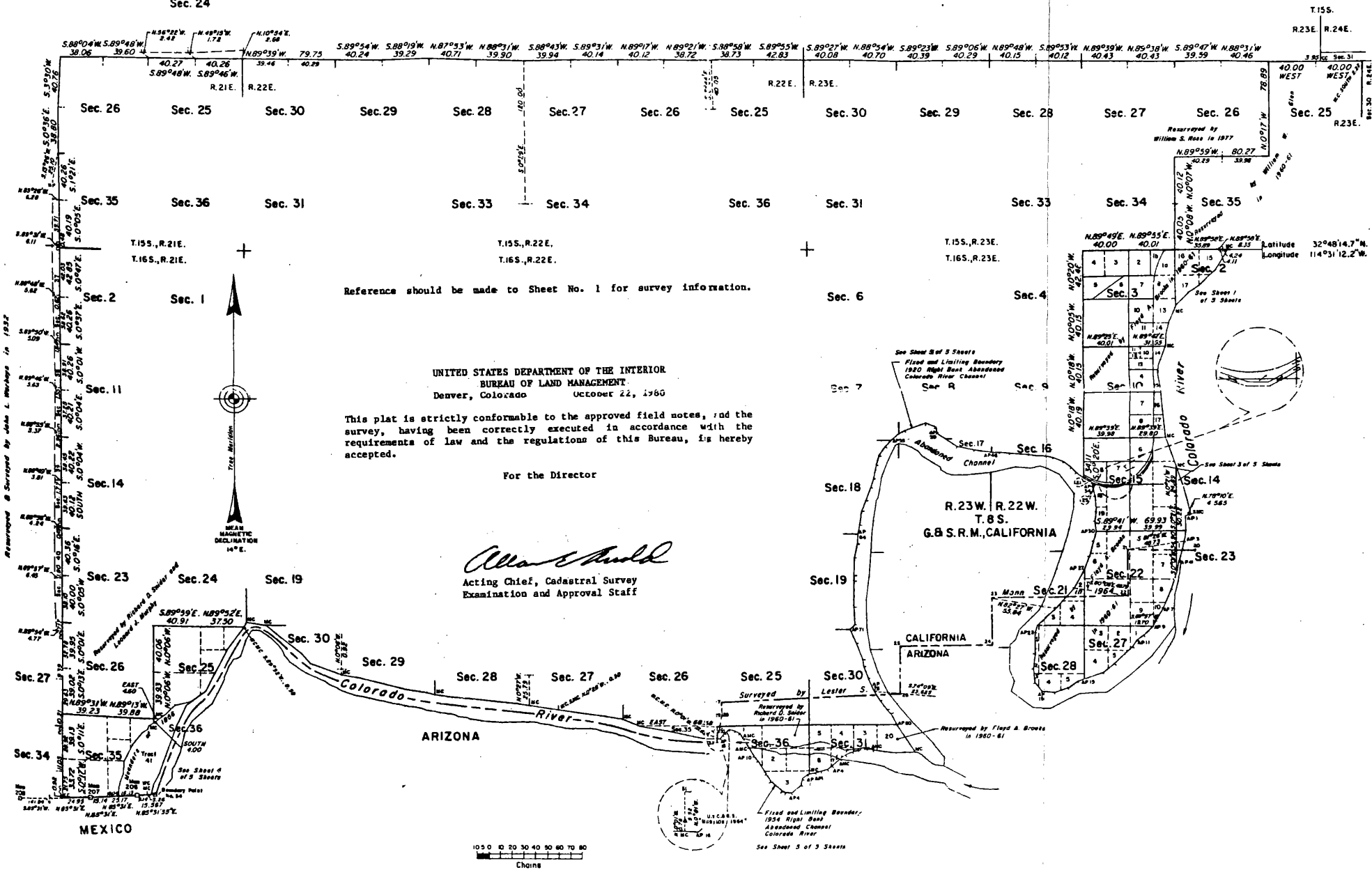
For the Director

See sheet 2 of 5 for base plat.

Allen T. Arnold
Acting Chief, Cadastral Survey
Examination and Approval Staff

TOWNSHIPS 15 & 16 SOUTH, RANGES 21, 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA &
TOWNSHIPS 16 SOUTH, RANGES 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, ARIZONA.
DEPENDENT RESURVEY AND SURVEY OF ACCRETION, YUMA INDIAN RESERVATION

Sec. 24



TOWNSHIPS 15 & 16 SOUTH, RANGES 21, 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA &
TOWNSHIPS 16 SOUTH, RANGES 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, ARIZONA.

DEPENDENT RESURVEY AND SURVEY OF ACCRETION, YUMA INDIAN RESERVATION

T. 16S., R. 23E.

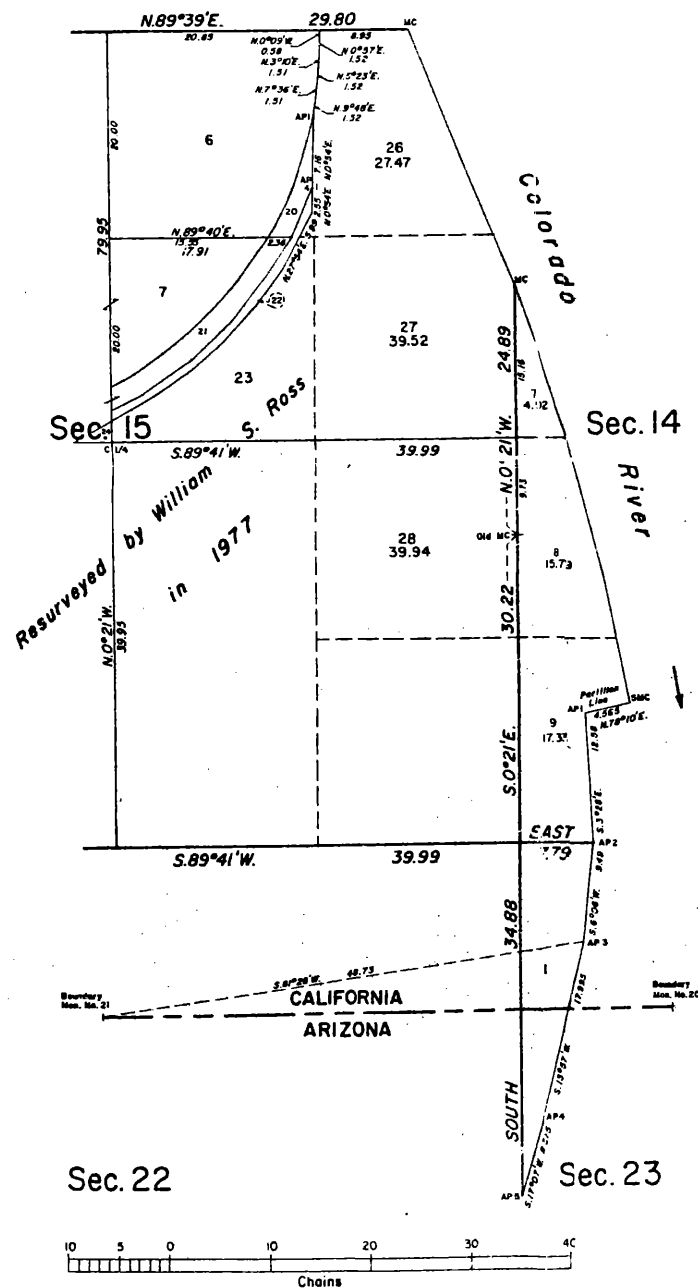
Reference should be made to Sheet No. 1 for survey information.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Denver, Colorado October 22, 1980

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Alfred Smith
Acting Chief, Cadastral Survey
Examination and Approval Staff



TOWNSHIPS 15 & 16 SOUTH, RANGES 21, 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA &
TOWNSHIPS 16 SOUTH, RANGES 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, ARIZONA.

DEPENDENT RESURVEY AND SURVEY OF ACCRETION, YUMA INDIAN RESERVATION

T. 16 S., R. 21 E.

Reference should be made to Sheet No. 1 for survey information.

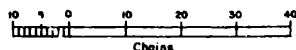
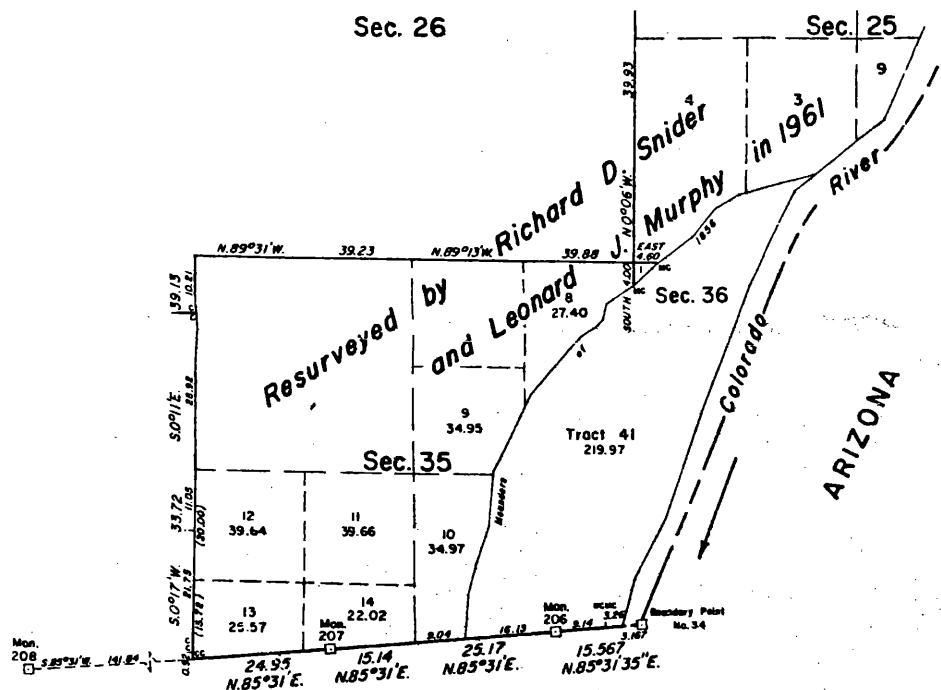
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Denver, Colorado October 22, 1980

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Allen S. Thull

Acting Chief, Cadastral Survey
Examination and Approval Staff



TOWNSHIPS 15 & 16 SOUTH, RANGES 21, 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA &
TOWNSHIPS 16 SOUTH, RANGES 22 & 23 EAST, OF THE SAN BERNARDINO MERIDIAN, ARIZONA.
DEPENDENT RESURVEY AND SURVEY OF ACCRETION, YUMA RESERVATION

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1920 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN T. 16 S., R. 23 E.,
SAN BERNARDINO MERIDIAN, CALIFORNIA AND ARIZONA

From AP 1 in sec. 14.

ANGLE POINTS	BEARING AND DISTANCE	ANGLE POINTS	BEARING AND DISTANCE
1-2	S. 3°28' E., 12.58	40-41	N. 76°09' W., 6.48
2-3	S. 6°06' W., 9.49	41-42	N. 88°56' W., 8.01
3-4	S. 13°57' W., 17.993	42-43	N. 82°23' W., 7.05
4-5	S. 17°07' W., 8.375	43-44	N. 86°57' W., 16.93
5-6	S. 19°09' W., 15.94	44-45	N. 85°04' W., 10.01
6-7	S. 23°50' W., 18.015	45-46	N. 89°44' W., 6.00
7-8	S. 32°59' W., 10.99	46-47	N. 82°06' W., 15.00
8-9	S. 21°00' W., 5.18	47-48	N. 78°00' W., 15.00
9-10	S. 46°00' W., 11.00	48-49	N. 57°25' W., 12.43
10-11	S. 57°49' W., 7.01	49-50	N. 54°07' W., 8.00
11-12	S. 32°43' W., 6.49	50-51	N. 10°59' W., 5.50
12-13	S. 50°10' W., 20.98	51-52	N. 69°09' W., 10.96
13-14	S. 53°06' W., 11.96	52-53	S. 69°12' W., 19.00
14-15	S. 71°37' W., 17.47	53-54	S. 62°35' W., 5.60
15-16	S. 77°37' W., 6.03	54-55	S. 54°08' W., 8.68
16-17	S. 59°45' W., 10.06	55-56	S. 41°55' W., 8.01
17-18	S. 70°11' W., 13.97	56-57	S. 31°59' W., 7.99
18-19	N. 84°50' W., 12.03	57-58	S. 20°35' W., 8.00
19-20	N. 39°51' W., 9.05	58-59	S. 12°14' W., 12.00
20-21	N. 4°52' W., 11.00	59-60	S. 15°46' W., 8.11
21-22	N. 10°11' E., 13.00	60-61	S. 23°55' W., 11.98
22-23	N. 0°06' E., 15.98	61-62	S. 19°56' W., 9.00
23-24	N. 17°04' E., 6.64	62-63	S. 10°00' W., 12.00
24-25	N. 47°32' E., 22.98	63-64	S. 12°27' W., 8.68
25-26	N. 43°02' E., 23.02	64-65	S. 4°05' W., 9.02
26-27	N. 31°02' E., 18.39	65-66	S. 12°23' W., 12.00
27-28	N. 23°24' E., 11.96	66-67	S. 0°06' E., 15.01
28-29	N. 13°44' E., 12.99	67-68	S. 4°04' W., 4.46
29-30	N. 14°51' E., 8.64	68-69	S. 0°03' W., 22.00
30-31	N. 8°23' W., 8.03	69-70	S. 3°56' E., 14.01
31-32	N. 12°57' E., 8.48	70-71	S. 40°35' W., 5.50
32-33	N. 2°33' W., 13.99	71-72	S. 22°20' E., 12.05
33-34	N. 11°55' W., 8.98	72-73	S. 23°06' E., 14.96
34-35	N. 11°02' E., 2.215	73-74	S. 12°11' E., 5.99
35-36	N. 62°42' W., 10.10	74-75	S. 19°57' E., 10.23
36-37	N. 49°33' W., 8.00	75-76	S. 25°27' E., 11.50
37-38	N. 43°06' W., 6.00	76-77	S. 32°01' E., 11.01
38-39	N. 54°37' W., 8.00	77-78	S. 39°59' E., 10.49
39-40	N. 66°51' W., 9.98	78-79	S. 43°18' E., 5.03
		79-80	S. 28°46' E., 9.78
		80-MC	S. 33°03' E., 28.53
			MC of sec. 31

DEPENDENT RESURVEY OF THE FIXED AND LIMITING BOUNDARY
OF THE 1954 RIGHT BANK OF THE ABANDONED CHANNEL OF THE
COLORADO RIVER IN TFS. 16 S., RS. 22 AND 23 E.,
SAN BERNARDINO MERIDIAN, ARIZONA

From the AMC of sec. 31 on the present
right bank, identical with the 1954
right bank.

ANGLE POINTS	BEARING AND DISTANCE
AMC-9	N. 82°04' W., 6.00
9-8	S. 80°56' W., 7.00
8-7	S. 78°56' W., 4.70
7-6	S. 67°57' W., 7.01
6-5	S. 57°57' W., 4.00
5-AMC	S. 46°57' W., 1.60
AMC on the present left bank, identical with the 1954 right bank.	
Continue on 5-4.	
AMC-4	S. 47°07' W., 9.40
4-3	S. 48°59' W., 4.99
3-2	S. 73°07' W., 5.01
2-1	S. 76°54' W., 5.00
1-MC	S. 75°12' W., 8.50
	MC of secs. 31 and 36.

From the MC of secs. 31 and 36,
T. 16 S., Rs. 22 and 23 E.

ANGLE POINTS	BEARING AND DISTANCE
MC-1	S. 69°53' W., 1.20
1-2	S. 50°52' W., 5.98
2-3	S. 10°01' W., 4.98
3-4	S. 52°04' W., 10.98
4-5	N. 89°02' W., 5.00
5-6	N. 62°07' W., 3.99
6-7	N. 50°07' W., 11.98
7-8	N. 30°05' W., 6.98
8-9	N. 33°06' W., 13.96
9-10	N. 40°06' W., 4.99
10-AMC	N. 32°01' W., 9.20
AMC present left bank, identical with 1954 right bank.	
Continue on 10-11.	
AMC-AMC	N. 32°01' W., 9.73
	AMC present right bank, identical with 1954 right bank.
Continue on 10-11.	
AMC-11	N. 32°01' W., 5.01
11-12	N. 62°00' W., 4.99
12-13	N. 69°59' W., 5.00
13-14	S. 45°10' W., 4.99
14-15	S. 49°10' W., 2.99
15-16	S. 47°10' W., 3.72
16-MC	N. 87°45' W., 1.885
	MC of secs. 35 and 36.

Reference should be made to Sheet No. 1 for survey information.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Denver, Colorado October 22, 1980

This plat is strictly conformable to the approved field notes, and the survey,
having been correctly executed in accordance with the requirements of law and the
regulations of this Bureau, is hereby accepted.

For the Director

William S. Arnold
Acting Chief, Cadastral Survey
Examination and Approval Staff

