Form 9600–9
(December 1979)
(formerly 9180–6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE EAST BOUNDARY,

A SURVEY OF ACCRETION LANDS,

A SURVEY OF THE MEANDERS AND INFORMATIVE TRAVERSES

OF THE LEFT BANK OF THE ABANDONED CHANNEL

OF THE COLORADO RIVER,

A SURVEY OF A PORTION OF THE SOUTH BOUNDARY

OF THE LA FOLLETTE PURCHASE

AND

THE ADJUSTED MEANDERS OF CERTAIN SECTIONS

OF

TOWNSHIP 17 NORTH, RANGE 22 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA.

EXECUTED BY

PAUL L. REEVES CADASTRAL SURVEYOR

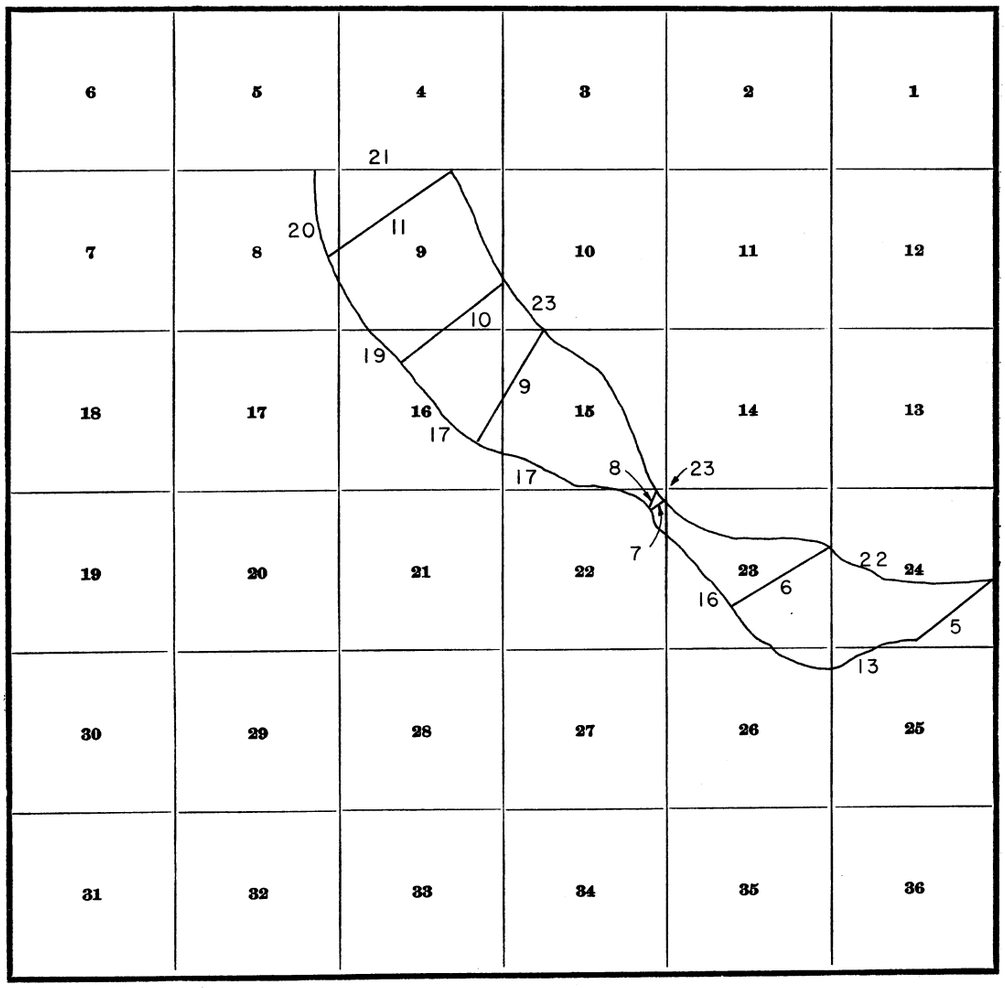
Under special instructions dated DECEMBER 1, 19 61, approved DECEMBER 29, 1961,
AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED AUGUST 5, 1982, APPROVED AUGUST 5,
1982, which provided for the surveys included under ~~U.S. Survey~~/Group
Number 367, and assignment instructions dated JULY 28, 1982.

Survey commenced JULY 28, 19 82

Survey completed AUGUST 19, 19 82

INDEX DIAGRAM

Township 17 NORTH, Range 22 WEST,



GPO 855-927

T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

	CHAINS	H.S. Washburn surveyed the boundaries of Township 9 North, Range 22 East, San Bernadino Meridian, California, in 1855. In 1883, G.W. Baker resurveyed the East boundary of Township 9 North, Range 22 East, and subdivided Townships 9 North, Ranges 22 and 23 East, San Bernadino Meridian, California. John J. Fisher surveyed fractional Township 17 North, Range 22 West, Gila and Salt River Meridian, Arizona, in 1905. In 1960-62, Robert C. Yundt and Donald A. Cannon, resurveyed a portion of the East boundary and surveyed the partition line over accreted lands between sections 19 and 24, Township 17 North, Ranges 21 and 22 West, Gila and Salt River Meridian, Arizona. Paul L. Reeves resurveyed portions of the North and East boundary, the subdivisional lines and the adjusted meanders and surveyed the medial line in sections 1 and 12, in 1980. The following field notes are those of the dependent resurvey of a portion of the east boundary, a survey of accretion lands, a survey of the meanders and informative traverses of the left bank of the abandoned channel of the Colorado River, a survey of a portion of the south boundary of the La Follette Purchase and the adjusted meanders of certain sections of Township 17 North, Range 22 West, Gila and Salt River Meridian, Arizona. The Colorado River meandered through this reach between 1905 and the time of channelization by the U.S. Bureau of Reclamation in the 1950's. The movement of the river prior to channelization was by the slow and imperceptable process of erosion and deposition. Land was thereby added to the land on the Arizona side of the river and land was eroded from the California side of the river. The so-called La Follette Purchase (The Fort Mojave Tribe vs. La Follette, et al., No. CIV 69-324 MR, United States District Court of Arizona, February 2, 1977), described land in Arizona based on San Bernadino Meridian descriptions, ignoring the fact that the Colorado River had eroded the California land away and deposited new land in Arizona in its place. Private Land Surveyors have previously surveyed the theoretical positions for these San Bernadino Meridian descriptions, and they are accepted in this survey for the purpose of describing the La Follette Purchase even though the land is considered accretion to the Arizona sections. The channelization by the U.S. Bureau of Reclamation of the Colorado River in this reach, is considered to have been in the nature of an avulsive movement, which left the boundaries in their position prior to the channelization. In 1962, Leonard W. Murphy and Donald A. Cannon, surveyed this old left bank abandoned by the channelization. That survey was never approved. The division of accretion lines established by Murphy and Cannon, between sections 4 and 9, and between sections 9 and 10, were based on a proportionate division of accretion and were used to describe land to which title was quieted in River Farms vs. Fountain, 21 Arizona Appeals 504, 520 P. 2nd, 1181 (1974). These divisions of accretion lines are accepted in this survey. The subdivision of the accretion to section 15 was surveyed by Nelson E. Myer, Registered Land Surveyor No. 4341, in 1961, prior to the survey by Murphy and Cannon. This subdivision, known as Bermuda Plantation, has been developed and the boundary lines appear to be locally accepted. Myer apparently determined the division of

CHAINS

accretion lines by running lines normal or at right angles from the Colorado River, at the time he surveyed. The division of accretion lines established by Myer, are accepted in this survey.

When Murphy and Cannon surveyed the last natural left bank of the Colorado River in 1962, the active channel was west of the abandoned channel. The river has, in places in section 4, eroded slightly eastward, past the left bank surveyed in 1962. This survey has reestablished the 1962 survey of the old left bank and monumented all the angle points except in those instances where the Colorado River has eroded east of those points. In these instances a meander of the present ordinary high water mark was surveyed and the angle points were not monumented.

The survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and Special Instructions for Group No. 367, dated December 1, 1961, and Supplemental Special Instructions, dated August 5, 1982.

The direction of the lines of this survey was determined by altitude observations on the sun and refer to the true meridian. Distances were measured with a Hewlett Packard 3820A total station.

The geographic position of the northeast corner of section 24, as computed from a tie to the triangulation station "SAN", located in section 27, T. 18 N., R. 22 W., is as follows:

Latitude: 34°51'07.3" N. Longitude: 114°33'38.2" W.

The mean magnetic declination is 14°30' E.

Dependent Resurvey of a Portion of the East Bdy., T. 17 N., R. 22 W., Gila and Salt River Mer., Arizona

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Restoring the 1960-62 Resurvey
by Robert C. Yundt and Donald A. Cannon

Beginning at the cor. of secs. 13, 18, 19 and 24, on the east bdy. of the Tp., monumented with an iron post, 2½ ins. diam., 24 ins. below the surface of road, in a hand hole, with brass cap mkd.

T17N
R22W | R21W
S13 | S18
S24 | S19
1960

Cor. is located in the intersection of roads. Paved road extends N and W, graded gravel road extends E.

from which

An iron post, 2½ ins. diam., projecting 7 ins. above the ground, for a reference monument, bears N. 40½°E., 85 lks. dist., mkd. T17N R21W R M S18 56.1 ft. 1980, and an arrow pointing to the cor.

With a steel fence post alongside the RM.

☆U.S. Government Printing Office: 1980—778-251/292

Dependent Resurvey of a Portion of the East Bdy.,
T. 17 N., R. 22 W., Gila and Salt River Mer., Arizona

CHAINS	
	An iron post, 2½ ins. diam., projecting 7 ins. above ground, for a reference monument, bears S. 63° E., 87.6 lks. dist., mkd. T17N R21W R M S19 57.8 ft., 1980, and an arrow pointing to the cor.
	RM is located alongside a power pole.
	S. 0°15' E., bet. secs. 19 and 24.
	Over level bottom land, bet. track road and cultivated field.
40.00	True point for the 1/4 sec. cor. of secs. 19 and 24, at proportionate dist., falls in an irrigation ditch, 20 lks. wide, 3 ft. deep, flows E.
40.40	The witness 1/4 sec. cor. of secs. 19 and 24, monumented with an iron post, 2½ ins. diam., flush with ground, with brass cap mkd. T17N R22W R21W W 1/4 C S24 ↑ S19 1960
	S. 0°15' E., beginning new measurement.
3.08	Point for the witness point of secs. 19 and 24, at record dist.
	Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. W P T17N R22W R21W S24 | S19 1982
	Set a steel fence post alongside the cor.
	Found the 1960 witness point laying loose, which is an iron post, 28 ins. long, 2½ ins. diam., badly deteriorated, with brass cap mkd. T17N R22W R21W S24 S19 WP 1961
	Destroyed this cor. monument.
	S. 52°06' W., beginning new measurement, over accretion land, on an extension of the line bet. secs. 19 and 24.
	Over level land, through dense undergrowth.

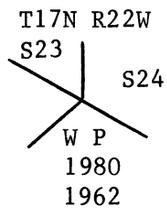
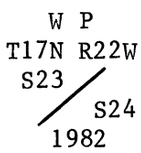
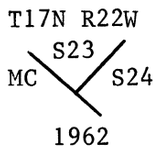
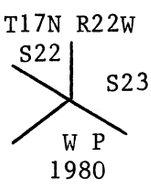
Dependent Resurvey of a Portion of the East Bdy.,
T. 17 N., R. 22 W., Gila and Salt River Mer., Arizona

CHAINS	
24.00	Point selected for a witness point for secs. 19 and 24. Set an iron post, 28 ins. long, 2½ ins. diam., 2 ins. below ground surface, with brass cap mkd. W P T17N R22W R21W S24 / S19 1982 Set a steel fence post alongside the cor. Cor. is located at the northern edge of a track road, bears N. 52° E., and S. 52° W.
44.21	Point for angle point No. 1, Parcel 4, Sec. 19, T. 17 N., R. 21 W., at proportionate dist.; there is no remaining evidence of the 1962 cor., not monumented.
48.18	Point for the meander cor. of secs. 19 and 24, determined from an original cor. accessory. The pump unit of a diesel irrigation pump, bears S. 60°50' E., 1.63 chs. dist. At the cor. point. Set an iron post, 28 ins. long, 2½ ins. diam., 1 in. below surface of center of a gravel road, with brass cap mkd. T17N R22W R21W S24 / S19 MC 1982 from which Water meter No. 811807, on a 20 in. diam. irrigation pipe, bears S. 25°37' E., 135.8 lks. dist. Cor. is located in center of a gravel road, extending S. 67° E., 1.5 chs. dist., and N. 67° W., 2 chs. dist., thence N.

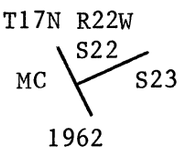
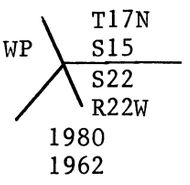
Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

From the record meander cor. of secs. 23 and 24, designated as a witness point in the 1980 Resurvey, monumented with an iron post, 2½ ins. diam., in a 6 in. base of concrete, projecting 2 ins. above the ground, with brass cap mkd.

Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	 With a steel fence post alongside the cor. S. 58°32' W., over accretion land, on an extension of the line bet. secs. 23 and 24. Over level bottom land, through dense arrow weed and salt cedar.
34.00	Point selected for a witness point bet. secs. 23 and 24. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.  Set a steel fence post alongside the cor. Cor. is located at the southerly edge of a track road, bears N. 58½° E., and S. 58½° W.
54.60	The meander cor. of secs. 23 and 24 on the old left bank of the Colorado River, at time of rechannelization, bearing S. 37°52' E., and N. 37°49' W., monumented with an iron post, 2½ ins. diam., 28 ins. long, encased in concrete, in a vitrified clay tile, 40 ins. long, 8 ins. diam. 40 ins. below surface of levee, with brass cap mkd.  Verify the cor. position and add the marks 1982 to the brass cap. Cor. is located 47 lks. W of center of paved road on levee, bears S. 35° E., and N. 40° W. Set a steel fence post approximately 15 lks. westerly from cor.
	From the record meander cor. of secs. 22 and 23, designated as a witness point in the 1980 Resurvey, monumented with an iron post, 2½ ins. diam., 2 ins. below surface of a road, with brass cap mkd. 

Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located in center of N and S paved road. from which An iron post, 2½ ins. diam., projecting 7 ins. above ground, for a reference monument, bears N. 59¾° W., 85.8 lks. dist., mkd. T17N R22W R M S22 56.6 ft. 1980, and an arrow pointing to the cor. RM is located alongside a power pole, power line bears N and S. S. 52°15' W., over accretion land, on an extension of the line bet. secs. 22 and 23. Over level bottom land, through dense arrow weed, salt cedar and mesquite.
7.66	The meander cor. of secs. 22 and 23 on the old left bank of the Colorado River, at time of rechannelization, bears S. 3°54' E., and N. 6°57' W., monumented with an iron post, 28 ins. long, 2½ ins. diam., encased in concrete, in a vitrified clay tile, 40 ins. long, 8 ins. diam., projecting 4 ins. above the ground, with brass cap mkd.  Verify the cor. position and add the marks 1982 to the brass cap. Set a steel fence post alongside the cor.
	From the record meander cor. of secs. 15 and 22, designated as a witness point in the 1980 Resurvey, monumented with an iron post, 2½ ins. diam., 3 ins. below the surface of ground, with brass cap mkd.  Cor. is located at the N edge of intersection of paved streets extending E, SW and NW. S. 28°37' W., over accretion land, on an extension of the line bet. secs. 15 and 22, established by Nelson E. Myer, Registered Land Surveyor, No. 4341, in 1961, and is accepted as a ratable distribution of accretion. Over level bottom land, through dense salt cedar, arrow weed and mesquite.
8.46	Point for the meander cor. of secs. 15 and 22, at intersection with the unapproved, adjusted meander line, established by Leonard W. Murphy and Donald A. Cannon, in 1962, on the old left bank of the Colorado River at the time of rechannelization, bears S. 46°08' E., and N. 46°08' W. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.

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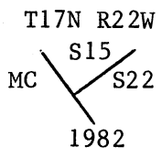
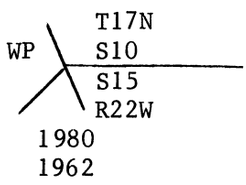
Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	 Set a steel fence post alongside the cor. From this point, the witness meander cor. of sec. 15 and 22, established by Leonard W. Murphy and Donald A. Cannon in the 1962 unapproved survey, bears N. 39°25' W., 2.565 chs. dist. Removed this cor. from its found position and destroyed it. From this same point, the true point for the meander cor. of secs. 15 and 22, established by Leonard W. Murphy and Donald A. Cannon in the 1962 unapproved survey, bears N. 46°08' W., 2.56 chs. dist. This point now functions as an angle point on the informative traverse of sec. 15.
	From the record meander cor. of secs. 10 and 15, designated as a witness point in the 1980 Resurvey, monumented with an iron post, 2½ ins. diam., 4 ins. below the surface of the ground, in a 6 in. base of concrete, with brass cap mkd.  Cor. is located at the N edge of an E and W graded gravel road. from which An iron post, 2½ ins. diam., projecting 7 ins. above ground, for a reference monument, bears N. 71½° E., 145.8 lks dist., mkd. T17N R22W R M S10 96.2 ft. 1980, and an arrow pointing to the cor. RM is located alongside a power pole, lines extend E, S and W. An iron post, 2½ ins. diam., projecting 7 ins. above the ground, for a reference monument, bears S. 70° E., 155 lks. dist., mkd. T17N R22W R M S15 102.3 ft. 1980, and an arrow pointing to the cor. RM is located alongside a street sign. S. 31°09' W., over accretion land, on an extension of the line bet. secs. 10 and 15, established by Nelson E. Myer, Registered Land Surveyor, No. 4341, in 1961, and is accepted as a ratable distribution of accretion. Over level bottom land, through dense salt cedar, arrow weed and mesquite.
35.42	Point selected for a witness point bet. secs. 10 and 15. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.

Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	W P T17N R22W S10 / S15 1982 Set a steel fence post alongside the cor. From this point, a 1 in. diam. open end pipe, projecting 4 ins. above ground, of unknown origin, bears N. 29°24' E., 60.5 lks. dist.
48.49	The northerly most cor. of the Bermuda Plantations Subdivision, established by Nelson E. Myer, Registered Land Surveyor No. 4341, in 1961, monumented with an iron pipe, 1 in. diam., set flush with the ground. Thence along the northwesterly bdy. of the Bermuda Plantations Subdivision.
54.23	A 1 in. diam. open end pipe, set 12 ins. below ground, established by Nathaniel J. Devlin, Registered Professional Engineer No. 1855, in 1974, for the Dunlap Land and Investment Company.
60.545	Point for the meander cor. of secs. 10 and 15, at intersection with the unapproved adjusted meander line established by Leonard W. Murphy in 1962, on the old left bank of the Colorado River, at time of rechannelization, bears S. 62°19' E., and N. 62°19' W. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd. T17N R22W S10 MC S15 1982 Cor. is located .8 lks. N of a cyclone fence, bears N. 31°09' E., and S. 31°09' W., and 67 lks. E of the present left bank of the Colorado River, edge bears S. 50° E., and N. 50° W. From this point the meander cor. of secs. 10 and 15, established by Leonard W. Murphy and Donald A. Cannon, in the 1962 unapproved survey, bears N. 49°38' W., 19.65 chs. dist., hereinafter described. From this same point, a 1 in. diam. iron pipe, projecting 3 ins. above ground, established by Nathaniel J. Devlin, Registered Professional Engineer No. 1855, in 1974, for the Dunlap Land and Investment Co., bears S. 31°09' W., 31 lks. dist.
	From the record meander cor. of secs. 9 and 10, designated as a witness point in the 1980 Resurvey, monumented with an aluminum post, 1 in. diam., 12 ins. below surface of W side of a N and S graded dirt road, with aluminum cap mkd. T17N R22W S9 | S10 WP 1980

Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 51°45' W., over accretion land, on an extension of the line bet. secs. 9 and 10. Over level bottom land, through dense salt cedar, arrow weed and mesquite.
41.73	Point selected for a witness point bet. secs. 9 and 10. Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. below surface of center of an E and W graded gravel road, with brass cap mkd. W P T17N R22W S9 / S10 1982 from which A power pole bears N. 79°39' W., 2.254 chs. dist., with 3 transformers attached.
62.66	Point for the meander cor. of secs. 9 and 10, on the old left bank of the Colorado River, at the time of rechannelization, bears S. 40°51' E., and N. 40°50' W. This point was determined by proportion based on the unapproved survey by Leonard W. Murphy and Donald A. Cannon in 1962. Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T17N R22W S9 S10 MC 1982 Set a steel fence post alongside the cor. from which A mesquite 10 ins. diam., bears N. 83° E., 40 lks. dist., mkd. T17N R22W S10 MCBT.
	From the record meander cor. of secs. 4 and 9, designated as a witness point in the 1980 Resurvey, monumented with an aluminum post, ¾ in. diam., 12 ins. below surface of a dirt road, with aluminum cap mkd. T17N WP S4 S9 R22W 1980 Cor. is located in center of an E and W graded dirt road, and 54 lks. S of a concrete lined irrigation ditch, bears E and W.

Survey of Accretion Lands
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	From this point, the U.S.C.&G.S. triangulation station "SAN", located in sec. 27, T. 18 N., R. 22 W., bears N. 32°47' E., 191.525 chs. dist., monumented with a brass tablet, 3 ins. diam., in a 12 in. base of concrete, projecting 6 ins. above the ground, mkd. SAN 1964 and a triangle in the center of cap.
	S. 56°05' W., over accretion land, on an extension of the line bet. secs. 4 and 9.
	Over level bottom land, through dense salt cedar, arrow weed and mesquite.
34.29	Point selected for a witness point bet. secs. 4 and 9.
	Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. below surface of a road, with brass cap mkd.
	W P T17N R22W S4 / S9 1982
	Cor. is located 8 lks. E of center of a N and S graded gravel road, known as Evans Lane.
	from which
	An iron pipe, 1 in. diam., projecting 1 in. above ground, bears S. 13°46' E., 121 lks. dist., with a steel fence post alongside.
70.15	Point selected for the witness meander cor. of secs. 4 and 9.
	Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	W C T17N R22W MC \ S4 ← S9 1982
	Set a steel fence post alongside the cor.
70.20	True point for the meander cor. of secs. 4 and 9, on the left bank of the Colorado River, bears S. 13°40' E., and N. 18°40' W. Falls on edge of present bank where it is impracticable to monument.
	From the true point for the meander cor. of secs. 4 and 9, a 5/8 in. rebar bears S. 79°14' E., 5.47 lks dist., with tag attached and mkd. LS 4307.

Survey of Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the adjusted meanders of the left bank of the abandoned channel of the Colorado River, as surveyed by Leonard W. Murphy and Donald A. Cannon in the unapproved 1962 survey. In places the bank is still sharp and distinct, but in other places the bank is faint and some vegetation lines are still visible.

From the meander cor. of secs. 19 and 24, T. 17 N., Rs. 21 and 22 W., heretofore described.

With the meanders of the left bank of the abandoned channel of the Colorado River, in sec. 24, upstream.

N. 70°58' W., 2.06 chs. — Point for angle point No. 1.

Set an iron post, 28 ins. long, 2½ ins. diam., 4 ins. below road surface, with brass cap mkd.

T17N R22W
S24
AP1
1982

Cor. is located in southerly edge of a track road, extending northerly and S. 65° E.

S. 86°53' W., 6.59 chs. — Point for angle point No. 2.

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

T17N R22W
S24
AP2
1982

Set a steel fence post alongside the cor.

S. 70°37' W., 8.755 chs. — Point for angle point No. 3.

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

T17N R22W
S24
AP3
1982

Set a steel fence post alongside the cor.

Survey of Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS		
	S. 65°39' W., 8.815 chs.	Point for angle point No. 4. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP4 1982 Set a steel fence post alongside the cor.
	S. 63°20' W., 8.355 chs.	Point for angle point No. 5. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP5 1982 Set a steel fence post alongside the cor.
	S. 71°20' W., 5.62 chs.	Point for angle point No. 6. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP6 1982 Set a steel fence post alongside the cor.
	S. 85°51' W., 4.43 chs.	Point for angle point No. 7. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP7 1982 Set a steel fence post alongside the cor.

Survey of Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS		
	N. 79°09' W., 6.26 chs.	Point for angle point No. 8. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP8 1982 Set a steel fence post alongside the cor. Cor. is located 20 lks. N of a levee road, bears S. 65° E., and N. 76° W., and 32 lks. S of a fence line, bears S. 67° E., and N. 67° W.
	N. 72°09' W., 8.05 chs.	Point for angle point No. 9. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP9 1982 Set a steel fence post alongside the cor. Cor. is located 14 lks. N of a levee road, bears S. 65° E., and N. 81° W., and 126 lks. W of a fence line, bears S. 76° E., and N. 71° W.
	N. 69°24' W., 9.06 chs.	Point for angle point No. 10. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S24 AP10 1982 Set a steel fence post alongside the cor.

Survey of the Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS		
		From this point a 5/8 in. diam. rebar bears S. 35°55' E., 5.05 chs. dist., set by Vernon Jones, Registered Land Surveyor, No. 6351.
	N. 56°23' W., 16.25 chs.	Point for angle point No. 11.
		Set an iron post, 28 ins. long, 2½ ins. diam., 4 ins. below the ground, with brass cap mkd. T17N R22W S24 AP11 1982
		Cor. is located 27 lks. W of center of paved levee, bears S. 36° E., and N. 36° W.
	N. 37°52' W., 17.86 chs.	The meander cor. of secs. 23 and 24, heretofore described.
	Continue with a traverse of the left bank of the abandoned channel of the Colorado River, in sec. 23, for informational purposes only, upstream.	
	N. 37°49' W., 4.18 chs.	
	N. 44°07' W., 13.69 chs.	
	N. 46°18' W., 30.73 chs.	
	N. 43°53' W., 8.14 chs.	
	N. 3°54' W., 6.49 chs.	The meander cor. of secs. 22 and 23, heretofore described.
	Continue with the meanders of the left bank of the abandoned channel of the Colorado River, in sec. 22, upstream.	
	N. 6°57' W., .63 chs.	Point for angle point No. 1.
		Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd. T17N R22W S22 AP1 1982
		Set a steel fence post alongside the cor.

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CHAINS		
	N. 46°08' W., .26 chs.	The meander cor. of secs. 15 and 22, on the southerly bdy. of the Bermuda Plantations Subdivision, heretofore described.
	Continue with a traverse of the left bank of the abandoned channel of the Colorado River, in sec. 15, for informational purposes only, upstream.	
	N. 46°08' W., 2.56 chs.	Point for the meander cor. of secs. 15 and 22, established by Leonard W. Murphy and Donald A. Cannon in the 1962 unapproved survey, which now functions as an angle point only, on the informative traverse of sec. 15, heretofore described.
	N. 45°27' W., 9.01 chs.	
	N. 64°34' W., 4.74 chs.	
	N. 73°06' W., 4.91 chs.	
	N. 80°23' W., 4.21 chs.	
	N. 75°52' W., 4.45 chs.	
	N. 64°11' W., 4.67 chs.	
	S. 85°50' W., 8.68 chs.	
	N. 61°24' W., 13.77 chs.	
	N. 63°15' W., 12.66 chs.	
	N. 67°35' W., 15.46 chs.	
	N. 79°52' W., 6.64 chs.	
	N. 62°19' W., 3.56 chs.	The meander cor. of secs. 10 and 15, on the northerly bdy. of the Bermuda Plantations Subdivision, heretofore described.
	Continue with the meanders of the left bank of the abandoned channel of the Colorado River, in sec. 10, upstream.	
	N. 62°19' W., 3.89 chs.	Point for angle point No. 1, falls on the side of river bank where it is impracticable to monument.
	N. 46°32' W., 15.87 chs.	Point for angle point No. 2, monumented with an iron post, 28 ins. long, 2½ ins. diam., encased in concrete, in a vitrified clay tile, 40 ins. long, 8 ins. diam.,

CHAINS		
		flush with ground, mkd. as a meander cor. for secs. 10 and 15, by Leonard W. Murphy and Donald A. Cannon, in the 1962 unapproved survey, remove the marks from the cap and mark it to read. T17N R22W S10 AP2 1982 Set a steel fence post alongside the cor. from which A mesquite, 8 ins. diam., bears N. 22½° W., 34.5 lks. dist., mkd. AP2 S10 BT. From this point a Bureau of Reclamation elevation bench mark bears S. 72°18' W., 94 lks. dist., monumented with an iron post, 2½ ins. diam., in concrete, projecting 24 ins. above eroded river bank with brass cap mkd. 423 V 306 M 66 Elev. 472 FT. above mean sea level.
	N. 46°21' W., 2.36 chs.	Point for angle point No. 3. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd. T17N R22W S10 AP3 1982 Set a steel fence post alongside the cor.
	N. 27°19' W., 5.34 chs.	Point for angle point No. 4. Set an iron post, 28 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd. T17N R22W S10 AP4 1982

Survey of Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post alongside the cor.
	from which
	A mesquite, 10 ins. diam., bears N. 64° E., 34.5 lks. dist., mkd. AP 4 S10 BT.
N. 43°16' W., 22.33 chs.	Point for angle point No. 5.
	Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. below ground, with brass cap mkd.
	T17N R22W S10 AP5 1982
	Cor. is located in the southerly edge of a track road, bears N. 56° E., and S. 56° W.
	Set a steel fence post approximately 2 lks. southerly from cor.
	from which
	A mesquite, 8 ins. diam., bears N. 2° E., 43.5 lks. dist., mkd. AP 5 S10 BT.
N. 40°51' W., 3.64 chs.	The meander cor. of secs. 9 and 10, heretofore described.
	Continue with a traverse of the left bank of the abandoned channel of the Colorado River, in sec. 9, for informational purposed only, upstream.
N. 40°50' W., 10.75 chs.	
N. 34°09' W., 7.13 chs.	
N. 37°38' W., 7.41 chs.	
N. 30°26' W., 19.01 chs.	
N. 25°54' W., 11.31 chs.	
N. 25°02' W., 4.15 chs.	
N. 20°05' W., 3.31 chs.	Thence along the present left bank of the Colorado River.
N. 13°40' W., 1.14 chs.	True point for the meander cor. of secs. 4 and 9, heretofore described.

Survey of Meanders and Informative Traverses of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS		
	Continue with the meanders of the left bank of the Colorado River, in sec. 4, upstream.	
	N. 18°40' W., 1.53 chs.	Point for angle point No. 1, not monumented. From the point for angle point No. 1, a local cor., of unknown origin, bears S. 57°04' E., 9.9 lks. dist., monumented with an open end pipe, projecting 40 ins. above ground.
	N. 14°00' W., 2.89 chs.	Point for angle point No. 2, not monumented.
	N. 25°39' W., 4.95 chs.	Point for angle point No. 3, falls on a concrete footing on W side of pier for a pipe line bridge across the Colorado River. At the cor. point. Drive a 1 in. diam. aluminum sleeve in a drill hole, set a brass tablet 3 1/4 ins. diam., 3½ in. stem in aluminum sleeve, with top mkd. T17N R22W S4 AP3 1982
	N. 9°24' W., 3.29 chs.	Point for angle point No. 4, not monumented.
	N. 11°06' W., 16.59 chs.	Point for angle point No. 5. Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T17N R22W S4 AP5 1982 Set a steel fence post alongside the cor. Cor. is located 10 lks. E of bank edge and at the W edge of a track road that follows the river bank. From this point a 5/8 in. diam. rebar bears N. 10°57' W., 65 lks. dist., with tag attached and mkd. LS 6851, with a steel fence post alongside.

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Survey of Meanders and Informative Traverse of the
Left Bank of the Abandoned Channel of the Colorado River,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS		
		Continue along the left bank of the abandoned channel.
	N. 3°12' W., 7.90 chs.	Point for angle point No. 6.
		Set an iron post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd. T17N R22W S4 AP6 1982
		Cor. is located 15 lks. E of river bank edge and in center of a track road that follows the river bank.
	N. 3°02' E., 2.745 chs.	Intersect the S bdy. of the La Follette Purchase.
		At the intersection point.
		Set an iron post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd. W P 1982
		Cor. is located in the W side of a track road that follows the river bank.
		from which
		X BO stamped on N rail of a cattle guard bears S. 30° E., 5.2 lks. dist.
		From the intersection point a 5/8 in. diam. rebar bears N. 89°59' W., 16.5 lks. dist., with tag attached and mkd. LS 6851.
	Survey of a Portion of the South Bdy. of the La Follette Purchase, T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona	
	From the witness point on the S bdy. of the La Follette Purchase, heretofore described.	
	S. 89°59' E., on the S bdy. of the La Follette Purchase, formerly the sec. line bet. secs. 12 and 13, T. 9 N., R. 22 E., San Bernadino Meridian, California.	
17.57	At this dist. on the S bdy. of the La Follette Purchase, found a 1 in. diam. pipe, with tag attached to center, mkd. LS 2380.	

Survey of a Portion of the South Bdy. of the La Follette Purchase, T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS	
37.56	At this dist. on the S bdy. of the La Follette Purchase, found a 1½ in. diam. pipe, with tag attached to center, mkd. LS 2380. This point was formerly the cor. of sec. 7, 12, 13 and 18, T. 9 N., Rs. 22 and 23 E., San Bernadino Meridian, California.
48.66	The southeasterly cor. of the La Follette Purchase, monumented with an iron pipe, 1 in. diam., 6 ins. below ground, with a tag attached to center and mkd. LS 2380. This point is the former meander cor. of secs. 7 and 18, T. 9 N., R. 23 E., San Bernadino Meridian, California, that was established on the right bank of the Colorado River in 1883. From this point the record meander cor., designated as a witness point in the 1980 Resurvey, of secs. 4 and 9, T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona, that was established on the left bank of the Colorado River in 1883, bears N. 88°54' E., 16.945 chs. dist., heretofore described.

Adjusted Meanders of Certain Sections,
T. 17 N., R. 22 W., Gila and Salt River Mer., Arizona

Restoring the 1905 survey by John J. Fisher

Section 24

From the witness point of secs. 19 and 24, on the E bdy. of the Tp., heretofore described, upstream, with the adjusted meanders of the 1905 survey.

S. 81°33' W., 7.12 chs. dist.

N. 84°14' W., 5.91 chs. dist.

N. 88°43' W., 13.82 chs. dist.

N. 79°44' W., 3.00 chs. dist.

N. 89°28' W., 12.82 chs. dist.

N. 83°29' W., 9.11 chs. dist.

N. 72°14' W., 5.50 chs. dist.

N. 62°45' W., 3.60 chs. dist.

N. 60°30' W., 2.10 chs. dist.

N. 37°42' W., 1.50 chs. dist.

N. 58°46' W., 1.30 chs. dist.

N. 75°25' W., 6.90 chs. dist.

N. 71°14' W., 5.90 chs. dist.

N. 45°58' W., 4.89 chs. dist.

N. 17°22' W., 2.02 chs. dist.

GPO 834-634

Adjusted Meanders of Certain Sections,
T. 17 N., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS

The witness point of secs. 23 and 24, heretofore described.

Section 22

From the witness point of secs. 22 and 23, heretofore described, upstream, with the adjusted meanders of the 1905 survey.

N. 48°14' W., 1.99 chs. dist.

N. 19°25' W., 2.35 chs. dist.

The witness point of secs. 15 and 22, heretofore described.

Section 10

From the witness point of secs. 10 and 15, heretofore described, upstream, with the adjusted meanders of the 1905 survey.

N. 38°12' W., 2.39 chs. dist.

N. 40°42' W., 15.16 chs. dist.

N. 42°58' W., 3.49 chs. dist.

N. 37°56' W., 1.895 chs. dist.

N. 31°25' W., 5.19 chs. dist.

N. 21°51' W., 3.50 chs. dist.

The witness point of secs. 9 and 10, heretofore described.

General Description

The land encompassed in this survey is located just east of Needles, California, and the Colorado River, in the Mohave Valley. The elevation is about 475 ft. above sea level.

The soil consists of a sandy loam of which is covered with dense brush, salt cedar, arrow weed and mesquite.

Access is by way of a levee road and a number of improved graded gravel roads.

	CHAINS		

GPO 834-634

Form 9600–11
(August 1979)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Kevin L. Miller	Surveying Technician
Delbert L. Bybee	Survey Aid
Donald L. Brewer	Survey Aid
Neil A. Hemminger	Survey Aid

CERTIFICATE OF SURVEY

(I) ~~(We)~~, Paul L. Reeves, Cadastral Surveyor , HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of December , 19 61 , ~~(XXXXXXXXXXXX~~ and Supplemental Special Instructions dated August 5, 1982, (I) have dependently resurveyed a portion of the east boundary, surveyed accretion lands, meanders and traverses of the left bank of the abandoned channel of the Colorado River, a portion of the south boundary of the La Follette Purchase and the adjusted meanders of certain sections of Township 17 North, Range 22 West,

of the Gila and Salt River Meridian, in the State of Arizona , which are represented in the foregoing field notes as having been executed by (me), ~~(XX~~ and under (my) ~~(XXX~~ 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.

9/16/82 — (Date)

Paul L. Reeves — (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
~~Denver, Colorado~~
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary, a survey of accretion lands, a survey of the meanders and informative traverses of the left bank of the abandoned channel of the Colorado River, a survey of a portion of the south boundary of the La Follette Purchase and the adjusted meanders of certain sections of Township 17 North, Range 22 West, Gila and Salt River Meridian, Arizona

executed by Paul L. Reeves, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

September 16, 1982 — (Date)

James P. Kelley — ~~(Cadastral Survey Examination and Approval Staff)~~
Chief Cadastral Surveyor of Arizona

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in , is a true copy of the original field notes.

(Date)

(Chief, Cadastral Survey Examination and Approval Staff)

GPO 852 - 326