

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

4585

ORIGINAL
FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH AND WEST BOUNDARIES

AND A PORTION OF THE SUBDIVISION

THE EXTENSION SURVEY OF A PORTION OF THE WEST BOUNDARY

AND A PORTION OF THE SUBDIVISION

THE SURVEY OF A PORTION OF THE SECTIONAL SUBDIVISION

AND A PORTION OF THE MEANDERS OF THE LEFT BANK OF THE COLORADO RIVER

OF

TOWNSHIP 2 SOUTH, RANGE 23 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald A. Cannon, Cadastral Surveyor

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Under special instructions dated September 15, 1960, which provided

for the surveys included under Group No. 355, approved September 22, 1960
and supplemental special instructions dated January 17, 1961, approved Feb. 8, 1961,
and assignment instructions dated September 26, 1960

Survey commenced February 6

Survey completed March 10

1A

4585

BOOK 4585
INDEX DIAGRAM

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Township 2 South, Range 23 West

Chains

Portions of the north, south and west boundaries and subdivision of T. 2 S., R. 23 W., Gila and Salt River Meridian, Arizona, were surveyed by J. A. Barry in 1901. A portion of the south boundary was surveyed and the remainder dependently resurveyed as the north boundary of T. 3 S., R. 23 W. by W. B. Kimmel in 1915. A portion of the south boundary was dependently resurveyed by D. R. Averill in 1946. The boundaries of section 6 were dependently resurveyed by R. C. Yundt in 1960.

The following field notes are those of a dependent resurvey of a portion of the south boundary, a dependent resurvey of the west boundary, a dependent resurvey of a portion of the subdivision, and an extension survey of a portion of the west boundary and subdivision of the omitted lands in the township. A portion of the sectional subdivision was surveyed, which is sufficient in extent to separate the patented land from the public domain. The survey was made at the request of the U. S. Bureau of Reclamation.

The surveyed lines were carried forward by sustained angulation. The direction of these lines was determined from meridians established by astronomical observations, which were set up at a number of stations in the township. The length of the inaccessible lines was determined by traverse and triangulation methods; the details of such traverses and triangulations have been thoroughly verified and to simplify the record are omitted from these field notes. The length of the accessible lines was determined by chaining; the measurements were made on the slope, the vertical angle of each interval determined, and the slope distances reduced to their horizontal equivalents, which appear in the field note record. The distance to topography on the inaccessible lines was scaled from modern and reliable topographic maps, published by the U. S. Geological Survey.

The survey was executed with W. and L. E. Gurley solar transit number 541331, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was maintained in proper adjustment during the course of the survey. The chaining was accomplished with a narrow steel tape, eight chains in length; it was graduated every link for the first chain and thereafter at ten link intervals. The tape was tested by comparison with a standard steel tape, one chain in length, and found to be correct. The slope angles were determined by a clinometer, which was maintained in good adjustment.

Before restoring the corners of the resurvey, a search was made for any evidence of the corners and accessories called for in the original field notes. The recovered corners, where necessary, were then re-monumented. Local corners were used when they were accepted by the local inhabitants and local surveyors. After completing the necessary retracements to connect the identified corners, the rules of proportionate measurement were applied to ascertain the position of the lost corners. Where no other control was possible the corners were restored at original course and distance. The corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by the random and true method, but for simplification of the record the random lines are omitted from these field notes.

The geographic position of the southeast corner of section 31 is latitude $33^{\circ} 12' 05.74''$ N. and longitude $114^{\circ} 39' 44.10''$ W., as determined by a tie and section line traverse from U. S. Geological Survey triangulation station "Toofer", which is located in section 31, near the quarter corner of section 6.

The magnetic declination was read at a number of stations in the township and the average of the several readings was found to be $14^{\circ} 30'$ East.

Dependent Resurvey, Portion of S. Bdy., T. 2 S., R. 23 W.

Chains	Dependent Resurvey of a Portion of the South Boundary, T. 2 S., R. 23 W.
	<p>Reestablishment of the surveys executed by Barry, Kimmell and Averill.</p> <p>Beginning at the $\frac{1}{4}$ sec. cor. of sec. 32 on the S. bdy. of the Tp., mkd. by an iron post, 1 in. diam., conforming to the official record.</p> <p>S. $89^{\circ} 56' W.$, on dependent resurvey of the S. bdy. of sec. 32.</p> <p>Over rolling benchland, through scattered to medium undergrowth; along the S. slope of a spur.</p>
2.90	Spur, slopes S. $75^{\circ} W.$ about 1 ch. to end; desc. 30 ft. along N. slope.
4.10	South edge of bottom of wide draw, bears NE. and W., irregularly; desc. 50 ft. along bottom of draw.
35.52	From this point the witness cor. of secs. 5 and 6 bears S. $02^{\circ} 09' E.$, 280 chs. dist.
40.05	Point for the cor. of secs. 31 and 32, as adjusted to the dependent resurvey by D. R. Averill in 1946.
	<p>Set a "Transite" pipe, 6 ft. long, 5 ins. diam., filled with concrete, with a bronze tablet set in the top, 36 ins. in the ground, with tablet mkd:</p> <p style="text-align: center;">T2S R23W S31 S32 1961</p> <p>Build a large mound of stone, 4 ft. base, cemented together with concrete, around the cor.</p> <p>Land, rolling benchland. Soil, sand and gravel. Timber, palo-fierro, palo-verde, and mesquite. Undergrowth, greasewood and salt cedar.</p>
	S. $89^{\circ} 54' W.$, on dependent resurvey of the S. bdy. of sec. 31.
	Over the bottom of a wide flat draw, draining W.; through scattered timber and undergrowth; desc. 40 ft.
26.70	North edge of draw bottom, bears N. $80^{\circ} E.$ and S. $80^{\circ} W.$; asc. 40 ft. along S. slope.
29.40	North rim of draw, bears N. $80^{\circ} E.$ and S. $80^{\circ} W.$
29.70	Track road, bears N. $70^{\circ} E.$ and W., irregularly; desc. 5 ft. over flat-topped spur sloping W.
35.55	The $\frac{1}{4}$ sec. cor. of sec. 6, mkd. by an iron post, 1 in. diam., firmly set, conforming to the 1946 dependent resurvey.
	From this cor. U. S. Geological Survey triangulation station "Toofer" bears N. $79^{\circ} 48' W.$, 41 lks. dist.

Dependent Resurvey, Portion of S. Bdy., T. 2 S., R. 23 W.

Chains

39.15 The witness $\frac{1}{4}$ sec. cor. of sec. 31, mkd. by an iron post, 1 in. diam. conforming to the 1946 dependent resurvey.

39.20 West rim of benchland, bears N. 60° W. and S. 70° E.; desc. 20 ft. over SW. slope.

40.07 The $\frac{1}{4}$ sec. cor. of sec. 31, mkd. by an iron post, 1 in. diam., conforming to the 1946 dependent resurvey.

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

Desc. 30 ft. over SW. slope.

.90 Track road, at base of descent, bears N. 60° W. and S. 60° E.; thence, over Colorado River bottomland, through dense undergrowth with a scattering of timber.

1.12 The witness meander cor. of secs. 6 and 31, for the left bank of the Colorado River, mkd. by an iron post, 1 in. diam., conforming to the official record.

15.60 The mean high water mark on the left bank of the Colorado River and true point for the meander cor. of secs. 6 and 31, falls on a low and insecure bank, where the cor. cannot be perpetuated.

The true point for the meander cor. of secs. 20 and 29, T. 11 S. R. 22 E., S.B.M., Calif., bears S. 56° 12' W., 30.52 chs. dist.

Land, rolling benchland, descending to the bottomlands along the Colorado River.

Soil, gravel, sand and silt.

Timber, cottonwood, palo verde and palo fierro.

Undergrowth, salt cedar, willows and greasewood.

Dependent Resurvey of the West Boundary of T. 2 S., R. 23 W.

Reestablishment of the survey executed by J. A. Barry in 1902.

Beginning the resurvey at the cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp., established at record course and dist. from the cor. of secs. 17, 18, 19 and 20; there is no remaining evidence of the original cor.

Set a "Transite" pipe, 7 ft. long, 5 ins. diam., filled with concrete, with a bronze tablet, set in the top, 42 ins. in the ground, with tablet mkd.

T2S

R24W R23W

S13 | S18

S24 | S19

1961

South, record course, on dependent resurvey bet. secs. 19 and 24.

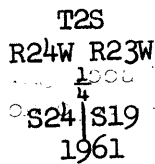
Over nearly level land, through dense undergrowth and timber.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, at record course and dist.; there is no remaining evidence of the original cor.

Dependent Resurvey, W. Bdy., T. 2 S., R. 23 W.

Chains

Set a "Transite" pipe, 5 ft. long, 5 ins. diam., filled with concrete, with a bronze tablet set in the top, 24 ins. in the ground, with tablet mkd.

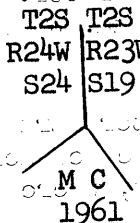


Cont. on same line, with continuous measurement.

50.00

Point for the original meander cor. of secs. 19 and 24, at original course and dist.; there is no remaining evidence of the original cor.

Set a "Transite" pipe, 5 ft. long, 5 ins. diam., filled with concrete, with a bronze tablet set in the top, 30 ins. in the ground, mkd.



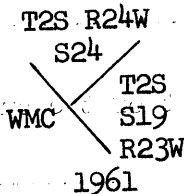
Thence

S. 58° 41' W. across the accretion land, on a line normal to the present center of the Colorado River.

5.02

Point selected for the witness meander cor. of secs. 19 and 24, on present left bank of the Colorado River.

Set a "Transite" pipe, 7 ft. long, 5 ins. diam., filled with concrete, with a bronze tablet set in the top, 42 ins. in the ground, mkd.



5.15

Track road, bears N. 30° W. and S. 30° E.

5.34

The present mean high water mark and the true point for the meander cor. of secs. 19 and 24, on the left bank of the Colorado River. A cutbank about 5 ft. high, bears N. 31° 19' W. and S. 31° 19' E., where the cor. cannot be perpetuated.

Land, nearly level flood plain of the Colorado River. Soil, silt.

Timber, scattered mesquite and cottonwood. Undergrowth, salt cedar, rushes and arrowweed.

34.05

From the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp. North, record course, on dependent resurvey bet. secs. 13 and 18.

Over level flood plain, through dense undergrowth and timber.

Point selected for the witness meander cor. of secs. 13 and 18.

Dependent Resurvey, W. Bdy., T. 2 S., R. 23 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.

WMC

S13 S18

T2S

R24W R23W

1961

34.15 Track road, bears NE. and SW.

34.80 The mean high water mark on the left bank of the Colorado River and true point for the meander cor. of secs. 13 and 18, a cut bank, 5 ft. high, bears NE. and SW., where the cor. cannot be perpetuated.

Land, nearly level flood plain of the Colorado River.

Soil, fine silt.

Timber, scattered cottonwood and palo fierro.

Undergrowth, salt cedar, arrowweed and mesquite.

From the cor. of Tps. 1 and 2 S., Rs. 23 and 24 W., monumented by an iron post, 2½ ins. diam., firmly set in the ground, conforming to the record of the dependent resurvey of T. 1 S., R. 24 W., concurrently resurveyed.

Thence

South, record course, bet. secs. 1 and 6.

Over nearly level land, along the E. side of an unimproved road, with dense undergrowth and timber on both sides of the road, along an old fence line.

39.92 The cor. of fences bearing N. and E.

40.00 The ¼ sec. cor. of secs. 1 and 6, an iron post, 2½ ins. diam., firmly set in the ground, conforming to the record of the dependent resurvey of T. 2 S., R. 23 W., surveyed by R. C. Yundt in 1960.

Cont. on same line, beginning new measurement.

13.00 Trail road, curves SE.

13.20 Slough, 70 ft. wide, 5 ft. deep, bears NW. and SE.

20.50 Trail road, curves from the NE., thence irregularly S.

25.50 The 1902 meander cor. of secs. 1 and 6, an iron post, 2½ ins. diam., firmly set, conforming to the record of the dependent resurvey of T. 2 S., R. 23 W., surveyed by R. C. Yundt in 1960.

South, beginning new measurement.

On extension survey to include lands omitted from the original survey along the W. bdy. of T. 2 S., R. 23 W.

Extension Survey, W. Bdy., T. 2 S., R. 23 W.

Chains

14.28

The cor. of secs. 1, 6, 7 and 12, established at the intersection of the extension of the sec. lines from the N. and E.

Set an iron post, 30 ins. long, 2½ ins. diam., 25 ins. in the ground with a collar of concrete, 6 ins. diam., extending from the base of iron post to the brass cap, with brass cap mkd.

T2S
R24W R23W
S 1 | S 6
S 12 | S 7
1961

Land, nearly level river bottom.
Soil, sandy clay.
Timber, mesquite, iron wood and palo verde.
Undergrowth, salt cedar and arrowweed.

South, on an extension survey bet. secs. 7 and 12, across omitted land.

Over nearly level land, through dense undergrowth.

.55 Point selected for the witness meander cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.

T2S
R24W R23W
S 12 | S 7
WMC
1961

.70

The mean high water mark of the left bank of the Colorado River, a cutbank about 5 ft. high, bears N. 66° W. and S. 66° E.; true point for the meander cor. of secs. 7 and 12, falls in unsafe place, where the cor. cannot be perpetuated.

Land, nearly level bottomland of the Colorado River.
Soil, sandy clay.
Timber, mesquite and palo fierro.
Undergrowth, salt cedar and arrowweed.

Dependent Resurvey of a Portion of the Subdivision, T. 2 S., R. 23 W.

Reestablishment of the survey executed by J. A. Barry in 1902.

Beginning at the cor. of secs. 31 and 32 on the S. bdy. of the Tp.

N. 0° 15' W., on dependent resurvey, bet. secs. 31 and 32.

Over nearly level rocky bottom of wide draw, through medium undergrowth.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains	
7.00	North edge of bottom of draw, bears N. 85° E. and S. 85° W.; asc. 50 ft. over S. slope.
8.90	North rim of gulch, bears N. 85° E. and S. 85° W.; cont. over flat topped spur, on slight W. slope.
12.10	Track road, on spur sloping W., bears N. 70° W. and W.; cont. over top of spur.
16.60	South rim of gulch, bears S. 80° E. and S. 60° W.; desc. 30 ft. over N. slope.
21.10	Wash, in bottom of gulch, 50 lks. wide, 3 ft. deep, drains W.; asc. 40 ft. over S. slope.
23.20	Spur, slopes W.; desc. 50 ft. over N. slope.
29.80	South edge of wide flat bottom draw, bears N. 70° E. and S. 70° W.; cont. across bottom of draw.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 31 and 32, which is a malpais stone, 8 ins. x 8 ins. x 10 ins., mkd. $\frac{1}{4}$ on the W. face, set 6 ins. in the ground. There is a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	At the same point
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a collar of stone, with brass cap mkd.
	T2S R23W
	$\frac{1}{4}$ S31 S32
	1960
	Deposit original stone alongside iron post.
	N. 0° 14' W., beginning new measurement.
.80	Center of draw, drains S. 30° W. from NE.
7.20	North edge of bottom of draw, bears NE. and SW.; asc. 60 ft. over SE. slope.
8.80	North rim of draw, bears NE. and SW.; cont. over benchland sloping W.
22.70	South rim of small gulch, bears N. 70° W. and S. 70° E.; desc. 70 ft. over NE. slope.
25.40	Wash, 250 lks. wide, 3 ft. deep, drains N. 70° W.; asc. 60 ft. over S. slope.
28.70	North edge of gulch, bears N. 70° W. and S. 70° E.; cont. over bench on general W. slope.
37.80	South edge of gulch, bears N. 60° E. and S. 60° W.; desc. 70 ft. over NW. slope.
40.22	The cor. of secs. 29, 30, 31 and 32, which is a malpais stone, 5 ins. x 10 ins. x 15 ins., set 8 ins. in the ground, mkd. with 5 notches on E. face and 1 notch on the S. face, witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

At the same point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T2S R23W

S30 | S29

S31 | S32

1960

Deposit original stone alongside iron post.

Land, rolling benchland. Soil, sand and gravel. Timber, palo verde, palo fierro and mesquite. Undergrowth, greasewood.

N. 0° 10' W., on dependent resurvey bet. secs. 29 and 30.

Over rolling benchland, through scattered undergrowth.

.10 Wash, 20 lks. wide, 2 ft. deep, drains S. 60° W.; asc. 40 ft. over S. slope.

4.20 Spur, slopes W.; desc. 30 ft. over minor spurs and drains putting W.

17.00 Wash, 20 lks. wide, 2 ft. deep, drains S. 70° W.; asc. 50 ft. over S. slope.

26.60 Ridge spur, slopes W.; road on top of spur, bears N. 80° E. and N. 70° W.; desc. 50 ft. over rolling W. slope.

31.20 Wash, 40 lks. wide, 1 ft. deep, drains N. 70° W.; asc. 30 ft. over S. slope.

33.90 Rim of bench, bears N. 70° W. and S. 70° E.; cont. over bench on slight W. slope.

40.12 The 1/4 sec. cor. of secs. 29 and 30, a malpais stone, 16 ins. x 10 ins. x 4 ins., mkd. 1/4 on W. face, set 8 ins. in the ground.

At the same point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T2S R23W

S30 | S29

1/4

1960

Deposit original stone alongside iron post.

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of the post.

N. 0° 12' W., beginning new measurement.

.90 West end of landing strip, bears SE. from line, desc. 10 ft. along W. slope.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

- 8.70 Track road, bears NW. and SE.
- 10.50 South rim of gulch, bears N. 30° W. and S. 30° E.; desc. 50 ft. over NE. slope.
- 20.065 Point for the N. 1/16 sec. cor. of secs. 29 and 30, at midpoint.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
- T2S R23W
N1/16
S30|S29
1961.
- 20.90 Wash, 30 lks. wide, 1 ft. deep, in bottom of gulch, drains NW.; asc. 50 ft. over SW. slope.
- 24.30 Spur, slopes NW.; desc. 40 ft. over NE. slope.
- 28.10 Small wash, drains NW.; asc. 20 ft. over SW. slope.
- 30.70 Low spur, slopes W. from SW.; desc. 30 ft. over N. slope.
- 33.20 Wash, 30 lks. wide, 1 ft. deep, drains W.; asc. 30 ft. over S. slope.
- 37.80 North rim of gulch, bears E. and W.; cont. over top of bench on slight W. slope.
- 38.60 Road, bears N. 80° E. and S. 80° W.
- 40.13 The cor. of secs. 19, 20, 29 and 30, which is a malpais stone, 24 ins. x 16 ins. x 14 ins., mkd. with 5 notches on the E. face and 2 notches on the S. face, set 14 ins. in the ground, witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- At the same point
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.
- T2S R23W
S19|S20
S30|S29
1961
- Set original cor. alongside iron post.
- Land, rolling benchland.
Soil, sand and gravel.
Timber, none.
Undergrowth, scattered greasewood, palo verde and palo fierro.
- N. 0° 08' W., on dependent resurvey bet. secs. 19 and 20.
Over rolling benchland, through scattered to medium undergrowth and timber.
- 12.50 South rim of wide draw, bears N. 80° E. and N. 70° W.; desc. 30 ft. over N. slope.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains	
13.40	South edge of bottom of draw, bears N. 80° E. and N. 70° W.; cont. over bottom of draw, through medium timber and undergrowth.
20.10	Point for the south 1/16 sec. cor. of secs. 19 and 20, at midpoint. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in concrete, with brass cap mkd. T2S R23W S1/16 S19 S20 1961
27.10	Track road, bears E. and W.
31.30	North edge of bottom of draw, bears N. 80° E. and S. 80° W.; asc. 30 ft. over S. slope.
33.20	Spur, projects S. 70° W.; desc. 30 ft. over NW. slope.
37.40	Bottom of swale, slopes W.; asc. 30 ft. over SW. slope.
40.10	Top of ascent slopes W.
40.20	The ¼ sec. cor. of secs. 19 and 20, which is a malpais stone, 26 ins. x 16 ins. x 12 ins., mkd. ¼ on W. face, set 14 ins. in the ground, witnessed by a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. At the same point Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a collar of stone, with brass cap mkd. T2S R23W S19 S20 1961 Bury original cor. alongside iron post.
	N. 0° 11' W., beginning new measurement.
	Desc. 30 ft. over NW. slope.
3.10	Base of descent, bears N. 30° E. and S. 30° W.; enter bottom land of Cibola Valley.
14.00	Bladed road, bears N. 15° E. and S. 15° W.
15.20	Begin ascent of spur, bears N. 10° W. and SE.; asc. 30 ft. over SW. slope.
19.975	Point for the N. 1/16 sec. cor. of secs. 19 and 20, at midpoint. Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. T2S R23W N1/16 S19 S20 1961 Raise a small mound of stone, W. of cor.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

- 20.30 Top of ascent, slopes W.; desc. 30 ft. along broken W. slope.
- 26.40 Base of descent, bears NE. and S.; cont. over bottom land.
- 36.30 Small spur, about 20 ft. high, projects S. 70° W. about 1 ch. to end.
- 39.95 The cor. of secs. 17, 18, 19 and 20, mkd. by a U. S. Bureau of Reclamation iron post, 2 ins. diam., projecting 12 ins. above the ground, with brass cap mkd.

R23W
 S18 | S17
 S19 | S20
 T2S
 1961

This is accepted as the best available evidence of the original cor. position.

As this monument is badly deteriorated, at the same point

Set a "Transite" pipe, 24 ins. long, 5 ins. diam., filled with concrete, 18 ins. in the ground, with a bronze tablet set in the top, mkd.

T2S R23W
 S18 | S17
 S19 | S20
 1961

Bury the old post alongside the transite pipe.

From this cor. U. S. Bureau of Reclamation triangulation station "Lake", bears N. 6° 57' W. 20.10 chs. dist.

Land, rolling benchland and the bottom land of Cibola Valley.
 Soil, sandy clay.
 Timber, palo fierro.
 Undergrowth, greasewood, salt cedar and arrowweed.

N. 0° 12' W., on dependent resurvey, bet. secs. 17 and 18.

Over rolling benchland, through medium timber and undergrowth.
 Asc. 20 ft. over SE. slope, through desert vegetation.

1.00 Top of ascent, on E. side of small knoll, slopes E.; desc. 20 ft. over NE. slope.

2.10 Bottom of small cove, drains SE.; asc. 20 ft. over S. slope.

5.20 Intersect a U. S. Bureau of Reclamation bench mark, an iron post, 2 ins. diam., projecting 14 ins. above the ground, with brass cap mkd.

T2S
 R23W
 S18 | S17
 ABOVE SEA LEVEL
 DATUM FEET
 225.405
 SMC

Thence, asc. 10 ft. over S. slope.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

- 7.60 South rim of bench, bears N. 60° W. and S. 60° E.; cont. over nearly level top of bench.
- 18.40 North Rim of bench, bears E. and W. about 2 chs. then N.; desc. 30 ft. over N. slope.
- 19.10 South edge of Cibola Valley, bears irregularly E. and N.; cont. over level bottom land.
- 40.10 The 1/4 sec. cor. of secs. 17 and 18, which is a malpais stone, 20 ins. x 14 ins. x 5 ins., with 1/4 mkd. on W. face, set in a small mound of stone.

At the same point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in concrete, in a small mound of stone, with brass cap mkd.

T2S R23W

S18 | S17

1961

N. 0° 26' W., beginning new measurement.

- 8.00 Low knoll, bears NE. about 2 chs. and SE. about 2 chs.
- 20.01 Point for the N. 1/16 sec. cor. of secs. 17 and 18 at midpoint.
Set a "Transite" pipe, 3 ft. long, 5 ins. diam., filled with concrete, 20 ins. in the ground, with a bronze tablet set in the top, mkd.

T2S R23W

N1/16

S18 | S17

1961

- 24.10 Leave bottom land of Cibola Valley; asc. 20 ft. along rolling W. slope.

- 33.60 Spur, slopes N. 70° W. about 4 chs. to end; desc. 20 ft. over N. slope.

- 35.20 Wash, 30 lks. wide, 1 ft. deep, drains W.; cont. over nearly level bottom land.

- 40.02 The cor. of secs. 7, 8, 17 and 18, mkd. by a U. S. Bureau of Reclamation iron post, 2 ins. diam., projecting 12 ins. above the ground, with brass cap mkd.

T2S

S 7 | S 8

S18 | S17

R23W

1935

This cor. is recognized as the cor. by the local residents and it is therefore accepted as the best available evidence of the original cor.

As the post is badly deteriorated, at the same point

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.

T2S R23W
S 7 | S 8
S18 | S17
1961

Deposit the Bureau of Reclamation brass cap alongside the iron post.

Land, rolling benchland descending to the level bottom land of Cibola Valley.

Soil, clay and gravel.

Timber, palo fierro and mesquite.

Undergrowth, salt cedar and arrowweed.

N. 0° 04' W., on dependent resurvey bet. secs. 7 and 8.

Over rolling westerly slope; through desert vegetation.

4.90 Spur, about 30 ft. high, projects NW. about 4 chs. to end.

10.00 East edge of bottom land, bears N. 20° W. and S. 20° E.; asc. 30 ft. along W. slope.

11.30 Top of ascent, slopes W.; desc. 10 ft. along W. slope.

15.70 Bladed road, bears E. and W.; desc. 20 ft. along W. slope.

17.30 East edge of bottom land, bears N. 60° E. and SW.; cont. over bottom land of Cibola Valley.

20.03 Point for the S. 1/16 sec. cor. of secs. 7 and 8 at midpoint.

Set a "Transite" pipe, 5 ft. long, 5 ins. diam., 30 ins. in the ground, filled with concrete, with a bronze tablet set in the top, mkd.

T2S R23W
S1/16
S 7 | S 8
1961

40.06 The 1/4 sec. cor. of secs. 7 and 8, mkd. by a U. S. Bureau of Reclamation iron pipe, 1 in. diam., set flush with the ground, with brass cap mkd.

1/4
S 7 | S 8
1935

This point is recognized as the cor. by the local residents and is accepted as the best available evidence of the original cor.

The post being badly deteriorated, at the same point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.

T2S R23W
1/4
S 7 | S 8
1961

Deposit the Reclamation brass cap at base of iron post.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains	
	N. 0° 06' W.; beginning new measurement.
40.02	The cor. of secs. 5, 6, 7 and 8, which is an iron post, 2½ ins. diam., conforming to the official record of the 1959 dependent resurvey. Land, nearly level bottom land of Cibola Valley. Soil, sandy clay. Timber, palo fierro and mesquite. Undergrowth, salt cedar and rushes.
	From the cor. of secs. 29, 30, 31 and 32.
	West, record course, on dependent resurvey bet. secs. 30 and 31.
	Over rolling benchland, through scattered undergrowth and timber.
.20	Wash, 30 lks. wide, 1 ft. deep, drains S. 60° W.; asc. 20 ft. along SSE. slope.
6.60	Top of ascent, slopes S.; desc. 30 ft. along SSW. slope.
17.80	Bottom of descent, drains S.; asc. 30 ft. over SE. slope.
18.50	North rim of gulch, bears NE. and SW.; desc. 20 ft. over top of bench on W. slope.
34.00	West rim of bench, bears irregularly N. 20° E. and S. 20° W.; desc. 40 ft. over W. slope.
38.20	East edge of bottom of small cove, bears irregularly N. 20° E. and S. 20° W.; cont. over nearly level bottom of cove.
40.00	Point for the ¼ sec. cor. of secs. 30 and 31, at record dist.; there is no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.
	<div style="text-align: right;"> T2S R23W S30 ¼ S31 1961 </div>
	Set a redwood post, 7 ft. long, 4 ins. square, 36 ins. in the ground, N. of cor., as a guard stake.
	Cont. same line, with continuous measurement.
42.00	West edge of cove, bears NE. and SW.; asc. 15 ft. over SE. slope.
43.50	Bladed road, bears N. and S.; asc. 50 ft. over SW. slope.
45.00	Spur, projects S.; thence desc. 10 ft. over rocky W. slope.
45.70	The point selected for the witness meander cor. of secs. 30 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in concrete, with brass cap mkd.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

T2S
W S30
M S31
C R23W
1961

46.80 Mean high water mark on the left bank of the Colorado River and point for the meander cor. of secs. 30 and 31, falls on steep W. slope, where the cor. cannot be perpetuated.

Land, rolling benchland.

Soil, gravel.

Timber, palo verde, palo fierro and mesquite.

Undergrowth, salt cedar and greasewood.

From the cor. of secs. 19, 20, 29 and 30.

West, record course, on a dependent resurvey bet. secs. 19 and 30.

Over rolling benchland, through scattered undergrowth and scattered timber; desc. 50 ft. over W. slope.

20.00 Point for the E. 1/16 sec. cor. of secs. 19 and 30 at midpoint.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.

T2S R23W

E1/16 S19
S30

1961

Asc. 20 ft. over NNE. slope.

22.70 West rim of bench, bears N. 30° E. and S. 30° W.; desc. 20 ft. over WNW. slope.

23.10 Base of abrupt descent, bears N. 30° E. and S. 30° W.; cont. over leveled area, covered with buildings of Gibson's fishing camp.

26.30 East edge of Cibola Lake, bears N. 30° E. and S. 30° W.; cont. across lake.

40.00 Point for the ¼ sec. cor. of secs. 19 and 30, at record dist.; there is no remaining evidence of the original cor.

Set a "Transite" pipe, 5 ft. long, 5 ins. diam., filled with concrete, 24 ins. in the lake bottom, in 18 ins. of water and in a mound of stone, 3 ft. base, 2 ft. high, with a bronze tablet ~~set~~ in the top, mkd.

T2S R23W

¼ S19
S30

1961

Cont. on same line, with continuous measurement.

49.00 W. edge of Cibola Lake, bears N. 10° W. and S. 30° E.; cont. over flood plain.

53.00 Point for the meander cor. of secs. 19 and 30, at record course and dist.; there is no remaining evidence of the original cor.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in concrete, with brass cap mkd.

T2S
S19
S30
MC

R23W

Set a redwood post, 7 ft. long, 4 ins. square, 30 ins. in the ground, N. of cor., as a guard stake.

Land, rolling benchland in the E., descending to the Cibola Lake flood plain in the W.
Soil, gravel and silt.
Timber, palo verde and palo fierro.
Undergrowth, salt cedar and rushes.

From the cor. of secs. 17, 18, 19 and 20.

West, record course, on dependent resurvey bet. secs. 18 and 19.

Over nearly level bottomland of Cibola Valley, through dense undergrowth.

11.80 East edge of NE. arm of Cibola Lake, bears N. 20° E. and SW.; cont. across lake.

15.70 West edge of NE. arm of Cibola Lake, cont. over flood plain.

38.60 East edge of NW. arm of Cibola Lake, bears NW. and SW.; cont. across lake.

40.00 Point for the 1/4 sec. cor. of secs. 18 and 19, at record dist.; there is no remaining evidence of the original cor.

Set a "Transite" pipe, 4 ft. long, 5 ins. diam., filled with concrete, 24 ins. in the lake bottom in 12 ins. of water, with a bronze tablet set in the top, mkd.

T2S R23W
S18
1/4 S19

41.50 West edge of NW. arm of lake, bears NE. and W.; cont. over flood plain.

54.20 Slough, about 2 chs. wide, bears N. and S.

78.34 The cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp.

Land, nearly level flood plain of Cibola Valley.
Soil, fine silt.
Timber, cottonwood and palo fierro.
Undergrowth, rushes, salt cedar and mesquite.

From the cor. of secs. 7, 8, 17 and 18.

West, record course, on dependent resurvey bet. secs. 7 and 18.

Over nearly level land, through dense undergrowth.

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains
 11.00 Slough, about $1\frac{1}{2}$ chs. wide, bears N. 10° E. and S. 10° W.
 15.20 Slough, about 1 ch. wide, bears N. and S.
 18.40 East edge of wide slough, bears N. 30° E. and S. 30° W.; cont. across slough.
 24.30 West edge of slough, bears N. 10° E. and S. 10° W.; cont. over nearly level land.
 36.70 Bladed road, bears N. and S.
 37.67 Mean high water mark on the left bank of the Colorado River.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground in concrete, at the witness point, with brass cap mkd.

T2S R23W
 WP $\frac{S}{S18}$
 1961

From the witness point, the meander cor. of secs. 5 and 32, Tps. 10 and 11 S., R. 22 E., San Bernardion Meridian, bears S. $33^{\circ} 32'$ W., 21.37 chs. dist.

Land, nearly level flood plain of Cibola Valley.

Soil, fine silt.
 Timber, palo fierro and cottonwood.

Undergrowth, rushes, salt cedar, mesquite and arrowweed.

From the cor. of secs. 5, 6, 7 and 8.

West, on a dependent resurvey bet. secs. 6 and 7.

Over level land, through dense undergrowth.

9.00 Dry slough, 60 ft. wide, 5 ft. deep, drains S.

29.90 East edge of slough, bears N. and SE.

34.50 West edge of slough, bears NW. and SE.

40.00 The $\frac{1}{2}$ sec. cor. of secs. 6 and 7, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the official record.

Cont. same line, beginning new measurement.

17.60 Canal, 40 lks. wide, 4 ft. deep, flows NE. from the Colorado River, about 23 chs. S. 75° W.

28.80 The witness point of secs. 6 and 7, at record dist. for the meander cor. of secs. 6 and 7, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the official record.

The markings are changed to read

Dependent Resurvey, Portion of Subdivision, T. 2 S., R. 23 W.

Chains

T2S R23W
MC S 6

6080 S. 7.18

AP

1960

West, on extension survey to include land omitted from the original survey.

9.43 The cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the Tp.

Land, level flood plain of Cibola Valley. Soil, sandy clay. Timber, palo verde and mesquite. Undergrowth, salt cedar, arrowweed and salt brush.

Partial Subdivision of Sections of T. 2 S., R. 23 W.

From the N. 1/16 sec. cor. of secs. 29 and 30.

West, along the east-west center line of the NE 1/4 of sec. 30.

Over rolling benchland, through thinly scattered undergrowth.

Asc. 30 ft. over NE. slope.

5.80 South rim of gulch, bears NE. and SW.

6.50 Track road, bears irregularly N. and S.; desc. 30 ft. over W. slope.

20.00 Point for the 1/16 sec. cor. of sec. 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground and in a collar of stone, with brass cap mkd.

T2S R23W
NE 1/16 S30

+

1961

29.40 West rim of bench, bears N. 30° E. and S. 30° W.; desc. 35 ft. over abrupt W. slope.

31.70 East edge of Cibola Lake, bears N. 30° E. and S. 30° W.; cont. across Cibola Lake.

37.03 Intersect the original meander line of the left bank of the Colorado River and point for the special meander cor. of sec. 30.

Set a "Transite" pipe, 7 ft. long, 5 ins. diam., filled with concrete, 36 ins. in the ground, in 3 ft. of water, with a bronze tablet set in the top, mkd.

T2S R23W
SMC S
N 30
1961

Partial Subdivision of Sections of T. 2 S., R. 23.W.

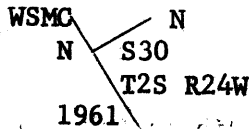
Chains

S. 57° 50' W., beginning new measurement, over accretion land, on a line normal to the present left bank of the Colorado River.

6.80 West edge of Cibola Lake, bears N. 30° W. and S. 30° E.

8.84 The point selected for the witness special meander cor. of the N. 1/16 line of sec. 30.

Set a "Transite" pipe, 6 ft. long, 5 ins. diam., filled with concrete, 36 ins. in the ground, with a bronze tablet set in the top, mkd.



From the witness cor., triangulation station "Ruin" bears S. 17° 52' E. 20.63 chs. dist.

9.00 Track road, bears N. 30° W. and S. 30° E.

9.14 The true point for the special meander cor. on the N. 1/16 line of sec. 30, the mean high water mark of the left bank of the Colorado River, a cut bank, 5 ft. high, bears N. 32° 10' W. and S. 32° 10' E., where the cor. cannot be monumented.

Land, rolling benchland in the E., descending to the flood plain of Cibola Valley.

Soil, fine silt.

Timber, none.

Undergrowth, salt cedar, rushes and mesquite.

From the E. 1/16 cor. of secs. 19 and 30.

S. 0° 12' E., along the north-south center line of the NE 1/4 of sec. 30.

Over rolling benchland, through scattered undergrowth; asc. 20 ft. on S. slope.

2.10 Spur, slopes S. 30° W.; desc. 20 ft. over S. slope.

4.70 Small cove, about 2 chs. wide, drains W.; asc. 20 ft. over NW. slope.

10.10 Spur, projects S. 30° W. about 4 chs. to end; desc. 20 ft. over S. slope.

14.00 Cover about 6 chs. wide, drains W.; asc. 20 ft. over N. slope.

20.06 The NE. 1/16 sec. cor. of sec. 30.

Land, rolling benchland.

Soil, clay and gravel.

Timber, palo verde and palo fierro.

Undergrowth, salt cedar and mesquite.

From the S. 1/16 sec. cor. of secs. 19 and 20.

N. 89° 56' W., along the east-west center line of the S 1/2 of sec. 19, on a line calculated to intersect the original meander line of the left bank of the Colorado River at 60 chs. in southing from the cor. of secs. 13, 18, 19 and 24.

Partial Subdivision of Sections of T. 2 S., R. 23 W.

Chains

Over nearly level land, through medium undergrowth.

9.50 Bladed road, bears N. 30° E. and S. 30° W.

20.00 Point for the SE. 1/16 sec. cor. of sec. 19, at the intersection with the E. 1/16 line of sec. 19.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.

T2S R23W
SE 1/16 S30
1961

38.10 East edge of Cibola Lake, bears irregularly N. and S.; cont. across lake.

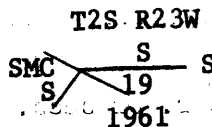
41.60 West edge of east arm of Cibola Lake, bears N. and S. 10° E.; cont. over flood plain.

53.70 East edge of W. arm of Cibola Lake, bears N. and S.; cont. across lake.

59.60 West edge of Cibola Lake, bears N. and S.; cont. over flood plain.

70.15 Intersect the original meander line on the left bank of the Colorado River and point for the special meander cor. on the S. 1/16 line of sec. 19.

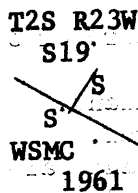
Set a "Transite" pipe, 5 ft. long, 5 ins. diam., filled with concrete, 30 ins. in the ground, with a bronze tablet set in the top, mkd.



S. 53° 50' W., beginning new measurement, across the accretion land on the east west center line of the SW¼ of sec. 19, on a line normal to the present bank of the Colorado River.

6.69 Point selected for the witness special meander cor. on the S. 1/16 line of sec. 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.



6.90 Track road, bears N. 30° W. and S. 30° E.

7.09 The mean high water mark on the left bank of the Colorado River and east-west center line of the south-west quarter of sec. 19. This point falls on a cutbank about 5 ft. high, where the cor. cannot be perpetuated.

Partial Subdivision of Sections of T. 2 S., R. 23 W.

Chains

Land, level flood plain of Cibola Valley.
Soil, fine silt.
Timber, palo fierro and mesquite.
Undergrowth, rushes and salt cedar.

From the E. 1/16 sec. cor. of secs. 19 and 30.

N. 0° 08' W., along the north-south center line of the SE 1/4 of sec. 19.

Over rolling benchland, through medium undergrowth and timber; asc. 10 ft. over S. slope.

4.50 Spur, projects W. about 3 chs. to end; desc. 20 ft. over N. slope.

8.20 Bladed road, bears N. 80° E. and S. 80° W.; asc. 20 ft. over SW. slope.

14.00 Low spur, slopes NW. about 4 chs. to end; desc. 10 ft. over N. slope.

15.90 Base of descent, bears E. and W.; enter nearly level land of Cibola Valley.

20.15 The SE. 1/16 sec. cor. of sec. 19.

Land, rolling benchland.
Soil, gravel and fine silt.
Timber, palo fierro and mesquite.
Undergrowth, salt cedar and greasewood.

From the reestablished 1902 meander cor. of secs. 1 and 6 on the W. bdy. of the Tp.

Thence on dependent resurvey of the original meander line of the left bank of the Colorado River, downstream in sec. 6.

Over nearly level land, through dense undergrowth.

S. 33° 26' E., 17.11 The reestablished 1902 meander cor. of secs. 6 and 7, hereinbefore described.

Land, nearly level flood plain of Cibola Valley.

Soil, fine silt and clay.

Timber, mesquite, palo fierro and palo verde.

Undergrowth, salt cedar and arrow weed.

Thence, in sec. 7 downstream.

Over level land, through dense undergrowth.

South, 10.10 At 9.40 on this course, set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in concrete, as the witness auxiliary meander cor. of sec. 7, with brass cap mkd.

T2S R23W

S
WAMC 7

1960

Partial Subdivision of Sections of T. 2 S., R. 23 W.

Chains

The true point for the auxiliary meander cor. of sec. 7 falls on the face of a cut bank, 5 ft. high, where the cor. cannot be perpetuated.

Land, nearly level flood plain of Cibola Valley.
Soil, fine silt and clay.
Timber, mesquite, palo fierro and palo verde.
Undergrowth, salt cedar and arrow weed.

Meanders And Traverses of Portions of the Left Bank
of Colorado River, T. 2 S., R. 23 W.

From the true point for the meander cor. of secs. 7 and 12.

With the meanders of the present left bank of the Colorado River downstream in sec. 7, in front of omitted lands.

Through dense timber and undergrowth.

S. 45° 41' E. 4.92

S. 45° 00' E. 4.32

S. 43° 49' E. 4.04

The true point for the auxiliary meander cor. of sec. 7.

From the true point for the meander cor. of secs. 19 and 24, on the present left bank of the Colorado River.

With the traverse of the left bank of the river downstream, in front of Lot 3, sec. 19.

Over nearly level land, through dense undergrowth.

S. 31° 19' E. 9.97 chs.

S. 36° 10' E. 3.59 chs.

At the end of this course, intersect the true point for the special meander cor. on the extended normal east-west center line of the SW $\frac{1}{4}$ of sec. 19.

Land, nearly level flood plain of Cibola Valley.

Soil, fine silt.

Timber, mesquite, palo verde and palo fierro.

Undergrowth, arrow weed and salt cedar.

From the true point for the special meander cor. of sec. 30, on the extended normal east-west center line of the NE $\frac{1}{4}$ of sec. 30.

Thence

With the meanders of the left bank of the Colorado River, downstream in sec. 30. Through dense undergrowth and timber.

S. 32° 10' E. 2.62 chs.

S. 23° 00' E. 3.35 chs.

S. 20° 30' E. 3.16 chs.

S. 23° 40' E. 2.67 chs.

At 2.30 chs. on this course, there is a dam across the outlet of Cibola Lake; the bank becomes steep and gravelly.

S. 17° 20' E. 5.60 chs.

S. 30° 01' W. 7.84 chs.

S. 11° 36' W. 6.38 chs.

S. 18° 30' E. 2.60 chs.

On this course enter low bottomland.

Meanders of Portions of the Left Bank of the Colorado River, T.2 S., R.23 W.

Chains

S. 8° 51' W. 7.24 chs. On this course asc. to bench.
 S. 9° 40' W. 16.93 chs. At the end of this course, intersect the true point for the meander cor. of secs. 30 and 31.

Land, rolling benchland and bottomland.
 Soil, gravel and fine silt.
 Timber, mesquite, palo verde and palo fierro.
 Undergrowth, arrow weed, salt cedar and greasewood.

Thence in sec. 31.

Along a cutbank from 2 to 20 ft. high, through dense undergrowth.

S. 6° 48' W. 3.47 chs. At the end of this course enter bottomland.
 S. 8° 38' W. 6.80 chs.
 S. 12° 53' W. 7.93 chs.
 S. 9° 28' W. 9.63 chs.
 S. 12° 08' W. 7.44 chs.
 S. 7° 48' W. 8.33 chs.
 S. 13° 58' W. 8.48 chs.
 S. 7° 08' W. 4.39 chs.
 S. 19° 23' W. 2.11 chs.
 S. 1° 38' W. 4.82 chs.
 S. 7° 12' W. 5.87 chs.
 S. 3° 22' W. 2.08 chs.
 S. 11° 32' E. 5.87 chs.
 S. 21° 00' E. 2.44 chs. At the end of this course intersect the true point for the meander cor. of secs. 6 and 31.

Land, low bottom land and rolling bench land.
 Soil, gravel and fine silt.
 Timber, mesquite, willow, palo verde and palo fierro.
 Undergrowth, salt cedar and arrow weed.

General Description

The township is located about 15 air miles south of Ehrenberg, Arizona, in the Cibola Valley. The Colorado River flows southerly through the valley near the west boundary. The land in the east is rolling gravel benchland, sloping westerly into the bottom land of Cibola Valley. A major portion of the valley bottom land is river flood plain, which the river covers during high water. Cibola Lake is located in sections 18, 19 and 30. There are a few fishing camps along the lake shore, but no general settlement because of the flooding of the river.

A bladed road traverses the township north and south from the north boundary of section 5 to the south boundary of section 31. Several track roads junction with the main road throughout the township.

There has been considerable mining activity in the past, but no mines were being operated at the time of the survey.

CERTIFICATE OF CADASTRAL SURVEYOR

I, Donald A. Cannon, HEREBY CERTIFY upon honor that, in

pursuance of special instructions bearing date of the 15th day of September, 1960 and supplemental special instructions dated January 17, 1961, approved Feb. 8, 1961 I have ~~surveyed~~ under the supervision of Robert C. Yundt, dependently resurveyed a

portion of the south and west boundaries and a portion of the subdivision;
made an extension survey of a portion of the west boundary and a portion of
the subdivision; surveyed a portion of the sectional subdivision and a portion
of the meanders of the left bank of the Colorado River in T. 2 S., R. 23 W.

of the Gila & Salt River Meridian, in the State of Arizona, 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 instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

May 17, 1961
(Date)

Donald A. Cannon
Donald A. Cannon (Cadastral Surveyor)

Salt Lake City, Utah
(Date)

Robert C. Yundt
Robert C. Yundt (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUL 20 1961, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the
south and west boundaries and a portion of the subdivision; extension survey
of a portion of the west boundary and a portion of the subdivision; survey of
a portion of the sectional subdivision and portion of the meanders of the left
bank of the Colorado River, T. 2 S., R. 23 W., G&SRM, Arizona

executed by Donald A. Cannon, Cadastral Surveyor, under the supervision of
Robert C. Yundt, Cadastral Surveyor, Chief of Party
having been critically examined and found correct, are hereby approved.

Donald O. Clannet
(Cadastral Engineering Staff Officer)

Chief, Div. of Engineering

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)~~

~~_____
(Cadastral Engineering Staff Officer)~~