

(1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Limited Dependent Resurvey

and

Accretion Survey,

Township 8 South, Range 24 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Leonard W. Murphy, Surveying Technician

Robert C. Yundt, Cadastral Surveyor (Supervisory)

Under special instructions dated September 15, 1960, which provided for the surveys included under Group No. 355, approved September 22, 1960 and assignment instructions dated September 26, 1960

Survey commenced January 18, 1961
October 26, 1961
Survey completed January 28, 1961
October 27, 1961

BOOK 4620

INDEX DIAGRAM

Township 8 South, Range 24 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Handwritten annotations in the diagram:
- In row 4, column 3: '9' and '10' (with '10' above '9')
- In row 4, column 4: '8'
- In row 5, column 3: '6'
- In row 6, column 3: '5'
- In row 6, column 4: '3'
- In row 6, column 5: '4'
- In row 6, column 6: '1'

16-56770-1

Subdivision of sec. 28
" sec. 33
Meanders and traverse of left bank, Colorado River .

Pg. 11
13
14 - 15

Dependent Resurvey, T. 8 S., R. 24 W., Gila and Salt River, Arizona

Chains

The original survey of the south and east boundaries and subdivision of Township 8 South, Range 24 West, of the Gila and Salt River Meridian, Arizona was executed by T. F. White, Deputy Surveyor, in 1874. In 1918 to 1920 Arthur W. Brown and William H. Thorn made a dependent resurvey and extension survey in section 33 east of the New Yuma Valley Levee. The following field notes are those of a dependent resurvey and extension survey of sections 21, 22, 28, 32, and 33, extending the lines to the present left bank of the Colorado River and a partition of the accretion land in sections 32 and 33 to define that attaching to the public lands in those sections.

The dependent resurvey is a restoration of the lines of the original survey in their true, original position according to the identified evidence of that survey. Before remonumenting an original corner position, or restoring a lost corner, the lines of the original survey were retraced and diligent search made for the original corner monuments and other calls of the field notes and for collateral evidence of later origin. After completing the necessary retracements and searches, the rules of proportionate measurement were applied in order to ascertain the position of each lost corner, or record course and distance is used where there is no opposite corner, and when duly identified or restored the corner positions were remonumented with iron posts. In order to simplify the record, only the true line notes, referring to the completed resurvey, are supplied here.

The resurvey was executed with W. & L. E. Gurley solar transit No. 541328, property of the U. S. Bureau of Land Management and constructed in accordance with their standard specifications. The directions of the lines of the resurvey were determined by altitude observations on the sun or hour angle observations on Polaris, made on line during the progress of the field work. The lines were carried forward as transit lines and verified by succeeding observations. The measurements were made with Chicago steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. These tapes were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, or the transit, and the slope distances properly reduced to horizontal equivalents for use in these notes.

The geographic position of the corner of sections 3, 4, 33, and 34 on the south boundary of the township, determined from the data contained on the quadrangle sheets of the U. S. Geological Survey is as follows: Latitude 32° 41' 02" N. and longitude 114° 43' 04" W. The mean magnetic declination was found to be 14° 00' E.

Dependent Resurvey of the South Boundary of Township 8 South, Range 24 West.

(Reestablishment of the Surveys Executed by T. F. White in 1874, and A. W. Brown and W. H. Thorn in 1920

Beginning the dependent resurvey and extension survey of the south boundary from the corner of sections 3, 4, 33, and 34 which is marked by a U. S. Bureau of Reclamation iron post, 2 inches in diameter, set 6 inches below the surface of the ground, in the intersection of graded road, bearing N., S., E., and W., with brass cap marked:

T8S	R24W
S33	S34
S4	S3
T9S	
1951	

This monument conforms to local improvements, and is accepted as the best available evidence of the original position of the corner.

Dependent Resurvey of the South Boundary of T. 8 S., R. 24 W.

Chains

from which, A power pole, bears N. 41° W., 61.8 lks. (40.8 ft.) distant, is marked R. P. 40.8 ft.

A power pole brace, bears S. 69° W., 1.08 chas. (71.5 ft.) distant is marked R. P. 71.5 ft. S. 89° 45' W., on a dependent resurvey between sections 4 and 33.

Over cultivated, nearly level land along a graded road.

19.00 Center of bridge over canal, 1 chain wide, 15 feet deep, bears NW. and SE. Water course N. and S.

40.23 The 1/4 sec. cor. of secs. 4 and 33, marked by a U. S. Bureau of Reclamation iron post, 2 ins. in diameter, set 6 ins. below the surface of the ground in an E-W road, in concrete, with brass cap marked.

from which, A cross, on a concrete headwall, bears NE., 20.00 ft. (13.2 lks.) dist. A test well pipe, bears SE., 39.6 lks. dist., mkd. R.P. X 2616 ft. S. 89° 45' W., beginning new measurement, along graded road.

36.27 Point for the meander corner of secs. 4 and 33, at proportionate distance; there is no remaining evidence of the original corner,

Set an iron post, 30 ins. long, 2 1/2 ins. in diam., 15 ins. below the surface, for the restored corner surrounded by concrete, with brass cap marked.

T8SR24W
MC
S33
S4
T9S
1961

Deposit glass around the iron post and set a 4" x 4" redwood post, 3 ft. long, alongside.

from which,

A test well pipe, bears NW., 2.68 chns. dist. (177 ft.)

39.70 East bank of canal, bears NE., and SW., Leave road, bears E. and SW.

40.70 W. bank of canal, water course SW.

40.740 The corner of sections 4, 5, T9S., R24W, marked by a U. S. Bureau of Reclamation iron post, 15 inches below the surface, with brass cap marked.

USBR
T8SR24W
S33
S5|S4
T9SR24W

1915 This point is accepted as the best available evidence of the original position of the corner.

Dependent Resurvey of the South Boundary of T. 8 S., R. 24 W.

Chains	<p>from which,</p> <p>A power pole, bears N. 5° E., 74.62 links dist., marked R. P. 49.25 ft.</p> <p>A 4" x 4" redwood post, 8 ft. long, set 3 ft. in the ground, bears SW. 77 links dist., scribed R. P. 50.90 ft.</p> <p>Land, nearly level farm land Soil, loam. Undergrowth, none. Timber, none.</p> <hr/> <p>Thence</p> <p>S. 89° 45' W., between sections 5 and 33, beginning new measurement.</p> <p>Over nearly level bottom land.</p> <p>0.79 Point for the closing corner of sections 5 and 33, at record dist., there is no remaining evidence of the original corner.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diameter, 24 ins. in the ground, surrounded by concrete, with brass cap marked:</p> <div style="text-align: center;"> <table> <tr><td></td><td>T8S</td></tr> <tr><td>U.S.B.R.</td><td>/ S33 C</td></tr> <tr><td></td><td>S 5 C</td></tr> <tr><td></td><td>T9S</td></tr> <tr><td></td><td>R24W</td></tr> <tr><td></td><td>1961</td></tr> </table> </div> <p>Set a 4" x 4" redwood post, 7 ft. long, 3 ft. in the ground, alongside the iron post as a guard stake.</p> <hr/> <p>West, on extension survey, beginning new measurement, bet. secs. 5 and 32.</p> <p>0.41° Center of railroad tracks, bears NE. and SW.</p> <p>0.71 Intersect U. S. Bureau of Reclamation brass cap in center of levee, 2 ins. in diameter, set 10 ins. below surface of road, with brass cap marked:</p> <div style="text-align: center;"> <table> <tr><td colspan="2">P.O.T.P.O.S.L.</td></tr> <tr><td colspan="2">sta.</td></tr> <tr><td>453</td><td>+ 37.10</td></tr> <tr><td colspan="2">1952</td></tr> </table> </div> <p>*I add the letters W.P. to the brass cap.</p> <p>6.41 Barb-wire fence, bears NE. and SW.; enter field.</p> <p>13.91 Leave cultivated field, enter into patch of heavy undergrowth.</p> <p>15.21 Point selected for the witness meander corner of secs. 5 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diameter, 2 ins. in the ground, surrounded by concrete, with brass cap marked:</p> <div style="text-align: center;"> <table> <tr><td></td><td>T8S</td></tr> <tr><td>WC</td><td>/ S32</td></tr> <tr><td>MC</td><td>S5</td></tr> <tr><td></td><td>T9S</td></tr> <tr><td></td><td>R24W</td></tr> <tr><td></td><td>1961</td></tr> </table> </div> <p>Set a 4" x 4" redwood post, 7 ft. long, 3 ft. in the ground and</p>		T8S	U.S.B.R.	/ S33 C		S 5 C		T9S		R24W		1961	P.O.T.P.O.S.L.		sta.		453	+ 37.10	1952			T8S	WC	/ S32	MC	S5		T9S		R24W		1961
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Dependent Resurvey of Township 8 South, Range 24 West.

- Chains alongside the iron post as a guard stake.
- 15.30 Descend bank, 8 to 10 feet high, bears NE. and SW.
- 17.71 True point for the meander corner on the left bank of the Colorado River, 5 to 6 feet high, bears S. 34° W., and unsafe for monument due to overflow in time of extremely high water.
- Land, nearly level.
Soil, sandy.
Undergrowth, arrow weed, small willows.
Timber, scattered cottonwood.
-
- Beginning the dependent resurvey of a portion of the subdivisional lines from the cor. of secs. 4 and 5, on S. bdy. of sec. 33.
- North, on a blank line, through a portion of section 33.
- Over nearly level cultivated land.
- 1.40 Intersect survey of traverse along U. S. Bureau of Reclamation levee, as executed by Arthur W. Brown, U. S. Cadastral Engineer in 1918 and dependently resurvey hereinafter described.
- At the point of intersection
Set an iron post, 30 inches long, $2\frac{1}{2}$ inches in diameter, 24 inches in the ground as a closing corner with brass cap marked:
- T8S R24W
S32
S33
1961
- Deposit glass around iron post and raise a mound of stone to N. from which,
- A telephone pole, bears S. $19^{\circ} 00'$ W., 74 links distant.
- A telephone pole, bears N. $11^{\circ} 30'$ W., 1.25 chains distant.
- A U. S. Bureau of Reclamation iron post projects 4 ins. above the ground, with brass cap marked B.M. 8, bears S. $20^{\circ} 50'$ W., 61 links distant.
- Point for angle point 50, hereinafter described, bears S. $29^{\circ} 44'$ W., 1.13 chains distant.
- Thence,
- North, on extensional survey, on same line, with new measurement, between secs. 32 and 33.
- 0.60 Center of railroad tracks, bears N. 30° E., S. 30° W.
- 1.30 Center of new Yuma Valley Levee, bears N. 30° E., S. 30° W.
- 4.40 Power line, bears NE. and irregularly S.
- 8.10 Unimproved road, bears E. and W.; temporary bldg. approx. 10 chains W. at end of road.
- 21.90 Enter into area of dense undergrowth.
- 22.70 Point for the meander corner of secs. 32 and 33 at the mean high mark on the left bank of the Colorado River, course S. 47° W.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 24 ins. in the ground, with brass cap marked:

MC
S32 | S33
T8S R24W
1961

Dependent Resurvey of a Portion of the Subdivision of T. 8 S., R. 24 W.

Chains

Set a 4" x 4" redwood post alongside the iron post as a guard stake.

Land, nearly level.

Soil, sandy.

Timber, none.

Undergrowth, arrow weed, salt cedar.

From the corner of secs. 3, 4, 33, and 34, S. bdy. of Township.

N. 0° 08' W., between secs. 33 and 34 along the center of a bladed road, tilled fields on E. and W. sides of the road.

40.14 The $\frac{1}{4}$ cor. for secs. 33 and 34, marked by a decayed wooden post, set in the ground with no marks visible. This is accepted as the best remaining evidence of the original position of the corner.

At the same point

Set an iron post, 30 ins. long, 2½ ins. in diameter, 48 ins. in the ground, surrounded by concrete, with brass cap marked:

T8S R24W

$\frac{1}{4}$

S33 | S34

1961

The iron post is located in the E. side of the road, bearing N. and S. from which,

An iron post, 30 ins. long, 2½ ins. in diameter, with brass cap marked T8S R24W S33 RM 41.0 ft. 1961, with arrow pointing toward the corner, set 24 ins. in the ground as a reference monument; bears S. 50° W., 62.1 links distant.

An iron post, 30 ins. long, 2½ ins. in diameter, with brass cap marked T8S R24W S33 RM 38.5 ft. 1961, with arrow pointing toward the corner, set 24 ins. in the ground as a reference monument; bears N. 40° W., 58.3 links distant.

N. 0° 22' W., beginning new measurement.

Continue along a bladed road.

41.91 The corner of secs. 27, 28, 33, and 34, which is monumented with an iron post, 2 ins. in diameter, 18 ins. below the surface of the road, firmly set with brass cap markings badly damaged.

I remove and replace at the same point, an iron post, 30 ins. long, 2½ ins. in diameter, 48 ins. in the ground with brass cap marked:

T8S R24W

S28 | S27

~~S33~~ | S34

S33 1961

Deposit glass around the iron post, and bury the original monument alongside. Corner located in SW. corner of intersection.

from which,

A power pole, bears NW., 56 links dist., marked R.P. 36.9 ft.

Land, level.

Soil, loam.

Timber, none.

Undergrowth, none.

BOOK 4620

Dependent Resurvey of a Portion of Subdivision of T. 8 S., R. 24 W.

Chains N. 89° 15' W., between secs. 28 and 33.

Over nearly level cultivated land along the S. edge of a graded road.

9.80 Concrete irrigation lateral, 20 lks. S., water course, S.

18.60 Road, bears N. and S.

29.90 Concrete irrigation lateral, 20 lks. S., water course S.

39.54 The $\frac{1}{4}$ section corner of sections 28 and 33, marked by a U. S. Bureau of Reclamation iron post, 2 ins. in diameter, surrounded by concrete, 12 ins. below the surface of a 2 ft. embankment on the S. edge of the road, with brass cap marked:

$\frac{S28}{S33}$
 1951

from which,

Set a 4" x 4" redwood post, 6 ft. long, 3 ft. in the ground, bears S. 50 ft. dist.

Power pole, bears N. 65° W., 1.38 chs. dist., and mkd. R.P. 90.8 ft.

Power pole, bears S. 62° W., 1.74 chs. dist., and mkd. R.P. 114.7 ft.

There is no remaining evidence of the original monument and this point is accepted as the best available evidence of the original position of the corner.

West, beginning new measurement, on record bearing.

2.92 Point for closing corner of secs. 28 and 33, at record dist., falls in concrete canal. This point is not remonumented.

3.24 Center of railroad track, bears NE. and SW.

3.52 Center of new Yuma Valley Levee, bears NE. and SW.

8.00 Point for the meander corner of secs. 28 and 33, at record dist.; There is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 24 ins. in the ground, with brass cap marked:

T8S R24W
 MC $\frac{S28}{S33}$
 1961

This monument is located in a stock yard, 3 lks. south of E-W wooden fence.

N. 75° 30' W., beginning new measurement on a line normal to the mean course of the present left bank of the Colorado River, between secs. 28 and 33, over accretion land.

2.38 Left bank of the Colorado River at mean high water mark, bank 6 to 8 ft. in height, bears N. 1° 30' E. and S. 27° 30' W.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 24 ins. in the ground, with brass cap marked:

BOOK 400

Dependent Resurvey of a Portion of Subdivision of T. 8 S., R. 24 W.

Chains

MC

T8S
S28
S33
R24W
1961

Deposit glass around the iron post.

from which,

Board fence, bears N. 30° E., 4 lks. dist.

A willow tree, 12 ins. in diameter, bears N. 5° E., 22.5 lks. dist. and marked with a cross +.

Land, nearly level.

Soil, sandy.

Timber, scattering of willows.

Undergrowth, patches of arrow weed, salt cedar.

From the corner of secs. 27, 28, 33, and 34.

N. 0° 15' E., between secs. 27 and 28.

Over nearly level cultivated land, along a track road.

0.50 Power line, 6 wires, bears E. and W.

39.32 S. edge of canal, 20 lks. wide, 6 ft. deep, bears E. and W.

39.40 Point for the $\frac{1}{4}$ corner of sections 27 and 28, at proportionate dist. there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 40 ins. in the ground with brass cap marked:

T8S	R24W
½	
S28	S27
1961	

Deposit glass around the iron post.

from which,

A cross, on a concrete culvert, bears E., 19.2 links distance, marked R.P. 12.6 ft.

A cross, on a concrete culvert, bears S., 20.8 links distance, marked R.P. 13.7 ft.

39.52 N. edge of canal.

78.80 The corner of secs. 21, 22, 27, and 28, marked by a U. S. Bureau of Reclamation iron post, 2 ins. in diameter, set 12 ins. below the surface of the ground, with brass cap marked:

T8S	R24W
S21	S22
S28	S27
1951	

Corner is located at S. edge of bladed road bearing E. and W.

4620

Dependent Resurvey of a Portion of Subdivision of T. 8 S., R. 24 W.

Chains

There is no remaining evidence of the original corner and this monument is accepted as the best evidence of the position of the original corner.

from which,

A power pole, bears S. 86° W., 59.5 lks. dist., marked R.P. 39.3 ft.

A power pole, bears S. 77° E., 60.9 lks. dist., marked R.P. 40.2 ft.

Land, nearly level bottom land.

Soil, sandy loam.

Timber, None.

Undergrowth, none.

From the corner of secs. 22, 23, 26, and 27, marked by a U.S. Bureau of Reclamation iron post, 2 ins. in diameter, set in concrete, 12 ins. below the surface of an asphalt pavement with brass cap marked:

T8S R24W

S22 | S23

S27 | S26

1951

The monument is located in the center of an E-W road, conforms to all local improvements and is accepted as the best available evidence of the position of the original corner.

N. $0^{\circ} 06'$ E., between secs. 22 and 23, along the center of a bladed N-S road, cultivated fields on E. and W. sides of road.

0.55 Power line, bears E. and W.

37.20 Concrete bridge and culvert for intersection of 3 irrigation ditches.

37.84 The closing corner for secs. 22 and 23 as described in the field notes of the dependent resurvey of T. 16 S., R. 21 E., concurrently executed

Land, nearly level cultivated.

Soil, deep, sandy, clay loam.

Timber, none.

Undergrowth, arrow weed along canals.

From the corners of secs. 22, 23, 26, and 27.

S. $89^{\circ} 37'$ W., between secs. 22 and 27.

Over nearly level land along the center of an asphalt road, bearing E. and W.

40.13 The $\frac{1}{4}$ cor. of secs. 22 and 27 marked by a U.S. Bureau of Reclamation iron post, 2 ins. in diameter, set 12 ins. below the surface of the road, with brass cap marked:

T8S R24W

$\frac{1}{4}$ S22

$\frac{1}{4}$ S27

1951

This monument is located in the intersection of an E-W and a N-S road; conforms to local improvements and has been used by adjacent property owners as the official corner monument, it is accepted as the best available evidence of the original corner position.

BOOK 6000

Dependent Resurvey of a Portion of Subdivision of T. 8 S., R. 24 W.

Chains

from which,

A power pole, bears N. 48° W., 1.00 chs. dist., and marked R.P. 66.0 ft.

A power pole, bears S. 53° W., 57 lks. dist., and marked R.P. 37.4 ft.

A cross, + on S. end of culvert wall, bears S. 15° W., 73 lks. dist., and marked + R.P. 48.0 ft.

S. $89^{\circ} 37'$ W., beginning new measurement.

1.50 Leave pavement, continue along gravel road.

40.13 The cor. of secs. 21, 22, 27, and 28.

Land, nearly level cultivated.

Soil, deep sandy clay loam.

Timber, none.

Undergrowth, arrow weed along ditches.

West, between secs. 21 and 28, on record bearing.

Over nearly level farm land, along the S. edge of a bladed gravel road.

8.10 Irrigation ditch, 20 lks. wide, 5 ft. deep, flows SW.

8.60 Center line of road, bears NE-SW.

8.90 Telephone line, 2 wires, bears N. and S.

9.10 Center of railroad tracks, bears NE. and SW.

9.48 U. S. Bureau of Reclamation levee station 336+61.92 falls 9 lks. S.

9.50 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground for a witness point in the center of the levee, with brass cap marked:

T8S R24W

WP

S21

S28

1961

10.31 Wire fence, bears N. and S.

13.58 The left bank of the Colorado River at mean high water mark, 12 to 15 ft. high, bears S. $24^{\circ} 00'$ W. Point for meander corner of secs. 21 and 28.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 24 ins. in the ground, surrounded by concrete, with brass cap marked:

MC

T8S

S21

S28

R24W

1961

Set a 4" x 4" redwood post, 7 ft. long, 3 ft. in the ground, and alongside as a guard stake.

BOOK 4020

Dependent Resurvey of a Portion of Subdivision of T8 S., R. 24 W.

Chains

from which,

A corner fence post, bears N. 88° E., 38 lks. dist.

A 4" x 4" redwood post, 7 ft. long, bears S. 75° E., 61 lks. dist., and scribed R.P. 40.3 ft.

Land, nearly level.

Soil, sandy loam.

Timber, none.

Undergrowth, arrow weed along the river bank.

From the corner of secs. 221, 222, 227 and 28, on record bearing

North, between secs. 21 and 22, on record bearing.

Over nearly level cultivated land.

0.20

Center of gravelled road, bears E. and W.

0.60

Barbed wire fence, bears E. and W., enter cultivated field.

11.50

Barbed wire fence, bears NE. and SW. leave cultivated field.

12.30

SW. edge of irrigation ditch, 30 lks. wide, 4 ft. deep, water course SW.

13.70

Center of railroad, bears NE. and SW.

14.25

Center of new Yuma Valley Levee, and of record bearing.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 40 ins. in the ground, for a witness point, with brass cap marked:

T8S R24W

S221-S222

1961

15.30

Barb-wire fence, enter cultivated field.

20.65

An International Boundary Commission B.M. an iron post bears E. 20 lks. dist., projects 12 ins. above the ground, with brass cap marked:

US

RR No 12 S

ELEV 121.43

STA

FEET

METROS 2.650

BM NO

MEXICO.

28.10

Barb-wire fence, leave cultivated field.

28.50

Meander corner for secs. 21 and 22 at record dist., no evidence remains of original corner and this point is not remonumented.

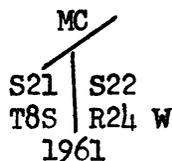
29.70

Left bank of the Colorado River at mean high water mark, 8 to 10 ft. in height, bears S. 20° W. and point for the meander corner of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 24 ins. in the ground, surrounded by concrete, with brass cap marked:

Subdivision of Sections, R. 8 S., R. 24 W.

Chains



Deposit glass alongside the iron post.

Set a 4 x 4 in. redwood post alongside the iron post as a guard stake.

Land, nearly level

Soil, sandy.

Timber, none.

Undergrowth, arrowweed, brush and willows along bank of river.

Limited Subdivision of sec. 28

From the $\frac{1}{4}$ sec. cor. of secs. 28 and 33.

N. $0^{\circ} 15'$ E., on N-S centerline of sec. 28.

Through level cultivated land.

0.25 Centerline of dirt road, bearing E. and W.; power line on N. side.

5.10 Bladed road parallel to canal; leave field.

5.85 Canal, 30 lks. wide, 6 ft. deep, flowing SW. from NE.

7.80 Centerline of railroad on top of levee.

8.23 Center of levee, with road on top thereof, bears NE. and SW.

11.10 Fence, parallel to levee; enter field.

18.25 Fence, bears E. and W.

23.28 Point of intersection with the record meander line of the left bank of the Colorado River.

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



from which

The most easterly light pole on the SE. cor. of Morelos Dam bears N. $1^{\circ} 16'$ E., 10.81 chs. dist.

Thence, continue with the extension of the N-S centerline, on a line normal to the present channel of the river.

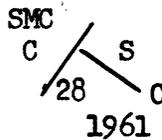
N. $68^{\circ} 15'$ W.

2.94 Intersect the present left bank of the Colorado River, bearing N. $21^{\circ} 45'$ E. and S. $21^{\circ} 45'$ W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in ground, for special meander cor., with brass cap mkd.

Subdivisions of Sections,
T. 8 S., R. 24 W.

Chains



from which

The most easterly light pole on the SE. cor. of Morelos Dam bears N. 17° 00' E., 10.16 chs. dist.

Cor. falls on bank, 5 to 6 ft. high.

Land, level cultivated.

Soil, sandy silt.

Undergrowth, scattering salt cedar along river.

From the $\frac{3}{4}$ sec. cor. of secs. 27 and 28.

N. 89° 37' W., along the E-W centerline of sec. 28.

Along S. side of an irrigation ditch, 20 lks. wide, 6 ft. deep.

25.32 Road, bladed, bears NNE. and SSW.

25.62 Canal, 30 lks. wide, 6 ft. deep, parallel to road.

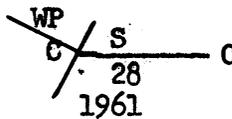
25.98 Road, parallel to canal.

26.45 Centerline of railroad, on top of levee.

26.72 Center of levee, bears NNE. and SSW.

33.59 Point of intersection with the record meander line of 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, for witness point, with brass cap mkd.

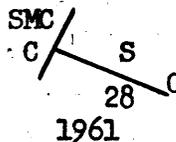


Thence, continue with the extension of the E-W centerline, on a line normal to the present channel of river.

N. 70° 00' W.,

3.04 Intersect the present left bank of the Colorado River, bearing N. 20° 00' E. and S. 20° 00' W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, for special meander cor., with brass cap mkd.



Set a alimo post, 6 ins. square, 6 ft. long, alongside the iron post as a guard stake.

Land, level.

Soil, sandy silt.

Undergrowth, salt cedar and arrowweed along river.

Subdivisions of Sections,
T. 8 S., R. 24 W.

Chains

Subdivision of Sec. 33
T. 8 S., R. 24 W.

Beginning at the closing cor. of secs. 5 and 33, on S. bdy. of the township, hereinbefore described.

N. 28° 54' E., record course on retracement of the traverse survey as executed by Arthur W. Brown, Cadastral Engineer, in 1918, along SE. toe of Bureau of Reclamation levee.

0.48 Angle Point No. 50 of the Brown traverse. There is no remaining evidence of the iron post. The point was not remonumented.

N. 29° 44' W., on record course.

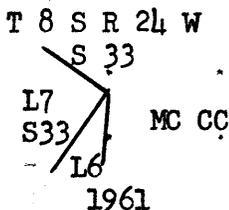
1.13 The closing cor. of secs. 32 and 33, hereinbefore described.

2.50 Angle Point No. 51 of the Brown traverse. There is no remaining evidence of the iron post. The point was not remonumented.

N. 29° 47' E., on record course.

23.78 Point for the record meander closing cor. of sec. 33, at the intersection with the 1874 meander line, as set by Brown. There is no remaining evidence of the iron post.

Set an iron post, 30 ins. long, 2½ ins. diam., 36 ins. in the ground, with brass cap mkd.



Deposit glass alongside the iron post.

Set a 4 x 4 in. redwood post alongside the iron post as a guard stake.

The 1874 meander cor. of secs. 4 and 33, on S. bdy. of Tp., hereinbefore described, bears S. 19° 17' W., 24.47 chs. dist.

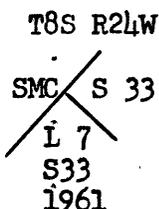
Thence

N. 61° 00' W., beginning new measurement, over accretion land, on a line normal to the present channel of the river.

Over level cultivated land.

10.39 Intersect the present left bank of the Colorado River, bearing N. 29° 00' E. and S. 29° 00' W.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, for special meander cor., with brass cap mkd.



Raise mound of stone to the E.

Deposit glass alongside iron post.

Set a 4x4 redwood post alongside for guard stake

Meanders of the Left Bank of the Colorado River,
T. 8 S., R. 24 W.

Chains

Traverses and Meanders of the Left Bank of the
Colorado River, T. 8 S., R. 24 W.

The following notes are those of the traverse or meander of the present left bank of the river, as indicated. Those lines designated as meanders front upon public land; those designated as traverses front upon patented land and are supplied herein for informational purposes only.

Beginning at the meander cor. of sec. 22, T. 8 S., R. 24 W., and sec. 35, T. 16 S., R. 21 E., S. B. M., Arizona, as described in the field notes of the concurrent resurvey of T. 16 S., R. 21 E.

In sec. 22, along an 8 ft. bank, through undergrowth, with the traverse of the left bank.

S. 21° 33' W., 3.44 chs. The meander cor. of secs. 21 and 22.

Thence, in sec. 21, with the traverse.

S. 24° 34' W., 32.66 chs. The meander cor. of secs. 21 and 28.

Thence, in sec. 28, with the traverse.

S. 42° 45' W., 7.26 chs.

S. 37° 40' W., 13.50 chs. On this course at 1.31 chs., the E 1/16 sec. line of sec. 28; begin meanders.

S. 25° 00' W., 18.90 chs.

S. 20° 00' W., 17.80 chs. At 5.23 chs., the SMC on the extended E-W centerline, sec. 28, hereinbefore described; begin traverse.

At 12.00 chs., The E. abutment of Morelos Dam bears W., 70 lks. dist.

S. 21° 45' W., 17.60 chs. At 4.37 chs., the SMC on the extended N-S centerline, sec. 28, hereinbefore described; begin meanders.

S. 15° 00' W., 10.65 chs.

S. 1° 30' W., 1.24 chs. The meander cor. of secs. 28 and 33.

Thence in sec. 33, with the traverse.

S. 27° 30' W., 5.48 chs.

S. 18° 00' W., 5.30 chs. At this point a large diesel pump in river.

S. 22° 30' W., 6.40 chs.

S. 25° 45' W., 16.00 chs.

S. 24° 15' W., 7.60 chs.

S. 37° 30' W., 5.20 chs.

S. 29° 00' W., 15.74 chs. The SMC set on the N. line of Lot 7, sec. 33, hereinbefore described; begin meanders.

S. 29° 00' W., 0.46 ch.

S. 40° 15' W., 4.91 chs. The MC of secs. 32 and 33.

Meanders of the Left Bank of the Colorado River,
T. 8 S., R. 24 W.

Chains

Thence in sec. 32, continue with meanders.

S. 47° 00' W., 1.42 chs.

S. 32° 00' W., 5.94 chs.

S. 39° 00' W., 1.60 chs.

S. 33° 00' W., 4.89 chs.

S. 39° 51' W., 16.60 chs. The true point for the Meander cor. of
secs. 5 and 32, Ts. 9 and 10 S.,
R. 24 W.

Land, level bottom.

Soil, sandy silt.

Timber, thinly scattered willows along bank.

Undergrowth, patches of arrowweed and salt cedar.

General Description

The land in T. 8 S., R. 24 W., is nearly level, varying from 110 to 125 ft. above sea level. The soil is clay loam in the eastern portion of the township where the land has been under extensive cultivation, and sandy loam in the accretion area west of the New Yuma Vally Levee. The timber in this township consists of thinly scattered cottonwood and willow trees of no commercial value. The whole area has been cleared except for undergrowth of salt cedar and arrowweed along the bank of the river.

CERTIFICATE OF CADASTRAL SURVEYOR

BOOK 4620

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of September, 19 60.

I have ~~surveyed~~, under the supervision of Robert C. Yundt, dependently resurveyed and surveyed those portions of the south boundary and subdivision, and the meanders of the left bank of the Colorado River in Township 8 South, Range 24 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 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.

Salt Lake City, Utah
(Date)

Leonard W. Murphy
Leonard W. Murphy, ~~Cadastral Surveyor~~ Surveying Technician

May 2, 1961
(Date)

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

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JAN 10 1962, 1962

The foregoing field notes of the ~~survey of~~ dependent resurvey and survey of portions of the south boundary and subdivision, and the meanders of the left bank of the Colorado River in Township 8 South, Range 24 West of the Gila and Salt River Meridian

executed by Leonard W. Murphy, under the supervision of Robert C. Yundt.

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

[Signature]
~~(Cadastral Engineering Staff Officer)~~
Chief, Division 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)

