

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original
FIELD NOTES

of the

Dependent Resurvey

and

Accretion Survey

in

Township 10 South, Range 25 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Dewitt A. Crain, Cadastral Surveyor

Leonard W. Murphy, Surveying Technician

Robert C. Yundt, Cadastral Surveyor (Supervision)

Under special instructions dated September 15, 1960, which provided
for the surveys included under Group No. 355, approved September 22, 1961
and assignment instructions dated September 26, 1960

Survey commenced October 10, 1960
October 19, 1961
Survey completed January 23, 1961
October 23, 1961

4623

INDEX DIAGRAM

Township 10 South, Range 25 West

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16-56770-1

Reestablishment of record meanders, sec. 26 Pg. 15

Meanders of left bank of river Pgs. 23 and 28

Dependent Resurvey of Township 10 South, Range 25 West.

Chains

The original survey of Township 10 South, Range 25 West, Gila and Salt River Meridian, Arizona, was executed by T. F. White, Deputy Surveyor, in 1874. In 1918 Arthur W. Brown, Cadastral Engineer, made a dependent resurvey of a portion of the east boundary and portions of the subdivision north of the third latitudinal line and in 1954 Wendall G. Hall, Cadastral Engineer, made a dependent resurvey of portions of the east boundary and subdivision and a retracement of the original meanders of the left bank of the Colorado River and a traverse of the Yuma Valley Levee. The S. boundary of secs. 34 and 35 was resurveyed by R. C. Yundt, Cad. Surveyor, in connection with resurveys in T. 11 S., R. 25 W., under group 342. The following field notes are those of a dependent resurvey of the east boundary of section 13, a dependent resurvey of those sections bordering the left bank of the Colorado River, and a survey of accretion lands fronting upon public land areas.

The dependent resurvey is a restoration of the lines of the original survey in their true original positions 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 date. After completing the necessary retracements and searches, the rules of proportionate measurement were made, or record positions used in those cases where no opposite corner was found, in order to ascertain the position of each lost corner, and when duly identified or restored the corner position were monumented with iron posts. In order to simplify the record only true line notes referring to the completed resurvey are supplied here.

The survey was executed with W. and L. E. Gurley solar transit number 541328, the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The instrument was in good adjustment prior to the beginning of the field work and was tested and found free from error. It was maintained in precise adjustment throughout the assignment.

The direction 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 narrow steel tapes, 5 and 8 chains in length, graduated to tenths of links for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a standard steel tape 1 chain in length and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by two clinometers in good adjustment. The slope distances were properly reduced to horizontal equivalents which are entered in the field note record.

The geographic position of the corner of sections 1, 2, 35, and 36 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 $32^{\circ} 30' 30''$ N., and longitude $114^{\circ} 47' 00''$ W.

The magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be 14° East.

Retracement of the South Boundary,
Secs. 34 and 35, T. 10 S., R. 25 W.

Retracement of the South Boundary,
Secs. 34 and 35, T. 10 S., R. 25 W.

Chains

The S. bdy. of secs. 34 and 35, T. 10 S., R. 25 W., was resurveyed in 1959 by R. C. Yundt, Cadastral Surveyor, as the N. bdy. of secs. 2 and 3, T. 11 S., R. 25 W., as shown upon the official plat accepted December 23, 1960.

The following field notes are of a retracement of those surveys. All corners were found as officially described.

From the cor. of secs. 1, 2, 35 and 36, which is a brass tablet set in a concrete block as described in the official record.

Thence S. 89° 41' W., bet. secs. 2 and 35.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 2 and 35.

Thence West, bet. secs. 2 and 35 ($W\frac{1}{2}$ mile).

40.00 The cor. of secs. 2, 3, 34 and 35.

Thence West, bet. secs. 3 and 34.

6.23 The meander cor. of secs. 3 and 34, on left bank of Colorado River. Continue with same line and measurement, across a bend of the river.

33.20 The meander cor. of secs. 3 and 34, on left bank of river; thence across small point of land.

37.50 The meander cor. of secs. 3 and 34, on left bank and terminus of the S. bdy. of T. 10 S., R. 25 W.

Dependent Resurvey of the East Boundary of Section 13

Reestablishment of the Survey Executed by T. F. White, Deputy Surveyor, in 1874, and Arthur W. Brown, Cadastral Engineer, in October, 1918.

Beginning at the point for corner of sections 13, 18, 19, and 24, which is marked with a steel rod, 1 inch in diameter, set in concrete and in a steel riser, cover flush with surface of road. This point is used as the original corner location by Yuma County Highway Department and local property owners. It is accepted as being the best available evidence of the original corner.

At the corner point.

Embed a brass tablet, $3\frac{1}{2}$ ins. in diameter, with a 3 inch stem in the concrete with top marked:

T10S	
R25W	R24W
S13	S18
S24	S19
1960	

Dependent Resurvey of the East Boundary of Sec. 13, of T. 10 S., R. 25 W.

Chains

The corner is set in center of E-W county road and 20 lks. E. of intersection with N-S road.

Thence

N. $0^{\circ} 06' W.$, between sections 13 and 18, along east boundary of the township.

Along east edge of road and 30 links west of irrigation ditch draining south.

40.27

The $\frac{1}{4}$ section corner of sections 13 and 18, is marked by a U.S.B.R. iron post, 1 inch in diameter, set 46 ins. in the ground, marked: $\frac{1}{4}$ 13-18. It is accepted as being the best available evidence of the original corner position.

At the corner

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, with brass cap marked:

T10S
R25W R24W

$\frac{1}{4}$
S13 | S18
1960

Bridge over irrigation ditch, bears east 30 links with reference points on N. and S. collars, each marked RP X, N. $63^{\circ} 45' E.$, 17 ft. distance and S. $51^{\circ} 00' E.$, 19 ft. distance, respectively.

N. $0^{\circ} 06' W.$, beginning new measurement.

Along east edge of road-way.

39.90

Bridge over irrigation ditch, course E.; thence E. and S.

40.26

The corner of sections 7, 12, 13, and 18, marked by a U.S.B.R. brass cap, set in concrete, 36 ins. below surface of the road. It is accepted as being the best available evidence of the original corner position.

At the corner, over the old post

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 36 ins. in the ground, in concrete, with brass cap marked:

T10S
R25W R24W

S12 | S7
S13 | S18
1960

from which

A reference point bears S. $26^{\circ} E.$, 27 ft. distant on E. collar of bridge, marked RP X 27.

A reference point bears S. $47^{\circ} W.$, 33 ft. distant on W. collar of bridge, marked RP X 33,

Land, level.

Soil, sandy clay loam.

Timber, none.

Undergrowth, in cultivated area.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

Dependent Resurvey of a Portion of the Subdivisions,
T. 10 S., R. 25 W.

Reestablishment of the Surveys executed by T. F. White in 1874 and
A. W. Brown in 1918 and W. G. Hall in 1954

The corner of sections 1, 2, 35, and 36 on the south boundary of the township is marked by a brass tablet seated in concrete in an 8 inch riser pipe in the center of U. S. Highway No. 95, conforming to the record of the dependent resurvey of Township 11 South, Range 25 West.

Thence

N. 0° 24' W. between sections 35 and 36.

Over level land, along the center of U. S. Highway No. 95, cultivated fields on both sides of the highway.

40.36

The $\frac{1}{4}$ section corner of sections 35 and 36, marked by a U.S.B.R. brass tablet, seated in concrete in an 8 inch riser pipe, properly marked. This is accepted as the best available evidence of the original corner position, the point is not remonumented.

N. 0° 24' W., beginning new measurement.

40.35

The corner of sections 25, 26, 35, and 36, marked by a U.S.B.R. brass tablet, seated in concrete in an 8 inch riser pipe, properly marked. This is accepted as the best available evidence of the original corner position; the point is not remonumented.

Land, level.

Soil, sandy clay loam.

Timber, none.

Undergrowth, in cultivated area.

N. 0° 24' W. between sections 25 and 26.

Over level land, along the center line of U. S. Highway No. 95, cultivated lands on both sides of the road.

40.27

The $\frac{1}{4}$ section corner of sections 25 and 26, marked by a U.S.B.R. brass tablet, seated in concrete in an 8 inch riser pipe, properly marked. This is accepted as the best available evidence of the original corner position; the point is not remonumented.

N. 0° 24' W., beginning new measurement.

Over level land, along the center of U. S. Highway No. 95, cultivated lands on both sides of the road.

40.28

The corner of sections 23, 24, 25, and 26, marked by an iron post, 2 inches in diameter, with the top 10 ins. below the surface of the road, properly marked, and from which the cross in a reference mark bears S. 11° 45' E., 29 feet distant, and the cross in a second reference mark bears S. 59° 00' W., 50 feet distant. This is accepted as the best available evidence of the position of the original corner. The point is not remonumented.

Land, level bottom land.

Soil, sandy clay loam.

Timber, none.

Undergrowth, in cultivated area.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains									
00.00	N. 0° 13' E. between sections 23 and 24.								
	Over level land, along the center of U. S. Highway No. 95, cultivated lands on both sides of the road.								
40.28	The $\frac{1}{4}$ section corner of sections 23 and 24, marked by a U.S.B.R. brass tablet, set in concrete in a steel riser pipe with steel cover flush with surface of the road, marked for sections 23 and 24, dated 1931. It is accepted as being the best available evidence of the original corner position. The point is not remonumented.								
	N. 0° 14' E., beginning new measurement.								
	Along roadway, over level land.								
30.00	U. S. Highway No. 95 curves NE.; thence along old highway.								
40.00	Irrigation ditch, course E.								
40.20	The corner of sections 13, 14, 23, and 24, which is marked by a U. S. B. R. iron post, 36 ins. long, $1\frac{1}{2}$ ins. in diameter, set in 1952 and over top of 1918 survey iron post, 2 ins. in diameter.								
	At the corner								
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, and in concrete, with brass cap marked:								
	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TLOS R25W</td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">S14</td> <td style="text-align: center;">S13</td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">S23</td> <td style="text-align: center;">S24</td> </tr> <tr> <td colspan="2" style="text-align: center;">1960</td> </tr> </table>	TLOS R25W		S14	S13	S23	S24	1960	
TLOS R25W									
S14	S13								
S23	S24								
1960									
	from which								
	A telephone pole #13/331 bears N. 50° 45' E., 0.595 chains distant.								
	The inside flange of bridge, bears S. 39° E., 0.76 chains distant.								
	A telephone and power line pole, bears S. 53° 15' W., 0.76 chs. distant.								
	A telephone and power line pole, bears N. 54° 15' W., 0.74 chs. distant.								
	Land, level bottom land.								
	Soil, sandy clay loam.								
	Timber, none.								
	Undergrowth, in cultivated area.								
	From the corner of sections 13, 18, 19, and 24, on the east boundary of the township, previously described.								
	S. 89° 52' W., between sections 13 and 24.								
	Along center line of road.								
.20	Center line of north-south road.								
39.95	The $\frac{1}{4}$ section corner of sections 13 and 24, which is marked by a steel rod, 1 inch in diameter, set in concrete and set in a steel								

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

riser, cover flush with surface of road. This point is accepted by Yuma County Highway Department and local property lines, and is accepted as being the best available evidence of the original corner position.

At the corner

Set brass tablet, $3\frac{1}{2}$ ins. in diameter, with a 3 inch stem in the concrete with top marked:

T10SR25W

$\frac{1}{4}$ S13

S24

1960

S. $89^{\circ} 52'$ W., beginning new measurement.

Along center line of road.

30.20 Road, bears North.

33.40 Paved highway, U. S. Highway No. 95, on curve NE. and SW. Continue in old road.

37.90 Old road, bears from SSW., continue in old road.

39.90 The corner of sections 13, 14, 23, and 24.

Land, level.

Soil, sandy loam.

No timber or undergrowth.

N. $0^{\circ} 12'$ W., between sections 13 and 14.

Along old roadway.

18.70 Road, parallel to canal

20.10 West main canal, course S. 19° W., parallel to levee.

21.40 Road, parallel to canal.

24.00 Road, bears N. 71° W., and S. 71° E.

25.60 Point for the angle Point No. 1 on east toe of U.S.B.R. levee and closing corner, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground, and in concrete, with brass cap marked:

T10SR25W

USBR

AP No. 1

CC
S14 S13

1960

27,14 The center line of the New Yuma Levee bears S. $19^{\circ} 04'$ W., and N. $19^{\circ} 04'$ E.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground and in cement, as a witness point, with brass cap marked:

T10SR25W

W|P

S14|S13

1960

39.98 Point for the $\frac{1}{4}$ section corner of sections 13 and 14, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground and in concrete, with brass cap marked:

T10SR25W

$\frac{1}{4}$

S14|S13

1960

Set a redwood post, 7 ft. long, 4 ins. square, 24 ins. in the ground, alongside the iron post as a guard stake.

56.67 Intersect the center line of levee.

Point for the witness point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, with brass cap marked:

T10SR25W

WP

S14|S13

1960

57.37 Point for the Angle Point No. 7, on east toe of U.S.B.R. levee and closing corner, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 18 ins. in the ground and in concrete, with brass cap marked:

T10SR25W

S14 | S13

CC

AP

No. 7

1960

59.40 Road, parallel to levee and canal.

59.60 West main canal, course SSE, parallel to levee.

59.80 Road, parallel to canal; thence along west side of small irrigation ditch, drains S.

75.06 The old meander corner and line of the left bank of Colorado River, as surveyed in 1874, which is marked by an iron post, 36 ins. long, 1 ins. in diameter, without brass cap, also at record distance from the north. It is accepted as being the best available evidence of the original corner position.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground, and in concrete, with brass cap marked:

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

- T10SR25W
MC
S14 | S13
1960
- 80.37 Canal, 20 links wide, 4 ft. deep, course E.
- 80.62 The corner of sections 11, 12, 13, and 14, which is marked by an iron post, 36 ins. long, 2 ins. in diameter, 48 ins. in the ground, marked for T10S, sections 11, 12, 13, and 14; it is accepted as being the best available evidence of the original corner position.
- At the corner point
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, and in concrete, with brass cap marked:
- T10SR25W
S11 | S12
S14 | S13
1960
- from which
- A telephone pole bears N. 45° E., 0.67 chains distant.
- The NW. bolt on top of head gate, in east-west canal, bears S. 73° E., 1.46 chains distant.
- A U.S.B.R. bench mark, on south wall of above head gate, bears S. 68° E., 1.45 chains distant.
- The west end of head gate for irrigation ditch, draining south, marked B|O, bears S. 42° E., 0.75 chains distant.
- A telephone pole, bears N. 48° W., 0.58 chains distant.
- Land, level.
Soil, sandy (irrigated farm land)
No timber or undergrowth.
-
- From the corner of sections 7, 12, 13, and 18, on the east boundary of the township, previously described.
- S. $89^\circ 57'$ W., between sections 12 and 13.
- 0.20 Center line of north-south road, thence along the south edge of pavement and 40 links north of irrigation canal, course East.
- 39.97 The $\frac{1}{4}$ section corner of sections 12 and 13, which is marked by a U.S.B.R. iron post, 36 ins. long, 1 inch in diameter, 48 inches in the ground, and set in a steel riser, with steel cover flush with surface of the road; brass cap marked for the $\frac{1}{4}$ section 12-13, it is accepted as being the best available evidence of the original corner position.
- At the corner point.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, and in concrete, with brass cap marked:

Dependent Resurvey of a Portion of the Subdivisions
T. 10. S., R. 25 W.

Chains	
	<p style="text-align: center;">T10SR25W $\frac{1}{4}$ S12 $\frac{1}{4}$ S13 1960</p> <p>from which</p> <p>A power line pole, bears N. 47° E., 1.46 chains distant.</p> <p>A power line pole, bears N. 62° W., 2.09 chains distant.</p> <p>A concrete irrigation ditch, course south from main ditch.</p>
	<p>S. 89° 57' W., beginning new measurement.</p> <p>Along south edge of pavement.</p>
23.50	Paved highway, U. S. Highway No. 95, curves SW.
28.60	Road curves SW. to a westing and southing of 1.40 chains distant, thence bears south; thence along north base of levee and south edge of road.
30.00	Road, bears south.
33.14	The old meander corner of left bank of Colorado River as surveyed in 1874 and 1918, which is marked by an iron post, badly decayed, without brass cap. It is accepted as being the best available evidence of the original corner position.
	<p>At the corner</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diameter, 40 ins. in the ground and in concrete, with brass cap marked:</p>
	<p style="text-align: center;">T10SR25W M $\frac{1}{4}$ S12 $\frac{1}{4}$ S13 1960</p>
39.99	The corner of sections 11, 12, 13, and 14.
	<p>Land, level.</p> <p>Soil, sandy.</p> <p>No timber or undergrowth.</p>
	<p>N. 0° 12' W., between sections 11 and 12.</p> <p>Over level land, along roadway.</p>
40.00	Bridge over irrigation canal, 30 links wide, 4 ft. deep, course E.
40.30	The $\frac{1}{4}$ section corner of sections 11 and 12, which is marked by a U.S.B.R. iron post, 36 ins. long, 1 inch in diameter, 48 ins. in the ground, marks on brass cap cannot be identified, it is accepted as being the best available evidence of the original corner position.
	<p>At the corner point.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diameter, 40 ins. in the ground, and in concrete, with brass cap marked:</p>

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

T10SR25W

S11	S12
1960	

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

Over level land, along roadway.

14.90 Road, bears E. 4 chains to house.

40.00 Bridge over irrigation canal, 20 links wide, 4 feet deep, course E.

40.30 The corner of sections 1, 2, 11, and 12, which is marked by a U.S.B.R. iron post, 36 ins. long, 2 ins. in diameter, cap badly decayed, marked for sections 1, 2, 11, and 12; it is accepted as being the best available evidence of the original corner position.

At the corner

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

T10SR25W

S2	S1
S11	S12

1960

Corner falls in road, bears E., W. and S.

Land, level.

Soil, sandy loam.

No timber or undergrowth.

N. 0° 02' E., between sections 1 and 2.

Over level land, through cultivated fields.

9.50 Irrigation ditch, 20 links wide, 2 feet deep, course E.

19.80 Irrigation ditch, 20 links wide, 2 feet deep, course E.

31.50 Irrigation ditch, 10 links wide, 3 feet deep, course E.

32.00 West Main Canal, course SW., parallel to old levee.

33.00 Road, parallel to canal.

34.24 The AP No. 18, and closing corner of sections 1 and 2, of the 1918 survey, on the old Yuma Valley Levee, which is marked by a U.S.B.R. iron post, 2 ins. in diameter, 8 ins. above the ground, firmly set, marked, and witnessed as described in the official record.

34.90 Railroad, along top of old levee, bears N. 46° 45' E., and S. 46° 45' W.

35.32 The meander corner of the left bank of the Colorado River, as surveyed in 1874, which is marked by an iron post, 2 ins. in diameter, 10 ins. above ground, firmly set, marked, and witnessed as described in the official record.

40.62 The ¼ section corner of sections 1 and 2, which marked by a U.S.B.R. iron post, 36 ins. long, 1 inch in diameter, firmly set, markings

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

dim. It is accepted as being the best available evidence of the original corner position.

At the corner point

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

T10S R25W

$\frac{1}{4}$

S2 | S1

1960

Set a redwood post, 8 ft. long, 4 ins. square, 40 ins. in the ground, alongside the iron post as a guard stake.

N. $0^{\circ} 02'$ E., beginning new measurement.

Over level land, through cultivated fields.

10.40 Drainage ditch, 20 lks. wide, 3 feet deep, drains W.

30.30 Irrigation canal, 28 links wide, 4 ft. deep, course W., from a well 20 chs. East.

40.00 Intersect north boundary of the township at the corner of sections 1, 2, 35 and 36, which is marked by an iron post, $2\frac{1}{2}$ ins. in diameter, 40 ins. in the ground, set, marked and witnessed as described in the official record of the concurrent survey of T. 9 S., R. 25 W.

Land, level.

Soil, sandy loam.

No timber or undergrowth.

The corner of sections 2, 3, 34 and 35, on the south boundary of the township, is marked by an iron post, $2\frac{1}{2}$ ins. diameter, set, marked and witnessed as described in the official record of the 1959 resurveys of T. 11 S., R. 25 W.

From this point a well bears N. $26^{\circ} 14'$ E., 44.66 chains distant.

Thence

North, on record course, between sections 34 and 35.

Over level land, at the west edge of irrigated field.

5.90 Point selected for the witness meander cor. of secs. 34 and 35.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 20 ins. in the ground, with brass cap mkd.

T10S R25W

MC

WC

S34 | S35

1960

Deposit broken glass alongside iron post.

6.60 Point for the meander cor. of secs. 34 and 35 on left bank of Colorado R., falls upon 8 ft. bank where it is impractical to set a monument.

Dependent Resurvey of a Portion of the Subdivisions,
T. 10 S., R. 25 W.

Chains

Thence project the line bet. secs. 34 and 35 up the river by triangulation, due North, a distance of 38.88 chs., to its intersection with the left bank.

The point for the meander cor. of secs. 34 and 35, on the left bank of the river, obtained as described above, falls upon a loose sandy bank where it is impractical to set a monument.

Thence

North, bet. secs. 34 and 35, with new line and measurement.

Through dense undergrowth of salt cedar and mesquite.

- 0.22 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, for the witness meander cor. of secs. 34 and 35, with brass cap mkd.

T10S	R25W
S 34	S 35

W C
M C
1960

Deposit broken glass alongside iron post.

- 2.12 Enter slough, approx. 4 to 10 ft. deep, bearing N. 54° E. and S. 54° W.
- 8.72 The point for the meander cor. of secs. 34 and 35 of 1874, at record dist.; point falls in slough and not monumented.
- 18.32 N. edge of slough, bears E. and W.; enter willows, reeds and tamarisk.
- 35.43 Point for the cor. of secs. 26, 27, 34 and 35 at intersection with line bet. secs. 26 and 35 extended on record bearing from the cor. of secs. 25, 26, 35 and 36.

At the corner point

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

T10S	R25W
S 27	S 26

S 34	S 35
------	------

1961

Set a redwood post, 7 ft. long, 4 ins. square, 40 ins. in the ground, alongside the iron post as a guard stake.

Land, nearly level.

Soil, sandy.

Timber, willows, cottonwoods, tamarisk and mesquite.

Undergrowth, salt cedar and arrowweed.

From the corner of sections 25, 26, 35 and 36.

West, on record course, bet. secs. 26 and 35.

Along dirt roadway, 40 lks. N. of irrigation canal, 20 lks. wide, 3 ft. deep, flowing E.

- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, at record distance; there is no remaining evidence of the original corner.

Dependent Resurvey of a Portion of the Subdivisions,
T. 10 S., R. 25 W.

Chains

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 40 ins. in the ground, with brass cap marked:

T10S R25 W
S 26
 $\frac{1}{4}$ —————
S 35
1960

from which

An "X" on N. wall of irrigation ditch, bears S. 55° E., 67 lks. dist., mkd. B O.

The E. collar of a bridge, bears S. 61° E., $8\frac{1}{2}$ lks. dist., marked B O.

40.20 Bridge over drain ditch, 30 lks. wide, 7 ft. deep, flowing S.

56.00 West Main Canal, 30 lks. wide, 6 ft. deep, course S., parallel to levee.

57.62 Center line of levee, with roadway on top thereof, on a curve.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 40 ins. in the ground, as a witness point, with brass cap mkd.

T 10 S R 25 W
W P
S26
—————
S35
1960

59.20 East edge of slough, bears N. and S.; from this point, an irrigation pump bears S. $24^{\circ} 45'$ W., 5.50 chs. dist.

59.53 West edge of slough, bears N. and S.; thence enter into dense growth of willows and reeds in low lands.

69.92 E. edge of pond, bears N. and S.

68.90 W. edge of pond, bears generally N. and S.; thence leave dense undergrowth.

73.70 Point for the original meander cor. of secs. 26 and 35, at record distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, surrounded with concrete, for meander cor. of sec. 26, only, with brass cap mkd.

T. 10 S R 25 W
MC | S 26
S 35
1874
1960

Set a redwood post, 8 ft. long, 4 ins. square, 36 ins. in the ground, N. of iron post.

Continue with same line and measurement.

79.40 The cor. of secs. 26, 27, 34 and 35, hereinbefore described.

Dependent Resurvey of a Portion of the Subdivisions,
T. 10 S., R. 25 W.

Chains

Land, nearly level.
Soil, sandy silt.
Timber, scattering cottonwood.
Undergrowth, dense salt cedar and willows.

West, bet. secs. 27 and 34.

Over level accretion lands which have formed since the date of the original survey in 1874. Through dense undergrowth and scattering large trees.

31.40 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, for witness point, with brass cap mkd.

T 10 S
S 27
WP ———
S 34
R 25 W
1961

Set a redwood post, 7 ft. long, 4 ins. square, 30 ins. in the ground, alongside the iron post as a guard stake.

33.88 The left bank of the Colorado River, 4 ft. in height, bearing S. 24° E. and N. $30^{\circ} 26'$ W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, for meander cor. of secs. 27 and 34, with brass cap mkd.

T 10 S
S 27
MC ———
S 34
R 25 W
1961

Land, nearly level.
Soil, sandy silt.
Timber, cottonwood, mesquite and tamarisk.
Undergrowth, dense arrowweed and salt cedar.

I return to the cor. of secs. 26, 27, 34 and 35.

North, bet. secs. 26 and 27.

Over level accretion lands which have formed since the date of the original surveys in 1874. Through dense undergrowth and scattering large trees.

41.68 The left bank of the Colorado River, 4 ft. in height, bearing N. $48^{\circ} 52'$ E. and S. $48^{\circ} 52'$ W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, for meander cor. of secs. 26 and 27, with brass cap mkd.

MC
S 27 | S 26
T10S | R25W
1961

Set a native wood post, squared on four sides, alongside the iron post as a guard stake.

Land, nearly level.
Soil, sandy silt.
Undergrowth, mesquite and salt cedar; timber, scattering cottonwood.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

Since the date of the original surveys in 1874, as shown upon the plat approved April 18, 1874, a very considerable area of land has formed in front of secs. 26, 34 and 35 by the normal process of accretion through movement of the Colorado River in a generally westerly direction. Lots 2, 3 and 4, sec. 26, containing 82.98 acres, were patented in 1907-08. At that time the apparent accreted area in front of these lots extended the full length thereof and had a width of from 25 chains to 65 chains and contained an approximate area of 310 acres. This is clearly shown upon the U. S. Geological Survey quadrangle sheet "S", 1902-03 series. The area has been substantially reduced by the river's movement eastward since that time although 122.89 acres of this once larger area remains as of today.

Within consideration of leading decisions relating to the extent of lands conveyed by patent, based upon areas returned by the official plat where additional lands had formed between the time of survey and date of patent, and particularly within the considerations established in the cases of Mecca Land & Exploration Co. v. Schlecht, et al, 4 F. (2d) 256 (D. Arizona, 1925) and Wittmayer et ux v. United States, 118 F. (2d) 808, it has been held that the excess area in front of sec. 26 did not pass with the patent of said Lots 2, 3 and 4.

The following notes are those of the original record meander line of 1874, in front of sec. 26, which as thus reported has been established as a fixed and limiting boundary of lands surveyed and conveyed therein.

Reestablishment of a Portion
of the Meander Line,
T. 10 S., R. 25 W., G. & S. R. Mer.

Original Survey Executed by
T. F. White, D. S., in 1874

From the reestablished meander cor. of secs. 26 and 35, hereinbefore described.

Thence, with the reestablishment of a portion of the record meander line in sec. 26 as a fixed and limiting boundary.

Through dense undergrowth and timber.

N. 13° 00' E., 3.00 chs.

3.00 Point for Angle Point 1

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

AP
1
T 10 S
R 25 W
S 26
1961

Thence

N. 3° 00' E., 4.30 chs.

4.30 Point for Angle Point 2

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

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

AP 2 | T 10 S
R 25 W
S 26.
1961

Thence

North, 11.00 chs.

11.00 Point for Angle Point No. 3

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

AP 3 | T 10 S
R 25 W
S 26
1961

Thence

N. 6° 30' W.

26.75 The left bank of the Colorado River, 4 ft. high, bearing N. 44° 30' E. and S. 48° 52' 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.

SMC
S 26
T 10 S R 25 W
1961

from which

A cottonwood, 9 ins. diam., bears S. $13\frac{1}{4}^{\circ}$ E., 29 lks. dist., mkd. SMC S26 BT.

Set a native cottonwood post, 4 ins. x 6 ft. long, alongside the iron post as a guard stake.

Land, nearly level.

Soil, sandy silt.

Timber, scattering cottonwood.

Undergrowth, dense salt cedar and mesquite.

Discontinue the reestablishment of the record meander line.

From the cor. of secs. 23, 24, 25 and 26.

West, on records course between secs. 23 and 26.

Over level land, along roadway, 30 lks. N. of canal.

34.90 Road, on E. bank of canal, parallel to main canal.

35.15 West Main Canal, 30 lks. wide, 6 ft. deep, course SSW.

35.40 Road, on W. bank of canal, parallel to main canal.

36.95 Intersect centerline of levee, bears N. 19° 04' E. & S. 19° 04' W.

Point for witness point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 40 ins. in the ground, and in cement, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains	
	<p>T10SR25W WP S23 S26 1960</p>
	<p>from which</p>
	<p>POSL + POT. sta. 104018.11, bears S. 19° 04' W., 0.08 chains distant.</p>
	<p>A well and pump, bears S. 74° 42' W., 16.88 chains distant.</p>
	<p>Thence through irrigated and cultivated fields.</p>
40.00	<p>Point for the $\frac{1}{4}$ section corner of sections 23 and 26, at record distance; there is no remaining evidence of the original corner.</p>
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground, with brass cap marked:</p>
	<p>T10SR25W $\frac{1}{4}$ S23 S26 1960</p>
	<p>Set a redwood post, 7 ft. long, 4 ins. square, 40 ins. in the ground, alongside the iron post.</p>
65.00	<p>Leave cultivated field; thence through dense undergrowth.</p>
66.98	<p>Point selected for the witness meander corner.</p>
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diameter, 20 ins. in the ground, with brass cap marked:</p>
	<p>T10SR25W WC S23 MC S26 1960</p>
67.58	<p>Left bank of the Colorado River and point for the meander corner of secs. 23 and 26; falls on broken bank of old meander, 6 to 8 ft. high, course S. 29° 29' E. from N. 28° 05' W., unsuitable to set a post thereon.</p>
	<p>Land, nearly level.</p>
	<p>Soil, sandy loam.</p>
	<p>No timber or undergrowth.</p>
	<p>From the corner of sections, 13, 14, 23, and 24.</p>
	<p>West, on record course between sections 14 and 23.</p>
	<p>Over roadway and 30 links north of canal.</p>
7.18	<p>E. right-of-way of West Main Canal.</p>
7.50	<p>Road, on east bank of canal, parallel to main canal.</p>
7.70	<p>West Main Canal, 30 links wide, 6 ft. deep, course SSW.</p>
8.10	<p>Road, on west bank of canal, parallel to main canal.</p>

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

8.94

The east toe of U.S.B.R. levee, at record distance for the closing corner, in accordance with the 1918 resurvey; there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 20 ins. in the ground, in concrete, with brass cap marked:

T10SR25W
USBR / C S14
 C S23
1960

9.48

Center line of levee, at U.S.B.R., station POSL. POT. 98388.12; levee bears N. 19° 04' E., S. 19° 04' W.

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

T10SR25W
WP
S14
—
S23
POSL † POT
98388.12
1960

9.70

West edge of levee; thence through irrigated and cultivated field.

24.00

Leave cultivated field; thence through dense undergrowth.

25.30

Old levee, bears S. 15° W., N. 15° E.

28.96

Point selected for witness meander corner.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 22 ins. in the ground, in concrete base, with brass cap marked:

T10SR25W
WC / S14
MC / S23
1960

29.65

A redwood post, 7 ft. long, 4 ins. square, 40 ins. in the ground, alongside the iron post as a guard stake.

Left bank of Colorado River, bank 2 ft. high, course S. 17° 56' W. from N. 34° E. and point for the meander cor. of secs. 14 and 23. The point falls on bank subject to erosion and unsuitable to set a post thereon.

Land, level.
Soil, sandy loam.
No timber or undergrowth.

From the cor. of secs. 11, 12, 13 and 14.

West, between sections 11 and 14.

Along roadway and 40 links north of canal.

14.10

Road, on east bank of canal, parallel to main canal.

14.60

West Main Canal, 30 lks. wide, 6 ft. deep, course SSE.

15.00

Road, on west bank of canal, parallel to main canal.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

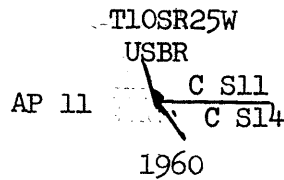
Chains

15.90

The point for the closing cor. of secs. 11 and 14 set on the east toe of levee in the 1918 resurvey, is marked by an iron post, 1 inch in diameter, set in concrete, with brass cap eroded away.

At corner point

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

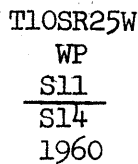


Continue with same line and measurement on the extension survey of the line bet. secs. 11 and 14.

16.23

Center line of levee, bears S. $29^{\circ} 23'$ E. and N. $12^{\circ} 42'$ W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 40 ins. in the ground, for witness point, with brass cap mkd.



Sta. POSL 925 + 42.72, bears South, 2 lks. dist.

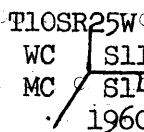
16.50

Leave levee; thence through irrigated and cultivated field.

21.80

Point selected for the witness meander corner, falls in center line of levee, bearing N. and S. 5° W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 40 ins. in the ground, in concrete; with brass cap mkd.

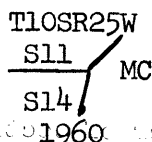


22.70

Left bank of the Colorado River and point for meander cor. of secs. 11 and 14, falls on rock fill of levee, unsuitable for setting a post thereon.

Thence, continue on same bearing, on a blank line across a loop of the river and lands of Mexico, a distance of 25.19 chs. by triangulation to regain the left bank of the river; total distance 47.89 chs.

On the left bank of the Colorado River, course N. $45^{\circ} 00'$ E. from S. $19^{\circ} 15'$ W., set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in ground, for meander cor. of secs. 11 and 14, with brass cap mkd.



Set a redwood post, 8 ft. long, 4 ins. square, 36 ins. in the ground.

Dependent Resurvey of a Portion of the Subdivisions
T: 10 S.; R. 25 W.

Chains

Thence
West, bet. secs. 11 and 14, beginning new measurement.

8.51 Point selected for witness point.

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

T10SR25W

WP

S11

S14

1960

Thence over level land, through dense brush.

32.11 Point for the cor. of secs. 10, 11, 14, and 15, 80.00 chs. west of the cor. of secs. 11, 12, 13 and 14.

Set an iron post, 30 ins. long, 2 1/2 ins. in diameter, 20 ins. in the ground, in concrete, with brass cap marked:

T10SR25W

S10 | S11

S15 | S14

1960

Land, level.

Soil, sandy.

Timber, W. 33.00 chains, small trees and brush, cottonwoods, willows, mesquite, and french tamarisk, the remainder none.

Undergrowth, small trees, and arrowweeds.

South, between sections 14 and 15.

Over level land, through dense undergrowth of brush.

30.40 Left bank of the Colorado River, 6 to 8 ft. in height, bears N. 58° E. and S. 37° 45' W.

Set an iron post, 30 ins. long, 2 1/2 ins. in diameter, 20 ins. in the ground, surrounded by concrete, for meander cor. of secs. 14 and 15, with brass cap marked:

T10SR25W

S15 | S14

MC

1960

Land, nearly level.

Soil, sandy loam.

Timber, cottonwood, mesquite and french tamarisk.

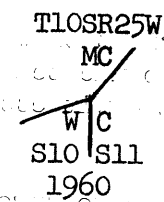
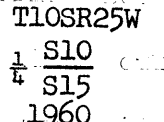
Undergrowth, small trees and arrowweed.

I return to the corner of sections 10, 11, 14, and 15.

North, between sections 10 and 11.

Over nearly level land, through dense undergrowth of brush.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains	
31.50	Point selected for the witness meander corner.
	Set an iron post, 30 ins. long, 2½ ins. in diameter, 22 ins. in the ground, in concrete, with brass cap marked:
	 <p style="text-align: center;">T10SR25W MC W C S10 S11 1960</p>
32.00	Left bank of the Colorado River, falls on broken bank, 8 to 10 ft. high, course S. 67° W. from N. 43° 05' E., where the corner monument cannot be perpetuated.
	<p>Land, nearly level. Soil, sandy. Timber, cottonwood, mesquite and french tamarisk. Undergrowth, small trees and arrowweed.</p>
	I return to the corner of sections 10, 11, 14, and 15.
	West, between sections 10 and 15.
	Over nearly level land, through dense undergrowth of brush.
40.00	Point for the ¼ section corner of sections 10 and 15.
	Set an iron post, 30 ins. long, 2½ ins. in diameter, 20 ins. in the ground, in concrete, with brass cap marked:
	 <p style="text-align: center;">T10SR25W ¼ S10 ¼ S15 1960</p>
41.84	Left bank of Colorado River, course S. 17° 00' W. from N. 31° 18' E., and point for meander cor. of secs. 10 and 15. The point falls upon a bank 4 to 5 ft. high where it is impractical to set a monument. No post is set for a witness cor. due to the nearness of the ¼ sec. cor.
	<p>Land, nearly level river bottom. Soil, sandy. Timber, cottonwood, mesquite, willows and french tamarisk. Undergrowth, small trees, arrowweed and salt cedar.</p>
	From the corner of sections 1, 2, 11, and 12.
	West, between sections 2 and 11, on dependent resurvey.
	Along roadway, over level land.
17.00	Road, on east bank of canal, parallel to main canal.
17.25	West Main Canal, 30 links wide, 6 ft. deep, course SSE.
17.60	Road, on west bank of canal, parallel to main canal.
18.41	Record distance for the corner of lot 1, section 11 and lot 11, section 2; there is no remaining evidence of the original corner.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

The point was not remonumented.

18.80 Middle of railroad track, along top of old Yuma Valley Levee, bears N. and S.

21.42 Intersect the east right of way line and closing corner on the new Yuma Valley Levee, monumented by an iron post, 2 ins. in diameter, firmly set, marked and witnessed as described in the official record, 1954.

Continue same line and measurement in the survey of accretion lands.

22.58 Intersect center line of levee, at U.S.B.R. station POSL. † POT. 87184.27; marked by a brass tablet in concrete, 12 ins. in the ground.

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

T10SR25W

WP

S2

S11

POSL † POT

87184.27

1960

from which

A well, and pump, bears N. 52° 45' W., 4.75 chains distant.

A well and pump, bears N. 49° 05' W., 28.46 chains distant.

An old adobe house bears N. 28° 00' W., 29.50 chains distant.

Over level land, through irrigated and cultivated fields.

38.23 Irrigation ditch, from well, course SSE.

40.00 Point for the ¼ section corner of sections 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 22 ins. in the ground, in concrete, with brass cap marked:

T10SR25W

¼ S2

S11

1960

Set a redwood post, 8 ft. long, 4 ins. square, 40 ins. in the ground, alongside the iron post, as a guard stake.

50.70 Irrigation ditch, course SSE.

66.55 Point selected for the witness meander corner.

Set an iron post, 30 ins. long, 2½ ins. in diameter, 20 ins. in the ground, in concrete, with brass cap marked:

T10SR25W

WC S2

MC S11

1960

66.70 Broken bank, 6 to 8 ft. high, bears N. and S.

Dependent Resurvey of a Portion of the Subdivisions
T. 10 S., R. 25 W.

Chains

72.20

Left bank of the Colorado River, bank 2 to 5 ft. above the water, course S. 14° 30' E. from N. 3° 30' W., and point for the meander corner of sections 2 and 11. This point falls upon land subject to erosion where the corner monument cannot be perpetuated.

Land, nearly level.

Soil, sandy.

Timber, cottonwood, mesquite and french tamarisk.

Undergrowth, small trees, salt cedar and arrowweeds.

Meanders of the Left Bank of the Colorado River

Beginning at the meander corner of sections 2 and 35, on N. bdy.

Thence downstream with the meanders along the top of a well-defined bank, from 6 to 8 ft. in height.

S. 18° 00' E., 22.30 chains.

S. 22° 00' W., 7.76 chains.

S. 07° 45' W., 17.50 chains.

S. 30° 45' W., 15.60 chains.

S. 18° 15' W., 11.60 chains.

S. 03° 30' E., 10.52 chains. The true point for meander corner of sections 2 and 11. The bank is 2 to 5 ft. high.

Land, nearly level.

Soil, sandy silt.

Timber, cottonwood, mesquite, willows, and french tamarisk.

Undergrowth, small trees and brush.

Thence downstream through section 11.

Along the top of a well-defined bank from 5 to 8 ft. in height. Through dense salt cedar and arrowweed.

S. 14° 30' E.; 14.90 chains.

S. 47° 45' E., 5.44 chains.

S. 12° 30' W., 6.60 chains.

S. 20° 15' W., 16.30 chains.

S. 43° 05' W., 12.02 chains. The true point for meander corner of sections 10 and 11. The bank is 8 to 10 ft. in height.

Land, nearly level.

Soil, sandy.

Timber, cottonwood, mesquite and french tamarisk.

Undergrowth, small trees, salt cedar and arrowweeds.

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

Thence downstream, through section 10.

Along the well-defined bank 4 to 8 ft. in height, through dense salt cedar and arrowweed.

S. 67° 00' W., 1.44 chains.

S. 52° 00' W., 5.99 chains.

S. 55° 00' W., 6.18 chains.

S. 62° 00' W., 5.71 chains.

S. 68° 00' W., 9.66 chains.

S. 59° 00' W., 3.79 chains.

S. 51° 00' W., 9.44 chains.

S. 31° 18' W., 11.79 chains. The true point for the meander corner of sections 10 and 15.

Land, nearly level.

Soil, sandy.

Timber, cottonwood, mesquite and french tamarisk.

Undergrowth, small trees, salt cedar and arrowweed.

Thence downstream through section 15.

Along the top of a low bank, from 1 to 4 ft. in height, on the upper side of a sandy beach.

S. 17° 00' W., 8.41 chains.

S. 02° 00' W., 5.95 chains.

South 13.06 chains.

S. 28° 00' E., 11.36 chains.

S. 46° 00' E., 9.58 chains.

S. 89° 00' E., 11.71 chains.

N. 64° 00' E., 18.05 chains.

N. 37° 45' E., 7.12 chains. The meander corner of sections 14 and 15.

Land, nearly level.

Soil, sandy.

Timber, cottonwood, mesquite and french tamarisk.

Undergrowth, small trees, salt cedar and arrowweed.

Thence downstream through section 14.

Along a well-defined bank, 4 to 6 ft. high; through dense undergrowth of mesquite, cottonwood, french tamarisk and willows.

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

N. 58° 00' E., 19.80 chains.
 N. 51° 00' E., 15.00 chains.
 N. 19° 15' E., 11.05 chains. The meander corner of sections 11 and 14.

Land, nearly level.

Soil, sandy.

Timber, cottonwood, mesquite and french tamarisk.

Undergrowth, small trees, salt cedar and arrowweed.

Thence downstream through section 11.

Along a well-defined bank 4 to 7 ft. high, through scattering mesquite, cottonwood, willows and arrowweed.

N. 45° 00' E., 2.50 chains.

N. 1° 00' E., 3.00 chains.

N. 47° 00' E., 8.60 chains.

N. 55° 00' E., 8.90 chains.

N. 87° 00' E., 7.50 chains.

S. 49° 00' E., 1.70 chains.

S. 36° 00' E., 3.00 chains.

At the end of this course the foot of old levee. Thence along foot of levee.

S. 03° 03' W., 12.60 chains.

The true point for the meander corner of sections 11 and 14.

Land, nearly level.

Soil, sandy.

Timber, mesquite.

Undergrowth, dense salt cedar and arrowweed.

Thence downstream through section 14.

Along the rock filled levee bank 10 to 14 ft. high, through scattering salt cedars.

S. 0° 15' W., 9.05 chains.

S. 2° 30' W., 3.50 chains.

S. 1° 30' W., 7.00 chains.

Thence along a well-defined bank, 4 to 8 ft. high, leave levee; enter into dense arrowweeds, mesquite, cottonwood and willows.

S. 1° 30' E., 10.10 chains.

S. 11° 30' E., 12.90 chains.

S. 21° 30' E., 6.00 chains.

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

S. 0° 30' W., 8.80 chains.

S. 26° 00' W., 7.70 chains.

S. 17° 00' W., 5.10 chains.

S. 21° 00' W., 2.70 chains.

S. 18° 00' W., 5.00 chains.

S. 34° 00' W., 5.90 chains. The true point for the meander corner of sections 14 and 23, river bank 4 to 8 ft. in height.

Land, nearly level.

Soil, sandy.

Timber, cottonwood and large willows.

Undergrowth, dense salt cedar and arrowweeds.

Thence downstream through section 23.

Along a well-defined bank, 4 to 6 ft. high, through dense cottonwood, mesquite, and french tamarisk. Undergrowth, arrowweed and small trees.

S. 17° 56' W., 1.03 chains.

S. 55° 20' W., 34.86 chains.

S. 29° 20' W., 13.44 chains.

S. 29° 00' W., 7.13 chains.

S. 51° 00' W., 5.90 chains.

S. 8° 00' E., 6.80 chains.

S. 15° 00' E., 5.42 chains.

S. 4° 00' E., 4.31 chains.

S. 5° 30' W., 4.15 chains.

S. 1° 00' W., 8.50 chains.

S. 5° 00' W., 4.68 chains.

S. 28° 05' E., 3.54 chains. The true point for the meander corner of sections 23 and 26.

Land, nearly level.

Soil, sandy.

Timber, cottonwood and large willows.

Undergrowth, dense salt cedar and arrowweeds.

Sec. 26 is patented land. The following notes are of the traverse of the left bank of the river through said sec. 26 and are furnished herein for informational purposes only.

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

Thence downstream through section 26.

Along a well-defined bank, 4 to 6 ft. high, through dense undergrowth of cottonwood, mesquite, french tamarisk and small trees.

S. 29° 29' E., 10.07 chs.

S. 11° 00' E., 5.27 chs.

S. 26° 14' W., 17.70 chs.

S. 44° 30' W., 8.29 chs.

At end of course, the special meander cor. set on the 1874 record meander line, as hereinbefore described; thence in front of accretion area.

S. 48° 52' W., 4.74 chs.

At end of course, the meander cor. of secs. 26 and 27, hereinbefore described.

Thence downstream through section 27.

Along a well-defined bank, 4 to 6 ft. high, through dense undergrowth.

S. 48° 52' W., 0.82 chs.

S. 57° 15' W., 3.93 chs.

S. 44° 30' W., 8.64 chs.

S. 58° 30' W., 8.76 chs.

S. 55° 54' W., 8.49 chs.

S. 52° 55' W., 5.74 chs.

S. 51° 24' W., 7.37 chs.

S. 3° 26' E., 15.48 chs.

At end of course, the meander cor. of secs. 27 and 34, hereinbefore described.

Land, nearly level.

Soil, sandy.

Timber, cottonwood and large willows.

Undergrowth, dense salt cedar and arrowweeds.

Thence downstream through section 34.

Along a well-defined bank, 4 to 6 ft. high, through dense small trees, salt cedar, arrowweed and brush.

S. 24° 00' E., 10.97 chs.

S. 26° 00' E., 5.20 chs.

S. 6° 00' W., 2.90 chs.

S. 5° 00' W., 5.80 chs.

S. 33° 00' E., 9.00 chs.

S. 81° 18' E., 22.54 chs.

S. 33° 45' E., 1.40 chs.

At end of course, the meander cor. of secs. 33 and 34, hereinbefore described.

Land, nearly level.

Soil, sandy loam.

Timber, none.

Undergrowth, small trees and brush.

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

Thence downstream in section 35.

Along a well-defined bank, 6 to 8 ft. high, through dense brush.

S. 51° 50' E., 9.86 chs.

S. 17° 30' E., 8.40 chs.

S. 8° 00' W., 8.50 chs.

S. 25° 00' W., 14.70 chs.

S. 44° 00' W., 4.20 chs. At end of course, the true point for the meander cor. of secs. 34 and 35.

Land, nearly level.

Soil, sandy silt.

Timber, none.

Undergrowth, small trees, arrowweed and brush.

Thence downstream in sec. 34.

Along a well-defined bank, 4 to 6 ft. high, through dense small trees and brush.

S. 43° 16' W., 9.06 chs. The meander cor. of secs. 3 and 34, on south boundary of the township, West, 6.23 chs. from cor. of secs. 2, 3, 34 and 35.

Land, nearly level.

Soil, sandy silt.

Timber, none.

Undergrowth, small trees, arrowweed and brush.

From the meander cor. of secs. 3 and 34, on left bank of river, West, 33.20 chs. distant from cor. of secs. 2, 3, 34 and 35.

Thence downstream in section 34.

Through dense small trees and brush.

N. 68° 00' W., 3.83 chs.

S. 27° 30' W., 1.61 chs. The meander cor. of secs. 3 and 34, West, 37.50 chs. dist. from cor. of secs. 2, 3, 34 and 35.

End the meanders of the left bank.

General Description

The land within Township 10 South, Range 25 West, is Colorado River bottom land, level to nearly level. The soil is a deep sandy loam, over most of the area. The timber is salt cedar, mesquite, locust,

Meanders of the Left Bank of the Colorado River, T. 10 S., R. 25 W.

Chains

cottonwood, and willows. Undergrowth: Salt Cedar, Arrowweed and with lessor amounts of weeds and grass. A major portion of this township is under cultivation. The Colorado River forms the western limits of the township and is the boundary between the United States and Mexico through this township. The elevation of the township ranges from about 80 to 100 ft. above sea level.

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CERTIFICATE OF CADASTRAL SURVEYOR

BOOK 4023

We by D. A. Crain & L. W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15 th day of September, 1960.

~~We~~ We, under the supervision of Robert C. Yundt, have executed the dependent resurvey and accretion ~~survey~~ in Township 10 South, Range 25 West

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~~ us and under ~~my~~ our 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 25, 1961
(Date)

(Date)

D. A. Crain
Cadastral Surveyor

L. W. Murphy
~~Cadastral Surveyor~~
Surveying Technician

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~~ dependent resurvey and accretion survey of T. 10 S., R. 25 W., G. & S. R. Mer., Arizona,

executed by D. A. Crain and L. W. Murphy

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)
Chief, Division of Engineering