

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE

RETRACEMENT OF A PORTION OF THE MEXICO-UNITED STATES BOUNDARY

AND

DEPENDENT RESURVEY OF PORTIONS OF THE NORTH BOUNDARY AND SUBDIVISION,

SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION LINES OF SECTION 3

AND THE MEANDER LINE OF THE LEFT BANK OF THE COLORADO RIVER IN SECTIONS 3 AND 10

AND

TRAVERSE OF THE YUMA VALLEY LEVEE IN SECTIONS 2 AND 11

TOWNSHIP 11 SOUTH, RANGE 25 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor

Under special instructions dated October 30, 1959, which provided
for the surveys included under Group No. 342, approved November 4, 1959
and assignment instructions dated November 4, 1959

Survey commenced November 13, 1959

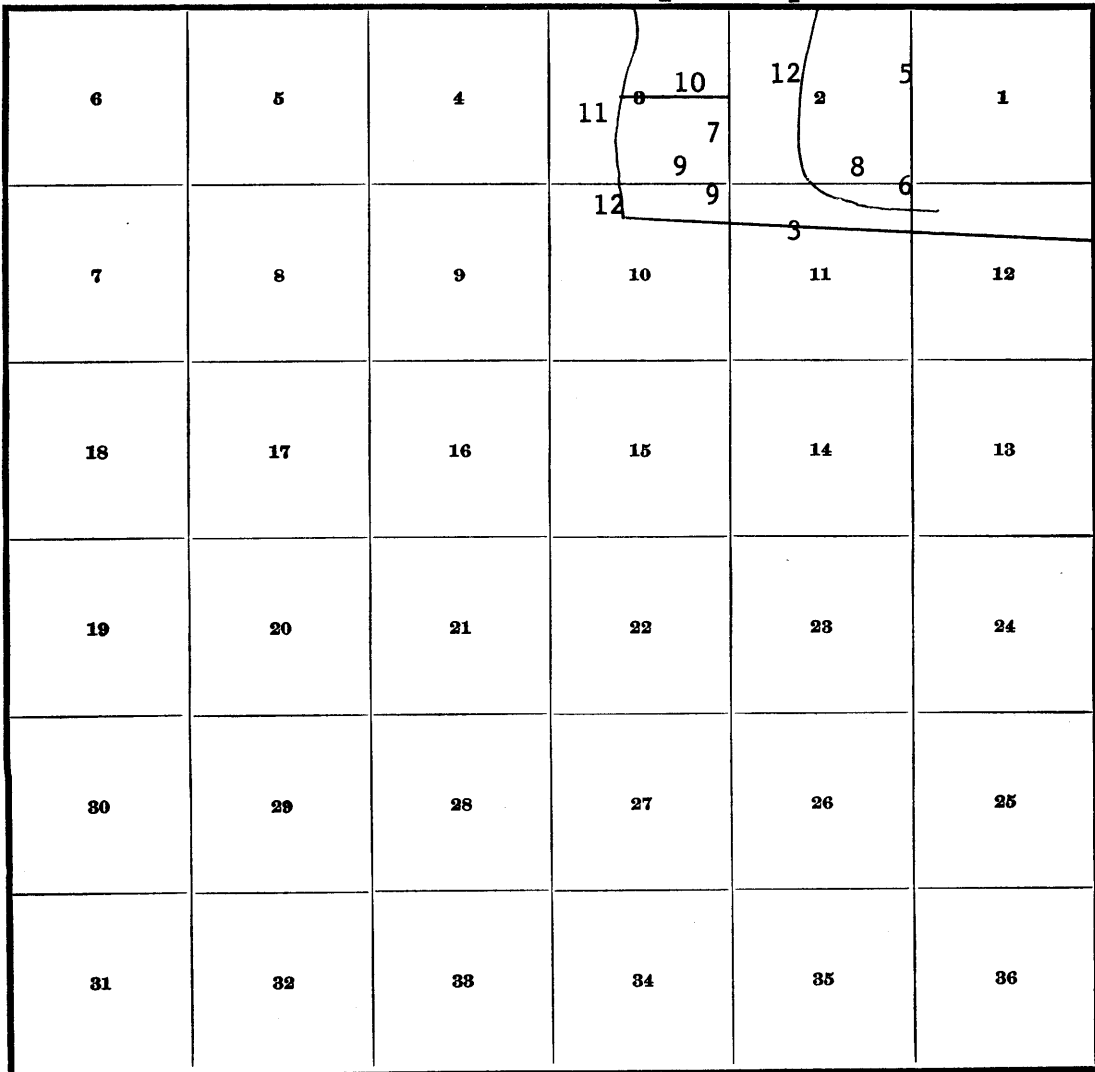
Survey completed December 4, 1959

1A

BOOK 4582

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Township 11 South, Range 25 West

Chains

The original survey of the north boundary of T. 11 S., R. 25 W., Gila and Salt River Meridian, Arizona, was made by T. F. White, Deputy Surveyor, in 1874. The south boundary lies along the International Boundary between the United States and Mexico. Part of the north boundary was retraced and the fractional township subdivided by W. H. Elliott in 1905. The following field notes are those of a dependent resurvey of the boundaries of sections 2, 3, 10 and 11, with a retracement of the International Boundary westward from Monument 204 to the Colorado River, a survey of the Yuma Valley Levee in sections 2 and 11, and the meander of the left bank of the river in sections 3 and 10.

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 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, 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 geographic position of the corner of sections 1, 2, 35 and 36 on the north 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 mean magnetic declination was found to be 14° East.

The resurvey was executed with W. & L. E. Gurley solar transit No. 451332 and Wild optical transit Model T-16, No. 54423, both the property of the U. S. Bureau of Land Management. 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 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.

Dependent Resurvey of the North Boundary of T. 11 S., R. 25 W.

Reestablishment of the surveys executed by W. H. Elliott in 1905.

The cor. of secs. 1, 2, 35 and 36, Tps. 10 and 11 S., R. 25 W., is now mkd. by a brass tablet seated in a concrete block, and set 8 ins. below the surface of an oiled road bearing N. and S. The tablet is properly mkd. and is a remonumentation of the original point by the U. S. Bureau of Reclamation in 1951.

Thence

S. $89^{\circ} 41'$ W. on dependent resurvey bet. secs. 2 and 35.

Over level land, along a bladed road bet. cultivated fields.

40.00

The point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35 was identified by adjoining property owners and is in line between the cor. of secs. 1, 2, 35 and 36, and a brass tablet established by the Bureau of Reclamation on the levee to the W.

BOOK 4582

Dependent Resurvey of the North Boundary of T. 11 S., R. 25 W.

Chains

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 44 ins. in the ground, with brass cap mkd.

T10S R25W

$$\frac{1}{4} \frac{S35}{S2}$$

1959

Deposit broken glass at the base of the iron post.

Thence

West, on record course, beginning new measurement.

8.55 Intersect the center line of the Yuma Valley levee at a point 17.82 chs. N. 8° 32' W. of the P. C. at 1160+96.30 station of the levee survey, and 0.047 chs. N. 8° 32' W. of a brass tablet mkd. POSL, firmly seated in concrete about 8 ins. below the surface of the levee. Cont. along road, cultivated land to the S. and dense undergrowth to the N.

39.50 Forks of roads bearing E. and irregularly S. and W.

40.00 Record dist.; there being no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the restored cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T10S R25W

$$\frac{S34}{S3} \frac{S35}{S2}$$

T11S R25W

1959

Deposit broken glass at the base of the iron post.

From the sec. cor., a water well bears S. 54° 18' E., 13.27 chs. dist.

Land, level.

Soil, deep sandy clay loam.

Timber, none.

Undergrowth, arrow weed, salt cedar, weeds and grass. Land mostly cultivated.

West, on dependent resurvey bet. secs. 3 and 34.

Over level land, through dense timber and undergrowth.

6.23 Intersect mean high water on the left bank of the Colorado River bearing NE. and SW.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the meander cor. of secs. 3 and 34, with brass cap mkd.

T10S R25W

$$MC \frac{S34}{S3}$$

T11S R25W

1959

Deposit broken glass at the base of the iron post.

Dependent Resurvey of the North Boundary of T. 11 S., R. 25 W.

Chains	Thence in river.
22.50	Record dist. for the original meander cor. of secs. 3 and 34 falls on the river.
33.20	Intersect mean high water on the left bank of the Colorado River bearing N. 80° W. and S. 80° E. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the meander cor. of secs. 3 and 34, with brass cap mkd. <div style="text-align: center;"> T10S R25W S34 / MC S 3 1959 </div>
	Deposit broken glass at the base of the iron post.
	Cont. over level land, through dense undergrowth.
37.50	Intersect mean high water on the left bank of the Colorado River bearing NE. and SW. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the meander cor. of secs. 3 and 34, with brass cap mkd. <div style="text-align: center;"> T10S R25W MC / S34 S 3 T11S R25W 1959 </div>
	Deposit broken glass at the base of the iron post.
	Land, level bottom land. Soil, deep sandy clay loam. Timber, mesquite and salt cedar. Undergrowth, arrow weed, salt cedar, weeds and grass.
Retracement of the International Boundary Between the United States and Mexico.	
	Monument No. 204 on the International Boundary bet. the United States and Mexico is an iron shaft about 6½ ft. high set on a concrete base about five ft. square, conforming to the record. Thence N. 71° 22' W., along the bdy. Over gently rolling land, through sparsely settled area on the northern edge of San Luis, and about 3 ft. S. of the woven wire fence on the United States side of the border.
13.27	Oiled road, U. S. No. 95, bears N. 10° W. and S. to the main part of San Luis.
32.89	The closing cor. of secs. 11 and 12, T. 11 S., R. 25 W., subsequently restored at this point.
52.80	Canal, drains S. 65° W.
75.25	Midpoint on the S. bdy. of sec. 11.

Retracement of the Boundary Between the United States and Mexico

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the closing subdivision of section cor. on the N-S center line of sec. 11, with brass cap mkd.

T11S R25W
C C
C
S | 11
C
MEX
1959

Deposit broken glass at the base of the iron post.

At a point 0.96 chs. N. 0° 39' W. of the closing cor., and at a point 60 ft. normal to the bdy. line,

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the cor. of lots 3, 6, 7 and 12 in section 11, and on the northern line of the bdy. reserve, with brass cap mkd.

T11S R25W
S11
3 | 12
6 | 7
1959

Deposit broken glass at the base of the iron post.

84.37 Intersect Monument No. 204 A, a cast iron shaft 6½ ft. long on a concrete base, 4 ft. square, conforming to the record.

117.60 The closing cor. of secs. 10 and 11, T. 11 S., R. 25 W., subsequently restored at this point

160.23 Intersect unidentified monument on the bdy., a brass tablet set in a concrete post and projecting about 10 ins. above ground, and mkd.

CILA
27528
+
SL1525

161.38 Intersect mean high water on the left bank of the Colorado River bearing N. and S.

Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground at the meander cor. of sec. 10, with brass cap mkd.

T11S
R25E
S10
MC | MEX
1959

Deposit broken glass at the base of the post.

At a point 1.144 chs. N. 18° 45' W. of the meander cor. and 60 ft. normal to the International Boundary,

Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the meander cor. on the northern line, and on the northern line of the International Boundary reserve, with brass cap mkd.

Retracement of the Boundary Between the United States and Mexico

Chains

T11S R25W
S10
MC RES
1959

Deposit broken glass at the base of the iron post.

Land, rolling.

Soil, sandy to gravelly clay loam.

Timber, none.

Undergrowth, arrow weed, salt cedar and willows on western portion.

The town of San Luis, Mexico is located immediately S. of the bdy.

at the eastern end of the line, and the inspection stations are located on either side of the border on Highway No. 25.

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Reestablishment of the surveys executed by W. H. Elliott in 1905.

Beginning at the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp.

Thence

S. 0° 08' E., on dependent resurvey bet. secs. 1 and 2.

Over level land along the center of an oiled highway, U. S. No. 95, with cultivated fields on both sides of line.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 1 and 2 is mkd. by a brass tablet firmly set in concrete, 5 ins. below the surface of the road, and being a remonumentation of the original point by the U. S. Bureau of Reclamation in 1951.

Thence

S. 0° 08' E. on same line, with new measurement.

5.70 Leave highway, bears N. and SE. on curve.

15.50 Canal, 20 ft. wide, 5 ft. deep, drains S. from NE.; thence along canal.

37.00 There is no remaining evidence of the original witness cor.

40.00 True point for the cor. of secs. 1, 2, 11 and 12 at a point 2.27 chs. West of the witness cor. established by the U. S. Bureau of Reclamation in 1957 when the original witness cor. was still extant. The Reclamation witness cor. is an iron post, 3 ft. long, 1 in. diam., properly mkd., firmly set in the ground. I remove this post and at the same point,

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 26 ins. in the ground as a witness cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

T11S R25W
WC $\frac{S2 | S1}{S11 | S12}$
1959

Deposit broken glass at the base of the iron post.

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Chains

Land, level in the N., gently rolling in the S.
Soil, deep, sandy clay loam.
Timber, few salt cedar along canal bank.
Undergrowth, arrow weed and salt cedar in the S.

From the true point for the cor. of secs. 1, 2, 11 and 12.

Thence

S. 0° 26' E. on dependent resurvey bet. secs. 11 and 12.

Over nearly level land, through scattered timber and undergrowth along a canal.

11.00 Leave canal, drains SW. from N.

12.30 Enter cultivated land, bears E. and W.

19.80 Leave cultivated land, bears E. and W., re-enter dense undergrowth.

20.10 Leave undergrowth and enter cultivated land, edge bears E. and W.

34.65 Leave cultivated land and re-enter undergrowth, edge bears E. and W.

35.84 Intersect the center line of the Yuma Valley levee at a point 11.71 chains S. 70° 41' 15" E. of the P. T. at 1237+72.46 station of the levee survey.

40.08 Proportionate dist.; there being no remaining evidence of the original 1/4 sec. cor.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 44 ins. in the ground at the restored 1/4 sec. cor. of secs. 11 and 12, with brass cap mkd.

T11S R25W

1/4
S11 | S12
1959

Deposit broken glass at the base of the iron post.

40.13 Set a redwood post, 6 ft. long, 4 ins. sq., mkd. 1/2 RP 5 LKS, on the N. face, 36 ins. in the ground, as a reference monument.

42.53 At a point 60 ft. normal to the International Boundary,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground at the cor. of lots 8 and 13 of sec. 11, and on the northern line of the bdy. reservation, with brass cap mkd.

T11S R25W

S11 | S12
13
8
1959

Deposit broken glass at the base of the iron post.

43.44 Woven wire fence about 10 ft. high, bears N. 71° 22' W. and S. 71° 22' E.

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Chains
43.49

The closing cor. of secs. 11 and 12 on the International Boundary at proportionate dist. along the bdy.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground at the restored closing cor. of secs. 11 and 12, with brass cap mkd.

T11S R25W

C C

S11 | S12

MEXICO

1959

Deposit broken glass at the base of the iron post.

Land, gently rolling.

Soil, deep, sandy clay loam.

Timber, salt cedar and locust in the S.

Undergrowth, salt cedar, arrow weed, weeds and grass in the S.

From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp.

Thence

S. $0^{\circ} 02'$ E. on dependent resurvey bet. secs. 2 and 3.

Over level land, along the W. side of the cultivated area, with dense undergrowth to the W.

20.00 Irrigation ditch, drains W.

30.10 Irrigation ditch, drains W.

30.50 Farm road, bears E. and W.

40.19 Point for the $\frac{1}{4}$ sec. cor. at proportionate dist.; there being no remaining evidence of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 40 ins. in the ground, in an E-W farm road, at the restored $\frac{1}{4}$ sec. cor. of secs. 11 and 12, with brass cap mkd.

T11S R25W

$\frac{1}{4}$

S3 | S2

1959

Deposit broken glass at the base of the iron post.

From the $\frac{1}{4}$ sec. cor. a water well bears S. $53^{\circ} 48'$ W., 23.53 chs. dist.

Cont. on same line with continuous measurement, through cultivated land.

78.30 Farm road, bears N. 70° W. and S. 70° E.

80.38 Point for the cor. of secs. 2, 3, 10 and 11.

80.38 There is no remaining evidence of the original cor. and the point is restored at record dist. from the E. and at proportionate measurement in latitude.

At the cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 40 ins. in the ground at the restored cor. of secs. 2, 3, 10 and 11, with brass cap mkd.

BOOK 4582

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Chains

T11S R25W

S3|S2

S10|S11

1959

Deposit broken glass at the base of the iron post.

Land, level bottom land.

Soil, deep, sandy clay loam.

Timber, none.

Undergrowth, arrow weed and salt cedar; land mostly cultivated.

From the true point for the cor. of secs. 1, 2, 11 and 12.

Thence

S. 89° 42' 30" W. on dependent resurvey bet. secs. 2 and 11, for signal at the POSL on the levee survey.

Over level land, through cultivated area.

.50 Forks of roads bearing, W., N., and S., cont. in road.

39.70 Canal, 20 ft. wide, 5 ft. deep, drains S.

40.07 There is no remaining evidence of the original $\frac{1}{4}$ sec. cor. and the point is restored at record dist. in departure and on line between the true point for the cor. of secs. 1, 2, 11 and 12 and the POSL of the levee survey; the latter point having been established by the U. S. Bureau of Reclamation while the $\frac{1}{4}$ sec. cor. was extant.

At the cor.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 40 ins. in the ground at the restored $\frac{1}{4}$ sec. cor. of secs. 2 and 11 with brass cap mkd.

T11S R25W

 $\frac{1}{4}$ S 2
S11

1959

Deposit broken glass at the base of the iron post, and from which:

A redwood post, 6 ft. long, 4 ins. sq., mkd. $\frac{1}{4}$ RP 45 LKS, set 40 ins. in the ground as a reference point, bears S. 38° 28' W., 45 lks. dist.

Thence

S. 89° 30' W., beginning new measurement.

Leave cultivated area, edge bears N. and S., re-enter dense undergrowth leaving road which bears E. and SW.

3.63 Intersect the center line of the Yuma Valley levee at a point 3.472 chs. N. 3° 25' E. of the P. C. at station 1207+31.59 of the levee survey and 0.013 chs. S. 3° 25' W. of the POSL.

6.30 Leave undergrowth and re-enter cultivated land, edge bears N. and S.

33.50 Farm road, bears N. 70° W. and S. 70° E.

40.07 The restored cor. of secs. 2, 3, 10 and 11.

Land, nearly level.

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Chains	<p>Soil, deep sandy clay loam. Timber, none. Undergrowth, patches of arrow weed, salt cedar, weeds and grass.</p>
24.90	<p>From the restored cor. of secs. 2, 3, 10 and 11. Thence West, record course, on dependent resurvey bet. secs. 3 and 10. Over level land, in cultivated area. Canal, drains S.</p>
37.30	<p>Unimproved road at the western edge of cultivated land, bears N. and S.</p>
40.00	<p>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 at the restored ¼ sec. cor. of secs. 3 and 10, with brass cap mkd.</p> <p style="text-align: center;">T11S R25W ¼ $\frac{S\ 3}{S10}$ 1959</p>
41.85	<p>Deposit broken glass at the base of the iron post. Mean high water on the left bank of the Colorado River bearing N. and S. Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the meander cor. of secs. 3 and 10, with brass cap mkd.</p> <p style="text-align: center;">T11S R25W MC $\frac{S\ 3}{S10}$ 1959</p> <p>Deposit broken glass at the base of the iron post, and from which A redwood post, 6 ft. long, 4 ins. sq. mkd. MCRP 20 LKS, set 40 ins. in the ground as a reference point, bears East 20 lks. dist.</p>
14.86	<p>Land, level bottom land. Soil, deep sandy clay loam. Timber, salt cedar, palo fierro, willows. Undergrowth, salt cedar, arrow weed, weeds and grass.</p> <p>From the restored cor. of secs. 2, 3, 10 and 11. Thence S. 0° 52' E., on dependent resurvey bet. secs. 10. and 11. Over level land, through cultivated land. At a point 60 ft. normal to the International Boundary and at the cor. of lots 4 and 5, sec. 11, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of the Subdivision of T. 11 S., R. 25 W.

Chains

T11S R25W
S10 | S11

4

5

1959

Deposit broken glass at the base of the iron post.

15.77 Woven wire fence about 10 ft. high, bears N. 71° 22' W. and S. 71° 22' E.

15.82 The closing cor. of secs. 10 and 11 on the International Boundary line restored at record sit. westward along that line.

At the cor.

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

T11S R25W
C C

S10 | S11

MEXICO

1959

Deposit broken glass at the base of the iron post.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, none.

Undergrowth, in cultivated area.

Survey of the Subdivision of Section 3, T. 11 S., R. 25 W.

Beginning at the ¼ sec. cor. of secs. 2 and 3.

Thence

West, along the E-W center line of sec. 3

Over level land, along the northern edge of a cultivated area and along an unimproved road.

15.30 Forks of roads bearing W., E. and SW.

24.30 Unimproved roads bearing NE., SW. and E.; leave cultivated area and enter dense timber and undergrowth.

35.03 Intersect mean high water on the left bank of the Colorado River bearing NE. and SW.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the special meander cor. on the center line of sec. 3, with brass cap mkd.

T11S R25W
S3
SMC — E — C.

1959

Deposit broken glass at the base of the iron post.

Land, level bottom land
Soil, deep, sandy clay loam.

Survey of the Subdivision of Section 3, T. 11 S., R. 25 W.

Chains

Timber, salt cedar, palo fierro and locust.
Undergrowth, arrow weed, salt cedar, weeds and grass.

Meanders of the Left Bank of the Colorado River in Section 3

Beginning at the meander cor. of secs. 3 and 34 on the N. bdy. of the Tp., set at a point 6.23 chs. West of the restored cor. of secs. 2, 3, 34 and 35.

Thence

With meanders of the left bank of the Colorado River, downstream in sec. 3, along a cut bank about 5 ft. high in dense timber and undergrowth.

S. 55° 45' W., 4.67 chs.

S. 61° 30' W., 3.73 chs.

West, 5.48 chs.

N. 68° 45' W., 4.04 chs.

N. 76° 45' W., 8.64 chs.

N. 67° 19' 30" W., 2.37 chs.

At the end of this course intersect the meander cor. of secs. 3 and 34 set at a point 33.20 chs. West of the restored cor. of secs. 2, 3, 34 and 35.

Beginning at the meander cor. of secs. 3 and 34 on the N. bdy. of the Tp., set at a point 37.50 chs. West of the restored cor. of secs. 2, 3, 34 and 35.

Thence

With meanders of the left bank of the Colorado River, downstream in sec. 3, along a sloping bank in dense timber and undergrowth.

S. 27° 30' W., 1.885 chs.

S. 27° 15' E., 4.22 chs.

S. 10° 52' W., 11.24 chs.

S. 11° 00' E., 4.19 chs.

S. 21° 45' E., 5.42 chs.

S. 0° 15' E., 3.82 chs.

S. 8° 45' E., 10.15 chs.

S. 44° 45' W., 1.18 chs.

At the end of this course intersect the special meander cor. on the E-W center line of sec. 3.

S. 44° 45' W., 0.09 chs.

S. 3° 15' W., 5.92 chs.

S. 40° 56' W., 2.62 chs.

Meanders of the Left Bank of the Colorado River

Chains

S. 24° 00' W., 3.66 chs.

S. 52° 00' W., 3.82 chs.

S. 21° 45' W., 1.70 chs.

S. 2° 45' W., 9.48 chs.

S. 1° 00' E., 11.52 chs.

S. 8° 15' E., 2.72 chs.

S. 18° 45' E., 1.15 chs. At the end of this course intersect the meander cor. of secs. 3 and 10.

Land, nearly level river bottom land.

Soil, deep sand.

Timber, mesquite, palo fierro, salt cedar and locust.

Undergrowth, arrow weed, salt cedar, weeds and grass.

Thence in sec. 10.

Along a sloping bank about five ft. high, through dense timber and undergrowth.

S. 18° 45' E., .771 chs. At the end of this course intersect the meander cor. on the northern limit of the International Boundary reservation.

S. 18° 45' E., 1.144 chs. At the end of this course intersect the meander cor. of sec. 10 on the International Boundary line.

Land, gently rolling.

Soil, deep sand.

Timber, salt cedar, palo fierro, locust and willows.

Undergrowth, arrow weed, salt cedar, weeds and grass.

Traverse of the Yuma Valley Levee

Beginning at the intersection of the line bet. secs. 2 and 35 on the N. bdy. of the Tp. and the center line of the levee:

Thence, along the center line of the levee.

S. 8° 32' 00" E., 17.82 chs. On tangent, at 0.0457 chs. on this course intersect the POSL established by the Bureau of Reclamation. At the end of the course intersect the P. C. of the levee survey at Station 1160+96.30; thence

S. 10° 20' 22.5" E., .955 chs. On the cord of a curve to the left, central angle 3° 36' 45", radius 1,000 ft., length 63.05 ft.

At the end of the course intersect the P. T. of the curve at Station 1161+59.35 of the levee survey; thence

S. 12° 08' 45" E., 6.237 chs. On tangent; at the end of course intersect the P. C. of the levee survey at Station 1165+70.96; thence

Traverse of Yuma Valley Levee in T. 11 S., R. 25 W.

Chains

S. 23° 33' 45.0" E., 6.516 chs.	On the cord of a curve to the left, central angle 24° 50' 00", radius 1,000 ft. length 433.42 ft. At the end of course intersect the P. T. of the levee survey at Station 1170+04.38; thence
S. 36° 58' 45.0" E., 4.145 chs.	On tangent. At the end of course intersect the P. C. of the levee survey at Station 1172+77.74; thence
S. 24° 13' 07.5" E., 6.693 chs.	On the cord of a curve to the right, central angle 25° 31' 15", radius 1,000 ft., length 445.42 ft. At the end of course intersect the P.T. of the levee survey at Station 1177+23.16; thence
S. 11° 27' 30.0" E., 8.726 chs.	On tangent. At the end of course intersect the P.C. of the levee survey at 1182+99.05; thence
S. 10° 29' 45.0" W., 13.595 chs.	On the cord of a curve to the right, central angle 43° 54' 30", radius 1200 ft., length 919.61 ft. At the end of course intersect the P. T. of the levee survey at Station 1192+18.66; thence
S. 32° 27' 00.0" W., 6.986 chs.	On tangent. At end of course intersect the P.C. of the levee survey at Station 1196+79.75; thence
S. 17° 56' 00.0" W., 7.596 chs.	On the cord of a curve to the left, central angle 29° 02' 00.0", radius 1000 ft., length 506.73 ft. At the end of course intersect the P.T. of the levee survey at Station 1201+86.48; thence
S. 3° 25' 00.0" W., 9.259 chs.	On tangent. At 4.774 chs. on this course intersect the POSL established by the Bureau of Reclamation: At 4.787 chs. intersect the sec. line bet. secs. 2 and 11 at a point 3.63 chs. S. 89° 30' W. of the restored $\frac{1}{4}$ sec. cor. of secs. 2 and 11. At the end of course intersect the P.C. of the levee survey at Station 1207+31.59; thence
S. 27° 53' 00.0" E., 15.748 chs.	On the cord of a curve to the left, central angle 62° 36' 00", radius 1000 ft., length 1092.58 ft. At the end of course intersect the P.T. of the levee survey at Station 1218+24.17; thence
S. 59° 11' 00.0" E., 21.001 chs.	On tangent. At the end of course intersect the P.C. of the levee survey at Station 1232+10.26; thence

BOOK 4582

Traverse of the Yuma Valley Levee in T. 11 S., R. 25 W.


Chains	
	<p data-bbox="370 336 1481 532">S. 64° 56' 07.5" E., 8.504 chs. On the cord of a curve to the left, central angle 11° 30' 15", radius 2800 ft., length 562.20 ft. At the end of course intersect the P.T. of the levee survey at Station 1237+72.46; thence</p> <p data-bbox="370 559 1481 728">S. 70° 41' 15.0" E., 11.710 chs. On tangent. At the end of course intersect the line bet. secs. 11 and 12 at a point 35.84 chs. S. 0° 26' E. of the true point for the cor. of secs. 1, 2, 11 and 12.</p> <p data-bbox="711 822 1013 854" style="text-align: center;">GENERAL DESCRIPTION</p> <p data-bbox="370 889 1464 1177">The land covered by the resurvey lies along the eastern edge of the bottom land of the Colorado River. The surface varies from nearly level in the west to gently rolling in the east. The soil is a deep sandy clay loam over most of the area, and a deep sand close to the river. The timber consists of salt cedar, palo fierro, locust, cottonwood and willows. The undergrowth is mainly arrow weed and salt cedar, with lessor amounts of weeds and grass. A major portion of the area is under cultivation and several farm houses are in the portion resurveyed.</p>

CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 30th day of October, 1959 I have ~~surveyed~~ retraced a portion of the Mexico-United States Boundary, dependently resurveyed portions of the north boundary and subdivision, surveyed a portion of the subdivision of section lines of section 3 and the meander line of the left bank of the Colorado River in sections 3 and 10 and traverse of the Yuma Valley Levee in sections 2 and 11, T. 11 S., R. 25 W. of the Gila & Salt Riv. 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

June 4, 1960


Robert C. Yundt
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

DEC 23 1960

Washington, D. C., _____, 19____

The foregoing field notes of the ~~survey of~~ retracement of portion of Mexico-United States Boundary, dependent resurvey of portions of North boundary and subdivision, survey of portion of subdivision of section lines of section 3 and the meander line of the left bank of the Colorado River in sections 3 and 10 and traverse of the Yuma Valley Levee in sections 2 and 11, T. 11 S., R. 25 W., Gila and Salt River Meridian, Arizona executed by Robert C. Yundt, Cadastral Surveyor

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


Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 11 S., R. 25 W., G.&S.R.M., Ariz., is a true copy of the original field notes.

Cadastral Engineering Staff Officer.