

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the

Dependent Resurvey of

Portions of the

North and East Boundaries and Subdivisional Lines

and

1874 Meanders of Left Bank of Colorado River

And of the

Survey of

The Eastern Right of Way Line of the New

Yuma Valley Levee

and

Extension of the Line Between Secs. 2 and 11,

Township 10 South, Range 25 West,

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

Wendell G. Hall, Cadastral Engineer

Under special instructions dated February 12, 1954, which provided for the surveys included under Group No. 291, approved February 23, 1954 and assignment instructions dated February 26, 1954.

Survey commenced March 8, 1954.

Survey completed March 31, 1954.

4431

4431

# INDEX DIAGRAM

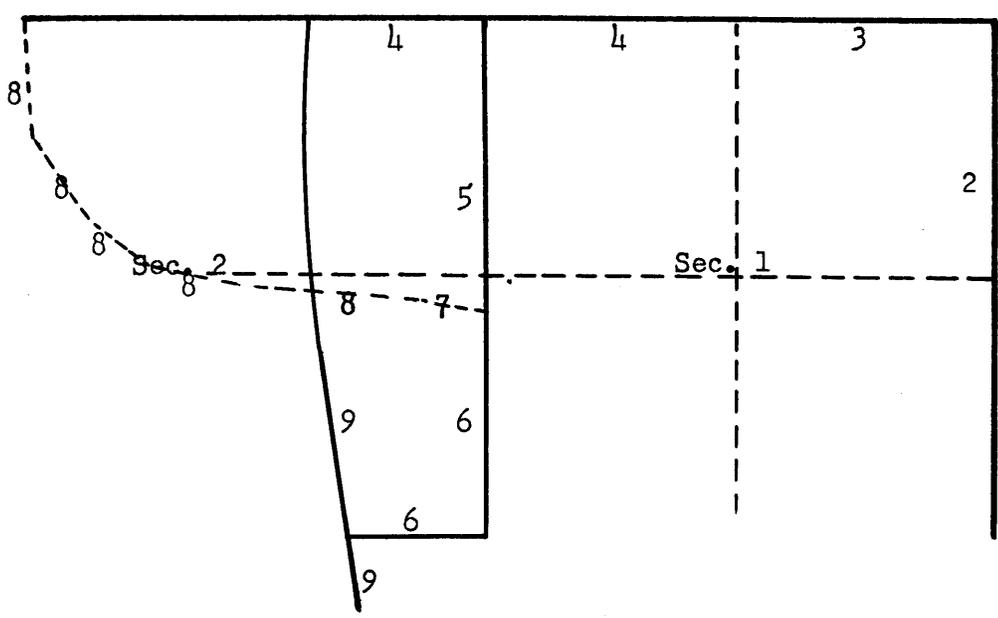
*Township* ..... , *Range* .....

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BOOK 4481

INDEX DIAGRAM

Township 10 South, Range 25 West.



Sec. 11

Sec. 12

## T. 10 S., R. 25 W., Gila &amp; Salt River Meridian, Arizona.

The original survey of this township was made by T. F. White in 1874, and the left bank of the Colorado River, which formed the western limit of the area surveyed, was meandered at that time. The Colorado River is the boundary between the United States and Mexico thru this township. During intervening years the river gradually changed its position, and in 1918 Arthur W. Brown made a dependent resurvey of portions of the White survey, and surveyed the accretion lands lying between the restored meanders of the 1874 left bank of the river and the inland toe of a levee which had been built to protect the valley lands from flooding, and also meandered the left bank of the river through some of the sections of the township. The river continued to move westward along a frontage in Ts. 9 and 10 S., R. 25 W., and a new levee was completed connecting with the old one in these townships.

The following are the field notes of a dependent resurvey of a portion of the lines of the 1874 survey, and a survey of the accretion lands lying between the inland toe of the old levee and the inland right of way line of the new levee, and is made so that designations and areas can be used for disposal of the protected areas as farm units.

The survey was executed with a light mountain solar transit made by Gurley, serial number 461266, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition, and its adjustment checked and found correct before beginning the survey.

The directions of the lines were determined by altitude observations on the sun. Measurements were made with a steel tape, 101 feet long, graduated at each 1/100 foot interval for the first foot, and at each foot interval for the remaining 100 feet. The tape is the property of the Bureau of Reclamation, and was tested and found correct. Measurements were made with horizontal tape, carefully plumbed to the points on the ground, and recorded to 0.01 foot. Conversions to the chain unit have been made to the nearest 0.001 chain.

March 20, 1954, at the restored  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, on the east boundary of T. 9 S., R. 25 W., approximate latitude  $32^{\circ} 36' 10''$  N., I make a series of three sets of altitude observations on the sun, each with telescope in direct and reversed positions, observing the sun's center, and reading the horizontal angle from a signal set on the corner of Ts. 9 and 10 S., Rs. 24 and 25 W. westerly to the sun

Mean time of observation (Mountain Standard Time)	3h 40m 00s p.m.
Mean of observed vertical angles.....	$38^{\circ} 26' 05''$
Mean of observed horizontal angles.....	$59^{\circ} 27' 10''$
Sun's declination.....	$0^{\circ} 05' 10''$ S.
Resulting bearing to signal.....	$S.0^{\circ} 05' 04''$ E.

This observation is typical of the several observations taken in determining and checking the directions of the lines. In most cases both forenoon and afternoon observations were made at each observation station, and the mean value used as direction.

In making the survey of the curved portions of the levee right of way line in this and the adjoining township, the measurement of the arc was made by the method of short chords and deflection angles. The detail of this is not shown. The bearings to the center (radius point) of the curve, and the bearings back, are computed values; the differences between the bearings back correctly represent the central angle for the arc measured and the radius given.

## Dependent Resurvey, Portion of East Boundary, T. 10 S., R. 25 W.

Feet	Chains	(Restoring the survey made by Arthur W. Brown in 1918)												
		<p>The corner of Ts. 9 and 10 S., Rs. 24 and 25 W. is restored at a point verified by Mr. Ira Lyons, resident in sec. 1, who knew the monument when it was in existence in 1926 and later years. Point falls at proportionate distance north and south, and at record course and distance from probable position of the <math>\frac{1}{4}</math> sec. cor. of secs. 6 and 31 to the east.</p> <p>At the corner point</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 50 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T9S</td></tr> <tr><td>R25W</td><td>R24W</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td>S1</td><td>S6</td></tr> <tr><td colspan="2">T10S</td></tr> <tr><td colspan="2">1954</td></tr> </table> </div> <p>from which</p> <p>A concrete pipe, 18 ins. diam., <math>2\frac{1}{2}</math> ft. long, surrounds the monument, with a concrete cover over the pipe.</p> <p>The gate stem into sub-lateral canal south out of West Main Canal bears N. <math>27^{\circ} 09' W.</math>, 78.9 lks. (52.10 ft) dist.</p> <p>Corps of Engineers RM, a bronze disk in a concrete post at south and east side of highway, bears S. <math>77^{\circ} 12' E.</math>, 2.464 chs. (162.62 ft.) dist.</p> <p>A brass disk, set in the concrete of gate structure, to the north of the gate, as a reference monument, bears S. <math>19^{\circ} 23' W.</math>, 70.0 lks. (46.23 ft.) dist., marked T 10 S R 25 W S 1 1954 and an arrow pointing to the corner.</p> <p>A cottonwood, on west side of sub-lateral, 18 ins. diam., bears S. <math>39^{\circ} 20' W.</math>, 1.455 chs. (96.0 ft.) dist., not mkd.</p> <p>A telephone pole, on west side of sub-lateral, bears S. <math>63^{\circ} 45' W.</math>, 81.1 lks. (53.5 ft.) dist.</p> <p>From the corner</p> <p>S. <math>0^{\circ} 14' E.</math> on true line bet. secs. 1 and 6.</p> <p>Over level land, between the west edge of paved highway and east bank of sub-lateral canal.</p>	T9S		R25W	R24W	S36	S31	S1	S6	T10S		1954	
T9S														
R25W	R24W													
S36	S31													
S1	S6													
T10S														
1954														
2655.26	40.231	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 1 and 6, restored at record course and distance from the fence corner, which bears S. <math>88\frac{1}{2}^{\circ} W.</math>, 81 lks. (53.5 ft) dist. Marks on post cannot be identified.</p> <p>At the corner point</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 44 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2"><math>\frac{1}{4}</math></td></tr> <tr><td>S1</td><td>S6</td></tr> <tr><td colspan="2">1954</td></tr> </table> </div> <p>from which</p> <p>Transformer pole, on power-line bearing north and south, bears N. <math>11^{\circ} 30' E.</math>, 3.400 chs. (224.4 ft.) dist.</p>	$\frac{1}{4}$		S1	S6	1954							
$\frac{1}{4}$														
S1	S6													
1954														

## Dependent Resurvey, Portion of East Boundary, T. 10 S., R. 25 W.

Feet	Chains	
		<p>The southwest corner of McDaniel's house bears N. 68° 00' E., 2.744 chs. (181.1 ft.) dist.</p> <p>Bureau of Reclamation bench mark, a brass disk in NW. concrete wingwall of a gate structure bears S. 27° 55' W., 1.107 chs. (73.07 ft.) dist. Elevation is not marked on disk.</p> <p>Gate stem, in same structure, bears S. 23° 55' W., 1.130 chs. (74.60 ft.) dist.</p> <p>Gate stem, to farm delivery lateral, bears S. 62° 30' W., 75.8 lks. (50.0 ft.) dist.</p> <p>Point on centerline of pavement, Arizona State Highway No. 95, bears East, 28.8 lks. (19.0 ft.) dist. Highway bears N. and S.</p> <p>The corner of secs. 1, 6, 7, and 12, as perpetuated by the Arizona highway department, bears S. 0° 03' W., 40.385 chs. (2665.40 ft.) dist. Surface indications are a cast iron plate, about 10 ins. diam., with a hole 1 in. diam. in center to allow access to the sub-surface monument, not examined.</p>
<p>Dependent Resurvey of the North Boundary of T. 10 S., R. 25 W. (Restoring the survey made by T. F. White in 1874)</p> <p>From the corner of Ts. 9 and 10 S., Rs. 24 and 25 W. West, on the parallel, bet. secs. 1 and 36. Over level land.</p>		
18.0	.27	Sub-lateral canal, 10 lks. wide, course S.
804.0	12.18	Middle of West Main Canal, course S. 74° 10' W.
855.0	12.95	Road, along north bank of canal, bears N. 74° 10' E. and S. 74° 10' W.
1006.6	15.25	Through dense brush. Iron post mentioned in 1918 resurvey record cannot be found.
1056.7	16.01	The south toe of the Yuma Valley Levee and point for the closing cor. of secs. 1 and 36 and angle point No. 22 of the 1918 survey of the traverse along the levee toe. The monument can not be found. Point not remonumented.
1118.20	16.942	Set an iron post, 3 ft. long, 2 ins. diam., 36 ins. in the ground for witness point, with brass cap mkd.
		WP T9S R25W S. 36 <hr/> S 1 T10S 1954
		Witness point is about 0.8 lk. (0.5 ft) southerly from the centerline of railroad along top of levee. Cap on post is level with top of ties. Railroad and levee bears N. 74° 08' E. and S. 74° 08' W.
1231.0	18.65	North toe of levee, bears N. 74° 10' E. and S. 74° 10' W. Continue through brush.
1934.0	29.30	Leave brush and enter cultivated land, bears N. and S.
2640.00	40.000	Point for $\frac{1}{4}$ sec. cor. of secs. 1 and 36, at record distance.

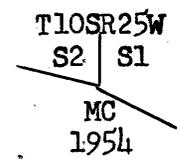
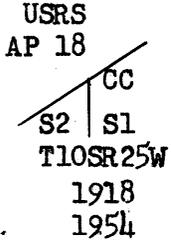
Dependent Resurvey of the North Boundary of T. 10 S., R. 25 W.

Feet	Chains	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.
		$\frac{1}{4} \frac{S\ 36}{S\ 1}$ 1954
		Set a redwood board, 2x6 ins. x 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.
3925.0	59.47	Leave cultivated land, bears N. and S. Across open land.
3948.0	59.82	The NE. cor. of cultivated field bears south about 10 lks. dist. Thence through dense brush to the north of north edge of field.
5280.0	80.00	Point for the corner of secs. 1, 2, 35, and 36, at record distance.
		Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.
		$\begin{array}{c} T9SR25W \\ S35   S36 \\ \hline S2   S1 \\ T10S \\ 1954 \end{array}$
		Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.
		Land, nearly level. Soil, gray silt. Brush, salt cedar, mesquite, and arrow weed.
		West, bet. secs. 2 and 35.
		Over level land, through brush.
1384.0	20.97	The NW. cor. of cultivated field, bears S. and S. of E.
1846.90	27.983	Intersect the right of way line of the new Yuma Valley Levee, on a curve, radius 14,925 ft.
		Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.
		$\begin{array}{c} T9S\ R25W \\ LEVEE / S35 \\ R/W / S\ 2 \quad CC \\ T10S \\ 1954 \end{array}$
		Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.
		The center of the right of way arc bears S. 85° 40' 07.3" E, 14,925 ft. (226.136 chs.) dist. The bearing back is N. 85° 38' 33.7" W.
1921.96	29.121	Intersect the center line on top of the new Yuma Valley Levee.
		Set an iron post, 3 ft. long, 2 ins. diam., 4 1/2 ins. in the ground, for a witness point, with brass cap mkd.

Dependent Resurvey of the North Boundary of T. 10 S., R. 25 W.

Feet	Chains.	
		<p style="text-align: center;">WP T9S R25W S 35 ----- S2 T10S 1954</p> <p>from which</p> <p>A Bureau of Reclamation monument, a brass disk set in a concrete block, with top 12 ins. below gravelled surface of levee top, mkd. POC Sta. 821 + 69.83, bears S. 3° 40' W., 5.154 chs. (340.17 ft.) dist.</p> <p>The center of the circular arc of the centerline bears S. 85° 41' 25.3" E. The bearing back is N. 85° 39' 51.7" W. Distance 15,000 ft. (227.273 chs.)</p>
2640.00	40.000	Point for the 1/4 sec. cor. of secs. 2 and 35, on river side of levee, not monumented.
4140.00	62.727	<p>Establish a witness corner to the original meander corner of secs. 2 and 35.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.</p>
		<p style="text-align: center;">WC T9S R25W ----- MC   S35        S 2 T10S 1874 1954</p> <p>Record position for the 1874 meander corner is West, 9.273 chs. (612.00 ft.) from this witness corner.</p>
4153.00	62.92	Top of cut bank of Colorado River, bears N. 10° W. and S. 10° E. Desc. 6.ft.
4160.0	63.03	Left edge of water in Colorado River, course S. 10° E.
4752.0	72.00	<p>Record dist. to 1874 meander cor., falls in river.</p> <p>Land, nearly level.</p> <p>Soil, gray silt.</p> <p>Brush, salt cedar and mesquite.</p>
<p>Dependent Resurvey, Portion of Subdivision, T. 10 S., R. 25 W. (Restoring the survey made by T. F. White in 1874, and by Arthur W. Brown in 1918)</p> <p>From the corner of secs. 1, 2, 35, and 36, on N. bdy. of tp. S. 0° 02' E. bet. secs. 1 and 2.</p> <p>Over cultivated land.</p>		
642.5	9.735	A farm lateral, course W.
1954.0	29.61	A farm lateral, course E.
2640.00	40.000	<p>Point for 1/4 sec. cor. of secs. 1 and 2.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.</p>
		<p style="text-align: center;">1/4 ----- S2   S1 1954</p>

## Dependent Resurvey, Portion of Subdivision, T. 10 S., R. 25 W.

Feet.	Chains.	
		Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.
2930.0	44.39	Leave cultivated land, bears E. and W.
2989.80	45.300	Position of 1874 meander corner, on bank of old levee.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap mkd.
		
		from which  Railroad switch-stand bears S. 83° 51' E., 58.1 lks. (38.35 ft.) dist.
3018.18	45.730	Railroad track along top of old levee bears N. 46 3/4° E. and S. 46 3/4° W.
3061.08	46.380	Point for Angle Point No. 18 and closing corner of secs. 1 and 2 of the 1918 survey, in the general line of the toe of the slope of the old Yuma Valley Levee.  Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap mkd.
		
3135.7	47.51	Road along north bank of West Main Canal, bears NE. and curves to the south.  Across canal, course SW.
3219.7	48.78	South bank of canal.
3340.0	50.60	Enter cultivated field, bears NNE. and SSW.
4006.0	60.70	Farm lateral, course east.
4696.0	71.15	Farm lateral, course east.
5320.68	80.616	The corner of secs. 1, 2, 11, and 12, defined by an iron post, 2 ins. diam., properly mkd. This post was set by the Bureau of Reclamation in 1952 to perpetuate the corner point, the remains of the 1918 survey monument being found at this point. Cor. is in road, bearing east, west, and south. Post is set with cap about 4 ins. below surface of road.  Land, level. Soil, gray silt. Brush, arrow-weed and salt cedar except on cultivated portions.
		West, bet. secs. 2 and 11.  Over level land, along road.
1137.0	17.227	Bridge, over West Main Canal, which flows south at this point.
1175.0	17.803	Power line, about 20 lks. south of corner from which line bears south and east.

## Dependent Resurvey, Portion of Subdivision, T. 10 S., R. 25 W.

Feet	Chains.	
1215.06	18.410	Point for angle point 14 and the closing corner of secs. 2 and 11 of the 1918 survey, falls on ramp at N. edge of road and in general line of the eastern toe of the old Yuma Valley Levee. Set temp point.  Thence with the survey of the extension of the line bet. secs. 2 and 11, continuing line and measurement.
1230.1	18.638	Middle of railroad track along top of old Yuma Valley Levee, bears N. and S.
1246.6	18.888	Middle of side track along top of levee, bears N. and S.
1414.62	21.434	Intersect the eastern right of way line of the new Yuma Valley Levee. Establish a closing corner.  Set an iron post, 3 ft. long, 2 ins. diam., 36 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T10SR25W            LEVEE   S 2            R/W   S 11 — CC            1954         </div> Set a redwood board, 2x6 ins., 5 ft. long, 30 ins. in the ground alongside the iron post. Board is painted white.  Corner stands at the north shoulderline of ramp and road between levees.  The monument on the right of way line opposite levee sta. 852 + 98.88 P T, hereinafter described, bears N. 8°56'30"W., 28.745 chs. (1897.18 ft.) dist.  The monument on the right of way line opposite levee sta. PC 879 + 38.43, hereinafter described, bears S. 8°56'30"E., 9.73 chs. (642.37 ft.) dist.
1490.54	22.584	Intersect the centerline of the new Yuma Valley Levee at the monument established by the Bureau of Reclamation in 1952, a brass disk in a concrete block, 12 ins. below the surface, marked POSL Sta. 871 + 84.27.  Land, level. Soil, gray silt.
		Dependent Resurvey, Meanders of Left Bank, Colorado River. (Restoring the survey made by T. F. White in 1874.)  From the restored meander corner of the left bank of the Colorado River for secs. 1 and 2, heretofore described.  N. 80° 02' W.
40.0	.61	Toe of old levee, bears NE. and SW. Thence over cultivated field.
654.46	9.916	Angle point, at proportionate distance.  Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           S 2            AP            S 2            1874            1954         </div>

## Dependent Resurvey, Meanders of Left Bank of Colorado River

Feet.	Chains.	
		<p>Set a white board, 2x6 ins., 5 ft. long, 2 ft. in the ground alongside the iron post.</p> <hr/> <p>N. 85° 05' W., beginning new measurement.</p>
1158.83	17.558	<p>Intersect the right of way line of the new Yuma Valley Levee, on curve. Establish a closing corner.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10SR25W</p> <p>M S2</p> <p>LEVEE R/W CC</p> <p>S2</p> <p>1954</p> </div> <p>Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.</p> <p>The center (radius point) of the right of way curve bears N. 83° 39' 02" E., 226.136 chs. (14,925 ft.) dist. The bearing back is S. 83° 40' 35.0" W.</p>
1235.15	18.714	<p>Intersect the centerline of the new Yuma Valley Levee, on curve 10.507 chs. (693.45 ft) northerly in arc from center line PT Sta. 852+ 98.88. The center (radius point) of the curve bears N. 83° 42' 24" E., 227.273 chs. (15,000.0 ft.) dist. The bearing back is S. 83° 43' 58" W.</p>
1963.57	29.751	<p>Angle point, at proportionate distance, on river side of levee, not monumented.</p> <hr/> <p>N. 78° 00' W.</p>
981.49	14.871	<p>Angle point, at proportionate distance, on river side of levee, not monumented.</p> <hr/> <p>N. 54° 50' W.</p>
785.66	11.904	<p>Angle point, at proportionate distance, on river side of levee, not monumented.</p> <hr/> <p>N. 39° 42' W.</p>
399.89	6.059	<p>Angle point, at proportionate distance, on river side of levee, not monumented.</p> <hr/> <p>N. 35° 41' W.</p>
82.0	1.24	<p>Left bank of Colorado River, Bears N. 25° E. and S. 25° W.</p>
524.63	7.949	<p>Angle point, at proportionate distance, falls in river.</p> <hr/> <p>N. 0° 28' E.</p>
1317.56	19.963	<p>True point for meander cor. of secs. 2 and 35, in river.</p> <hr/> <p>Survey of eastern right of way line of new Yuma Valley Levee T. 10 S., R. 25 W.</p>

## Survey of Eastern Right of Way Line of New Yuma Valley Levee, T. 10 S., R. 25 W.

Feet.	Chains.	
		<p>On the centerline of the new levee PC Sta. 879 + 38.43 is monumented with a brass disk set in a concrete block, top 12 ins. below surface of levee, marked with the station designation and date, 1952.</p> <p>N. 81° 03' 30" E., 75.00 ft. (1.136 chs.) dist.</p> <p>Point on the right of way line.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> </div> <p>Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.</p> <p>This monument stands on the west slope of the old Yuma Valley Levee.</p> <p>N. 8° 56' 30" W. along right of way line through sec. 11.</p>
642.37	9.73	The closing corner of secs. 2 and 11, heretofore described.
1897.18	28.745	<p>N. 8° 56' 30" W. along right of way line through sec. 2, beginning new measurement.</p> <p>Point on right of way line.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> </div> <p>Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.</p> <p>Monument on the levee centerline, a brass disk in a concrete block, mkd. PT Sta. 852 + 98.88 1952, bears S. 81° 03' 30" W., 75.00 ft. (1.136 chs.) dist.</p> <p>The center (radius point) of the following arc of the right of way bears N. 81° 03' 30" E., 14,925.0 ft. (226.136 chs.) dist. The bearing back is S. 81° 05' 03" W.</p> <p>Thence with the arc of the right of way curve, radius 14,925.0 ft. (226.136 chs.), beginning new measurement.</p>
675.25	10.231	The closing corner established in restoring the meanders of the 1874 left bank of the Colorado river, heretofore described.
813.31	12.323	Computed point for intersection of the east and west centerline of sec. 2 with the right of way line. Not monumented. The center (radius point) of the curve bears N. 84° 10' 50" E., 14,925 ft. (226.136 chs.) dist. Bearing back S. 84° 12' 23" W.
2136.46	32.371	Computed point for intersection of the N 1/16 sec. line of sec. 2 with the right of way line. Not monumented.

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## Survey of the Eastern Right of Way Line of the Yuma Valley Levee, T. 10S., R. 25 W.

Feet	Chains	
3113.40	47.173	<p>The center (radius point) of the right of way curve bears N. 89° 15' 35.3" E., 14,925 ft (226.136 chs.) dist. The bearing back is S. 89° 17' 09.1" W.</p> <p>Point on the right of way curve.</p> <p>Set an iron post, .3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10SR25W LEVEE / S2 R/W / 1954</p> <p>Set a redwood board, 2x6 ins., 5 ft. long, painted white, 2 ft. in the ground alongside the iron post.</p> <p>Monument on the levee centerline, a brass disk in a concrete block, with top 12 ins. below surface of levee, mkd. POC STA 821 + 69.83 bears N. 86° 59' 23.2" W., 75.00 ft. (1.136 chs.) dist.</p> <p>The center (radius point) of the right of way curve bears S. 86° 59' 23.2" E., 14,925 ft. (226.136 chs.) dist. The bearing back is N. 86° 57' 49.5" W.</p>
3457.52	52.387	<p>The closing corner of secs. 2 and 35 on north boundary of the township, heretofore described.</p>



CERTIFICATE OF CADASTRAL ENGINEER

I, Wendell G. Hall, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 12th day of February, 1954 I have surveyed the East Right of Way Line of the new Yuma Valley Levee and the extension of the line between secs. 2 and 11, and dependently resurveyed the portions of the north and east boundaries, subdivisional lines, and 1874 meanders of the left bank of the Colorado River, 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 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.

Albuquerque, N.M.
April 27, 1954

Wendell G. Hall
Wendell G. Hall
Cadastral Engineer.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., OCT 20 1954, 19

The foregoing field notes of the survey of the east right of way line of the new Yuma Valley Levee and the extension of the line between secs. 2 and 11, and of the dependent resurvey of portions of the north and east boundaries, subdivision, and meander lines in Township 10 South, Range 25 West,

executed by Wendell G. Hall having been critically examined and found correct, are hereby approved.

Onal O. Clement
Chief, Division of Cadastral Engineering
Acting Cadastral Engineering Officer

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.

Chief, Division of Cadastral Engineering.