

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the

Limited Dependent Resurvey

and

Accretion Survey,

Township 3 North, Range 22 West

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

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Under special/instructions dated September 15, 1960  
October 27, 1961, 19, which provided  
for the surveys included under Group No. 355, approved September 22, 1960  
October 31, 1961

and assignment instructions dated September 26, 1960  
October 31, 1960, 19  
November 7, 1960

Survey commenced March 1, 19 61  
November 13, 1961

Survey completed March 9, 19 61  
November 24, 1961

BOOK 4634

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16-56770-1

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Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

Township 3 North, Range 22 West is situated immediately east of the city of Blythe, Calif., on the east side of the Colorado River and contains the old town of Ehrenberg, Arizona. U. S. Highways Nos. 60 and 70 traverse through the township, in a general east and west direction, near the center thereof.

The township was surveyed by W. B. Kimmel, U. S. Surveyor, in 1916-17, under Group 47. The official plat was approved March 20, 1918. The township is fractional being bounded on its westerly side by the Colorado River.

The following surveys are those of a retracement and reestablishment of the south boundary of sec. 34 and the boundaries of secs. 15, 21, 22, 27 and 34 designed to restore the corners thereof in their original positions according to the best available evidence; and, the survey of accretion lands not included in previous surveys. This work has been undertaken at the request of the Bureau of Reclamation as an administrative measure.

Between the time of the original survey and 1923, the river moved westerly by normal processes of erosion and accretion, to the creation of considerable added areas in front of the resurveyed sections. In 1923 the river was rechannelized through secs. 21 and 28 by the dredging of the Raab Cut. These surveys have included those areas in front of secs. 21 and 28, out to the considered 1923 position for the left bank, together with other accreted lands situated on the present left bank of the river. In front of sec. 34 the river has eroded and destroyed land areas as originally returned. In this instance the surveys have amended the public land areas representative of such loss.

The surveys were executed with a Buff and Buff transit and a Gurley transit, each constructed in accordance with the standard specifications of the Bureau. The instruments were in good adjustment and were frequently tested and adjusted during the course of the surveys to maintain them in good condition. All directions of lines reported herein are true as determined by astronomical observations made upon the survey lines and carried forward by normal transit methods. Measurements were made with Chicago and Dietzgen narrow-band steel tapes, 5 to 8 chains in length, which had been compared with a one chain standard tape and found correct. All distances reported are based on horizontal equivalents.

The geographic position of the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township, as scaled from the U. S. Geological Survey quadrangle map, Blythe-1951, is as follows:

Latitude  $33^{\circ} 33.10' N.$  Longitude  $114^{\circ} 30.63' W.$

The mean magnetic declination, as determined from the same map, is  $15^{\circ}$  East.

Limited Dependent Resurvey and Accretion Surveys  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

Dependent Resurvey of a Portion of the South Boundary,  
T. 3 N., R. 22 W.

Reestablishment of the Surveys by  
W. E. Kimmel, U. S. Surveyor, in 1916-17

Beginning at the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., which is monumented with an iron post, 3 ins. diam., projecting 10 ins. above the ground, mkd. and witnessed as described in the official record. I find the post to be in good condition.

West, bet. secs. 3 and 34, on S. bdy.

Over rolling desert; ascend 30 ft. along N. slope.

4.45 Top of ascent, slopes NW.; desc. 6 ft. over broken W. slope.

15.45 Top of steep bank, edge bears generally NW. and SE.; desc. 74 ft. over steep SW slope.

20.30 Foot of steep bank; desc. 62 ft. over gently westerly slope.

39.97 The  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, monumented with an iron post, 1 in. diam., projecting 6 ins. above ground, mkd. as described in the official record. I find the post to be in good condition.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of cor.

West, beginning new measurement (W.  $\frac{1}{2}$  mile).

Descend 30 ft. over gentle westerly slope.

20.27 Witness point for secs. 3 and 34, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, mkd. and witnessed as described in the official record. I find the post to be in good condition.

Monument falls at top of steep bank bearing N. and S.; descend 46 ft. over steep W. slope.

21.50 Foot of bank and dirt access road, 15 lks. wide, bearing N. and S.; enter level bottom land.

22.15 Dirt access road, 15 lks. wide, bearing NE. and SW.

23.17 Left bank of the Colorado River, bearing N.  $36^{\circ} 40'$  E. and S.  $62^{\circ} 09'$  W.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. in diam., 24 ins. in the ground, in concrete, for the meander cor. of secs. 3 and 34, with brass cap mkd.

T3N R22W  
MC / S34  
S3  
1961

Set a redwood post, 6 ft. long, 4 ins. sq., alongside the iron post as a guard stake.

Land, rolling desert.  
Soil, sand, gravel and rock.  
Timber, scattered iron wood.  
Undergrowth, greasewood and cactii.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona.

Chains

Dependent Resurvey of a Portion of the Subdivisional Lines  
and Survey of Accretion Lands,  
T. 3 N., R. 22 W.

Reestablishment of the Surveys by  
W. B. Kimmel, U. S. Surveyor, in 1916-17

After 1917, the time of the original surveys, the Colorado River moved westerly in front of secs. 16, 21, 22 and 27, by normal processes of erosion and accretion, to the creation of a large sweep-loop.

To relieve the threats to the farm land and levee system on the California side, the Palo Verde Irrigation District in 1923-24 rechanneled the river in this locale by dredging of the Raab Cut across secs. 16, 21 and 28, thereby severing land which had been until that time upon the east bank and isolating this area upon the west side of the river.

There appears to have been no historical mapping of the river at the time of the channelization of sufficient accuracy to now permit a relocation of the old left bank there from and nearly all extant evidence of the 1923 abandoned bed has been lost by siltation or precision leveling. The nearest in time of reliable mapping for this vicinity is 1930 aerial photography (Fairchild Aerial Surveys) upon which the last apparent bed of the river, abandoned after the channelization, can be identified, by photogrammetric methods.

The following surveys which embrace accreted areas have been extended across the present river at Raab Cut to the considered position of the 1923 left bank, as well as that bank can be determined from either extant evidence or by development of its position from the 1930 aerial photography. The left bank, as so developed, has been established as a fixed and limiting boundary of areas returned.

From the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

North, bet. secs. 34 and 35.

Over open desert; descend 82 ft. along broken W. slope.

39.99 The  $\frac{1}{4}$  sec. cor. of secs. 34 and 35, monumented with an iron post, 1 in. diam., projecting 8 ins. above ground, set, mkd. and witnessed as described in the official record. I find the iron post and NW bearing tree to be in good condition.

North, beginning new measurement (N.  $\frac{1}{2}$  mile).

Ascend 15 ft. along broken W. slope.

39.97 The cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 ins. diam., projecting 6 ins. above ground, mkd. and witnessed as described in the official record.

Land, rolling desert.

Soil, sand, gravel and rock.

Vegetation, ironwood, salt cedar, palo verde and cactii.

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T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

North, bet. secs. 26 and 27.

Over rolling desert; desc. 5 ft. over broken general W. slope.

39.97 The point for the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27, as determined from the original bearing tree.

An ironwood, 12 ins. diam., bears N. 17° E., 208 lks. dist., with scribe marks  $\frac{1}{4}$  S26 BT, visible on unhealed blaze.

At the corner point

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

T3N R22W

$\frac{1}{4}$

S27 | S26

1961

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

North, beginning new measurement (N.  $\frac{1}{2}$  mile).

Descend 25 ft. along broken general W. slope.

39.97 The point for the cor. of secs. 22, 23, 26 and 27, determined from the original bearing tree.

An ironwood, 13 ins. diam., bears N. 2° W., 61 lks. dist., with scribe marks T3N R22W visible on partly healed blaze.

At the corner point

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

T3N R22W

S22 | S23

S27 | S26

1961

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, rolling desert.

Soil, sand, gravel and rock.

Vegetation, ironwood, salt cedar, palo verde and cactus.

N. 0° 03' W., bet. secs. 22 and 23.

Over rolling desert; asc. 93 ft. along broken general W. slope.

39.97 The  $\frac{1}{4}$  sec. cor. of secs. 22 and 23, monumented with an iron post, 1 in. diam., projecting 8 ins. above ground, mkd. and witnessed as described in the official record. I find the post to be in good condition.

N. 0° 02' W., beginning new measurement (N.  $\frac{1}{2}$  mile).

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Chains

Descend 1 ft. along broken general W. slop.

39.98 The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 ins. diam., projecting 10 ins. above ground, mkd. and witnessed as described in the official record. I find the post to be in good condition.

Land, rolling desert.

Soil, sand, gravel and rock.

Vegetation, ironwood, salt cedar, palo verde and cactii.

N. 0° 07' W., bet. secs. 14 and 15.

Over rolling gravelly mesa draining NW., through scattering timber and undergrowth.

6.80 Wash, 25 lks. wide, 3 ft. deep, course W. from SE.

28.74 El Paso Natural Gas pipeline road, bearing N. 82° 10' W. and S. 81° 30' W.

32.81 Wash, 10 lks. wide, 6 ft. deep, course NW.

37.76 Wash, 15 lks. wide, 1 ft. deep, course N. 80° W.

39.99 The  $\frac{1}{4}$  sec. cor. of secs. 14 and 15, monumented with an iron post, 1 in. in diam., projecting 20 ins. above the ground, in a mound of stone, mkd. as described in the official record. The recorded bearing tree is no longer in existence. I find the post to be in good condition.

North, beginning new measurement (N.  $\frac{1}{2}$  mile).

1.08 U. S. Highways 60 and 70 R/W fence, parallel to highways.

2.61 Centerline of U. S. Highways Nos. 60 and 70, bearing N. 81° 30' E. and S. 82° 45' W.

4.14 R/W fence.

10.84 Wash, 20 lks. wide, 2 ft. deep, course NW.

13.80 Gravel road, 20 lks. wide, bearing SE. and N. 80° W.; access to gravel pit and in use at the time of the resurvey.

19.99 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, for N 1/16 sec. cor. of secs. 14 and 15, with brass cap mkd.

T3N R22W

N 1/16

S 15 | S 14

1961

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, W. of post.

22.11 Wash, 25 lks. wide, 1 ft. deep, course NW.

25.20 Wash, 30 lks. wide, 1 ft. deep, course W.

34.70 Wash, 30 lks. wide, 2 ft. deep, course W.

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Chains	<p>39.98 The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 ins. in diam., projecting 10 ins. above the ground, mkd. and witnessed as described in the official record.</p> <p>Land, rolling desert. Soil, sand, gravel and rock. Vegetation, scattering palo verde, cactii and ironwood.</p>
28.00	<p>I return to the cor. of secs. 26, 27, 34 and 35.</p> <p>West, on record bearing bet. secs. 27 and 34.</p> <p>Over rolling desert; desc. 68 ft. over general W. slope.</p>
35.30	<p>Enter river bottom, edge bears N. and S.; thence across level bottom.</p> <p>Point for the record meander cor. of secs. 27 and 34; there is no remaining evidence of the original cor. The point was not remonumented.</p> <p>Thence with the extension of the line bet. secs. 27 and 34, over level accretion land; continue with same line and measurement.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 27 and 34.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S 27  S34  T3N R22W  1961 </p> <p>Set a redwood post, 6 ft. long, 4 ins. sq., <math>2\frac{1}{2}</math> ft. in ground on S. side of monument.</p> <p>Cor. falls at W. edge of access road, 15 lks. wide, bearing N. and S.</p>
80.00	<p>Continue over bottom.</p> <p>Point for the cor. of secs. 27, 28, 33 and 34, which falls in a maintained gravel road, 20 lks. wide, bearing N. and S., curving SE.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 40 ins. in the road, with brass cap mkd.</p> <p style="text-align: center;"> T3N R22W  S28   S27  S33   S34  1961 </p> <p>from which</p> <p>An iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., set 24 ins. in the ground, for reference monument, bears N. <math>45^{\circ}</math> W., 58 lks. dist., with brass cap mkd. T3N R22W S28 RM 38 FT 1961, and an arrow pointing to the corner.</p> <p>An iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., set 24 ins. in the ground, for a reference monument, bears S. <math>45^{\circ}</math> W., 58 lks. dist., with brass cap mkd. T3N R22W S33 RM 38 FT 1961, and an arrow pointing to the corner.</p>



Limited Dependent Resurvey and Accretion Survey,  
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Chains

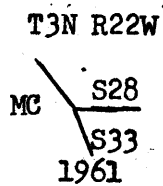
Land, rolling desert and level river bottom.  
Soil, silt, sand, gravel and rock.  
Vegetation, salt cedar, arrowweed, ironwood, palo verde and cactii.

West, bet. secs. 28 and 33, in the survey of the accretion area.

Over level cleared land.

3.43 Left bank of river, bearing N.  $45^{\circ} 38'$  W. and S.  $37^{\circ} 56'$  E.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, for meander cor. of secs. 28 and 33, with brass cap mkd.



Set a redwood post, 6 ft. long, 4 ins. sq.,  $2\frac{1}{2}$  ft. in ground on E. side of post.

I return to the cor. of secs. 27, 28, 33 and 34.

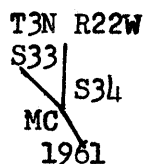
South, bet. secs. 33 and 34, in the survey of the accretion area.

Over level cleared land, along center of gravel road.

3.20 Leave road, curves SE.

4.40 Left bank of river, bearing N.  $37^{\circ} 56'$  W. and S.  $24^{\circ} 17'$  E.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, for meander cor. of secs. 33 and 34, with brass cap mkd.



Set a redwood post, 6 ft. long, 4 ins. sq.,  $2\frac{1}{2}$  ft. in ground, on N. side of post.

I return to the cor. of secs. 27, 28, 33 and 34.

N.  $0^{\circ} 01'$  E., bet. secs. 27 and 28, in the survey of the accretion area.

Over level cleared land, along gravel road.

39.96 Point for  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 40 ins. in road, with brass cap mkd.

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Chains

$$\frac{1}{4}$$

S28		S27
T3N R22W		
1961		

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground, for a reference monument, bears N.  $50^{\circ}$  W., 50 lks. dist., with brass cap mkd. T3N R22W S28 RM 33 FT 1961, with arrow pointing to the corner.

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground, for a reference monument, bears S.  $50^{\circ}$  W., 50 lks. dist., with brass cap mkd. T3N R22W S28 RM 33 FT 1961, with arrow pointing to the corner.

Continue along road, over level bottom.

79.92 The cor. of secs. 21, 22, 27 and 28, as hereinafter described.

Land, level river bottom.

Soil, silt and sand.

Vegetation, salt cedar in uncleared areas.

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

West, on record bearing, bet. secs. 22 and 27.

Over rolling desert; desc. 43 ft. over general W. slope.

33.80 Point for the record witness point on the line bet. secs. 22 and 27; there is no remaining evidence of the post. The point was not remonumented.

34.30 Enter river bottom and dense brush, bearing N. and S.; thence over level bottom land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, at record distance; there is no remaining evidence of the original post.

At point for corner

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. in diam., 26 ins. in the ground, with brass cap mkd.

$$\frac{1}{4}$$

S22	—
S27	
T3N R22W	
1961	

Set a redwood post, 6 ft. long, 4 ins. sq.,  $2\frac{1}{2}$  ft. in ground, on S. side of post.

Continue over level bottom.

44.40 Point for the record meander cor. of secs. 22 and 27; there is no remaining evidence of the original post. The point was not remonumented.

Thence with the extension of the line bet. secs. 22 and 27, over

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Chains

accretion lands, continue same line and measurement.

At this point, enter cleared area, the edge of which bears N, and S.

80.00

Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in ground, with brass cap mkd.

T3N	R22W
S21	S22
S28	S27
1961	

Cor. falls at E. edge of gravel road, 20 lks. wide, bearing N. and S.

Set a used railroad tie, 8 ft. long, 3 ft. in ground, on S. side of monument.

Land, rolling desert and level river bottom.

Soil, silt, sand, gravel and rock.

Vegetation, salt cedar, arrowweed, ironwood, palo verde and cactii.

N.  $0^{\circ}$  01' W., bet. secs. 21 and 22, in the survey of the accretion area.

Over level land, along E. edge of gravel road, with cleared lands on each side.

17.90

The gravel road curves to E.; continue along dirt road, 15 lks. wide, along the E. edge of same.

30.50

Irrigation canal, 20 lks. wide, extending E. and W.

39.50

Irrigation canal, 20 lks. wide, extending E. and W., curving N.

39.80

Dirt road, 15 lks. wide; bearing E. and W.

39.95

Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

	$\frac{1}{4}$	
S21		S22
T3N R22W		
1961		

Set a redwood post, 6 ft. long, 4 ins. sq.,  $2\frac{1}{2}$  ft. in the ground, on N. side of monument.

Continue along E. edge of dirt road, with cleared fields on both sides.

49.90

Point for record meander cor. of secs. 21 and 22; there is no remaining evidence of the original corner. The point was not remonumented.

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T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains	Continue with same line and measurement, with the reestablishment of the original survey.								
49.90	Irrigation canal, 20 lks. wide, extending E. and W.								
59.90	Dirt road; 20 lks. wide, bears E. and W.								
69.90	Irrigation canal; 20 lks. wide; extending E. and W.								
79.75	Dirt road, 20 lks. wide; bears E. and W.								
79.90	The cor. of secs. 15, 16, 21 and 22, hereinafter described.  Land, level. Soil, silt and sandy loam. Vegetation, salt cedar and arrowweed on the uncleared areas.								
	From the cor. of secs. 14, 15, 22 and 23.								
	West, bet. secs. 15 and 22.								
	Over rolling desert; no elevation change.								
39.98	The $\frac{1}{4}$ sec. cor. of secs. 15 and 22, monumented with an iron post, 1 in. in diam., projecting 8 ins. above ground, mkd. as described in the official record, with the addition of a 4 in. sq. wooden post, projecting 5 ft. above ground, 3 lks. N. of corner. I find the iron post to be in good condition.								
	S. 89° 56' W., beginning new measurement (W. $\frac{1}{2}$ mile).  Desc. 77 ft. over general W. slope.								
29.13	The record witness point for secs. 15 and 22, monumented with an iron post, 1 in. diam., projecting 14 ins. above ground, mkd. as described in the official record. I find the post to be in good condition. The point is set on top of high bank, the edge of which bears N. and S.  Continue with same line and measurement, on a projection of the line through the witness point.  Descend 40 ft. over steep W. slope.								
30.28	Foot of steep bank; thence across river bottom, over level land.								
31.68	Gravel road, 20 lks. wide, bears N. and S.; a dirt road, 15 lks. wide, extends W.; thence along N. edge of same.								
40.03	Point for the cor. of secs. 15, 16, 21 and 22, at record distance from the witness point; there is no remaining evidence of the original corner.  At the corner point  Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T3N</td><td>R22W</td></tr> <tr><td>S16</td><td>S15</td></tr> <tr><td>S21</td><td>S22</td></tr> <tr><td colspan="2">1961</td></tr> </table>	T3N	R22W	S16	S15	S21	S22	1961	
T3N	R22W								
S16	S15								
S21	S22								
1961									

Limited Dependent Resurvey and Accretion Survey,  
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## Chains

Set a redwood post, 6 ft. long, 4 ins. sq., 2½ ft. in the ground, on N. side of monument.

From this cor., a local corner, monumented with an iron pipe, 1 in. diam., projecting 6 ins. above ground, with brass washer in top, mkd. LS 2993, bears S. 85° 22' W., 3.7 lks. dist.

Land, rolling desert and level river bottom.  
Soil, silt, sand, gravel and rock.  
Vegetation, salt cedar, ironwood and cactii.

N. 0° 08' W., bet. secs. 15 and 16.

Over level bottom.

- 0.10 Enter cultivated field.
- 18.55 Farm road, 20 lks. wide, bearing NW. and SE.; leave cultivated field.
- 19.60 Foot of bluff, 30 ft. high.
- 19.99 Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, for S. 1/16 sec. cor. of secs. 15 and 16, with brass cap mkd.

T3N R22W

S 1/16

S 16 | S 15

1961

The corner is located on S. slope of bluff.

- 20.67 Witness point for secs. 15 and 16, monumented with an iron post, 1 in. in diam., projecting 8 ins. above the ground, mkd. as described in the official record, on my line.

Enter rolling desert land.

- 24.27 Small ravine, 5 lks. wide, 6 ft. deep, draining W.
- 29.40 Ravine, 15 lks. wide, 30 ft. deep, draining W.
- 37.12 Bladed road, 15 lks. wide, bearing S. 80° E. and N. 80° W.
- 39.98 The ¼ sec. cor. of secs. 15 and 16, monumented by an iron post, 1 in. in diam., firmly set, with brass cap broken off and lying beside the post.

Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, surrounded by concrete, with brass cap mkd.

T3N R22W

¼

S16 | S15

1961

The point for U. S. L. M. No. 2370, mkd. by a ¾ in. Brass Rod, set in 1½ in. iron pipe, projecting 6 ins. above ground, with cap mkd. RE 2242, bears N. 74° 17' W., 5.25 chs. dist.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

## Chains

- N. 0° 08' W., on projection of line, bet. secs. 15 and 16 (N.  $\frac{1}{2}$  mile).  
 8.60 Power line, bearing N. 30° E. and S. 30° W.  
 8.90 Asphalt road, bearing same.  
 11.12 Center of U. S. Highways Nos. 60 and 70, bearing N. 71° W. and S. 71° E.  
 12.50 Dirt access road to main highway, bears E. and W.  
 13.60 Power line, bears E. and W.  
 20.72 Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, for witness point for secs. 15 and 16, with brass cap mkd.

T3N R22W

W P

S 16 | S 15

1961

Set a redwood post, 6 ft. long, 4 ins. sq., alongside the iron post as a guard stake.

The present left bank of the Colorado River, bearing NE. and SW., bears N., 15 lks. dist.

Discontinue the line bet. secs. 15 and 16.

Land, rolling desert.

Soil, rocky and sandy.

Vegetation, scattering greasewood and cactii.

From the cor. of secs. 10, 11, 14, and 15.

West, on record bearing, bet. secs. 10 and 15.

Over rolling desert land, through scattered undergrowth,

- 8.50 Enter rocky wash, bank 4 ft. high, course N. 75° W.  
 16.30 Leave wash.  
 20.00 Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, for E. 1/16 sec. cor. of secs. 10 and 15, with brass cap mkd.

T3N R22W

E 1/16 S10

S15

1961

- 25.53 Telephone line, parallel to highway.  
 26.88 Center of State highway, Ehrenberg, to Parker, bearing N. 58° 50' E. and S. 58° 50' W.

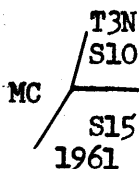
Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

- 27.64 Power line, parallel to highway.  
37.90 Descend 20 ft. over cut bank, bearing NE. and SW.  
39.50 Point for the meander cor. of secs. 10 and 15, at record distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.



Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

Land, rolling desert.

Soil, sandy, gravelly and rocky.

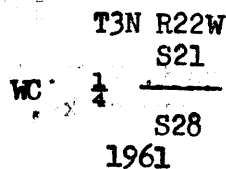
Vegetation, scattering palo verde, iron wood, greasewood and cactii.

From the cor. of secs. 21, 22, 27 and 28.

West, bet. secs. 21 and 28, in the survey of the accretion area.

Over level cleared lands.

- 0.20 Gravel road, 20 lks. wide, bearing N. and S.  
30.07 Left bank of river, bearing N.  $13^{\circ} 20'$  W. and S.  $8^{\circ} 45'$  E.  
Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor. of secs. 21 and 28, with brass cap mkd.



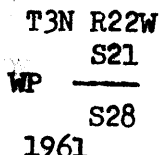
Set a redwood post, 6 ft. long, 4 ins. sq.,  $2\frac{1}{2}$  ft. in ground, on N. side of monument.

Thence crossing the river, by triangulated measurement.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 28, falls in river;

- 67.30 Right bank of river, bearing N.  $9^{\circ} 15'$  W. and S.  $3^{\circ} 40'$  E.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. in diam., 24 ins. in the ground, for witness point for secs. 21 and 28, with brass cap mkd.



Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

71.00 Gravel road, bears N. 8° E. and S. 8° W.

71.80 Power line, parallel to road.

80.00 Point for the cor. of secs. 20, 21, 28 and 29.

Set an iron post, 28 ins. long, 2½ ins. diam., 2¼ ins. in the ground, with brass cap mkd.

T3N R22W  
S20 | S21  
-----  
S29 | S28  
1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

Land, level river bottom.  
Soil, silt and sandy loam.  
Vegetation, dense salt cedar and arrowweed in uncleared areas.

South, bet. secs. 28 and 29, in the survey of the accretion area.

Over level land, through dense undergrowth.

3.00 To the considered position for the 1923 left bank of the river, bearing N. 46° 51' W. and S. 53° 30' E.

Set an iron post, 28 ins. long, 2½ ins. diam., 2¼ ins. in the ground, for meander cor. of secs. 28 and 29, with brass cap mkd.

T3N R22W  
S29 | S28  
MC  
1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

I return to the cor. of secs. 20, 21, 28 and 29.

West, bet. secs. 20 and 29, in the survey of the accretion area.

Over nearly level land, through dense undergrowth.

3.20 The old 1923 left bank of the river, 5 ft. high, bearing N. 36° 48' W. and S. 46° 51' E.

Set an iron post, 28 ins. long, 2½ ins. diam., 2¼ ins. in the ground, for meander cor. of secs. 20 and 29, with brass cap mkd.

T3N R22W  
S20 | S29  
MC  
1961



Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R., Mer., Arizona.

Chains

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

I return to the cor. of secs. 20, 21, 28 and 29.

N. 0° 01' W., bet. secs. 20 and 21, in the survey of the accretion area.

Over level land, through dense undergrowth.

29.80 Dirt road, bears E. and W.

39.94 Point for the  $\frac{1}{4}$  sec. cor. of secs. 20 and 21.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with a brass cap mkd.

T3N R22W

$\frac{1}{4}$   
S20 | S21

1961

Set a redwood post, 6 ft. long, 4 ins. sq., alongside the monument as a guard stake.

49.40 Fence, bears E. and W.

65.00 Center of canal, 30 ft. wide, flowing S. 33° 30' W.

65.90 Enter cultivated fields.

69.90 Irrigation ditch, 25 lks. wide, flowing W.

79.60 Irrigation ditch, 20 lks. wide, flowing W.

79.88 The cor. of secs. 16, 17, 20 and 21, hereinafter described.

Land, level river bottom, partially improved.

Soil, sandy silt and loam.

Vegetation, dense arrowweed and salt cedar.

From the cor. of secs. 15, 16, 21 and 22.

West, on record bearing, bet. secs. 16 and 21.

Over level farm land, along N. edge of dirt road.

14.80 Point for the meander cor. of secs. 16 and 21, at record distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

T3N R22W

MC ——— S16  
                  S21

1961

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer.; Arizona

## Chains

Set a redwood post, 6 ft. long, 4 ins. sq., alongside the monument as a guard stake.

Thence with the extension of the line bet. secs. 16 and 21, over level accretion land, continue same line and measurement.

32.30 Fence, bears N. 10° E.

32.80 Bladed Road, bears N. 10° E.

34.50 Left bank of the Colorado River, bearing S. 17° 03' W. and N. 17° E.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, for witness cor. to ¼ sec. cor. of secs. 16 and 21, with brass cap mkd.

T3N R22W  
S16  
WC ¼  
S21  
1961

Set a redwood post, 6 ft. long, 4 ins. sq., alongside the monument as a guard stake.

Thence across the Colorado River, by triangulation.

40.00 Point for the ¼ sec. cor. of secs. 16 and 21, falls in river.

55.00 Right bank of the river, 8 to 10 ft. high, bearing S. 23° 50' W. and N. 23° 50' E.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, for witness point for secs. 16 and 21, with brass cap mkd.

T3N R22W  
S16  
WP  
S21  
1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

58.63 Graveled road, bears NE. and SW.

59.36 Powerline, bears N. 20° E. and SE.

70.15 Canal, 30 ft. wide, flowing S. 33° 30' W., with dirt roads on E. and W. banks.

76.60 Enter cultivated fields.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T3N R22W  
S17 | S16  
S20 | S21  
1961

from which

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for reference monument, bears S. 45° E., 27.3 lks. dist., with brass cap mkd. T3N R22W S21 RM 18 FT 1961, with arrow pointing toward corner.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground, for reference monument, bears S.  $45^{\circ}$  W., 27.3 lks. dist., with brass cap mkd. T3N R22W S20 RM 18 FT 1961, with arrow pointing toward corner.

The reference monuments are located on top of E-W ditch bank.

Land, level river bottom.

Soil, silt and sandy loam.

Vegetation, salt cedar and arrowweed along river bank.

West, bet. secs. 17 and 20, on the survey of accretion lands.

Over level cultivated field.

11.00

To the considered position for the 1923 left bank of the river, bearing S.  $24^{\circ}$  50' W. and NE.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground, for meander cor. of sec. 20, with brass cap mkd.

	T3N	R22W
		S17
MC	/	S20
		1961

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground for reference monument, bears S.  $45^{\circ}$  E., 79.2 lks. dist. with brass cap mkd. T3N R22W S20 RM 52.27 FT 1961, with arrow pointing toward corner.

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground for reference monument, bears S.  $45^{\circ}$  W., 86 lks. dist. with brass cap mkd. T3N R22W S20 RM 56.76 FT 1961, with arrow pointing toward corner.

The reference monuments are set on top of E-W ditch bank.

Reestablishment of the 1923-24  
Left Bank of the Colorado River.

The following field notes are those of the reestablishment of the considered position of the left bank of the Colorado River, as the river ran at the time of the so-called Raab Cut. Between the time of the original surveys and 1923-24, when the river was rechannelized by the dredging of the Raab Cut, the river had moved through normal processes of erosion and accretion in a wide sweeping loop to the west. In 1923-24 this looping effect was relieved by the cutting across thereof by the Raab Cut. This had the effect of isolating accreted areas of the township upon the west side of the river. In determining the former position of the river, immediately prior to channelization, resort has been had to extant evidence thereof, aerial photography (Fairchild Aerial Surveys - 1930) and other historical mapping which depicts the river's position within the period of interest of these surveys.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains	
	From the meander cor. of sec. 20, hereinbefore described.
	Thence, with the traverse of the considered position of the 1923-24 left bank of the Colorado River, established as a fixed and limiting boundary.
	In sec. 20
	S. 24° 50' W., 17.80 chs.
	Over level cultivated land.
0.75	Ditch bank, bears E. and W.
11.70	Canal, 40 fks. wide, flowing W.
12.20	Fence, bearing E. and W.
17.80	Set an iron post, 28 ins. long, 2½ ins. diam., 48 ins. in the ground, for Angle Point No. 1, sec. 20, with brass cap mkd.
	T3N R22W AP 1/S 20 1961
	Thence
	S. 11° 00' W., 13.10 chs.
13.10	Set an iron post, 28 ins. long, 2½ ins. diam., 48 ins. in the ground, for Angle Point No. 2, sec. 20, with brass cap mkd.
	T3N R22W AP 2/S 20 1961
	from which
	An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for reference monument, bears S. 20° 00' E., 1.974 chs. dist., with brass cap mkd. T3N R22W RM S20 130.26 FT AP 2 1961, with arrow pointing toward the angle point.
	An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for reference monument, bears S. 20° 00' W., 1.985 chs. dist., with brass cap mkd. T3N R22W RM S20 131.04 FT AP 2 1961, with arrow pointing toward the angle point.
	Both reference monuments are located in E-W fence line.
	Thence
	S. 5° 30' E., 16.00 chs.
1.90	Fence, bearing E. and W.
2.10	Center of farm road, bearing E. and W.
12.00	Center of canal, 20 fks. wide, flowing W.
16.00	Set an iron post, 28 ins. long, 2½ ins. diam., 48 ins. in the ground, for Angle Point No. 3, sec. 20, with brass cap mkd.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

Chains	
	<p>T3N R22W A P 3   S 20 1961</p>
	Thence
	S. 15° 30' E., 15.20 chs.
6.00	Farm road, bearing N. 89° E. and S. 89° W.
6.50	Center of canal, 20 lks. wide, flowing S. 89° W.
7.00	Farm road, bearing N. 89° E. and S. 89° W.
15.20	Set an iron post, 28 ins. long, 2½ ins. diam., 48 ins. in the ground, for Angle Point No. 4, sec. 20, with brass cap mkd.
	<p>T3N R22W AP 4   S 20 1961</p>
	from which
	An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for reference monument, bears S. 35° E., 1.03 chs. dist. with brass cap mkd. T3N R22W S20 RM 67.98 FT AP 4 1961, with arrow pointing toward angle point.
	An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for reference monument, bears S. 35° W., 1.078 chs. dist., with brass cap mkd. T3N R22W S20 RM 71.15 FT AP 4 1961, with arrow pointing toward angle point.
	The reference monuments are set on top of E-W ditch bank.
	Thence
	S. 28° 45' E., 17.00 chs.
1.20	Center of ditch, 20 lks. wide, flowing W.
17.00	Set an iron post, 28 ins. long, 2½ ins. diam., 48 ins. in the ground, for Angle Point No. 5, sec. 20, with brass cap mkd.
	<p>T3N R22W AP 5   S 20 1961</p>
	Thence
	S. 36° 48' E., 6.73 chs.
2.80	Leave cultivated field; enter dense undergrowth.
6.73	The meander cor. of secs. 20 and 29, hereinbefore described.
	Thence in sec. 29.
	S. 46° 51' E., 4.29 chs.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R., Mer., Arizona

Chains

4.29 The meander cor. of secs. 28 and 29, hereinbefore described.

Thence in sec. 28.

S.  $53^{\circ} 30'$  E., 15.50 chs.

15.50 Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 2 $\frac{1}{2}$  ins. in the ground, for Angle Point No. 1, sec. 28, with brass cap mkd.

T3N R22W

S 28

AP 1

1961

The angle point is set on the present right bank of the Colorado River, bearing N.  $13^{\circ} 40'$  E. and S.

Thence

S.  $65^{\circ} 45'$  E., 46.86 chs.

Crossing the Colorado River, at lower end of Raab Cut.

46.86 The left bank of the river, bearing N.  $19^{\circ} 55'$  W. and S.  $22^{\circ} 59'$  E.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 2 $\frac{1}{2}$  ins. in the ground, for special meander cor. of sec. 28, with brass cap mkd.

T3N R22W

S 28

SMC

1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the monument as a guard stake.

Discontinue the establishment of the 1923-24 left bank.

Traverse of the Right Bank of the Colorado River  
through Secs. 21 and 28

The following field notes are of the traverse of the present right bank of the Colorado River, supplied herein for informational purposes.

From the witness point set on the line bet. secs. 16 and 21, on the right bank of the river.

Thence, with the traverse of the bank, 10 to 12 ft. high, downstream.

In sec. 21

S.  $23^{\circ} 50'$  W., 20.81 chs.

S.  $22^{\circ} 01'$  W., 23.93 chs.

Limited Dependent Resurvey and Accretion Surveys,  
T. 3 N., R. 22 W., G. & S. R., Mer., Arizona

## Chains

S. 5° 05' W., 4.95 chs.

S. 2° 55' E., 7.16 chs.

S. 6° 15' W., 9.10 chs.

S. 26° 05' E., 11.16 chs.

S. 9° 15' E., 7.61 chs. The witness point set of the line  
bet. secs. 21 and 28, hereinbefore  
described.

Thence, in sec. 28

S. 3° 40' E., 8.90 chs.

S. 13° 40' W., 3.42 chs. To Angle Point No. 1, sec. 28, herein-  
before described.

Discontinue the traverse of the right bank.

Traverse and Meander of the Left Bank  
of the Colorado River,  
through Secs. 21, 28, 33 and 34.

The following notes are of the traverse and meander of the present  
left bank of the Colorado River. Within the extent of the Raab Cut,  
the bank has been traversed and is supplied herein for informational  
purposes.

From the witness  $\frac{1}{4}$  sec. cor. of secs. 16 and 21, on the present left  
bank of the river, as hereinbefore described.

Thence with the traverse of the left bank, downstream.

In sec. 21

S. 17° 03' W., 4.80 chs.

S. 4° 15' W., 38.62 chs.

S. 1° 20' E., 6.46 chs.

S. 14° 25' E., 12.18 chs.

S. 16° 27' E., 19.33 chs. The witness  $\frac{1}{4}$  sec. cor. of secs. 21  
and 28, hereinbefore described.

Thence, in sec. 28

S. 9° 06' E., 8.00 chs.

S. 1° 39' W., 14.82 chs.

S. 33° 38' E., 4.87 chs. River pump, bears S. 11° 05' E., 81 lks.  
dist.

S. 19° 55' E., 5.00 chs. The special meander cor. set on the  
terminus of the considered position  
of the 1923-24 left bank, herein-  
before described.

Thence with the meanders of the left bank; continue in sec. 28.

Limited Dependent Resurvey and Accretion Survey,  
T. 3 N., R. 22 W., G. & S. R. Mer., Arizona

## Chains

S. 22° 59' E., 3.31 chs.

S. 8° 34' E., 7.83 chs.

S. 15° 23' E., 8.81 chs.

S. 14° 27' W., 8.19 chs.

S. 19° 22' E., 10.76 chs.

S. 57° 14' E., 12.76 chs.

S. 45° 38' E., 6.03 chs. The meander cor. of secs. 28 and 33,  
hereinbefore described.

Thence, in sec. 33

S. 37° 56' E., 5.58 chs. The meander cor. of secs. 33 and 34,  
hereinbefore described.

Thence, in sec. 34

S. 24° 17' E., 13.19 chs.

S. 65° 36' E., 12.63 chs.

S. 54° 27' E., 9.34 chs.

S. 43° 04' E., 9.00 chs.

S. 13° 48' E., 6.74 chs.

S. 28° 58' W., 7.70 chs.

S. 13° 01' W., 10.56 chs.

S. 45° 55' W., 6.44 chs.

S. 4° 16' W., 13.14 chs.

S. 36° 40' W., 6.37 chs. The meander cor. of secs. 3 and 34,  
on S. bdy. of township, hereinbefore  
described.

General Description

These surveys embrace the old town of Ehrenberg, Arizona, in sec. 15.

The eastern portion of the township is of rolling desert with numerous washes draining westerly into the bottom land along the river. Elevations above sea level range from approximately 255 ft. in the bottoms to 450 ft. at the cor. of secs. 2, 3, 34 and 35.

The lands adjoining the river are level, of sand and silt deposit. The bottom lands on the east side are under active cultivation. Those on the west side are under active subdivision for residential purposes or are being farmed.

Vegetation consists of salt cedar, arrowweed, mesquite and cottonwood in the uncleared areas of the bottom land, with ironwood, palo verde and cactus on the desert.

There is no evidence of mining activity. A gravel quarry is being operated at this time, about 10 chs. south of the witness point bet. secs. 15 and 22.





CERTIFICATE OF CADASTRAL SURVEYOR

We, Floyd A. Brooks & William W. Glenn, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of September, 1960.

~~I have surveyed~~ We have executed the limited dependent resurvey and survey of accretion lands in Township 3 North, Range 22 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.

April 29, 1961  
(Date)

Floyd A Brooks  
(Cadastral Surveyor)

April 29, 1961  
(Date)

William W. Glenn  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_ 19\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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 \_\_\_\_\_ is a true copy of the original field notes.

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Cadastral Engineering Staff Officer)



CERTIFICATE OF CADASTRAL SURVEYOR

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of September, 1960, and supplemental special instructions dated December 26, 1961, ~~that survey~~ I have executed the limited dependent resurvey and survey of accretion lands in Township 3 North, Range 22 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.

January 18, 1962  
(Date)

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

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUN 19 1962, 19  

The foregoing field notes of the ~~survey~~ limited dependent resurvey and survey of accretion lands in T. 3 N., R. 22 W., G. & S. R. Mer., Arizona,

executed by Floyd A. Brooks, William W. Glenn and Leonard 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)