

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL
FIELD NOTES

OF THE

DEPENDENT RESURVEY OF SECTIONS 12 AND 30,

TOWNSHIP 20 NORTH, RANGE 22 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Eldon W. Sibley, Cadastral Surveyor

^{supplemental}
Under/special instructions dated September 15, 1961, which provided
for the surveys included under Group No. 355, approved September 15, 1961
and assignment instructions dated October 15, 1961

Survey commenced October 30, 1961

Survey completed November 3, 1961

BOOK 4643

INDEX DIAGRAM

Township 20 North, Range 22 East

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

10-56770-1

Meanders of the left bank of the Colorado River in sec. 12. Pgs. 4-5

Meanders of the left bank of the Colorado River in sec. 30. Pg. 7

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

Township 20 North, Range 22 West is situated immediately south and southwest of the town of Bullhead City, Arizona, and about three miles south of Davis Dam on the Colorado River. The township is fractional, being bounded on its northwest and southwest sides by the Colorado River.

The exterior boundaries and those sections fronting upon the river were originally surveyed by Omar H. Case, Deputy Surveyor, in 1872-73, as shown upon the plat approved May 26, 1873. In 1915, Guy H. Richardson, U. S. Surveyor, and Hugo Price, U. S. Transitman, resurveyed and surveyed the township, under Group 43, Arizona. The official plat of that work was approved February 26, 1917.

The following surveys are of a retracement and reestablishment of portions of the east and west boundaries of the township and the boundaries of secs. 12 and 30, designed to restore the corners thereof in their original positions according to the best available evidence. This work has been undertaken at the request of the Bureau of Reclamation as an administrative measure.

Since the date of the 1915 resurveys, the Colorado River has moved westerly a short distance in front of sec. 12 by the normal process of accretion. This survey has included the small area of land so added. Also, since the date of the resurveys, the river has eroded away lands of sec. 30 as originally surveyed. This work has amended the public land areas representative of such loss.

The surveys were executed with a Gurley transit constructed in accordance with the standard specifications of the Bureau. The instrument was in good condition and was frequently tested and adjusted during the course of the surveys to maintain it in good operation. 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 a Chicago narrow-band, steel tape, 8 chains in length, which had been compared with a 1-chain standard tape and found correct. All distances reported are based on horizontal measurements.

Dependent Resurvey of a Portion
of the East Boundary,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Reestablishment of the Resurveys by
Guy H. Richardson, U. S. S. and Hugo Price, U. S. T.,
in 1915

From the cor. of secs. 7, 12, 13 and 18, Ts. 20 N., Rs. 21 and 22 W., which is an iron post, 3 ins. in diam., set, mkd. and witnessed as described in the official record.

Thence

N. 0° 11' E., bet. secs. 7 and 12, on E. bdy. of Tp.

Over rolling desert hills, in wide wash draining N. 70° W.

0.15 Trail road, bearing E. and N. 80° W.

3.10 Leave wash; asc. 50 ft. over S. slope.

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

- 12.60 Spur, slopes W.; desc. 40 ft.
- 19.60 Bladed road, bears E. and W., in bottom of large wash, draining W.
- 32.80 Bladed road in same wash, bears E. and W.; asc. 70 ft. over S. slope.
- 40.29 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is marked by an iron post, 1 in. in diam., set, mkd. and witnessed as described in the official record.
-
- N. 0° 03' W., beginning new measurement.
- Continue over rolling desert hills; asc. 10 ft.
- 0.70 Spur, slopes W.; desc. 170 ft. over N. slope.
- 9.00 Wash, 3 chs. wide, drains W.; asc. 80 ft. over W. slope.
- 18.60 Small spur, slopes W.; desc. 80 ft.
- 23.00 Wash, 5 chs. wide, drains W.; asc. 110 ft. over S. slope.
- 28.70 Spur, slopes W.; desc. 120 ft. over N. slope.
- 39.65 Point for the cor. of secs. 1, 6, 7 and 12, Ts. 20 N., Rs. 21 and 22 W., which is marked by an iron post, 3 ins. in diam., set, mkd. and witnessed as described in the official record.

Land, rolling desert hills.
Soil, shallow sand, gravel and rocks.
Timber, none.
Undergrowth, creosote brush and cacti.

Dependent Resurvey of a Portion
of the East Boundary,
T. 20 N., R. 23 W., G. & S. R. Mer., Arizona

Reestablishment of the Resurveys by
Guy H. Richardson, U. S. S. and Hugo Price, U. S. T.,
in 1915

The point for the cor. of secs. 19, 24, 25 and 30, Ts. 20 N., Rs. 22 and 23 W., is marked by an iron pipe, 1 in. in diam., projecting 6 ins. above the ground, in corner of fences bearing W. and N., and at S. side of cattle gap. The iron pipe is recognized as being properly located by the adjoining property owners and other interested persons and is accepted as the best available evidence of the original corner.

At the corner point

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

T20N	
R23W	R22W
S24	S19
S25	S30
1961	

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

Reset the iron post alongside.

The point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, Ts. 20 N., Rs. 22 and 23 W., which is marked by an iron post, 1 in. in diam., set, mkd. and witnessed as described in the official record, bears N. $0^{\circ} 11' E.$, 39.70 chs. dist.

The point for the cor. of secs. 13, 18, 19 and 24, Ts. 20 N., Rs. 22 and 23 W., which is marked by an iron post, 2 ins. in diam., mkd. as described in the official record, bears N. $0^{\circ} 11' E.$, 78.38 chs. dist. The post is now setting in a cattle guard, across a road bearing E. and W., and in the line of the N. and S. fence.

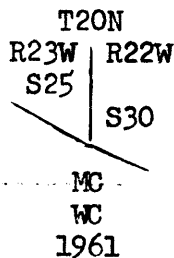
The true point for the meander cor. of secs. 4 and 9, T. 33 S., R. 66 E., M. D. M., Nevada, as described in the resurveys of that township, concurrently resurveyed, bears N. $84^{\circ} 23' W.$, 47.23 chs. dist.

Thence,

South, on record bearing, bet. secs. 25 and 30.

0.72

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, and in concrete, for the witness meander cor. of secs. 25 and 30, with brass cap mkd.



1.09

The left bank of the Colorado River, bearing N. $61^{\circ} 26' W.$ and S. $52^{\circ} 59' E.$, and point for the meander cor. of secs. 25 and 30. The point falls on steep, insecure silt bank where a monument cannot be maintained. Set the witness cor. thereto as described above.

Dependent Resurvey of the Boundaries
of Secs. 12 and 30,
T. 20 N., R. 22 W.

Reestablishment of the Surveys by
Omar H. Case, Deputy Surveyor, in 1872-73
and Surveys and Resurveys by
Guy H. Richardson and Hugo Price,
in 1915

From the cor. of secs. 7, 12, 13 and 18, Ts. 20 N., Rs. 21 and 22 W., as hereinbefore described.

Thence

N. $89^{\circ} 58' W.$, bet. secs. 12 and 13.

Over rolling desert hills; asc. 30 ft. over gentle W. slope.

0.02

Corner of fences, bearing S. and W., along line.

Dependent Resurvey, Secs. 12 and 30,
T. 20. N., R. 22 W., G. & S. R. Mer., Arizona

Chains

- 12.80 Base of spur; asc. 50 ft. over NE. slope.
- 15.40 Small spur, slopes W. from S.; desc. 140 ft. over and along spur.
- 39.95 The point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13, which is marked by an iron post, 1 in. in diam., set, mkd. and witnessed as described in the official record.

N. $89^{\circ} 58'$ W., on a projection of the $E\frac{1}{2}$ mile, beginning new measurement.

Continue over gentle W. slope, descending 90 ft. along fence to road.

- 19.50 Blacktop road, Needles to Bullhead City, curving N. 25° E. from SW.; thence along N. side of access road to trailer park.

- 25.20 Point for the record meander cor. of secs. 12 and 13, at record distance; there is no remaining evidence of the original post or accessories.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, and in concrete, as a witness point on the line bet. secs. 12 and 13, with brass cap mkd.

T20N R22W
S 12
WP S 13
1961

Thence

N. $53^{\circ} 40'$ W., on a projection of the line bet. secs. 12 and 13, normal to the present left bank of the river, over accreted lands.

- 3.34 The left bank of the Colorado River, bearing N. $36^{\circ} 20'$ E. and S. $36^{\circ} 20'$ W., and point for the meander cor. of secs. 12 and 13.

At the corner point

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

T20N R22W
MC S12
S13
1961

Land, rolling desert hills descending to the river.

Soil, sandy loam and silt.

Timber, willows and mesquite along river.

Undergrowth, creosote brush, cacti and arrowweed.

From the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp., as hereinbefore described.

S. $89^{\circ} 54'$ W., on record bearing, bet. secs. 1 and 12.

Over rolling desert hills, along fence; asc. 80 ft. over SE. slope.

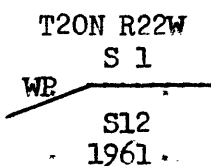
Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

- 12.40 Ridge spur, bears N.; desc. 110 ft. over NW. slope.
- 28.70 Black top road, Needles to Bullhead City, at S. edge of Bullhead City, bearing N. and S.; end of fence from E.
- 37.53 The point for the record meander cor. of secs. 1 and 12, at record distance; there is no remaining evidence of the original post or accessories.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, and in concrete, for a witness point on the line bet. secs. 1 and 12, with brass cap mkd.



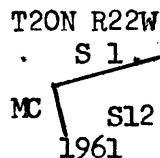
Thence

S. $80^{\circ} 01' W.$, on a projection of the line bet. secs. 1 and 12, normal to the left bank of the river, over accreted lands.

- 4.47 The left bank of the Colorado River, bearing S. $9^{\circ} 59' E.$ and N. $9^{\circ} 59' W.$, and point for the meander cor. of secs. 1 and 12.

At the corner point

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



The true point for the meander cor. of secs. 24 and 25, T. 32 S., R. 66 E., M. D. M., Nevada, as described in the official record of the resurveys of T. 32 S., R. 66 E., concurrently executed, bears S. $33^{\circ} 51' W.$, 17.81 chs. dist.

Land, rolling desert hills descending to river.

Soil, sandy loam and silt.

Timber, scattered willow along river.

Undergrowth, creosote brush and cacti, with arrowweed in bottom.

Meanders of the Left Bank of the Colorado River,
in sec. 12.

From the meander cor. of secs. 12 and 13, as hereinbefore described.

Thence, with the meanders of the left bank of the river, upstream.

In sec. 12.

N. $36^{\circ} 20' E.$, 2.34 chs.

N. $37^{\circ} 18' E.$, 1.14 chs.

N. $24^{\circ} 40' E.$, 2.95 chs.

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains		
	N. 26° 59' E.,	7.59 chs.
	N. 30° 00' E.,	3.41 chs.
	N. 35° 01' E.,	1.80 chs.
	N. 26° 17' E.,	5.98 chs.
		At end of course, the SW. cor. of house, 10 x 15 ft., bears S. 66° E., 1.30 chs. dist.
	N. 18° 01' E.,	9.18 chs.
		At end of course, the SW. cor. of house, 20 x 20 ft., bears S. 72° E., 3.50 chs. dist.
	N. 25° 46' E.,	3.42 chs.
		At end of course, the SW. cor. of shack, bears S. 85° E., 4.20 chs. dist.
	N. 16° 47' E.,	5.84 chs.
	N. 32° 24' E.,	7.82 chs.
	N. 51° 36' E.,	3.83 chs.
	N. 11° 41' E.,	2.65 chs.
		At end of course, the SW. cor. of shack, 10 x 20 ft., bears S. 60° E., 3.20 chs. dist.
	N. 23° 09' E.,	3.99 chs.
	N. 1° 29' W.,	8.97 chs.
	N. 0° 55' E.,	4.45 chs.
		At end of course, the NW. cor. of house, 10 x 15 ft., bears N. 64° E., 1.70 chs. dist.
	N. 5° 06' W.,	4.50 chs.
		At end of course, small boat dock. Cor. of house, 15 x 20 ft., bears N. 61° E., 1.10 chs. dist.
	N. 11° 03' W.,	1.91 chs.
		At end of course, NW. cor. of house, 10 x 10 ft., bears S. 81° E., 1.30 chs. dist.
	N. 9° 59' W.,	2.63 chs.
		The meander cor. of secs. 1 and 12, hereinbefore described.
	<p>The point for the cor. of secs. 19, 20, 29 and 30, is marked by the original iron post, 1 in. in diam., mkd. in conformance with the official record, now set 18 ins. below intersection of graveled roads N. and S. and bladed roads E. and W. The post's position is harmoniously related to other corners and it is presumed that its resetting below road surface was at the original corner point.</p>	
	Thence	
	South, bet. secs. 29 and 30.	
	Over nearly level desert land, in graveled road; line angles to E. side of road.	
32.00	Thence along shoulder of road.	
40.12	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30, which is mkd. by an	

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains

iron pipe, 1 in. in diam., projecting 12 ins. above ground. The pipe is recognized by the adjoining owners and other interested persons as properly marking the corner point and is accepted as the best available evidence of the original corner.

At the corner point

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

T20N R22W
 $\frac{1}{4}$

S30 | S29

1961

The cor. is set on E. shoulder of road.

South, on record bearing, beginning new measurement.

Continue over level land, along E. shoulder of graveled road.

12.10 Intersection with river bank road, bearing N. 57° W. and S. 57° E.

12.42 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, and in concrete, for witness meander cor. of secs. 29 and 30, with brass cap mkd.

T20N R22W

S30 | S29

MC

WC

1961

13.17 Left bank of Colorado River, bearing N. $57^{\circ} 09'$ W. and S. 57° E., and point for meander cor. of secs. 29 and 30. The point falls on steep silt bank where a monument cannot be maintained. Set the witness cor. thereto as described above.

Land, nearly level bottom.

Soil, sandy silt.

Timber, scattering mesquite and willow.

Undergrowth, creosote brush, cacti, willow and arrowweed.

I return to the cor. of secs. 19, 20, 29 and 30.

West, bet. secs. 19 and 30.

Over nearly level land, along a bladed road.

20.00 Leave road, thence along N. shoulder.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30, at proportionate 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. in diam., 24 ins. in the ground, and in concrete, with brass cap mkd.

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

Chains	T20N R22W $\frac{1}{4}$ S 19 S 30 1961
63.10	Junction with black top road, N. and W. along line; continue along S. shoulder of road.
79.98	The cor. of secs. 19, 24, 25 and 30, Ts. 20 N., Rs. 22 and 23 W., as hereinbefore described.
	Land, level. Soil, sandy silt. Timber, scattering mesquite and willow. Undergrowth, creosote brush and arrowweed.
<hr/> <p>Meanders of the Left Bank of the Colorado River, in sec. 30</p> <hr/>	
	From the true point for the meander cor. of secs. 29 and 30, hereinbefore described.
	Thence, with the meanders of the left bank of the Colorado River, upstream.
	In sec. 30
	N. 57° 09' W., 3.79 chs.
	N. 53° 05' W., 4.91 chs.
	N. 55° 12' W., 8.99 chs.
	N. 49° 14' W., 5.31 chs.
	N. 52° 51' W., 15.97 chs.
	N. 57° 26' W., 1.90 chs.
	N. 57° 16' W., 3.90 chs.
	N. 59° 18' W., 4.03 chs.
	N. 65° 28' W., 9.18 chs.
	N. 64° 51' W., 2.27 chs.
	N. 62° 59' W., 4.98 chs.
	N. 66° 19' W., 10.04 chs.
	N. 56° 28' W., 2.51 chs.
	N. 45° 45' W., 8.24 chs.
	N. 58° 40' W., 6.15 chs.
	N. 52° 59' W., 3.86 chs.
	The true point for the meander cor. of secs. 25 and 30, on W. bdy. of Tp., from which the witness meander cor. bears North, 0.37 ch. dist., as hereinbefore described.

Dependent Resurvey, Secs. 12 and 30,
T. 20 N., R. 22 W., G. & S. R. Mer., Arizona

General Description

Sec. 12 is located immediately south of Bullhead City, Arizona. The westerly portion along the river is a part of an old flood plain ascending into rolling desert hills in the east part. In the flood plain the soil is sandy silt and on the desert it is sandy gravel.

There is a scattering growth of creosote (greasewood) brush on the desert area. In the bottom there is scattered mesquite and willow.

A black top road from Needles to Bullhead City runs through the westerly part of the section, parallel to the river.

The rodeo grounds of Bullhead City are located west of the black top road, near the line bet. secs. 1 and 12.

There are numerous persons living upon the lands, along the river bank.

Sec. 30 is located about 5 miles SW. of Bullhead City.

The land consists entirely of the old river flood plain. There is a dense growth of mesquite, willow and arrowweed covering the entire area.

There is a good graveled road along the line bet. secs. 29 and 30 and a bladed road along the line bet. secs. 19 and 30. A bladed access road runs along the river bank.

There is no use or occupancy of the section.

CERTIFICATE OF CADASTRAL SURVEYOR

I, Eldon W. Sibley, HEREBY CERTIFY upon honor that, in pursuance of ~~special instructions~~ ^{supplemental} special instructions bearing date of the 15th day of September, 1961. I have ~~executed~~ executed a dependent resurvey of sections 12 and 30, Township 20 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.

3/5/62

(Date)

Eldon W. Sibley

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JAN 7 1963, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of sections 12 and 30, Township 20 North, Range 22 West, Gila and Salt River, Meridian, Arizona.

executed by Eldon W. Sibley, Cadastral Surveyor

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

J. E. Remington

(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)