

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

DEPENDENT RESURVEY

of a

PORTION of the BOUNDARIES

and a

SURVEY of a PORTION

of the

SUBDIVISIONAL LINES

of

SECTION 19

TOWNSHIP 5 SOUTH, RANGE 21 WEST

Of the Gila and Salt River *Meridian,*

In the State of Arizona

EXECUTED BY

Leonard W. Murphy, Cadastral Surveyor

Under special instructions dated August 1, 1962, *which provided*
for the surveys included under Group No. 382, *approved* August 7, 1962
and assignment instructions dated September 24, 1962

Survey commenced October 1, 1962

Survey completed October 7, 1962

BOOK 4647

INDEX DIAGRAM

Township 5 South, Range 21 West

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10-56770-1

Subdivisions of Sec. 19, pages 4 and 5.

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Township 5 South, Range 21 West, G. & S. R. M., Arizona 1. B

Chains

The north, south, east and west boundaries of section 19 were surveyed by M. Santee in 1881. A portion of the west boundary was surveyed in 1915 by W. B. Kimmel. The Bureau of Reclamation remonumented the east and the east half of the north boundary of section 19 in 1936.

The resurvey and survey were executed at the request of the Fish and Wildlife Service to establish the lines between the game refuge and private land. Cost of the field and office work is being furnished by the Fish and Wildlife Service.

The following field notes are those of the dependent resurvey of the east boundary and a portion of the north and south boundaries of section 19, and a survey of the subdivisional lines between the patented and unpatented lands in section 19.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated August 1, 1962.

Only the true line bearings and distances for the surveyed lines are given in these notes.

The geographic position of the southeast corner of section 19 is: Latitude 32°58'11" North and Longitude 114°27'22" West. The observed magnetic declination is: 14°30' East.

Dependent Resurvey, Portion of the Boundaries, Section 19,
Township 5 South, Range 21 West, G. & S. R. Mer., Arizona.

Reestablishment of the Survey executed by M. Santee, in 1881.

Beginning at the cor. of secs. 19, 20, 29 and 30, monumented by a Bureau of Reclamation iron post 1 inch in diam., firmly set and properly marked, accepted as the best remaining available evidence of the original corner position.

N. 0°06' W., bet. secs. 19 and 20.

Over nearly level land, through sparse undergrowth.

11.80 Wash, 15 lks. wide, drains W.

19.99 The S. 1/16 sec. cor. of secs. 19 and 20, a 3/4 inch pipe, set flush to the ground, established by the Fish and Wildlife Service in 1961. This point also marks the center of a runway bearing NE. and SW.

37.80 Begin desc. from mesa.

38.70 Enter valley floor and dense undergrowth.

39.98 The 1/4 sec. cor. of secs. 19 and 20, monumented by a volcanic stone 14x10x6 ins., firmly set and marked 1/4 on W. face.

At the corner point

Set an iron post 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.

T5S R21W

1/4

S19 | S20

1962

BOOK 4647

Dependent Resurvey, Section 19, T. 5 S., R. 21 W., Arizona 2.

Chains	
	<p>Bury the original corner stone alongside the iron post.</p> <p>Set a redwood post 6 ft. long, 4 ins. sq., alongside the iron post as a guard stake.</p> <hr/> <p>N. 0°06' W., beginning new measurement.</p> <p>Over level bottom land.</p>
30.40	Leave undergrowth, bears E. and W.; ascend S. slope.
32.80	Top of mesa, bears E. and W.
40.35	<p>The cor. of secs. 17, 18, 19 and 20, monumented by a Bureau of Reclamation iron post, 1 inch diam., firmly set and properly mkd.; accepted as being the best available remaining evidence of the original corner position.</p> <p>Land, nearly level. Soil, sandy and gravelly. Timber, scattered mesquite and palo verde. Undergrowth, salt cedar and arrowweed.</p> <hr/> <p>N. 89°56' W., bet. secs. 18 and 19.</p> <p>Over mesa.</p>
17.40	Road, graded, bears S. and NW.
20.00	The E. 1/16 sec. cor. of secs. 18 and 19, monumented by a U.S.B.R. iron post, 1 inch diam., firmly set and properly marked.
20.10	Begin desc. over W. slope.
20.80	Same road as above, bears SW. and NE.
26.80	Same road as above, bears N. and S. at this point.
27.00	Enter dense undergrowth of Los Angeles Wash.
39.99	<p>The ¼ sec. cor. of secs. 18 and 19, monumented by a U.S.B.R. iron post, 1 inch diam., firmly set and properly mkd., projecting 5 ins. above the ground; accepted as being the best remaining evidence of the original corner position.</p> <p>Set a redwood post, 6 ft. long, 4 ins. square, alongside the iron post as a guardstake.</p> <hr/> <p>N. 89°56' W., bet. secs. 18 and 19 on projected line, beginning new measurement.</p> <p>Continue through dense undergrowth.</p>
7.40	<p>Mean high water mark on bank of Martinez Lake, selected as a witness point on the line bet. secs. 18 and 19.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.</p>
	<p>T5S R21W WP $\frac{S 18}{S 19}$ 1962</p>

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Dependent Resurvey, Section 19, T. 5 S., R. 21 W., Arizona 3.

Chains

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

(9.20) Present bank of Martinez Lake, 2 ft. high, bears NW. and SE. The remainder of the line bet. secs. 18 and 19 and the W. bdy. of sec. 19, are in Martinez Lake.

Land, nearly level.

Soil, sandy and gravelly.

Timber, mesquite and palo verde.

Undergrowth, arrowweed, willow and salt cedar.

From the cor. of secs. 19, 20, 29 and 30.

West, bet. secs. 19 and 30, on record bearing.

Over level land, through sparse vegetation.

3.80 Center of graded road, bears N. and S.

6.20 Center of air strip, bears NE. and SW.

19.20 Center of asphalt road leading to Martinez Lake Marina, bears NW. and SE.

27.90 Center of asphalt road leading to Fishers Landing, bears NW. and SE.

30.78 Intersect the E. wall of Fishers Store.

from which

The NE. cor. of store bears N. $40^{\circ}17'$ W., 11 lks. dist.

The SE. cor. of store bears S. $40^{\circ}17'$ E., 54 lks. dist.

31.49 A U. S. Bureau of Reclamation iron post marked as a bench mark, bears South, 5 lks. dist.

32.00 Point selected for a witness point on the line bet. secs. 19 and 30.

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

T5S R21W

WP $\frac{S19}{S30}$

1962

from which

NE. cor. of a building bears S. $25^{\circ}20'$ W., 20 lks. dist.

A tamarisk tree, 6 ins. diam., bears N. 31° W., 7 lks. dist., not mkd.

32.70 Bank of the backwater from the Colorado River, bears N. and S.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30, falls in open water where a permanent monument cannot be established.

45.00 There is no remaining evidence of the original meander cor. of secs. 19 and 30. Point falls on a low sand bar of the Colorado River.

BOOK 4647

Subdivision, Sec. 19, T. 5 S., R. 21 W., Arizona

4.

Chains

- From the $\frac{1}{4}$ sec. cor. of secs. 18 and 19.
S. $0^{\circ}06'$ E., on the N. and S. center line of sec. 19.
Over level land; through dense undergrowth.
- 2.60 Mean high water mark on the bank of Martinez Lake; not monumented.
- 4.30 Present bank of Martinez Lake, about 2 feet high, bears NW. and SE.
Thence over Martinez Lake by triangulation.
- 49.50 Bank of Martinez Lake, bears E. and W.; asc. to mesa.
- 51.58 Point selected as a witness point, on top of mesa.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.
- T5S R21W
S 19
WP
|
C
1962
- from which
SE. cor. of J. Baileys' home bears S. $24^{\circ}25'$ W., $21\frac{1}{2}$ lks. dist.
NE. cor. of same home bears N. $30^{\circ}10'$ W., 22 lks. dist..
- 51.72 Intersect a U. S. Bureau of Reclamation iron post, $1\frac{1}{2}$ ins. diam., poorly mkd. as a bench mark and witness point.
- 55.90 Asphalt road leading to Martinez Lake Marina, bears NW. and SE.
- 57.28 A U. S. Wildlife Service iron post, $1\frac{1}{2}$ ins. diam., mkd. as a witness point, bears E. 1 link dist.
- 57.37 Point selected as a witness point.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.
- T5S R21W
WP
S 19
|
C
1962
- from which
The northwest cor. of a house bears S. $54^{\circ}28'$ E., 9 lks. dist.
The southwest cor. of the same house bears S. $38^{\circ}51'$ E., 36 lks. dist.
- 57.60 Begin desc. over SW. bank.
- 59.40 Edge of backwater of the Colorado River, bears NW. and SE.
- 60.38 Point for the Center S. $1/16$ sec. cor. of sec. 19 falls in water where a permanent monument cannot be established.
- 80.38 Point for the $\frac{1}{4}$ cor. of secs. 19 and 30.

BOOK 4647

Subdivision, Sec. 19, T. 5 S., R. 21 W., Arizona

5.

Chains

From the S. 1/16 sec. cor. bet. secs. 19 and 20.

N. 89°59' W., on the south 1/16 line of sec. 19.

Over level land.

8.00 Road, graded, bears N. and S.

21.40 Road, graded, bears NE. and SW.

35.60 Asphalt road leading to Martinez Lake Marina bears N. 55° W., and S. 55° E.

38.50 Point selected for a witness cor. for the center S. 1/16 sec. cor.

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

WC
c
S1/16 | S 19
c
1962

from which

A U. S. Wildlife Service brass cap, 1½ ins. diam., mkd. for the witness cor. on the line bet. lots 3 and 4, bears South, 4½ lks. dist. This monument was set in 1961.

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

39.20 Mean high water mark of back water from Colorado River, bears N. 20° W. and S. 20° E.

40.00 Point for the center S. 1/16 cor. of sec. 19.

N. 89°59' W., beginning new measurement.

4.30 Mean high water mark of back water from Colorado River, bears N. 35° E., and S. 35° W.

4.50 Point selected as a witness point.

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

Sec 19
WP $\frac{\text{Lot 3}}{\text{Lot 4}}$
1962

6.17 Intersect the NE. cor. of a frame house, 18x32 ft., long side bears S. 30° E.

7.75 Road, improved, circles through trailer park.

16.70 Point selected for a witness point, on left bank of the Colorado River.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, surrounded by concrete, with brass cap mkd.

Sec 19
WP $\frac{\text{Lot 3}}{\text{Lot 4}}$
1962

CERTIFICATE OF CADASTRAL SURVEYOR

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of August, 1962.

I have ~~surveyed~~ resurveyed the east and a portion of the north and south boundaries, and surveyed a portion of the subdivisional lines of section 19, Township 5 South, Range 21 West

of the Gila and 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.

October 10, 1962
(Date)

Leonard W. Murphy
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., DEC 11 1962, 1962

The foregoing field notes of the ~~surveyed~~ resurvey of the east and a portion of the north and south boundaries and the survey of a portion of the subdivisional lines of section 19, Township 5 South, Range 21 West, of the Gila and Salt River Meridian in the State of Arizona

executed by Leonard W. Murphy

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

E. E. Pennington
(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)