

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

ORIGINAL
FIELD NOTES

of the Supplemental Survey of

Lots 5 and 6 in Section 4

Township 9 South , Range 19 West

Of the G. & S. R. Meridian, In the State of Arizona

EXECUTED BY

Albin H. Wadin, Engineer

U.S. Bureau of Reclamation

Under authority of Departmental Instructions of October 24, 1906.

Survey Commenced March 6 19 56

Survey Completed March 9 19 56

4504

4504

INDEX DIAGRAM

Township 9 South, Range 19 West

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

FIELD ASSISTANTS

NAMES	CAPACITY
Earnest A. Haley	
William D. Wagner	

SUPPLEMENTAL SURVEY OF SECTION 4
T. 9 S., R. 19 W., G & S. R. M., ARIZONA

The purpose of this survey is to subdivide the NE $\frac{1}{4}$ of this section into legal subdivisions and fractional lots to accommodate farm units for disposal.

Township 9 South, Range 19 West, Gila and Salt River Meridian, Arizona, was surveyed in December, 1910 and January, 1911 by John F. Hesse. The Plat was approved April 12, 1911.

The brass capped corner markers set in 1911 were found, in this survey, at the SW and SE corners of section 4, and also at the W $\frac{1}{4}$ corner of the section. In April, 1938, while the Bureau of Reclamation was making preliminary surveys for topography of the area, the 1911 Witness Corner set 1.10 chains south of the East $\frac{1}{4}$ corner of section 4, was found and a 1 inch pipe, 36 inches long was set 1.10 chains north of the WC at the location for the $\frac{1}{4}$ corner of sections 3 and 4. In this Supplemental Survey of Section 4, it was found that the top 24 inches of the $\frac{1}{4}$ corner monument had been broken off, with the remaining 12 inches still in place. A new monument was set at this point.

During 1949 and 1950 the Bureau of Reclamation was engaged in pre-construction surveys in this township prior to construction of the canals and laterals which would serve the development of the project. Bureau engineers replaced principal corners which were destroyed by the construction of these canals and laterals. The Yuma County Highway Department set 4" x 4" redwood reference posts along the newly constructed county roads. However many of the corner monuments were destroyed, leaving only the reference posts evidencing the location of the corners. The Bureau of Reclamation reset these corners also, with standard iron posts and brass caps.

This survey was executed with a Keuffel & Esser transit, serial number 92796, which is provided with double verniers reading to 30 seconds of arc. The instrument was examined and tested and found to be in good condition and adjustment.

Bearings established and used by the Bureau of Reclamation in this area are based on the U. S. C. & G. S. Western Arizona Grid System, whose central meridian in this zone is 113° 45' west longitude. The bearings in this survey have been corrected to the true meridian and are shown as true bearings and true lines.

CHAINS The closing corner of secs. 3 and 4, T. 9 S., R. 19 W., and sec. 34, T. 8 S., R. 19 W., is a 2 in. iron post set 12 in. below surface of county gravelled road with 4" x 4" redwood reference posts at 33 ft. to north and south, with brass cap mkd.

S 34

S4 | S3
T9S R19W
1949

From the closing corner described above

N. 89° 52' 30" W., on township line bet. secs. 4, T9S R19W, and 34, T8S R19W

3,63 Cor. of secs. 33 and 34 in T8S R19W, in center of county road. Monument is a 2 in. iron post set 16 in. below surface of road with brass cap mkd.

T8S R19W
S33 | S34

S4
1949

Corner referenced by 4" x 4" redwood posts set 33 ft. to north and south.

SUPPLEMENTAL SURVEY OF SECTION 4
T. 9 S., R. 19 W., G. & S. R. M., ARIZONA

- CHAINS Continue measurement on township line bet. secs. 33 and 4
- 20.04 The E 1/16 cor. of sec. 4. An iron post 1 in. diam., set 16 in. below surface of county road, with brass cap mkd.
- E 1/16
 S4
 1949
- 4" x 4" redwood reference posts at 33 ft. to north and south
- Continue measurement, now on N. line of Lot 5
- 23.67 The E 1/16 cor. of sec. 33, T. 8 S., R. 19 W., an iron post 1 in. diam., set 12 in. below surface of road, with 4" x 4" redwood reference posts at 33 ft. to north and south. Brass cap mkd.
- E 1/16
 S33
 1949
- Continue measurement.
- 40.08 The 1/4 cor. of sec. 4. Monumented with an iron post 1 in. diam., set 12 in. below road surface with brass cap mkd.
- 1/4
 S4
 1949
- 4" x 4" redwood posts set at 33 ft. to north and south.
Cor. falls in Gila River channel, 4.24 chains west of right bank; channel is 9.01 chains wide.
-
- From the cor. of secs. 4, 5, 8 and 9, an iron post 2 in. diam., set 12 in. below surface of county road, with G.L.O. brass cap mkd.
- T9S R19W
S5 | S4

S8 | S9
1911
- 4" x 4" redwood reference posts at 33 ft. to east and west.
- S. 89° 50' 30"E., bet. secs. 4 and 9
- 40.10 To point for 1/4 cor. of secs. 4 and 9. Point falls over roadway siphon, mid-way between headwalls of siphon on the WM-17.0 Lateral. At proportionate distance
- Set iron post 1 in. diam., 12 in. long, 12 in. below surface, with brass cap mkd.
- 1/4
 S4
 S9
 1956
- Continue measurement
- 80.20 The cor. of secs. 3, 4, 9 and 10. An iron post 2 in. diam., set 6 in. out of ground with brass cap mkd.
- G L O
T9S R19W
S4 | S3

S9 | S10
1911
-
- From the 1/4 cor. of secs. 4 and 9 previously set and described.
- N. 0° 03' 30" E., on N-S midsection line of sec. 4. Power line on

SUPPLEMENTAL SURVEY OF SECTION 4
T. 9 S., R. 19 W., G & S. R. M., ARIZONA

CHAINS line.

20.03 End of N-S powerline at E-W powerline across section 4.

40.06 Point for the C 1/4 cor. of sec. 4. At intersection with E-W centerline of sec. 4

Set iron post 1 in. diam., 36 in. long, 8 in. out of ground with brass cap mkd.

C 1/4
S 4
1956

Continue measurement.

60.10 Point for the CN 1/16 cor. of sec. 4, which is also angle point 4 of Lot 6. At proportionate distance

Set an iron post 1 in. diam., 36 in. long, 8 in. out of ground with brass cap mkd.

CN 1/16
S 4
1956

Continue, now on W. line of Lot 6

70.39 Centerline of concrete lined WM-17.0 Lateral

71.09 Intersection with the N. right-of-way line of the Wm-17.0 Lateral at angle point 3 of Lot 6. The R/W line is boundary bet. Lots 5 and 6.

Set iron post 1 in. diam., 36 in. long, 8 in. out of ground with brass cap mkd.

AP 3
L 5
L 6
AP 3
S 4
1956

Leave Lot 6 continuing on W. line of Lot 5

73.01 Left bank of Gila River channel.

80.13 The 1/4 cor. of sec. 4 on township line bet. T9S and T8S R19W, previously described.

The Witness Corner set in the 1911 survey at 1.10 chains S. 0° 01' E. of the 1/4 cor. of secs. 3 and 4, was found in April, 1938. An iron post 1 in. diam., 36 in. long, with brass cap was set at the 1/4 cor. location, from the WC. During the course of this survey it was found that the WC had been destroyed in the construction of a lateral, but the lower portion of the iron post which had been set at the 1/4 cor. was found in place.

A new iron post, 1 in. diam., 36 in. long, was set 8 in. out of ground with brass cap mkd.

1/4
S 4 | S 3
1956

Corner falls 48 ft. east of the end of the concrete lining centerline of the W-0.6 Lateral.

SUPPLEMENTAL SURVEY OF SECTION 4
T. 9 S., R. 19 W., G. & S. R. M., ARIZONA

CHAINS From this corner N. $89^{\circ} 46' 30''$ W., on the E-W centerline of sec. 4

20.05 To point for the CE 1/16 cor. of sec. 4. At proportionate distance

Set iron post 1 in. diam., 36 in. long, 8 in. out of ground with brass cap mkd.

CE 1/16
S 4
1956

Continuing

40.10 The C $\frac{1}{4}$ cor, of sec. 4, previously described.

80.12 The $\frac{1}{4}$ cor. of secs. 4 and 5 which falls at center of county road. 4" x 4" redwood posts set at 33 ft. to east and west reference the corner. Monument is an iron post 1 in. diam., set 4 in. below road surface with brass cap mkd.

G L O
↓
S 5 | S 4
1911

From the $\frac{1}{4}$ cor. of secs. 3 and 4, previously described.

N. $0^{\circ} 03' E.$, on line bet. secs. 3 and 4

14.00 To left bank of Gila River channel

20.06 The N 1/16 cor. of secs. 3 and 4, an iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.

N 1/16
S 4 | S 3
1950

Continuing

21.58 Right bank of Gila River channel.

40.14 The CC cor. of secs. 3 and 4, T9S R19W, and sec. 34, T8S R19W, previously described.

From the CE 1/16 cor. of sec. 4, previously set and described.

N. $0^{\circ} 03' E.$, on N-S centerline of the NE $\frac{1}{4}$ of sec. 4.

17.88 Left bank of Gila River channel.

20.05 Point for the NE 1/16 cor. of sec. 4, falling at the of right bank of Gila River. At intersection with the E-W centerline of the NE $\frac{1}{4}$ of sec. 4

Set an iron post 1 in. diam., 36 in. long, 12 in. out of ground with brass cap mkd.

NE 1/16
S 4
1956

Corner is also angle point 6 of Lot 5.

Continue measurement, now on E. line of Lot 5

SUPPLEMENTAL SURVEY OF SECTION 4
T. 9 S., R. 19 W., G. & S. R. M., ARIZONA

CHAINS

40.11

To the E 1/16 cor. of sec. 4 on township line bet. T9S and T8S R19W, previously described.

From the N 1/16 cor. of secs. 3 and 4, previously described.

N. 89° 48' 30" W., on the E-W centerline of the NE $\frac{1}{4}$ of sec. 4, along river channel.

20.05

To the NE 1/16 cor. of sec. 4, previously set and described.

Continue now on the S. line of Lot 5.

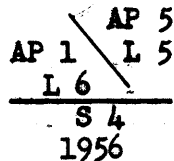
22.32

Left bank of Gila River channel which bears NW.

23.29

Point for angle point 5 of Lot 5 and angle point 1 of Lot 6, at intersection with east right-of-way line of the WM-17.0 Lateral, which is the boundary bet. Lots 5 and 6.

Set iron post 1 in. diam., 36 in. long, 8 in. out of ground with brass cap mkd.



Leave Lot 5 continue on S. line of Lot 6.

24.27

Centerline of the WM-17.0 Lateral concrete lining.

40.10

The CN 1/16 cor. of sec. 4 previously described.

From the monument set at AP 5 of Lot 5 and AP 1 of Lot 6

N. 57° 02' 30" W., on the east R/W line of the WM-17.0 Lateral, bet. Lots 5 and 6

19.12

To angle point in R/W line. Point is angle points 4 of Lot 5 and 2 of Lot 6. Not monumented.

Thence, N. 49° 17' 30" W., beginning new measurement.

0.99

To intersect with the N-S centerline of sec. 4 at angle points 3 of Lot 5 and 3 of Lot 6, previously set and described.

Note: Lot 5 contains 31.08 acres.
Lot 6 contains 9.11 acres.

CERTIFICATE OF CADASTRAL ENGINEER

I, Albin H. Wadin Bureau of Reclamation, HEREBY CERTIFY
upon honor that, under authority of Departmental Instructions of October 24, 1906.
I have Surveyed Lots 5 and 6 in Section 4, Township 9 South, Range 19 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 the Manual of Instructions for the
Survey of Public Lands of the United States, and in the specific manner described in the foregoing
field notes.

Yuma, Arizona

March 26

Albin H. Wadin

General Engineer

CERTIFICATE OF APPROVAL

Bureau of Reclamation **NOV 5 - 1956**
Washington, D. C. _____, 19 _____

The foregoing field notes of the Supplemental Survey of Lots 5 and 6 in Section 4,
Township 9 South, Range 19 West, Gila and Salt River, Meridian, Arizona

executed by Albin H. Wadin

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

E. J. Nelson

Assistant Commissioner

CERTIFICATE OF TRANSCRIPT

Bureau of Land Management
Washington, D. C. _____, 19 _____

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.