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BOOK 4407

REGION V.
PHOENIX, ARIZONA

ORIGINAL
UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

FIELD NOTES

of the Survey of

Lots 1, 2, 3, 4 and 5 in Section 27

and Lots 1, 2, 3 and 4 in Section 34

Township 7 South, Range 16 West

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

EXECUTED BY

Albin H. Wadin, General Engineer

United States Bureau of Reclamation

Under authority of Departmental Instructions of October 24, 1906.

Survey Commenced May 22 1952

Survey Completed November 21 1952

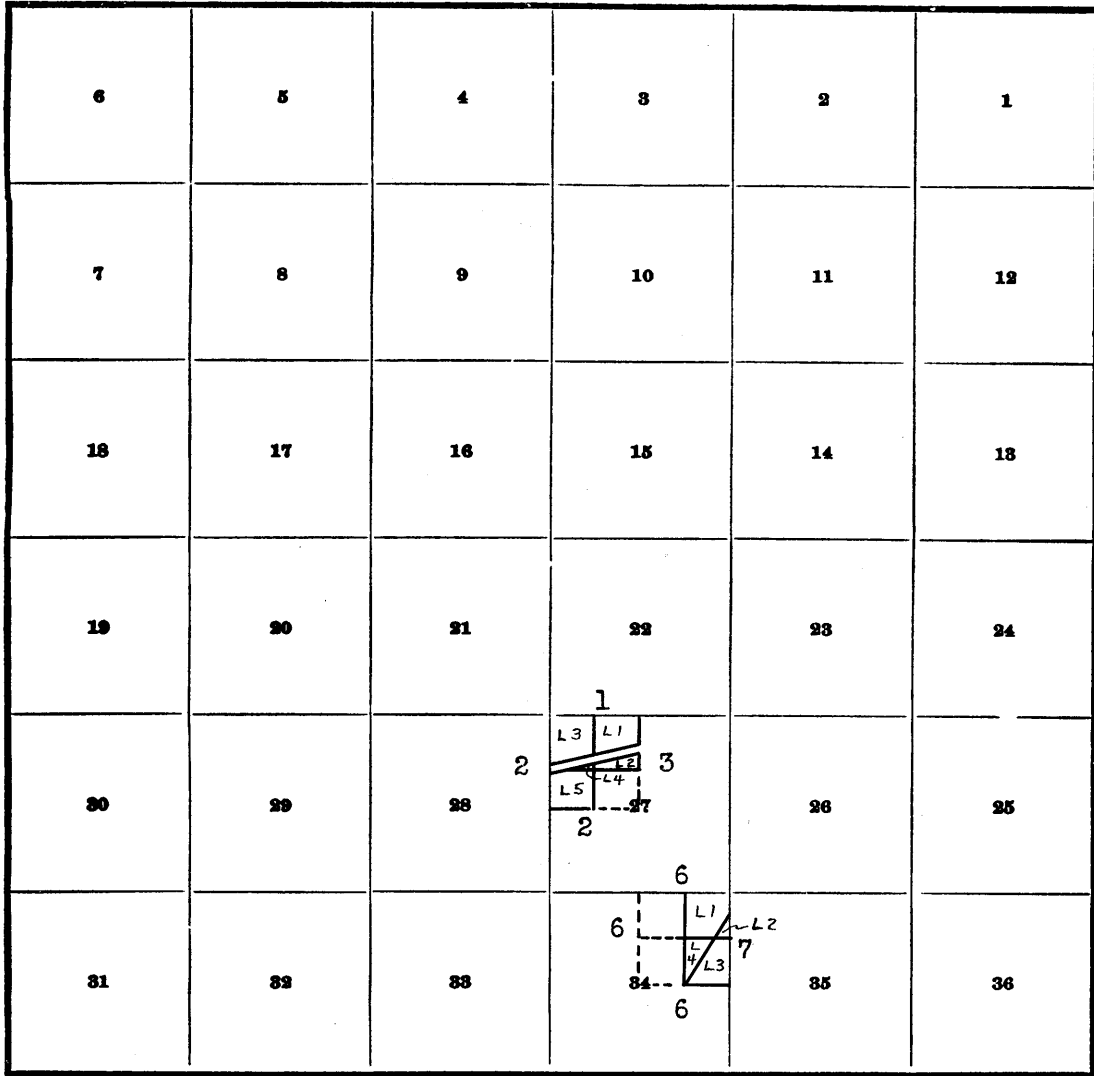
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INDEX DIAGRAM

Township 7 South, Range 16 West



FIELD ASSISTANTS

NAMES	CAPACITY
E. A. Haley	Instrumentman
G. F. Carr, Jr.	Chainman

SURVEY OF PORTIONS OF SECTIONS 27 AND 34,
T. 7 S., R. 16 W., G. & S. R. M., ARIZONA

The purpose of this survey is to subdivide the portions of Sections 27 and 34 into legal subdivisions and fractional lots which will accommodate farm units to be used in connection with the development of land in the Wellton-Mohawk Division of the Gila Project, Arizona. The units are composed of patented land acquired by the United States by purchase from the Gila Valley Power District.

The east boundary of Township 7 South, Range 16 West, Gila and Salt River Meridian was surveyed by Theodore F. White in 1877, and the north, south and west boundaries and the subdivisional lines were surveyed by John L. Harris in 1878. The Plat was approved in April, 1878.

This area has been settled and farmed for many years and the original corners have been perpetuated by private surveyors. Original corners have been replaced with 4 in. by 4 in. redwood posts properly inscribed. They have been recognized and accepted by the settlers without controversy. During the course of construction surveys for the construction of canals and laterals for the Wellton-Mohawk Division of the Gila Project, Bureau of Reclamation engineers have replaced the redwood posts with brass caps of accepted standards. The brass caps are marked "Bureau of Reclamation Penalty \$250 For Removal", and are stamped with the appropriate corner markings.

The 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 $113^{\circ} 45'$ west longitude. The bearings in this survey have been corrected to the true meridian, and are shown as true bearings and true lines.

Survey of Lots 1, 2, 3, 4 and 5, Section 27, T. 7 S., R. 16 W., G.&S.R.M., Ariz.

CHAINS

From the $\frac{1}{4}$ cor. of secs. 22 and 27 which is also angle point 1 of Lot 1, and is monumented with an iron post, 1 in. diam., set 8 in. out of ground, with brass cap mkd.

$\frac{1}{4}$ $\frac{S22}{S27}$
1941

S. $89^{\circ} 55' 25''$ W., on line bet. secs. 22 and 27 and on the N. bdy. of Lot 1.

20.00

The W. $1/16$ cor. of secs. 22 and 27, which is also angle point 2 of Lot 1 and angle point 1 of Lot 3. Monumented by an iron post, 1 in. diam., standing 6 in. out of ground, with brass cap mkd.

W $1/16$
 $\frac{S22}{S27}$
1950

Leave Lot 1, continuing measurement, now on N. bdy. of Lot 3.

Survey of Lots 1, 2, 3, 4 and 5, Section 27, T. 7.S., R. 16.W., G. & S. R. M., Arizona

CHAINS

40.00 Cor. of secs. 21, 22, 27 and 28, and angle point 2 of Lot 3, which is marked with an iron post, 2 in. diam., set 10 in. out of ground, with brass cap mkd.

T7S R16W
 S21 | S22
 S28 | S27
 1941

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

S. $00^{\circ} 24' 03''$ W., on line bet. secs. 27 and 28, and on W. bdy. of Lot 3.

17.41 Point for angle point 3 of Lot 3 at intersection with the northern right-of-way line of the Arizona Eastern Railroad.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

T7S R16W
 S28 | AP 3
 | L 3
 | S27
 1952

Leave Lot 3, continue measurement.

18.98 To center line of single railroad track.

19.84 The N $1/16$ cor. of secs. 27 and 28 which is monumented by a 3 in. by 4 in. redwood post standing 18 in. above ground marked

1949 on N. side N $1/16$ on S. side
 S28 on W. side S27 on E. side

Continuing measurement

20.55 To intersection with the southern R/W line of the A. E. R. R., which is angle point 3 of Lot 5.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

T7S R16W
 S28 | S27
 | AP 3
 | L 5
 1952

Continue measurement, now on W. bdy. of Lot 5.

39.68 The $1/4$ cor. of secs. 27 and 28, which is also angle point 4 of Lot 5, and is monumented with an iron post, 1 in. diam., set 8 in. out of ground, with brass cap mkd.

$1/4$
 S28 | S27
 1941

From the $1/4$ cor. of secs. 27 and 28, described above.

S. $89^{\circ} 44' 53''$ E., on the E. and W. centerline of sec. 27, and the S. bdy. of Lot 5.

Survey of Lots 1, 2, 3, 4 and 5, Section 27, T. 7 S., R. 16 W., G. & S. R. M., Arizona

CHAINS

20.09

Point for the CW 1/16 cor. of sec. 27, and angle point 5 of Lot 5.
At proportionate distance

Set iron post, 3 ft. long, 1 in. dia., 8 in. out of ground, with
brass cap mkd.

S27

CW

1/16

1952

Leave Lot 5, continue measurement.

40.18

The C $\frac{1}{4}$ cor. of sec. 27 which is monumented with an iron post, 1 in.
diam., set 12 in. below ground, with brass cap mkd.

C $\frac{1}{4}$ S27

1949

From the C $\frac{1}{4}$ cor. of sec. 27.

N. 00° 09' 10" E., on the N. and S. centerline of sec. 27.

19.96

Point for the CN 1/16 cor. of sec. 27, and angle point 4 of Lot 2.
At proportionate distance

Set iron post 3 ft. long, 1 in. diam., 18 in. below ground, with
brass cap mkd.

CN

1/16

S27

1952

Continue measurement, now on E. bdy. of Lot 2.

30.10

To intersect the southern line of railroad R/W at angle point 1 of
Lot 2.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with
brass cap mkd.

T7S R16W

S27

AP 1

L 2

1952

Leave Lot 2, continuing measurement.

31.67

to centerline of single railroad track.

33.24

Northern right-of-way line of the A. E. R. R., and angle point 4 of
Lot 1.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with
brass cap mkd.

T7S R16W

S27

AP 4

L 1

1952

Continue measurement, now on E. bdy. of Lot 1.

39.92

The $\frac{1}{4}$ cor. of secs. 22 and 27, and angle point 1 of Lot 1, previously
described.

Survey of Lots 1, 2, 3, 4 and 5, Section 27, T. 7 S., R. 16 W., G. & S. R. M., Arizona

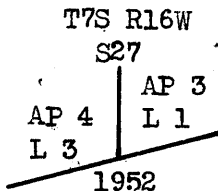
CHAINS

From the W 1/16 cor. of secs. 22 and 27, which is also angle point 2 of Lot 1 and angle point 1 of Lot 3. Monument previously described.

S. 00° 16' 34" W., on the N. and S. centerline of the NW $\frac{1}{4}$ of sec. 27, and bet. Lots 1 and 3.

12.04 Intersect the northern R/W line of the railroad at angle point 3 of Lot 1 and angle point 4 of Lot 3.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

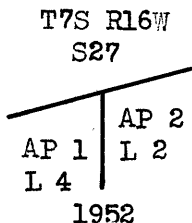


Leave Lots 1 and 3, continuing measurement.

13.61 to centerline of single railroad track.

15.18 The southern R/W bdy. and angle points 2 of Lot 2 and 1 of Lot 4.

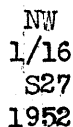
Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.



Continue measurement, now bet. Lots 2 and 4.

19.90 Point for NW 1/16 cor. of sec. 27, and angle points 3 of Lot 2, 3 of Lot 4 and 1 of Lot 5. At intersection with the E-W centerline of the NW $\frac{1}{4}$ of sec. 27.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.



Leave Lots 2 and 4, continue on E. bdy. of Lot 5.

39.80 The CW 1/16 cor. of sec. 27 and angle point 5 of Lot 5, monument previously described.

From the N 1/16 cor. of secs. 27 and 28, previously described.

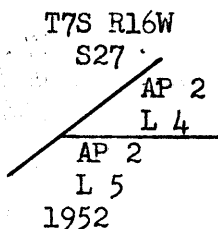
S. 89° 54' 43" E., on the E. and W. centerline of the NW $\frac{1}{4}$ of sec. 27

2.61 to intersect the southern R/W line at angle points 2 of Lot 4 and 2 of Lot 5.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

Survey of Lots 1, 2, 3, 4 and 5, Section 27, T. 7 S., R. 16 W., G. & S. R. M., Arizona

CHAINS



Continuing, on line bet. Lots 4 and 5.

20.04 The NW 1/16 cor. of sec. 27, previously described.

Leave Lots 4 and 5, continue now on S. bdy. of Lot 2.

40.09 The CN 1/16 cor. of sec. 27. Monument previously described.

From angle point 1 of Lot 2, the intersection of the southern R/W line and the N. and S. centerline of sec. 27, monument previously described.

S. $74^{\circ} 57' 30''$ W., along the southern R/W line and the bdy. of Lot 2.

20.76 to angle point 2 of Lot 2 and angle point 1 of Lot 4, monument previously described.

Leave Lot 2, continue measurement, now on bdy. of Lot 4.

38.83 to angle point 2 of Lot 4 and angle point 2 of Lot 5, monument previously described.

Leave Lot 4, continue now on bdy. of Lot 5.

41.54 to angle point 3 of Lot 5, at the intersection of the southern R/W line and the line bet. secs. 27 and 28, monument previously described.

From angle point 3 of Lot 3, at the intersection of the line bet. secs. 27 and 28 and the northern R/W line of the railroad, previously described.

N. $74^{\circ} 57' 30''$ E., on northern R/W line and S. bdy. of Lot 3.

20.78 to angle point 4 of Lot 3 and angle point 3 of Lot 1, on the N. and S. centerline of the NW $\frac{1}{4}$ of sec. 27. Monument previously described.

Leave Lot 3, continue measurement, now on S. bdy. of Lot 1.

41.54 to angle point 4 of Lot 1 on the N. and S. centerline of sec. 27, previously described.

Note: The area of Lot 1, Section 27, T7S R16W is 18.73 acres
 The area of Lot 2, 14.88 acres
 The area of Lot 3, 29.48 acres
 The area of Lot 4, 4.11 acres
 The area of Lot 5, 39.79 acres

Survey of Lots 1, 2, 3 and 4, Section 34, T. 7 S., R. 16 W., G. & S. R. M., Arizona

CHAINS

From the cor. of secs. 26, 27, 34 and 35, which is monumented by an iron post 2 in. diam., set 10 in. below the surface of county road intersection, with brass cap mkd.

T7S R16W

S27	S26
S34	S35
1941	

Cor. is also angle point 1 of Lot 1.

S. 89° 39' 18" W., on line bet. secs. 27 and 34, the N. boundary of Lot 1.

20.16

The E 1/16 cor. of secs. 27 and 34, which falls near S. edge of county roadway, and is monumented with an iron post 1 in. diam., set 8 in. below road way surface, with brass cap mkd.

E 1/16
S27
S34
1950

Cor. is also angle point 2 of Lot 1.

Leave Lot 1, continue measurement.

40.32

The 1/4 cor. of secs. 27 and 34. Monumented with an iron post 1 in. diam., buried 10 in. below surface of county roadway, with brass cap mkd.

1/4
S27
S34
1941

Begin new measurement.

S. 00° 23' 34" W., on N. and S. centerline of sec. 34.

20.04

Point for CN 1/16 cor. of sec. 34. At proportionate distance

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

CN 1/16
S34
1952

Continue measurement.

40.08

The center of the section 1/4 cor. which is monumented with an iron post 1 in. diam., set 8 in. out of ground, with brass cap mkd.

C 1/4
S34
1950

From the C 1/4 cor. of sec. 34.

N. 89° 45' 54" E., on the E. and W. centerline of sec. 34.

20.17

Point for CE 1/16 cor. of sec. 34, which falls on NW bank of Gila River. Cor. is also angle point 3 of Lot 3 and angle point 3 of Lot 4. At proportionate distance.

Survey of Lots 1, 2, 3 and 4, Section 34, T. 7 S., R. 16 W., G. & S. R. M., Arizona

CHAINS

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

CE 1/16
S34
1952

Continue measurement, now on S. bdy. of Lot 3, crossing river bed.

40.34 The $\frac{1}{4}$ cor. of secs. 34 and 35, which is also angle point 4 of Lot 3. Monumented with an iron post, 1 in. diam., 8 in. out of ground, with brass cap mkd.

$\frac{1}{4}$
S34 | S35
1941

Begin new measurement from the $\frac{1}{4}$ cor. of secs. 34 and 35 described above.

N. $00^{\circ} 22' 43''$ E., along line bet. secs. 34 and 35 and on the E. bdy. of Lot 3, in river bed.

20.08 The N 1/16 cor. of secs. 34 and 35, which is angle point 1 of Lot 3 and angle point 3 of Lot 2. Cor. is monumented with an iron post, 1 in. diam., set 8 in. out of ground, with brass cap mkd.

N 1/16
S34 | S35
1950

Leave Lot 3, continue on E. bdy. of Lot 2, still in river bed.

31.07 Point for angle point 1 of Lot 2 and angle point 5 of Lot 1, which falls on the NW bank of the Gila River.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

T7S R16W
S34
AP 5 | S35
L 1
AP 1
L 2
1952

Leave Lot 2, continue of E. bdy. of Lot 1.

40.16 Cor. of secs. 26, 27, 34 and 35 previously described.

From the CN 1/16 cor. of sec. 34, previously described.

N. $89^{\circ} 42' 36''$ E., on the E. and W. centerline of the NE $\frac{1}{4}$ of sec. 34.

20.16 Point for the NE 1/16 cor. of sec. 34, which is also angle points 3 of Lot 1 and 2 of Lot 4. At the intersection with the N. and S. centerline of the NE $\frac{1}{4}$ of sec. 34

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

NE 1/16
S34
1952

Survey of Lots 1, 2, 3 and 4, Section 34, T. 7 S., R. 16 W., G. & S. R. M., Arizona

CHAINS

Continue measurement, now on line bet. Lots 1 and 4, to bank of Gila River.

33.18

Point for angle point 4 of Lot 1, also AP 2 of Lot 2, AP 2 of Lot 3 and AP 1 of Lot 4.

Set iron post, 3 ft. long, 1 in. diam., 8 in. out of ground, with brass cap mkd.

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      T7S R16W
      AP 4 / AP 2
      L 1 / L 2
      -----
    AP 1 / AP 2
    L 4 / L 3
      S34
      1952
  
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Leave Lots 1 and 4, continue on line bet. Lots 2 and 3, crossing river bed.

40.32

The N 1/16 cor. of secs. 34 and 35, previously described.

Begin new measurement: From the E 1/16 cor. of secs. 27 and 34, monument previously described.

S. 00° 23' 09" W., on the N. and S. centerline of the NE $\frac{1}{4}$ of sec. 34 and the W. bdy. of Lot 1.

20.06

The NE 1/16 cor. of sec. 34 and angle points 3 of Lot 1 and 2 of Lot 4 previously set and described.

Continuing measurement, leaving Lot 1, now on W. bdy. of Lot 4.

40.12

The CE 1/16 cor. of sec. 34 and angle points 3 of Lot 4 and 3 of Lot 3, previously set and described.

From the CE 1/16 cor. of sec. 34.

N. 33° 10' 53" E., on line bet. Lots 3 and 4, traversing the NW bank of the Gila River.

24.05

To angle point 2 of Lot 3, AP 1 of Lot 4, AP 4 of Lot 1 and AP 2 of Lot 2, monument previously described.

Leave Lots 3 and 4, continue on line bet. Lots 1 and 2.

37.22

Angle point 5 of Lot 1 and angle point 1 of Lot 2, previously described.

Note: Area of Lot 1, Section 34, T7S R 16 W is 36.54 acres
 Area of Lot 2, 3.92 acres
 Area of Lot 3, 27.41 acres
 Area of Lot 4, 13.06 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 1, 2, 3, 4 and 5 in Section 27, and Lots 1, 2, 3 and 4 in Section 34, Township 7 South, Range 16 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

January 30, 1953

Albin H. Wadin

General Engineer

CERTIFICATE OF APPROVAL

Bureau of Reclamation
Washington, D. C. JUL 17 1953, 19

The foregoing field notes of the survey of Lots 1, 2, 3, 4 and 5 in Section 27, and Lots 1, 2, 3 and 4 in Section 34, Township 7 South, Range 16 West, Gila and Salt River Meridian, Arizona

executed by Albin H. Wadin

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

J. W. Fineweaver
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.