

4432

BOOK 4432

ORIGINAL  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

FIELD NOTES

Of the Supplemental Survey of

the N<sup>1</sup>/<sub>2</sub> of Section 19 and the N<sup>1</sup>/<sub>2</sub> of Section 31

Township 7 South , Range 15 West  
Of the Gila & Salt River 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 October 12 1953

Survey Completed November 6 1953

4432

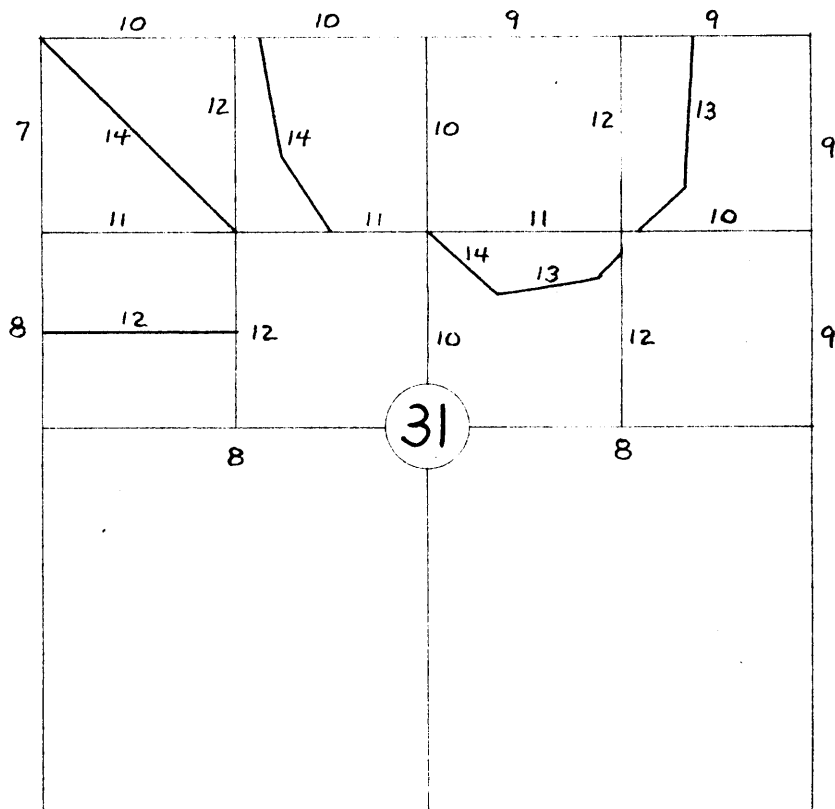
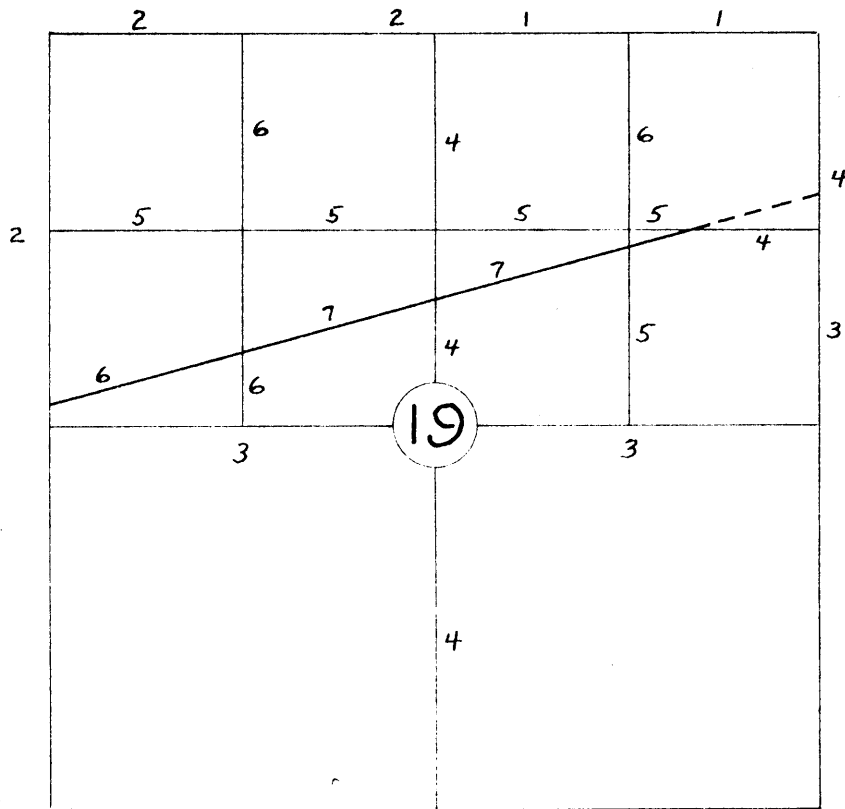


16

TOWNSHIP 7 SOUTH, RANGE 15 WEST  
GILA & SALT RIVER MERIDIAN  
ARIZONA

PAGE INDEX DIAGRAM

BOOK 4482



Supplemental Survey  
of  
Sections 19 and 31  
T.7S., R. 15 W., G. & S. R. M., Arizona

12

BOOK 432

The township and subdivision lines in Township 7 South, Range 15 West, Gila and Salt River Meridian, Arizona were originally surveyed by Theodore F. White in 1877. The plat was approved on July 30, 1877.

The purpose of this survey is to subdivide the N $\frac{1}{2}$  of Section 19 and the N $\frac{1}{2}$  of Section 31 into legal subdivisions and fractional lots to accomodate farm units to be established in connection with the development of the Wellton-Mohawk Division of the Gila Project, Arizona, a Federal Reclamation project. In Section 19 the South line of the Arizona Eastern Railroad right-of-way is designated as the boundary between the newly established lots. These lots are numbered from 5 to 12 inclusive. The original Lot 2 is herein further subdivided into Lots 11 and 12. In Section 31 the N $\frac{1}{2}$  of the Section is subdivided into additional lots numbered from 5 to 14 inclusive. Original Lot 1 is divided into Lots 9 and 10 while original Lot 2 is divided into Lots 11 and 12. The boundary of the lots is the line of the banks of the Gila River as determined by the Bureau of Reclamation by traverse.

Lands in this area have been settled for many years and are being farmed and irrigated by water brought from the Colorado River through canals and laterals constructed by the Bureau of Reclamation Gila Project. In past years, private surveyors have replaced original survey monuments in order to perpetuate the locations with 4 in. by 4 in. redwood posts. These posts, marking the corner locations, have been accepted and recognized by the settlers without controversy. In the course of pre-construction and construction surveys for the canals and laterals in the Wellton-Mohawk Division of the Gila Project, Bureau of Reclamation engineers replaced the redwood posts and other monuments with iron posts and brass caps of accepted standards. The brass caps are inscribed "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 equipped 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.

Survey of Lots 5, 6, 7, 8, 9, 10, 11 and 12, Section 19, T. 7S., R. 15W., G. & S.R. M., Arizona

CHAINS

The south right-of-way line of the Arizona Eastern Railroad is designated as the boundary between the lots.

From the cor. of Secs. 17, 18, 19 and 20, an iron post 2 in. diam., set 4 in. out of ground with brass cap mkd.

T7S R15W  
S18|S17  
S19|S20  
1941

S. 89° 54' 30" W., on line bet. Secs. 18 and 19

20.26

The E 1/16 cor. of Secs. 18 and 19. Monument is an iron post 1 in. diam., set flush with the ground with brass cap mkd.

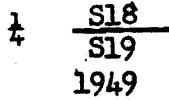
E 1/16  
S18  
S19  
1950

Survey of Lots 5 to 12 inclusive, Section 19, T. 7S., R. 15W., G. & S. R. M., Ariz.

CHAINS.

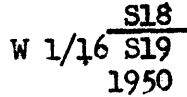
40.52

The  $\frac{1}{4}$  cor. of Secs. 18 and 19, an iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.



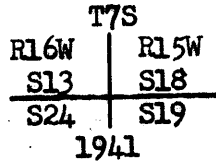
60.78

The W  $\frac{1}{16}$  cor. of Secs. 18 and 19, an iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.



79.47

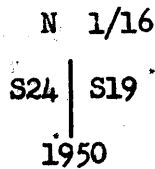
The cor. of Secs. 18 and 19 in T7S R15W and Secs. 13 and 24 in T7S R16W. Monumented with an iron post 2 in. diam., set 12 in. out of ground with brass cap mkd.



Thence, S.  $0^{\circ} 06' 57''$  E., on line bet. R15W and R16W Secs. 19 and 24.

20.09

The N  $\frac{1}{16}$  cor. of Secs. 19 and 24. An iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.



Cor. is also angle point 2 of Lot 11.

Continue measurement now on W. bdy. of Lot 11.

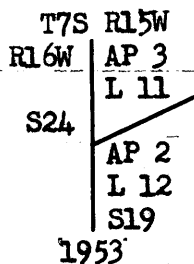
36.43

To centerline of one track Arizona Eastern Railroad.

38.00

Intersect the S. R/W line of A. E. R. R. at angle point 3 of Lot 11 and angle point 2 of Lot 12.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.



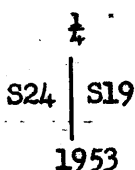
Leave Lot 11 continue measurement on W. line of Lot 12.

39.17

Centerline of concrete lined Mohawk Canal, across center of bridge.

40.18

The  $\frac{1}{4}$  cor. of Secs. 19 and 24 near center of graded road. Also angle point 3 of Lot 12. An iron post 1 in. diam., 6 in. below surface of road with brass cap mkd.



Survey of Lots 5 to 12 inclusive, Section 19, T. 7 S., R. 15W., G. & S. R. M., Ariz.

<p>CHAINS</p>	<p>Thence, S. <math>89^{\circ} 59' 47''</math> E., on E. and W. centerline of Sec. 19 and S. line of Lot 12. Begin new measurement.</p>
<p>0.73</p>	<p>Centerline of the concrete lined M-33.8 Lateral which runs southerly.</p>
<p>18.59</p>	<p>Point for the CW 1/16 cor. of Sec. 19 and angle points 4 of Lot 12 and 3 of Lot 10. At proportionate distance Set iron post 3 ft. long, 1 in. diam., 8 in. out of ground with brass cap mkd</p>
	<p style="text-align: center;">CW 1/16 S19 1953</p>
	<p>Leave Lot 12, continue measurement now on S. line of Lot 10.</p>
<p>38.72</p>	<p>Point for the C <math>\frac{1}{4}</math> cor. of Sec. 19. At intersection with N. and S. centerline of Sec. 19 Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">C <math>\frac{1}{4}</math> S19 1953</p>
	<p>Cor. is also angle point 4 of Lot 10 and angle point 3 of Lot 8.</p>
	<p>Continue measurement on S. line of Lot 8.</p>
<p>58.86</p>	<p>Point for the CE 1/16 cor. of Sec. 19 and angle points 4 of Lot 8 and 4 of Lot 5. At proportionate distance Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">CE 1/16 S19 1953</p>
	<p>Continue on S. line of Lot 5</p>
<p>78.27</p>	<p>Centerline of concrete lined M-32.8 Lateral which ends here.</p>
<p>79.00</p>	<p>The <math>\frac{1}{4}</math> cor. of Secs. 19 and 20 and angle point 5 of Lot 5. An iron post 1 in. diam., set 8 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;"><math>\frac{1}{4}</math> S19   S20 1949</p>
<p>16.82</p>	<p>Thence, N. <math>0^{\circ} 33' 32''</math> E., bet. Secs. 19 and 20 and on the E. bdy. of Lot 5. Begin new measurement.</p>
	<p>Centerline of Mohawk Canal.</p>
<p>20.16</p>	<p>The N 1/16 cor. of Secs. 19 and 20 and angle point 1 of Lot 5. An iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">N 1/16 S19   S20 1950</p>

Survey of Lots 5 to 12 inclusive, Section 19, T. 7 S., R. 15W., G. & S. R. M., Ariz.

23.45 Leave Lot 5 continuing measurement.  
 S. right-of-way line. Arizona Eastern Railroad. Not monumented.  
 CHAINS  
 25.02 Centerline of one track Arizona Eastern Railroad.  
 40.32 Cor. of Secs. 17, 18, 19 and 20 previously described.

-----  
 From the  $\frac{1}{4}$  cor. of Secs. 19 and 30, an iron post 1 in. diam., set 3 in. below surface of county road near center, with brass cap mkd.

$\frac{1}{4}$  S19  
 S30  
 1949

40.15 N.  $0^{\circ}$  12' 44" E., on the N. and S. centerline of Sec. 19  
 The C  $\frac{1}{4}$  cor. of Sec. 19. previously set and described.  
 Continue measurement bet. Lots 8 and 10.

51.14 Centerline of Mohawk Canal

52.73 Intersect the S. R/W line of the Arizona Eastern R. R. at angle points 3 of Lot 7, 2 of Lot 8, 4 of Lot 9 and 1 of Lot 10.  
 Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W  
 AP 4 | AP 3  
 L 9 | L 7  
 -----  
 AP 1 | AP 2  
 L 10 | L 8  
 S19  
 1953

54.30 Leave Lots 8 and 10 continue bet. Lots 7 and 9  
 Centerline of single track Arizona Eastern R. R.

60.27 Point for the CN 1/16 cor. of Sec. 19 and angle points 2 of Lot 7 and 1 of Lot 9. At proportionate distance  
 Set iron post 3 ft. long, 1 in. diam., 10 in. out of ground with brass cap mkd.

CN  
 1/16  
 S19  
 1953

80.39 Leave Lots 7 and 9 continuing measurement  
 The  $\frac{1}{4}$  cor. of Secs. 18 and 19 previously described.

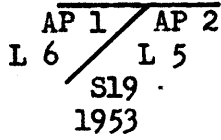
-----  
 From the N 1/16 cor. of Secs. 19 and 20 previously described.

12.27 S.  $89^{\circ}$  57' 21" W., on the E. and W. centerline of the NE $\frac{1}{4}$  of Sec. 19 and the N. line of Lot 5.  
 To intersect the S. R/W line of the A. E. R. R. at angle points 2 of Lot 5 and 1 of Lot 6.

Survey of Lots 5 to 12 inclusive, Section 19, T. 7S., R. 15 W., G. & S. R. M., Ariz.

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

T7S R15W



CHAINS

Leave Lot 5, continue on N. line of Lot 6

18.14

Centerline of single track A. E. R. R.

20.20

Point for the NE 1/16 cor. of Sec. 19 and angle point 2 of Lot 6 and angle point 1 of Lot 7. At intersection with N. and S. centerline of the NE 1/4 of Sec. 19

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

NE 1/16  
S19  
1953

Leave Lot 6 continue on N. line of Lot 7

40.40

The CN 1/16 cor. of Sec. 19 previously set and described.

Leave Lot 7 continue on E. and W. centerline of the NW 1/4 of Sec. 19 and on N. line of Lot 9

60.60

Point for the NW 1/16 cor. of Sec. 19 and angle points 2 of Lot 9 and 1 of Lot 11. At intersection with the N. and S. centerline of the NW 1/4 of Sec. 19

Set an iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

NW  
1/16  
S19  
1953

Continue, now on N. line of Lot 11

79.24

The N 1/16 cor. of Secs. 19, T7S R 15W and 24, T7S R16W previously described.

From the CE 1/16 cor. of Sec. 19 previously set and described.

N. 0° 23' 09" E., on the N. and S. centerline of the NE 1/4 of Sec. 19 and bet. Lots 5 and 8.

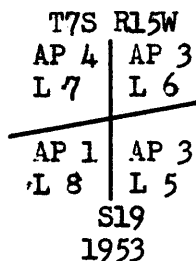
13.90

Centerline of Mohawk Canal.

18.02

Intersect S. R/W line of the A. E. R. R. at angle points 3 of Lot 5, 3 of Lot 6, 4 of Lot 7 and 1 of Lot 8.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.





## Survey of Lots 5 to 12 inclusive, Section 19, T. 7 S., R. 15W., G. &amp; S. R. M., Ariz.

	Leave Lots 5 and 8 continue bet. Lots 6 and 7																
19.58	Centerline of single track A. E. R. R.																
20.14	The NE 1/16 cor. of Sec. 19 previously set and described.																
	Leave Lots 6 and 7 continuing measurement.																
40.28	The E 1/16 cor. of Secs. 18 and 19 previously described.																
-----																	
	From the CW 1/16 cor. of Sec. 19 previously set and described.																
CHAINS	N. 0° 01' 24" E., on the N. and S. centerline of the NW $\frac{1}{4}$ of Sec. 19 and bet. Lots 10 and 12.																
5.99	Centerline of the Mohawk Canal.																
7.17	Intersect S. R/W line of the A. E. R. R. at angle points 3 of Lot 9, 2 of Lot 10, 4 of Lot 11 and 1 of Lot 12.																
	Set iron post 3 ft. long, 1 in. diam., 4 in. out of ground with grass cap mkd.																
	<table border="1"> <tbody> <tr> <td colspan="2">T7S R15W</td> </tr> <tr> <td>AP 4</td> <td>AP 3</td> </tr> <tr> <td>L 11</td> <td>L 9</td> </tr> <tr> <td colspan="2" style="text-align: center;">-----</td> </tr> <tr> <td>AP 1</td> <td>AP 2</td> </tr> <tr> <td>L 12</td> <td>L 10</td> </tr> <tr> <td colspan="2" style="text-align: center;">S19</td> </tr> <tr> <td colspan="2" style="text-align: center;">1953</td> </tr> </tbody> </table>	T7S R15W		AP 4	AP 3	L 11	L 9	-----		AP 1	AP 2	L 12	L 10	S19		1953	
T7S R15W																	
AP 4	AP 3																
L 11	L 9																
-----																	
AP 1	AP 2																
L 12	L 10																
S19																	
1953																	
	Leave Lots 10 and 12 continue bet. Lots 9 and 11.																
8.74	Centerline of single track A. E. R. R.																
20.10	The NW 1/16 cor. of Sec. 19 previously set and described.																
-----																	
	Leave Lots 9 and 11 continuing measurement																
40.21	The W 1/16 cor. of Secs. 18 and 19 previously described																
-----																	
	The following line is a traverse of the south line of the Arizona Eastern Railroad right-of-way which is designated as the boundary between the newly established lots. The full R/W width through this section is 200 feet.																
	From the intersection of the R/W line and the line bet sec. 19, T7S R15W and Sec. 24, T7S R16W which point is angle point 3 of Lot 11 and angle point 2 of Lot 12. Monument set and described previously.																
	N. 74° 58' 46" E., on the S. R/W line and bet. Lots 11 and 12																
19.25	To intersect the N. and S. centerline of the NW $\frac{1}{4}$ of Sec. 19 at monument previously set.																
	Now bet. Lots 9 and 10 continuing measurement																
40.14	To intersect the N. and S. centerline of Sec. 19. Previously described																
	Continue, bet. Lots 7 and 8.																

EDUCATION

Survey of Lots 5 to 12 inclusive, Section 19, T.7S., R. 15W., G. & S. R. M., Ariz.

- 61.07 Intersect N. and S. centerline of the NE $\frac{1}{4}$  of Sec. 19 at monument previously set and described.  
Continue, bet. Lots 5 and 6.
- 69.29 To intersect the E. and W. centerline of the NE $\frac{1}{4}$  of Sec. 19 at angle point 2 of Lot 5 and angle point 1 of Lot 6. Monument previously set and described.  
Leave Lots 5 and 6, continue measurement.
- 82.03 Intersection with line bet. secs. 19 and 20 at point which is 3.29 chains N. 0° 33' 32" E. from the N 1/16 cor. of Secs. 19 and 20.  
Note: The area of the Lots is as follows:  

Lot 5	39.80 acres	Lot 9	20.66 acres
Lot 6	0.85 acres	Lot 10	19.91 acres
Lot 7	9.75 acres	Lot 11	28.71 acres
Lot 8	30.86 acres	Lot 12	8.70 acres

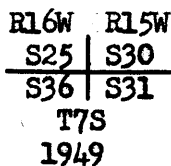
Survey of Lots 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14, Section 31, T.7S., R. 15W G. & S. R. M., Arizona

The original Lot 1 of Section 31 is herein further subdivided into Lots 9 and 10, the left bank of the Gila River being the boundary between Lots 9 and 10 as determined in this survey. Original Lot 2 of Section 31 is also subdivided into two new lots numbered 11 and 12. The boundary between Lots 5 and 6, 7 and 8, 13 and 14, is a line determined by the Bureau of Reclamation as being the limit of the irrigable land adjacent to and north of the indefinite Gila River channel.

CHAINS

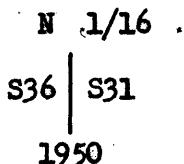
From the cor. of Sec. 30 and 31, T. 7S., R. 15W., and Secs. 25 and 36, T.7S., R. 16W., which is also angle point 2 of Lot 9 and angle point 2 of Lot 10, falling approximately two chains west of the river bank.

An iron post 2 in. diam., set 8 in. out of ground with brass cap mkd.



S. 0° 06' 03" E., on line bet. Secs. 31 and 36 and on the W. bdy. of Lot 10

- 20.09 The N 1/16 cor. of Secs. 31 and 36 of T7S., R. 15W and T.7S., R. 16W., respectively and angle point 3 of Lot 10 and angle point 2 of Lot 11. An iron post 1 in. diam., set 8 in. out of ground with brass cap mkd.



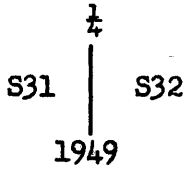
Leave Lot 10 continue on W. line of Lot 11.

- 30.14 Point for the SW 1/64 cor. of Secs. 31 and 36 and angle point 3 of Lot 11 and 2 of Lot 12. At proportionate distance  
Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

## Survey of Lots 5 to 14 inclusive, Section 31, T. 7S., R. 15W., G. &amp; S. R. M., Ariz.

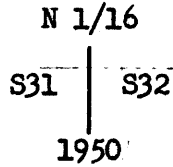
	<p style="text-align: center;">SN 1/64 S36   S31 1953</p> <p>Continue measurement on W. bdy. of Lot 12.</p>
40.19	<p>The <math>\frac{1}{4}</math> cor. of Secs. 31 and 36 and angle point 3 of Lot 12. Monument is an iron post, 1 in. diam., set 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;"><math>\frac{1}{4}</math> S36   S31 1950</p> <p>Thence, N. <math>89^{\circ} 54' 45''</math> E., on E. and W. centerline of Sec. 31 and on S. line of Lot 12, beginning new measurement.</p>
18.54	<p>To point for CW 1/16 cor. of Sec. 31 and angle point 4 of Lot 12. At proportionate distance</p> <p>Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">CW 1/16 S31 1953</p> <p>Leave Lot 12 continuing measurement.</p>
33.69	<p>Apparent left bank of river bearing NW.</p>
38.50	<p>The C <math>\frac{1}{4}</math> cor. of Sec. 31 which falls near center of river channel. Monumented by an iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">C <math>\frac{1}{4}</math> S31 1950</p> <p>Cor. is also angle point 5 of Lot 14.</p> <p>Continue measurement now on S. line of Lot 14.</p>
41.98	<p>Indistinct right bank of river, bearing NW.</p>
56.68	<p>Right bank of river, bearing SW.</p>
58.45	<p>Point for the CE 1/16 cor. of Sec. 31, and angle point 6 of Lot 14, falling near center of river bed. At proportionate distance</p> <p>Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.</p>
	<p style="text-align: center;">CE 1/16 S31 1953</p> <p>Leave Lot 14 continuing measurement.</p>
63.75	<p>Indistinct left bank of river bearing SW</p>
78.40	<p>The <math>\frac{1}{4}</math> cor. of Secs. 31 and 32. An iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.</p>

Survey of Lots 5 to 14 inclusive, Section 31, T.7S., R. 15W., G. & S.R.M., Ariz.



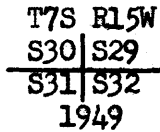
Thence, N. 1° 26' 21" W., bet. Secs. 31 and 32.

20.06 To the N 1/16 cor. of Secs. 31 and 32 which is also angle point 6 of Lot 5. An iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.



21.06 Left bank of river which bears W.

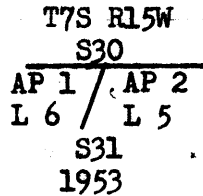
40.12 The cor. of Secs. 29, 30, 31 and 32, also angle point 1 of Lot 5. Monument is an iron post 2 in. diam., set flush with ground with brass cap mkd.



CHAINS Thence, S. 89° 57' 32" W., bet. Secs. 30 and 31 and on N. line of Lot 5.

6.97 Right bank of river bearing SSW.

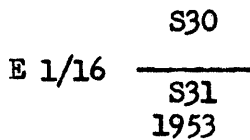
11.39 Angle point 2 of Lot 5 and angle point 1 of Lot 6. Set iron post 3 ft. long, 1 in. diam., 8 in. out of ground with brass cap mkd.



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

19.72 Point for the E 1/16 cor. of Secs. 30 and 31, and angle point 2 of Lot 6. At proportionate distance.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.



Leave Lot 6 continue bet. Secs. 30 and 31.

39.44 The  $\frac{1}{4}$  cor. of Secs. 30 and 31. Corner is also angle point 1 of Lot 7. Monument is an iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.

## Survey of Lots 5 to 14 inclusive, Section 31, T.7S., R. 15W., G. &amp; S. R. M., Ariz.

$\frac{1}{4}$  S30  
S31  
1949

Continue measurement now on N. line of Lot 7.

56.13 To angle point 2 of Lot 7 and angle point 1 of Lot 8.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W  
S30  
AP 1 / AP 2  
L 8 / L 7  
S31  
1953

Leave Lot 7 continue on N. line of Lot 8

59.16 The W 1/16 cor. of Secs. 30 and 31. Also angle points 2 of Lot 8 and 1 of Lot 9. An iron post 1 in. diam., set 6 in. out of ground with brass cap mkd.

W 1/16  
S30  
S31  
1950

Continue on N. line of Lot 9.

69.77 To right bank of river which bears NW.

75.19 To left bank of river.

77.46 The cor. of Secs. 30 and 31 in T7S R15W, and Secs. 25 and 36 in T7S., R. 16W. Monument previously described.

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From the  $\frac{1}{4}$  cor. of Sec. 31, previously described.

CHAINS N.  $0^{\circ} 46' 20''$  W., on N. and S. centerline of Sec. 31 and on the W. line of Lot 14.

2.73 Indistinct right bank of river bearing NW.

20.08 To point for the CN 1/16 cor. of Sec. 31 and angle points 5 of Lot 7, 2 of Lot 13 and 4 of Lot 14. At proportionate distance

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

CN  
1/16  
S31  
1953

Leave Lots 13 and 14 continuing on E. line of Lot 7.

40.16 The  $\frac{1}{4}$  cor. of Secs. 30 and 31 previously described.

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From the N 1/16 cor. of Secs. 31 and 32 previously described.

S.  $89^{\circ} 56' 09''$  W., on the E. and W. centerline of the NE  $\frac{1}{4}$  of Sec. 31, and on the S. line of Lot 5.

## Survey of Lots 5 to 14 inclusive, Section 31, T.7S., R. 15W., G.&amp;S.R.M., Ariz.

6.97	Indistinct left bank of river turning S.
16.67	Right bank of river, bearing S.
17.64	Angle point 5 of Lot 5 and AP4 of Lot 6.  Set iron post 3 ft. long, 1 in. diam., set 6 in. out of ground with brass cap mkd.  $\begin{array}{r} \text{T7S R15W} \\ \text{AP 4 / AP 5} \\ \hline \text{L 6 / L 5} \\ \hline \text{S31} \\ 1953 \end{array}$
	Leave Lot 5 continue on S. line of Lot 6.
19.84	Point for the NE 1/16 cor. of Sec. 31 and angle point 3 of Lot 6 and 1 of Lot 13. At intersection with N. and S. centerline of the NE 1/4 of Sec. 31  Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.  $\begin{array}{r} \text{NE} \\ 1/16 \\ \hline \text{S31} \\ 1953 \end{array}$
	Continue measurement on N. line of Lot 13.
39.68	The CN 1/16 cor. of Sec. 31 previously described.  Continue now on S. line of Lot 7, and E-W centerline of the NW 1/4 of Sec. 31.
48.91	Angle point 4 of Lot 7 and angle point 4 of Lot 8.  Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.  $\begin{array}{r} \text{T7S R15W} \\ \text{AP 4 / AP 4} \\ \hline \text{L 8 / L 7} \\ \hline \text{S31} \\ 1953 \end{array}$
	Leave Lot 7 continue on S. line of Lot 8
54.82	Right bank of river bearing NW.
CHAINS	
59.52	Point for the NW 1/16 cor. of Sec. 31, and angle points 3 of Lot 8, 3 of Lot 9, 1 of Lot 10 and 1 of Lot 11, on very indistinct left bank of river.  At intersection with the N. and S. centerline of the NW 1/4 of Sec. 31 set iron post 3 ft. long, 1 in. diam., 8 in. out of ground with brass cap mkd.  $\begin{array}{r} \text{NW} \\ 1/16 \\ \hline \text{S31} \\ 1953 \end{array}$
	Leave Lots 8 and 9 continuing bet. Lots 10 and 11.
77.94	The N 1/16 cor. of Secs. 31 and 36 of T7S R15W and R16W respectively. Monument previously described

## Survey of Lots 5 or 14 inclusive, Section 31, T.7S., R. 15 W., G. &amp; S.R.M., Ariz.

	<p>From the CW 1/16 cor. of Sec. 31 previously described.</p> <p>N. <math>0^{\circ} 26' 06''</math> W., on the N. and S. centerline of the NW<math>\frac{1}{4}</math> of Sec. 31 and the E. line of Lot 12.</p>
10.04	<p>Point for the CSNW 1/64 cor. of Sec. 31 which is also angle points 1 of Lot 12 and 4 of Lot 11. At proportionate distance</p> <p>Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd</p> <p style="text-align: center;">CSNW 1/64 S31 1953</p>
	<p>Leave Lot 12 continue on E. line of Lot 11</p>
20.08	<p>The NW 1/16 cor. of Sec. 31 on left bank of river, previously described.</p> <p>Leave Lot 11 continue bet. Lots 8 and 9.</p>
26.60	<p>Indistinct right bank of river which bears NW.</p>
40.16	<p>The W 1/16 cor. of Secs. 30 and 31 previously described.</p> <hr/> <p>From the CE 1/16 cor. of Sec. 31. Monument previously described.</p> <p>N. <math>0^{\circ} 06' 20''</math> W., on the N. and S. centerline of the NE<math>\frac{1}{4}</math> of Sec. 31 and on the E. line of Lot 14.</p>
12.12	<p>To the indistinct right bank of the river.</p> <p>Continue measurement.</p>
16.89	<p>Point for angle point 1 of Lot 14 and 5 of Lot 13.</p> <p>Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.</p> <p style="text-align: center;">T7S R15W AP 5 L 13 AP 1 L 14 S31. 1953</p>
	<p>Leave Lot 14 continue on E. line of Lot 13.</p>
20.07	<p>The NE 1/16 cor. of Sec. 31 previously set and described.</p>
CHAINS	<p>Leave Lot 13 continue on W. line of Lot 6.</p>
40.14	<p>The E 1/16 cor. of Secs. 30 and 31 previously described.</p> <hr/> <p>From the CSNW 1/64 cor. of Sec. 31 previously described.</p> <p>S. <math>89^{\circ} 55' 27''</math> W., bet. Lots 11 and 12.</p>
18.48	<p>To the SN 1/64 cor of Secs. 31 and 36 previously described.</p> <hr/> <p>The following lines have been determined by the Bureau of Reclamation as the boundaries between adjacent lots at the limit of the</p>

## Survey of Lots 5 of 14, inclusive, Section 31, T.7S., R. 15W., G. &amp; S. R. M., Ariz.

irrigable lands adjacent to the river bed, and which will be the boundary of a farm unit. The line does not follow the bank of the river in all places. The river bank being very indistinct in most places.

From the monument set at angle point 2 of Lot 5 and angle point 1 of Lot 6 on the line bet. Secs. 30 and 31, which point is S.  $89^{\circ} 57'$   $32''$  W. of and 11.39 chains distant from the cor. of Secs. 29, 30, 31 and 32.

S.  $1^{\circ} 30'$  W., on bdy. bet. Lots 5 and 6.

6.74

To angle points 3 of Lot 5 and 6 of Lot 6.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W

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AP 6 | AP 3
L 6  /  L 5

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S31  
1953

Thence, S.  $5^{\circ} 43'$  W., beginning new measurement

9.12

To angle points 4 of Lot 5 and 5 of Lot 6 on right bank of river.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W

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AP 5 | AP 4
L 6  /  L 5

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S31  
1953

Thence, S.  $47^{\circ} 37'$  W., begin new measurement.

6.31

To monument set previously at intersection with E. and W. centerline of the NE $\frac{1}{4}$  of Sec. 31. Point is angle point 5 of Lot 5 and angle point 4 of Lot 6. Previously described.

End of bdy. bet. Lots 5 and 6.

From point on the N. and S. centerline of the NE $\frac{1}{4}$  of Sec. 31, previously set and described as angle points 5 of Lot 13 and 1 of Lot 14 beginning of bdy. bet. Lots 13 and 14.

S.  $49^{\circ} 57'$  W., bet. Lots 13 and 14 beginning new measurement.

3.03

To angle points 4 of Lot 13 and 2 of Lot 14.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

CHAINS

T7S R15W  
AP 4 /  
L 13 / AP 2  
L 14  
S31  
1953

Thence, S.  $80^{\circ} 57'$  W., beginning new measurement.

9.82

To angle points 3 of Lot 13 and 3 of Lot 14.



## Survey of Lots 5 to 14 inclusive, Section 31, T.7S., R. 15W., G. &amp; S.R.M., Ariz.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W  
AP 3  
L 13

AP 3  
L 14  
S31  
1953

Thence, N.  $49^{\circ} 50'$  W., beginning new measurement

10.32

To the CN 1/16 cor. of Sec. 31 which is also angle points 2 of Lot 13 and 4 of Lot 14 and endy of bdy. bet. Lots 13 and 14. Monument Previously set and described.

From monument set and described previously as angle point 4 of Lot 7 and angle point 4 of Lot 8 on the E. and W. centerline of the NW $\frac{1}{4}$  of Sec. 31

N.  $29^{\circ} 51' 30''$  W., bet. Lots 7 and 8

10.38

To angle points 3 of Lot 7 and 5 of Lot 8.

Set iron post 3 ft. long, 1 in. diam., 6 in. out of ground with brass cap mkd.

T7S R15W

AP 5 \ AP 3  
L 8 \ L 7

S31  
1953

Thence, N.  $13^{\circ} 03'$  W., beginning new measurement

11.36

To angle points 2 of Lot 7 and 1 of Lot 8 on line bet. Secs. 30 and 31, monument previously set and described. End of bdy. bet. Lots 7 and 8.

From the NW 1/16 cor. of Sec. 31 which is also angle points 3 of Lot 8, 3 of Lot 9, 1 of Lot 10 and 1 of Lot 11 on indistinct left bank of river, monument previously set and described.

N.  $42^{\circ} 33'$  W., bet. Lots 9 and 10 along left bank of river,

27.26

To cor. of Secs. 30 and 31, T7S R15W and Secs. 25 and 36, T7S, R16W and angle points 2 of Lot 9 and 2 of Lot 10, previously described. End of bdy. bet. Lots 9 and 10.

Note: The area of the Lots is as follows:

Lot 5	25.44 acres	Lot 10	18.50 acres
Lot 6	14.24 acres	Lot 11	18.53 acres
Lot 7	27.72 acres	Lot 12	18.58 acres
Lot 8	11.99 acres	Lot 13	9.30 acres
Lot 9	18.38 acres	Lot 14	30.63 acres

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BOOK 4132

### 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 the N $\frac{1}{2}$  of Section 19 and the N $\frac{1}{2}$  of Section 31, Township 7 South, Range 15 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  
November 30, 1954

Albin H. Wadin  
Albin H. Wadin  
General Engineer, U.S.B.R.

### CERTIFICATE OF APPROVAL

Bureau of Reclamation  
Washington, D. C. MAR 17 1955, 19

The foregoing field notes of the survey of the N $\frac{1}{2}$  of Section 19 and the N $\frac{1}{2}$  of Section 31, Township 7 South, Range 15 West, Gila and Salt River Meridian, Arizona

executed by Albin H. Wadin

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

E. G. Nielsen  
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.