

Book "A" - Subdivisions  
Ordered filed G.L.O. letter "E" May 6-1913.  
4-679

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BOOK 2388

# FIELD NOTES

MAR 13 1913

OF THE SURVEY OF THE

Subdivision of

T. 1 N., R. 4 E.,

Sections 1 and 12,

Of the Gila and Salt River Principal Meridian,

In the State of Arizona,

EXECUTED BY

Robert A. Farmer,

Topographer,

In the capacity of U. S. Surveyor, under instructions dated October 11-, 1910.,

issued by the ~~United States Surveyor General to govern surveys included in~~

~~Group No. , which were approved by the Commissioner of the General Land~~

to A. F. Dunnington, Topographer in Charge.

Office, ~~1911~~, pursuant to authority contained in the Act of

~~Congress dated , 1911.~~

Survey commenced December 9th-, 1910.

Survey completed December 10th-, 1910.

1A 100

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# INDEX DIAGRAM.

Township 1 N., Range 4 E.

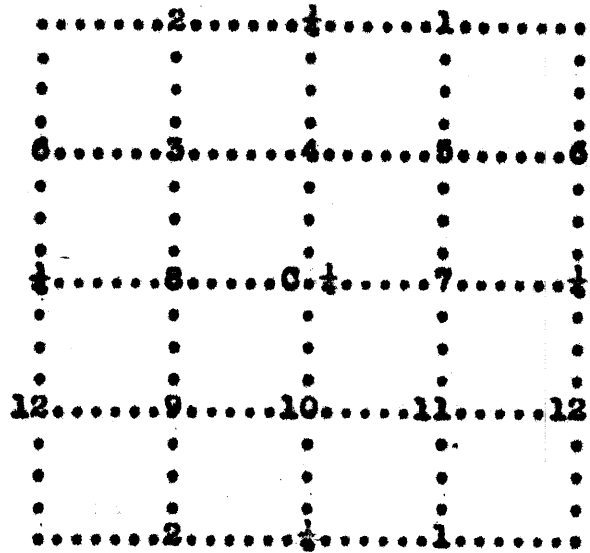
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Handwritten annotations on the right side of the table:

- Row 1: A bracket groups columns 2, 3, 4, and 5. To the right of column 1, the numbers 2, 1, 8, 7, 6, 5 are written vertically. The numbers 2 and 1 are crossed out.
- Row 2: A bracket groups columns 4, 5, and 6. To the right of column 6, the numbers 16, 14, 13, 12, 11, 10 are written vertically. The numbers 12, 11, and 10 are crossed out.

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Diagram of a section, illustrating the numbering system of the 1/16 section corners.



## Chains

December 9, 1910, survey commenced by Robert A. Farmer, Topographer and U. S. Surveyor, and executed with Young & Sons' transit No. 8300. The horizontal limb is provided with two double verniers placed opposite each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

This instrument was examined and tested on the meridian established at my camp in sec. 32, T. 2 N., R. 5 E., December 5, 1910, and found to be correct. For notes of Polaris observation, see Book "A," - Exterior lines. - The NE. cor. of this tp. is in Lat.  $22^{\circ} 27' 55''$  N., Long.  $111^{\circ} 53' 24''$  W.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diam., and are set 26 ins. in the ground. The posts are pointed and driven, are filled with cement, and are fitted with brass caps. The posts which are 3 ins. in diam. are flanged at the bottom ends.

December 9, 1910, at the cor. of Tps. 1 and 2 N., Rgs. 4 and 5 E., previously described, at 8h., a.m., 1. m.t., I set off  $33^{\circ} 28'$  N. on the lat. arc,  $22^{\circ} 43'$  S. on the decl. arc, and determine a meridian with the solar.

Thence I run

West on a random line

Along the boundary of Salt River Indian Reservation, between secs. 1 and 36.

20.00 Set temp.  $1/16$  sec. cor.

39.96 Fall 11 lks. N. of  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 36, which is a stone loosely set in the ground, mkd.  $\frac{1}{4}$  on N. face. Stone is in middle of road, and fence line from the N. shows that it has been the accepted  $\frac{1}{4}$  sec. cor. for years. I therefore accept this stone as being at point for  $\frac{1}{4}$  sec. cor.

Returning to the cor. of Tps. 1 and 2 N., Rgs. 4 and 5 E.,

Thence I run

S.  $89^{\circ} 50'$  W. on a true line

## Chains

Along the Reservation boundary,

Bet. secs. 1 and 36, E $\frac{1}{2}$ .

In road which has been laid out, but is full of brush.

19.98 Set an iron post for 1/16 sec. cor. No. 1 on the N. bdy. of sec. 1, E $\frac{1}{2}$ , with brass cap stamped

No 1 in N.

1/16 S 1 S R I R 1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

33.00 Drain, course SW.

39.96 The  $\frac{1}{2}$  sec. cor. bet. secs. 1 and 36, S. of and alongside which I set an iron post for W. C., with brass cap stamped

$\frac{1}{2}$  S 36 in N, half

S 1 W C 1910 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Thence I run

West on a random line

Along the Reservation boundary,

Between secs. 1 and 36, W $\frac{1}{2}$ .

20.00 Set temp. 1/16 sec. cor.

38.62 Fall 11 lks. N. of the cor. of secs. 1, 2, 35 and 36, which is a granite stone 12x10x4 ins, above ground, firmly set. I am unable to find any marks cut on it. A resident nearby tells me that the cor. has been here to his certain knowledge for 18 years. I therefore accept this stone as being at point for cor. of secs. 1, 2, 35 and 36.

Returning to the  $\frac{1}{2}$  sec. cor. bet. secs. 1 and 36,

Thence I run

S. 89° 50' W. on a true line

Along the Reservation boundary,

Bet. secs. 1 and 36, W $\frac{1}{2}$ ,

In brushy road.

19.31 Set an iron post for 1/16 sec. cor. No. 2 on the N. bdy. of sec. 1, W $\frac{1}{2}$ , with brass cap stamped

No 2 in N.

1/16 S 1 S R I R 1910 in S.

## Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.

38.62 The cor. of secs. 1, 2, 35 and 36, N. of and alongside which I set an iron post 1 inch in diam., for W. C., with brass cap stamped

T 2 N S 36 in NE. quadrant  
 R 4 E S 1 " SE. "  
 T 1 N S 2 " SW. "  
           S 35 " NW. "  
 W C 191P " S.  
 1 notch on the E. and 5 on the W. edge.

From which -

West face of fence-post cor. brs. N.  $45^{\circ} 57'$  E., 52 lks. dist., not marked.  
 Mesquite, 28 ins. in diam., brs. S.  $30^{\circ} 27'$  E., 34 lks. dist., mkd. T 1 N R 4 E S 1 B T  
 Cottonwood, 20 ins. in diam., brs. S.  $45^{\circ} 10'$  W., 80 lks. dist., mkd. T 1 N R 4 E S 2 B T  
 Mesquite, 10 ins. in diam., brs. N.  $28^{\circ} 46'$  W., 130 lks. dist., mkd. T 2 N R 4 E S 35 B T

Land, flat, and covered with mesquite.  
 Soil, 2nd rate.

From this cor., the bearing of S.  $0^{\circ} 31'$  E., as given in original notes for the line bet. secs. 1 and 2, gives a line at variance with a public road, which bears S.  $1^{\circ} 20'$  W. from this cor.

This road is reported to have been established on the section original line.

Therefore, I run

S.  $1^{\circ} 20'$  W. on a random line  
 Along the Reservation boundary,  
 Bet. secs. 1 and 2.

20.00 Set temp.  $1/16$  sec. cor.

40.00 After diligent search, no signs of  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2 are found. Set temp. cor.

60.00 Set temp.  $1/16$  sec. cor.

80.00 Intersect the cor. of secs. 1, 2, 11 and 12, which is a stone 4x4x2 ins. above ground, firmly set. I am unable to find any marks upon it. A stake 4 ins. in diam. is set W. of and alongside stone. I accept stone as being at the point for cor. of secs. 1, 2, 11 and 12.

Chains

Returning to the cor. of secs. 1, 2, 35 and 36,

Thence I run

S. 1° 20' W. on a true line

Along the reservation boundary,

Between secs. 1 and 2,

In middle of road.

20.00 Set an iron post for 1/16 sec. cor. No. 6 ~~mark~~ on the W. bdy. of sec. 1, 8 1/2, with brass cap stamped

No 6 1/16 S 1 S R I R in E.  
1910 in S.

From which -

Mesquite, 8 ins. in diam., brs. N. 73° 10' E., 162 lks. dist., mkd. 1/16 S 1 B T

No other B.T. available.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

40.00 Set an iron post for 1/4 sec. cor. on the W. bdy. of sec. 1, with brass cap stamped

1/4 S 1 S R I R in E.  
1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12 on the W. bdy. of sec. 1, 8 1/2, with brass cap stamped

No 12 1/16 S 1 S R I R in E.  
1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

61.00 Enter alkali flat.

63.80 Road brs. E. and W.

80.00 The cor. of secs. 1, 2, 11 and 12, N. of and alongside which I set an iron post for W. C., with brass cap stamped

T 1 N S 1 in NE. quadrant  
R 4 E S 12 " SE. "  
S 11 " SW. "  
S 2 " NW. "  
W C 1910 " S.  
1 notch on the E. and 5 on the S. edge.

From which -

Fence cor. post, brs. S. 44° 35' W., 71 lks. dist.  
Not marked.

## Chains

Mesquite, 6 ins. in diam., brs. N. 53° 30' E., 89  
lks. dist., mkd. T 1 N R 4 E S 1 B T

No other trees or permanent objects within limits.

Land, 61 acs., flat and sandy, 2nd rate.

19 acs., alkali flat, 3rd rate.

Scattered trees.

N. 89° 50' E. on a random line bet. secs. 1 and 12.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor. No trace of old cor.

60.00 Set temp. 1/16 sec. cor.

79.92 Fall 2 lks. N. of cor. of secs. 1, 6, 7 and 12, on the E.

bdy. of the tp., previously described.

Thence I run

S. 89° 51' W. on a true line

bet. secs. 1 and 12

Over flat land,

Through brush.

18.75 Road brs. NE. and SW.

19.98 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 1

and 12,  $\frac{1}{2}$ , with brass cap stamped

No 1 1/16 S 1 in N.  
S 12 1910 " S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

36.50 Road brs. NE. and SW.

39.96 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 12,

with brass cap stamped

1/4 S 12 in N.  
S 1 1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

59.94 Set an iron post for 1/16 sec. cor. No. 2 bet. secs. 1

and 12,  $\frac{1}{2}$ , with brass cap stamped

No 2 1/16 S 12 in N.  
S 1 1910 " S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

66.30 Road brs. NW. and SE.

76.50 Drain, course SW.



Chains

76.60 same drain, course NW. Enter alkali flat, brs. N. and S.  
 79.92 The cor. of secs. 1, 2, 11 and 12.  
 This line closely agrees in bearing and measurement with original survey.  
 Land, flat and alkaline.  
 Brush, sage and mesquite.  
 Soil, 2nd rate.

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From the 1/16 sec. cor. No. 12 on the W. bdy. of sec. 1, S  $\frac{1}{2}$ , I run  
 N. 89° 51' E. on a random line through the S  $\frac{1}{4}$  of sec. 1.  
 20.00 Set temp. 1/16 sec. cor. No. 9.  
 40.00 Set temp. 1/16 sec. cor. No. 10.  
 60.00 get temp. 1/16 sec. cor. No. 11.  
 79.58 Fall 6 lks. S. of the 1/16 sec. cor. No. 12 bet. secs. 1 and 6, S  $\frac{1}{2}$ , previously described.  
 Thence I run  
 S. 89° 48' W. on a true line  
 Through the S.  $\frac{1}{4}$  of sec. 1  
 Over flat land,  
 Through mesquite and sage brush.  
 0.30 Middle of road, brs. N. and S.  
 19.60 Road brs. NE. and SW.  
 19.98 Set an iron post for 1/16sec. cor. No. 11 in the center of the SE.  $\frac{1}{4}$  of sec. 1, with brass cap stamped  
     No 11 in N.  
     1/16 S 1 in center  
     1912 in S.  
 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.  
 30.50 Road brs. NW. and SE.  
 39.96 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE. and SW.  $\frac{1}{4}$ s of sec. 1, with brass cap stamped  
     No 10 in N.  
     1/16 S 1 in center  
     1910 in S.  
 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.  
 55.54 Road brs. NE. and SW.

## Chains

59.77 Set an iron post for 1/16 sec. cor. No. 9 in the center of the SW.  $\frac{1}{4}$  of sec. 1, with brass cap stamped

No 9 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

63.44 Drain, course SE.

75.60 Road hrs. NW. and SE.

79.58 The 1/16 sec. cor. No. 12 on the W. bdy. of sec. 1, S $\frac{1}{2}$ .

Land, flat and brushy.  
Soil, alkaline, 3rd rate.

From the  $\frac{1}{4}$  sec. cor. on the W. bdy. of sec. 1, I run N. 89° 51' E. on a random line  
Through the middle of sec. 1.

20.00 Set temp. 1/16 sec. cor. No. 8.

40.00 Set temp. C.  $\frac{1}{4}$  sec. cor.

60.00 Set temp. 1/16 sec. cor. No. 7

79.18 Intersect the  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 6, on the E. bdy. of the tp., previously described.

Thence I run

S. 89° 51' W. on a true line

Through the middle of sec. 1

Over flat land,

Through sage brush and mesquite bushes, and scattered timber.

0.20 Middle of road hrs. N. and S.

14.50 Road hrs. NE. and SW.

19.98 set an iron post for 1/16 sec. cor. No. 7 bet. the NE. and SE.  $\frac{1}{4}$ s of sec. 1, with brass cap stamped

No 7 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

39.96 Set an iron post for C.  $\frac{1}{4}$  sec. cor. of sec. 1, with brass cap stamped

C  $\frac{1}{4}$  S 1 in center  
1910 in S.

## Chains

From which -

Mesquite, 8 ins. in diam., brs. S. 87° 15' W., 54 lks.  
dist., mkd. C  $\frac{1}{4}$  S 1 B T

Mesquite, 10 ins. in diam., brs. S. 34° E., 47 lks. dist.,  
mkd. C  $\frac{1}{4}$  S 1 B T

Mesquite, 6 ins. in diam., brs. N. 22° 30' W., 60 lks.  
dist., mkd. C  $\frac{1}{4}$  S 1 B T

40.30 Road brs. NW. and SE.

41.10 Gulch, course SW.

51.20 Road brs. NE. and SW.

59.37 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW.  
and SW.  $\frac{1}{4}$ s of sec. 1, with brass cap stamped

No 8 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

79.00 Middle of road, brs. N. 1° 20' E. and S. 1° 20' W.

79.18 The  $\frac{1}{4}$  sec. cor. on the W. bdy. of sec. 1

Land, flat and brushy.  
Soil, sandy, 2nd rate.

December 9, 1910, at this cor., I set off 22° 47' S. on  
the decl. arc, and at 11h. 52m. 11s., a.m., l.m.t., ob-  
serve the sun on the meridian; the resulting latitude  
is 33° 27' N., which is within 1' of the correct lati-  
tude.

From the 1/16 sec. cor. No. 6 on the W. bdy. of sec. 1,

N $\frac{1}{2}$ , I run

N. 89° 51' E. on a random line

Through the N.  $\frac{1}{4}$  of sec. 1.

20.00 get temp. 1/16 sec. cor. No. 3.

40.00 Set temp. 1/16 sec. cor. No. 4.

60.00 Set temp. 1/16 sec. cor. No. 5.

78.82 Fall 6 lks. S. of the 1/16 sec. cor. No. 6,  
N.  $\frac{1}{4}$ , bet. secs. 1 and  
6, on the E. bdy. of the tp., previously described;

Thence I run

S. 89° 48' W. on a true line

Through the N.  $\frac{1}{4}$  of sec. 1

Over flat land,

Through brush.

0.10 Middle of road, brs. N. and S.

## Chains

19.98 get an iron post for 1/16 sec. cor. No. 5 in the center of the NE.  $\frac{1}{4}$  of sec. 1, with brass cap stamped

No 5 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

27.00 Road brs. NE. and SW.

36.45 Gulch, course SW.

39.96 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and NW.  $\frac{1}{4}$ s of sec. 1, with brass cap stamped

No 4 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

56.80 Road brs. NW. and SE.

59.39 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW.  $\frac{1}{4}$  of sec. 1, with brass cap stamped

No 3 in N.  
1/16 S 1 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

78.75 Middle of road, brs. N.  $1^{\circ} 20'$  E. and S.  $1^{\circ} 20'$  W.

78.82 The 1/16 sec. cor. No. 6 on the W. bdy. of sec. 1, N $\frac{1}{2}$ .  
The soil in the N.  $\frac{1}{4}$  of sec. 1 is good, sandy loam, and would be classed as 2nd rate. But the S.  $\frac{1}{4}$  is in the Salt River bottom, and is too alkaline to be cultivated. Mesquite and sage brush are abundant over the entire section.

- December 9, 1910.

December 10, 1910, at 8h., a.m., l.m.t., I set off  $22^{\circ} 49'$  S. on the declination arc,  $33^{\circ} 27'$  N. on the latitude arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 11 and 12, hereinbefore described.

Thence I run, along the Reservation boundary, S.  $1^{\circ} 20'$  W. on a random line bet. secs. 11 and 12, which bearing is a continuance of the bearing bet. secs. 1 and 2

Chains

In middle of road, reported to be the original section line.

20.00 get temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

Find no trace of original 1/4 sec. cor. bet. secs. 11 and 12, but find stake set last year by surveyors who brought up a line from a point 2 miles S.

60.00 Set temp. 1/16 sec. cor.

80.00 Find no trace of original cor. of secs. 11, 12, 13 and 14, but find stake set by former surveyors at 80.00 chs. from cor. 1 mile S., which bears 3 lks. E. and 3 lks. S. from my 80.00 chs. point.

Being unable to find point for original cor., at my 80 chs. point, I set an iron post 3 ins. in diam. for SW. cor. of sec. 12, with brass cap stamped

T 1 N R 4 E S 12 S R I R in NE.  
1910 in S.

From which -

Willow, 8 ins. in diam., brs. N. 33° E., 38 lks. dist., mkd. T 1 N R 4 E S 12 S R I R B T  
Cottonwood, 6 ins. in diam., brs. N. 50° 15' W., 97 lks. dist., mkd. S R I R B T

Thence I run

N. 1° 20' E. on a true line

Along the Reservation boundary,

Between secs. 11 and 12,

Over sandy bottom land,

Through thick brush.

8.00 Gulch, 100 lks. wide, course W.

Road in bottom of gulch, brs. E. and W.

12.00 Gulch 60 lks. wide, course W.

Road in bottom of gulch, brs. E. and W.

16.00 Road brs. E. and W.

17.04 Wire fence brs. NW. and SE.

Enter field.

20.00 Set an iron post for 1/16 sec. cor. No. 12 on the W. bdy. of sec. 12, S 1/2, with brass cap stamped

No 12 1/16 S 12 S R I R in E.  
1910 in S.

Chains

From which -

Cottonwood, 20 ins. in diam., brs. N. 32° 40' W.,  
149 lks. dist., mkd. S R I R B T  
Cottonwood, 16 ins. in diam., brs. S. 25° 25' E.,  
149 lks. dist., mkd. 1/16 S 12 S R I R B T

- 27.55 Wire fence brs. NE. and SW.  
Leave cultivated field; enter brush.
- 36.00 Road brs. NE. and SW.
- 40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. on the W. bdy. of sec.  
12, with brass cap stamped  
 $\frac{1}{4}$  S 12 S R I R in E.  
1910 in S.  
Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and  
raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- 44.00 Wash, course SW.
- 60.00 Set an iron post for 1/16 sec. cor. No. 6 on the W. bdy.  
of sec. 12, N  $\frac{1}{4}$ , with brass cap stamped  
No 6 1/16 S 12 S R I R in E.  
1910 in S.  
Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and  
raise mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- 70.00 Enter alkali flat, brs. E. and W.
- 80.00 The cor. of secs. 1, 2, 11 and 12.  
Land, flat, covered with brush.  
S.  $\frac{1}{4}$  very sandy, probably been overflow land. N.  $\frac{1}{4}$  flat  
and sandy, 10 chs. being alkaline.  
Soil, 2nd rate.  
Scattered timber.

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From the SW. cor. of sec. 12, I run  
East on a true line, along the S. bdy. of sec. 12,  
Along the S. bdy. of the Salt River Indian Reservation,  
Over sandy land,  
Through brush.

- 12.00 Road brs. NW. and SE.
- 20.34 Set an iron post for 1/16 sec. cor. No. 2 on the S. bdy.  
of sec. 12, W  $\frac{1}{4}$ , with brass cap stamped  
No 2 1/16 S 12 S R I R in N.  
1910 in S.

From which -

Cottonwood, 8 ins. in diam., brs. N. 84° 56' E., 81 lks.  
dist., mkd. 1/16 S 12 S R I R B T

## Chains

Cottonwood, 6 ins. in diam., brs. East, 4 lks. dist.,  
mkd. 1/16 S 12 S R I R B †

20.38 Intersect cottonwood B. T., on line.

27.20 Road brs. NE. and SW.

35.46 Intersect right bank of Salt River, which river is the S.  
bdy. of the Salt River Indian Reservation.

Set an iron post for N. C. of sec. 12, with brass cap  
stamped

N C in E.  
T 1 N R 4 E S 12 S R I R in W.  
1910 in S.

From which -

Cottonwood, 6 ins. in diam., brs. N. 63° 45' E., 185  
lks. dist., mkd. T 1 N R 4 E S 12 N C B T  
Cottonwood, 6 ins. in diam., brs. N. 48° 35' E., 106  
lks. dist., mkd. T 1 N R 4 E S 12 N C B T

Also, raise mound of stone 3 ft. base, 2 ft. high, N. of  
cor.

35.66 Edge of water.

Land, flat and sandy, covered with brush.  
Soil, 2nd rate.  
Scattered timber.

From the 1/16 sec. cor. No. 12 on the W. bdy. of sec. 12,

3/4, I run

N. 89° 51' E. on a random line

Through the S. 1/4 of sec. 12.

20.00 Set temp. 1/16 sec. cor. No. 9.

40.00 Set temp. 1/16 sec. cor. No. 10.

60.00 Set temp. 1/16 sec. cor. No. 11.

81.00 Fall 4 lks. N. of 1/16 sec. cor. No. 12, bet. secs. 7 and  
12, on the E. bdy. of the tp., previously described.

Thence I run

S. 89° 53' W. on a true line

Through the S. 1/4 of sec. 12

Over flat land,

Through field.

0.08 Fence, brs. N. and S.

Leave field; enter brush.

## Chains

- 0.37 Middle of road, brs. N. and S.
- 6.80 Fence brs. N. and S.  
Enter cultivated land.
- 14.85 Irrigation ditch, 8 lks. wide, course S.
- 14.90 Fence brs. N. and S.
- 18.25 Irrigation ditch, 12 lks. wide, course NW.  
Large trees along course of ditch.
- 18.30 Fence brs. NW. and SE.
- 20.25 Set an iron post for 1/16 sec. cor. No. 11 in the center  
of the SE.  $\frac{1}{4}$  of sec. 12, with brass cap stamped
- No 11 in N.  
1/16 S 12 in center  
1910 in S.
- From which -
- Cottonwood, 4 ft. diam., brs. N. 64° 36' E., 81 lks.  
dist., mkd. 1/16 S 12 B T  
Cottonwood, 24 ins. diam., brs. N. 75° 7' W., 168  
lks. dist., mkd. 1/16 S 12 B T
- 27.65 Fence brs. N. and S.
- 37.29 fence brs. N. and S.
- 39.00 Irrigation ditch, 10 lks. wide, course SW.
- 40.16 Fence brs. N. and S.
- 40.23 Irrigation ditch, 10 lks. wide, course S.
- 40.50 get an iron post for 1/16sec. cor. No. 10 bet. the SE.  
and SW.  $\frac{1}{4}$ s of sec. 12, with brass cap stamped
- No 10 in N.  
1/16 S 12 in center  
1910 in S.
- From which -
- Cottonwood, 24 ins. in diam., brs. S. 81° 30' E., 36  
lks. dist., mkd. 1/16 S 12 B T  
Cottonwood, 8 ins. in diam., brs. N. 20° 15' E., 112  
lks. dist., mkd. 1/16 S 12 B T
- 43.60 Wire fence brs. N. and S.  
Leave cultivated land; enter brushy land that has been  
cultivated at some time past.
- 56.30 Fence brs. N. and S.
- 56.45 Road brs. N. and S.
- 60.75 Set an iron post for 1/16 sec. cor. No. 9 in the center  
of the SW.  $\frac{1}{4}$  of sec. 12, with brass cap stamped
- No 9 in N.  
1/16 S 12 in center  
1910 in S.



## Chains

From which -

Cottonwood, 24 ins. in diam., brs. N. 83° 45' E.,  
113 lks. dist., mkd. 1/16 S 12 B T

No other B.T. available.

69.90 Drain, course SW.

72.38 Fence brs. N. and S.

Leave brush for cultivated land.

76.62 NW. cor. of adobe house brs. S., 75 lks. dist.

81.00 The 1/16 sec. cor. No. 12 on the W. bdy. of sec. 12, S $\frac{1}{2}$ .

Land, flat, about  $\frac{1}{2}$  cultivated; other  $\frac{1}{2}$  brushy.  
Soil, sandy, 2nd rate.  
Scattered timber.

From the  $\frac{1}{2}$  sec. cor. on the W. bdy. of sec. 12, I run

N. 89° 51' E. on a random line

Through the middle of sec. 12.

20.00 Set temp. 1/16 sec. cor. No. 8.

40.00 Set temp. C.  $\frac{1}{2}$  sec. cor.

60.00 Set temp. 1/16 sec. cor. No. 7.

80.60 Intersect  $\frac{1}{2}$  sec. cor. bet. secs. 7 and 12, on the E. bdy.  
of the tp., previously described.

Thence I run

S. 89° 51' W. on a true line

Through the middle of sec. 12,

Over flat land,

Through field.

0.15 Wire fence, brs. N. and S.

Enter roadway.

0.45 Middle of road, brs. N. and S.

0.80 Wire fence brs. N. and S.

Enter field.

2.50 Wire fence, brs. N. and S.

20.15 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE.  
and SE.  $\frac{1}{2}$ s of sec. 12, with brass cap stamped

No 7 in N.  
1/16 S 12 in center  
1910 in S.

From which -

## Chains

Cottonwood, 18 ins. in diam., brs. S. 26° 30' W., 57  
lks. dist., mkd. 1/16 S 12 B T

No other tree available.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

20.88 fence brs. N. and S.

28.05 fence brs. N. and S.

38.40 Fence brs. N. and S.

38.60 Middle of road, brs. N. and S.

40.30 Set an iron post for C. ¼ sec. cor. of sec. 12, with brass  
cap stamped

C ¼ S 12 in center  
1910 in S.

from which -

Mesquite, 18 ins. in diam., brs. S. 68° 55' W., 165  
lks. dist., mkd. C ¼ S 12 B T

Cottonwood, 24 ins. in diam., brs. S. 50° 15' E., 219  
lks. dist., mkd. C ¼ S 12 B T

Mesquite, 18 ins. in diam., brs. N. 38° 30' W., 167  
lks. dist., mkd. C ¼ S 12 B T

43.90 Fence brs. N. and S.

Leave cultivated field; enter brush.

56.00 Road brs. NE. and SW.

59.00 Same road brs. NW. and SE.

60.45 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW.  
and SW. ¼s of sec. 12, with brass cap stamped

No 8 in N.  
1/16 S 12 in center  
1910 in S.

from which -

Mesquite, 8 ins. in diam., brs. S. 72° 38' W., 44  
lks. dist., mkd. 1/16 S 12 B T

No other tree of sufficient size within limits.

61.80 Same road brs. NE. and SW.

80.60 The ¼ sec. cor. on the W. bdy. of sec. 12.

Land, flat, about ¼ under cultivation.  
Soil, 2nd rate.  
Scattered timber.

From the 1/16 sec. cor. No. 6 on the W. bdy. of sec. 12,

N ¼, I run

N. 89° 51' E. on a random line through the N. ¼ of sec. 12.

## Chains

- 20.00 Set temp. 1/16 sec. cor. No. 3.
- 40.00 get temp. 1/16 sec. cor. No. 4.
- 60.00 Set temp. 1/16 sec. cor. No. 5.
- 80.24 Intersect 1/16 sec. cor. No. 6 bet. secs. 7 and 12, N  $\frac{1}{4}$ ,  
on the E. bdy. of the tp., previously described.
- Thence I run  
S. 89° 51' W. on a true line  
Through the N.  $\frac{1}{4}$  of sec. 12  
Over flat land,  
Through brush.
- 1.28 Middle of road, brs. N. and S.
- 1.74 Middle of road, brs. N. 10° E. and S. 10° W.
- 20.06 get an iron post for 1/16 sec. cor. No. 5 in the center  
of the NE.  $\frac{1}{4}$  of sec. 12, with brass cap stamped
- No 5 in N.  
1/16 S 12 in center  
1910 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and  
raise mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 20.94 Brush fence, brs. N. and S.  
Enter cultivated land.
- 21.22 irrigation ditch, 8 lks. wide, course S.
- 34.65 fence brs. N. and S.
- 38.00 Indian hut brs. N., about 8 chs. dist.
- 40.22 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE.  
and NW.  $\frac{1}{4}$ s of sec. 12, with brass cap stamped
- No 4 in N.  
1/16 S 12 in center  
1910 in S.
- From which -
- Mesquite, 10 ins. in diam., brs. S. 28° 17' E., 26  
lks. dist., mkd. 1/16 S 12 E T  
Mesquite, 8 ins. in diam., brs. N. 14° 27' W., 80  
lks. dist., mkd. 1/16 S 12 E T
- 42.20 Road brs. N. and S.  
Leave cultivated land; enter brush.
- 52.74 Road brs. NE. and SW.
- 55.20 Road brs. NE. and SW.
- 60.18 Set an iron post for 1/16 sec. cor. No. 3 in the center  
of the NW.  $\frac{1}{4}$  of sec. 12, with brass cap stamped

## Chains

No 3 in N.  
1/16 S 12 in center  
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.24 The 1/16 sec. cor. No. 6 on the W. bdy. of sec. 12, N½.

Land, flat, about ¼ cultivated.  
Soil, 2nd rate.  
Scattered timber.

December 10, 1910, at the 1/16 sec. cor. No. 10, bet. the SE. and SW. ¼s of sec. 12, I set off 23° 3' S. on the declination arc, and at 11h. 52m. 38s., a.m., l.m.t., observe the sun on the meridian; the resulting latitude is 33° 26' N., which is within 1' of the correct latitude.

Thence I run

S. 0° 52' W. (proportional bearing) on a true line

Between the SE. and SW. ¼s of sec. 12,

Through cultivated land.

3.56 Leave cultivated land; enter brush.

17.83 Intersect the right bank of Salt River, which river is the South bdy. of Salt River Indian Reservation.

Set an iron post for N. C. of sec. 12, with brass cap stamped

N C 1910 in S.  
1/16 S 12 S R I R in N.

From which -

Cottonwood, 8 ins. in diam., hrs. N. 67° 43' W., 151 lks. dist., mkd. 1/16 S 12 N C B T

No other B.T. available.

Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, flat. 3.56 acs. cultivated; balance, brushy.  
Soil, 2nd rate.  
Scattered timber.

From the 1/16 sec. cor. No. 11 in the center of the SE. ¼ of sec. 12, I run

S. 0° 38' W. (proportional bearing) on a true line

Through the middle of the SE. ¼ of sec. 12,

Over cultivated land.

5.22 Wire fence hrs. E. and W.

## Chains

9.29 Intersect the right bank of Salt River, which river is the  
S. bdy. of the Salt River Indian Reservation.

Set an iron post for M. C. of sec. 12, with brass cap  
stamped:

M C 1910 in S.  
1/16 S 12 S R I R in N.

From which -

Cottonwood, 6 ins. in diam., brs. N. 35° 30' W., 42  
lbs. dist., mkd. 1/16 S 12 M C B T  
Cottonwood, 6 ins. in diam., brs. N. 39° 30' E., 46  
lbs. dist., mkd. 1/16 S 12 M C B T

Land, flat and cultivated.  
Soil, 2nd rate.  
Scattered timber.

- December 10, 1910.

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December 10, 1910. -

Meanders of the right bank of Salt River, up stream.

I commence at the M. C. of sec. 12, which is 35.46 chs.

East of the SW. cor. of sec. 12, hereinbefore described.

Thence I run with meanders in sec. 12,

Over sandy bottom,

Through scattered timber and brush.

N. 66° 45' E. 5.73 chs. to the M. C. of sec. 12, which  
is 17.63 chs. S. 0° 52' W. of  
the 1/16 sec. cor. No. 10, bet.  
the SE. and SW.  $\frac{1}{16}$ s of sec. 12.

N. 66° 45' E. 13.75 "

N. 68° 0' E. 8.40 " to the M. C. of sec. 12, which  
is 9.29 chs. S. 0° 38' W. of  
the 1/16 sec. cor. No. 11, in  
the center of the SE.  $\frac{1}{16}$  of sec.  
12.

N. 75° 0' E. 6.33 "

N. 71° 15' E. 15.00 " to the M. C. bet. secs. 7 and 12  
on the E. bdy. of the tp.,  
previously described, which is  
2.68 chs. S. 0° 23' E. of the  
1/16 sec. cor. No. 12, bet.  
secs. 7 and 12, S  $\frac{1}{16}$ , previously  
described.

Land, sandy bottom.

Soil, 2nd rate.

Scattered timber and brush.

- december 10, 1911.

**GENERAL DESCRIPTION.**

These two sections, 1 and 12, in T. 1 N., R. 4 E., are very brushy, cactus, sage, mesquite, arrowweed, and cottonwood timber. There are a few acres of cultivated fields in the center and South half of sec. 12.

The North half of sec. 12 and the South half of sec. 1 contain an alkaline flat, which at the time of survey was wet and boggy. The soil in this flat would be classed very low, probably 4th rate. Remainder of the two sections, sandy loam, 2nd rate.

Sec. 12 is crisscrossed with narrow trails, almost impossible to plat. There are about 6 Indian huts in this sec.

Robert A. Farmer,

Topographer and U. S. Surveyor.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, ~~Robert A. Farmer, Topographer~~ U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of ~~subdivisions, secs. 1 and 12, T. 1 N., R. 4 E., Salt River Indian Reservation,~~

of the ~~Gila~~ Salt River Principal Meridian, in the State of ~~Arizona,~~ which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
A. H. Greens,	Dec. 5, 1910,	Mar. 29, 1911,	Instrumentman.
T. H. Biedenkopf,	do.	do.	Chainman.
H. McCormick,	do.	Dec. 19, 1910,	do.
Ed. Hurwitz,	do.	Mar. 29, 1911,	Moundman.
R. Allan,	do.	Jan. 19, 1911,	Arman.
H. D. Alexander,	do.	Dec. 13, 1910,	Flagman.

Subscribed and certified to before me on the dates of the final service as shown above.

**Robert A. Farmer**  
 Topographer and U. S. Surveyor.



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FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2388

I, Robert A. Farmer, Topographer & U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of the General Land Office bearing date of the 11th day of October, 1910, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Salt River (and Camp McDowell) Reservations

of the Gila & Salt River Principal Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been surveyed executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Arizona and in the specific manner described in the field notes, and that the original field notes of such survey.

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BOOK 2388

Washington, D. C., July 15, 1913. 214

I hereby certify that the survey of subdivision lines of Salt River Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was executed in strict accordance with the special instructions given me, dated October 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.  
*A. F. Dannington*  
Topographer in Charge.

APPROVAL.  
Commissioner of the General Land Office  
OFFICE OF THE UNITED STATES SURVEYOR GENERAL,  
March 29th, 1913.

The foregoing field notes of the survey of subdivision of secs. 1 and 12, T. 1 N., R. 4 E., Salt River Indian Reservation, Arizona,

executed by Robert A. Farmer, Topographer and U. S. Surveyor, under supervision of A. F. Dannington, Topographer in Charge of Indian Surveys, under his special instructions dated October 11th, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Fred Dennett

*Fred Dennett*  
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in Salt River Ind'n Res'n, Arizona has been correctly copied from the original notes on file in this office.

*Fred Dennett*  
U. S. Surveyor General