

Book "G"

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

47

2394

BOOK 2394

MAR 13 1913

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision of

T. 4 N., R. 6 E.,

Salt River Indian Reservation,

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, \_\_\_\_\_, 191\_\_\_\_, pursuant to authority contained in the Act of

~~Congress dated \_\_\_\_\_, 191\_\_\_\_~~

Survey commenced March 11- \_\_\_\_\_, 1911.

Survey completed March 13- \_\_\_\_\_, 1911.

1A 42

BOOK 2394

# INDEX DIAGRAM.

Township 4 N., Range 6 E.

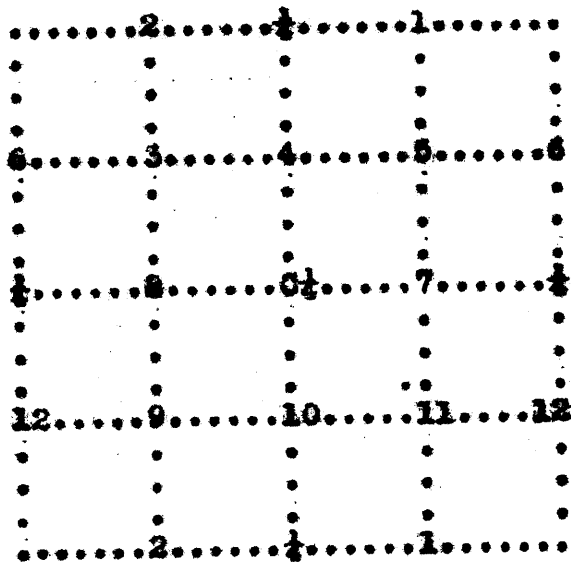
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Handwritten annotations on the right side of the diagram:

- A thick black line runs vertically along the right edge of the grid, starting from the top of section 12 and ending at the bottom of section 36.
- Section 12 is labeled with a handwritten '7'.
- Section 13 is labeled with a handwritten '6'.
- Section 24 is labeled with a handwritten '5'.
- Section 25 is labeled with a handwritten '1'.
- Section 36 is labeled with handwritten '2/3/2'.

BOOK 2394

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



## Chains

March 11, 1911, survey commenced by Robert A. Farmer, Topographer and U. S. Surveyor, and executed with Young & Sons transit No. 8248, with solar attachment. The horizontal limb is provided with 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.

Instrument tested and found to be correct on meridian established at camp in sec. 6, T. 3 N., R. 7 E.; for notes, see Book "A" - Exterior Lines.

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

The SE. cor. of this tp. is in Lat.  $33^{\circ} 28' 21''$  N., Long.  $111^{\circ} 40' 55''$  W.

March 11, 1911, at 7h., 10m., a.m., l.m.t., I set off  $33^{\circ} 39'$  N. on the latitude arc,  $3^{\circ} 56'$  S. on the declination arc, and determine a meridian with the solar at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the tp., previously described.

Thence I run

West on a true line bet. secs. 25 and 36,

Over rough and broken land,

Through scattered palo verde trees and greasewood brush.

3.50 Dry wash, 20 lks. wide, course SE.

8.00 Begin ascent, brs. NW. and SE.

20.00 Set an iron post for  $1/16$  sec. cor. No. 1 bet. secs. 25 and 36, E $\frac{1}{2}$ , with brass cap stamped

No 1  $1/16$  S 25 in N.  
S 36 1911 in S.

Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

No B.T.'s available.

22.00 Ridge brs. NW. and SE.

Top of ascent; begin descent.

28.00 Foot of descent; brs. NW. and SE.

## Subdivision T. 4 N., R. 6 E.

## Chains

- 28.60 Dry wash, 60 lks. wide, course SE.
- 40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 25 and 36,  
with brass cap stamped
- $\frac{1}{4}$  S 25 in N.  
S 36 1911 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.
- No B.T.'s available.
- 53.00 Dry wash, 20 lks. wide, course SE.
- 60.00 Set an iron post for  $1/16$  sec. cor. No. 2 bet. secs. 25  
and 36,  $W\frac{1}{2}$ , with brass cap stamped
- No 2  $1/16$  S 25 in N.  
S 36 1911 in ~~25~~ S.
- Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 60.75 Intersect W. bdy. of old Camp McDowell Reservation at a  
point from which the  $24\frac{1}{2}$  M. P. hrs. N.  $6^{\circ} 45'$  E., 6.10  
chs. dist.
- Set an iron post for C. C. of secs. 25 and 36, with brass  
cap stamped
- C C in E.  
T 4 N S 25 in NE. quadrant  
R 6 E S 36 " SE. "  
1911 in S.  
1 notch on the S. and 5 on the N. edge.
- Raise mound of stone 3 ft. base, 2 ft. high, E. of cor.
- Land, rough and broken.  
Soil, 3rd rate and rocky.  
Brush, greasewood. Scattered pale verde trees and cactus.
- 
- From the  $1/16$  sec. cor. No. 12 bet. secs. 31 and 36,  $S\frac{1}{2}$ ,  
on the E. bdy. of the tp., previously described, I run  
West on a true line through the S.  $\frac{1}{2}$  of sec. 36,  
Over smooth land,  
Through brush, gradually ascending.
- 12.00 Dry wash, 20 lks. wide, course N.  $80^{\circ}$  E.
- 20.00 Set an iron post for  $1/16$  sec. cor. No. 11 in the center  
of the SE.  $\frac{1}{4}$  of sec. 36, with brass cap stamped
- No 11 in N.  
 $1/16$  S 36 in center  
1911 in S.
- Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

## Subdivision T. 4 N., R. 6 E.

## Chains

- 26.00 Same dry wash, 20 lks. wide, course S. 80° E.
- 40.00 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE. and SW.  $\frac{1}{4}$ s of sec. 36, with brass cap stamped
- No 10 in N.  
1/16 S 36 in center  
1911 in S.
- Raise mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 54.00 Same dry wash, 14 lks. wide, course N. 80° E.
- 60.00 Set an iron post for 1/16 sec. cor. No. 9 in the center of the SW.  $\frac{1}{4}$  of sec. 36, with brass cap stamped
- No 9 in N.  
1/16 S 36 in center  
1911 in S.
- Raise mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 64.00 Dry wash, 30 lks. wide, course N. 80° E.
- 67.76 Interssect W. bdy. of old Camp McDowell Reservation, at a point from which the 24 M. P. hrs. N. 6° 43' E., 26.30 chs. dist.
- Set an iron post for 1/16 C. C. of sec. 36, with brass cap stamped
- 1/16 S 36 C C in E.  
1911 in S.
- Raise mound of stone 3 ft. base, 2 ft. high, E. of cor.
- Land, smooth and gradually ascending to the W.  
Soil, 3rd rate.  
Brush, greasewood.
- 
- From the  $\frac{1}{4}$  sec. cor. bet. secs. 31 and 36, on the E. bdy. of the tp., previously described, I run
- West on a true line through middle of sec. 36,  
Over rough land,  
Through brush.
- 13.00 Arroyo, 15 ft. deep, 40 lks. wide, course SE.  
begin ascent, hrs. NW. and SE.
- 20.00 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE. and SE.  $\frac{1}{4}$ s of sec. 36, with brass cap stamped
- No 7 in N.  
1/16 S 36 in center  
1911 in S.
- Raise mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Subdivision T. 4 N., R. 6 E.

Chains

30.00 Ridge hrs. NW. and SE.  
Top of ascent; begin descent.

34.00 Foot of descent, hrs. NW. and SE.  
Thence over rough land.

40.00 Set an iron post for C.  $\frac{1}{4}$  sec. cor. of sec. 36, with brass cap stamped  
C  $\frac{1}{4}$  S 36 in center  
1911 in S.  
Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

40.50 Dry wash, 20 lks. wide, course SE.

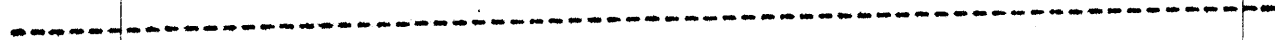
48.00 Dry wash, 80 lks. wide, course S. 60° E.

60.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 8 bet. the NW. and SW.  $\frac{1}{4}$ s of sec. 36, with brass cap stamped  
No 8 in N.  
 $\frac{1}{16}$  S 36 in center  
1911 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.

61.00 Begin ascent, hrs. N. 60° W. and S. 60° E.

63.00 Top of ascent, same bearing.

65.45 Intersect W. bdy. of old Camp McDowell Reservation, at a point from which the true point for 24 M. P. hrs. N. 6° 43' E., 6.25 chs. dist.  
Set an iron post for  $\frac{1}{16}$  C. C. of sec. 36, with brass cap stamped  
 $\frac{1}{16}$  S 36 C C in E.  
1911 in S.  
Raise mound of stone 3 ft. base, 8 ft. high, N. of cor.  
Land, rough and broken.  
Soil, rocky and 3rd rate.  
Brush, greasewood.



From the  $\frac{1}{16}$  sec. cor. No. 6 bet. secs. 31 and 36, N $\frac{1}{2}$ , on the E. bdy. of the tp., previously described, I run West on a true line through the N.  $\frac{1}{2}$  of sec. 36,  
Over rough land,  
Through brush.

8.00 Dry wash, 70 lks. wide, course SE.

14.00 Dry wash, 80 lks. wide, course SE.

Subdivision T. 4 N., R. 6 E.

C hains

18.00 Dry wash, 60 lks. wide, course SE.

20.00 Set an iron post for 1/16 sec. cor. No. 5 in the center of the NE. 1/4 of sec. 36, with brass cap stamped

No 5 in N.  
1/16 S 36 in center  
1911 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.

40.00 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and NW. 1/4s of sec. 36, with brass cap stamped

No 4 in N.  
1/16 S 36 in center  
1911 in S.

Raise mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

From corner, begin ascent, brs. NW. and SE.

56.00 Ridge brs. NW. and SE.

Top of ascent; begin descent.

60.00 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW. 1/4 of sec. 36, with brass cap stamped

No 3 in N.  
1/16 S 36 in center  
1911 in S.

Raise mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

63.09 Intersect W. bdy. of old Camp McDowell Reservation, at a point from which the 24 1/2 M. P. brs. N. 6° 45' E., 26.12 chs. dist.

Set an iron post for 1/16 <sup>closing</sup> ~~xxx~~ cor. of sec. 36, with brass cap stamped

1/16 S 36 C C in E.  
1911 in S.

Dig pits 18x18x12 ins. on line NE. and SW. of post 3 ft. dist., and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rough and broken.  
Soil, rocky and 3rd rate.  
A few scattered palo verde trees. None within limits for B.T.'s.

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the tp., previously described, I run

West on a true line bet. secs. 24 and 25,

Over rough and broken land,

Ascending.



## Subdivision T. 4 N., R. 6 E.

## Chains

- 11.15 Dry wash, 20 lks. wide, course SE.
- 25.00 Begin ascent, brs. NW. and SE.
- 31.50 Ridge, brs. NW. and SE.  
Top of ascent; begin descent.
- 39.00 Foot of descent, brs. NW. and SE.
- 40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 24 and 25,  
with brass cap stamped  
 $\frac{1}{4}$  S 24 in N.  
S 25 1911 in S.  
Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
No trace of old  $\frac{1}{4}$  sec. cor. is found after diligent search.
- 51.18 Intersect W. bdy. of old Camp McDowell Reservation, at a  
point from which the 25 $\frac{1}{2}$  M. P. brs. N.  $6^{\circ} 43'$  E., 5.66  
chs. dist.  
Set an iron post for ~~2 $\frac{1}{2}$~~  C. C. of secs. 24 and 25, with  
brass cap stamped  
C C in E.  
T 4 N S 24 in NE. quadrant  
R 6 E S 25 " SE. "  
1911 in S.  
2 notches on the S. and 4 on the N. edge.  
Raise mound of stone 3 ft. base, 2 ft. high, E. of cor.  
Land, rough and broken.  
Soil, 3rd rate and rocky.  
Brush: greasewood and cactus.  
Scattered palo verde trees.
- 
- March 11, 1911, at the cor. of secs. 13, 18, 19 and 24,  
I set off  $3^{\circ} 54'$  S. on the declination arc, and at 12h.  
10m. 24s., p.m., l.m.t., observe the sun on the meridi-  
an; the resulting latitude is  $33^{\circ} 41'$  N., which is with-  
in  $1'$  of the correct latitude.  
Thence I run  
West on a true line bet. secs. 13 and 24,  
Over rough and mountainous land,  
Ascending.  
Through cactus, greasewood and scattered palo verde trees.
- 20.00 Dry wash, 30 lks. wide, course SE.  
Begin steep ascent, brs. NW. and SE.
- 33.50 Top of ascent, begin descent.
- 37.00 Foot of descent, brs. N. and S.

## Subdivision T. 4 N., R. 6 E.

## Chains

Thence over rough and broken land.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 24,  
with brass cap stamped

$\frac{1}{4}$  S 13 in N.  
S 24 1911 in S.

Raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

After diligent search, find no trace old  $\frac{1}{4}$  sec. cor.

41.80 Intersect W. bdy. of the old Camp McDowell Reservation, at  
a point from which the  $26\frac{1}{2}$  M. P. brs. N.  $6^{\circ} 39'$  E.,  
5.30 chs. dist.

Set an iron post for C. C. of secs. 13 and 24, with brass  
cap stamped

C/E 6 in E.  
T 4 N S 13 in NE. quadrant  
R 6 E S 24 " SE. "  
1911 in S.  
3 notches on the S. and 3 on the N. edge.

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

Land, rough and mountainous.

Soil, 3rd rate.

Brush, cactus and greasewood.

Scattered pale verde trees.

March 11, 1911.

March 13, 1911, at 8h., 10m., a.m., l.m.t., I set off  $33^{\circ}$   
 $42'$  N. on the latitude arc,  $3^{\circ} 10'$  S. on the declination  
arc, and determine a meridian with the solar at the cor.  
of secs. 7, 12, 13 and 18, on the E. bdy. of the tp.,  
previously described.

Thence I run

West on a true line bet. secs. 12 and 13,

Over rough and mountainous land,

Ascending,

Through brush, cactus, and scattered pale verde trees.

9.00 Ridge brs. N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.

Top of ascent; begin descent.

19.00 Dry wash, 19 lks. wide, course SE.

Foot of descent; begin steep ascent.

32.30 Intersect W. bdy. of old Camp McDowell Reservation, at a  
point from which the  $27\frac{1}{2}$  M. P. brs. N.  $6^{\circ} 45'$  E., 5.10  
chs. dist.

Set an iron post for C. C. of secs. 12 and 13, with brass

## Subdivision T. 4 N., R. 6 E.

## Chains

cap stamped

C C in E.  
 T 4 N S 12 in NE. quadrant  
 R 6 E S 13 " SE. "  
 1911 in S.  
 4 notches on the S. and 2 on the N. edge.

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

Land, rough and mountainous.

Soil, 3rd rate and rocky.

Brush, greasewood and cactus.

Scattered palo verde trees. None available for B.T.'s.

- March 13, 1911.

---

GENERAL DESCRIPTION.

That portion of T. 4 N., R. 6 E., which is within the Salt River Indian Reservation is on the whole rough and broken, and the Northern half is crossed by ridges or spurs from the McDowell Mountains. The only land suitable for cultivation is in sec. 36. There is no water in the part of the township within the Reservation.

Scattered palo verde and a few ironwood trees are to be found along the washes, none large enough, or standing thick enough to be called timber.

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 **Salt River Indian Reservation (including the old Camp McDowell Reservation), -**

**Subdivision T. 4 N., R. 6 E.**

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.	
<b>Lee C. Daves,</b>	<b>Dec. 5, 1910</b>	<b>Mar. 29, 1911</b>	<b>Instrumentman.</b>
<b>H. W. Van Noate</b>	<b>do.</b>	<b>do.</b>	<b>Chainman.</b>
<b>Fred'k C. Miller</b>	<b>do.</b>	<b>do.</b>	<b>do.</b>
<b>Robert Blower</b>	<b>do.</b>	<b>do.</b>	<b>Moundman.</b>
<b>W. G. Thompson</b>	<b>do.</b>	<b>do.</b>	<b>Flagman.</b>
<b>Geo. Perkins,</b>	<b>Jan. 6, 1911</b>	<b>Mar. 23, 1911</b>	<b>Arman.</b>
<b>Geo. Lang,</b>	<b>Dec. 20, 1910</b>	<b>Mar. 30, 1911</b>	<b>do.</b>

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

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

53

FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2394

I, **Robert A. Farmer, Topographer**, <sup>GLO</sup> 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 and Salt River Principal** Meridian, in the State of **Arizona**, which are represented in the foregoing field notes as having been ~~executed~~ <sup>surveyed</sup> 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 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

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

Subscribed by said **Robert A. Farmer**, and sworn to before me }  
this **15th** day of **May**, 1911.

**Frank S. Ingalls**

**Surveyor-General of Arizona.**



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 T. 4 N., R. 6 E.,**  
**Salt River Indian Reservation, Arizona.**

executed by **Robert A. Farmer, Topographer and U. S. Surveyor**, under supervision of **A. F. Dunnington, Topographer in Charge of Indian Surveys**, under his special instructions dated **October 11**, 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**

**Commissioner of the General Land Office.**

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

*Fred Dennett*  
**U. S. Surveyor General**  
**Commissioner of the General Land Office.**

11  
B-10-10-10

Washington, D. C., July 15

191

I hereby certift that the survey of the subdivision of T. 4 N., 6 E., Salt River Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief th field work was executed in strict accordance with the special instr tions given me, dated October 11, 1910, and the Manual of Surveyi instructions, and that these field notes are a correct representatio thereof.

*A. F. Drumwright*

Topographer in Charge.