

3261

Book "B"

4-679

BOOK 3261

# FIELD NOTES

of the RETRACEMENT of a

Portion of the West boundary, and

the SURVEY of a

Portion of the Subdivision lines and the

Meanders of the left bank of the Little Colorado River within

TOWNSHIP 25 NORTH, RANGE 10 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

## EXECUTED BY

Theodore O. Johnston, U. S. Surveyor,

and

Philip L. Inch, U.S. Transitman,

~~In the capacity of U.S. Surveyor~~, under instructions dated January 4, 1916,

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

Group No. 66, which were approved by the Commissioner of the General Land

Office, January 17, 1916.

Retracement & Survey commenced February 23, 1916.

Retracement & Survey completed March 6, 1916.

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17  
①

1A

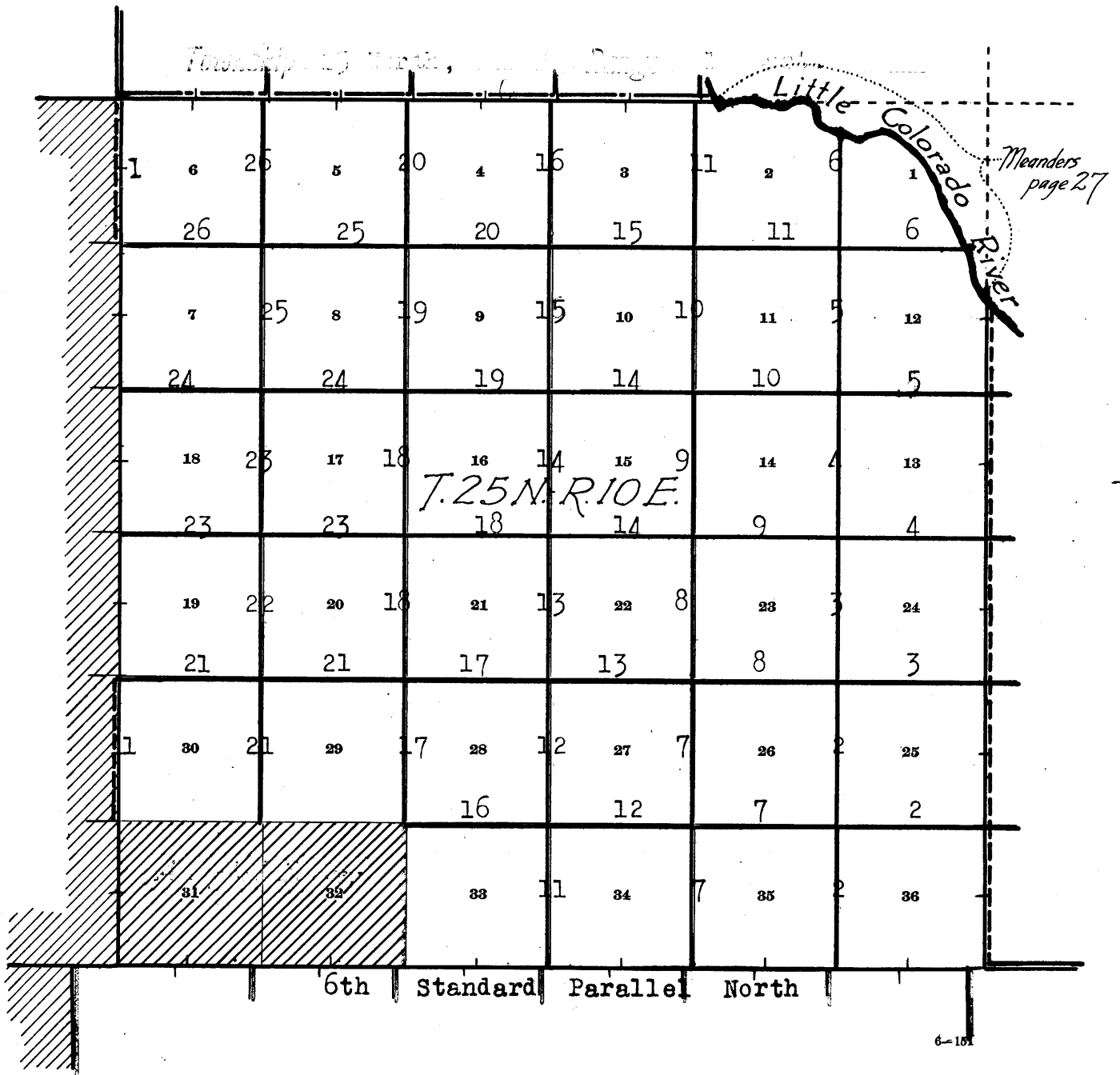
BOOK 3261

3261

Book "B"

Group 66 - - - Arizona.

# INDEX DIAGRAM.



- ==== Lines surveyed under this Group.
- " retraced " " "
- ==== " resurveyed " " "
- ==== " run under current Group 68.
- Accepted surveys.
- //// Areas surveyed as per accepted plats on file.
- Unsurveyed.

Retracement of portion of W. bdy., and survey of  
subdivision of portion of Township 25 North, Range 10 East.

13

Chains.

Work executed by Theo. O. Johnston, U.S. Surveyor, and Philip L. Inch, U.S. Transitman.  
Dates of survey shown on diagram on page 29 hereof.  
The instruments used are described, with record of approval by the Assistant Supervisor of Surveys for Arizona and California, and field tests, in Book "A."  
All lines were originated by deflection from a meridian determined by observation on Polaris at elongation, a record of which follows herein; and were projected by means of transit lines, with carefully measured angles.

Polaris Observation, by Theo. O. Johnston, U. S. Surveyor.

Feb. 22, 1916.

At camp in sec. 32, T. 25 N., R. 10 E., in lat.  $35^{\circ}30\frac{1}{2}'$  N., long.  $111^{\circ}21'30''$  W., at 9h. 19m., p.m., l.m.t., observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a wooden stake firmly set in the ground 5 chs. N. of instrument.

Feb. 23, 1916.

At 7h. 30m. a.m., l.m.t., turn off the azimuth of Polaris  $1^{\circ}24'$  to the east, and mark the meridian thus determined by a tack driven in a wooden stake firmly set in the ground E. of the point established last night.

Retracement of Portion of W. bdy. of T. 25 N., R. 10 East.

40.10 From original cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp., which is a stone firmly set, marked and witnessed as described by the surveyor general, N.  $0^{\circ}09'E.$ , on a true line, bet. secs. 25 and 30, (S.  $\frac{1}{2}$ ).  
Intersect old  $\frac{1}{4}$  sec. cor., which is a malpais stone, 8x5x5 ins., above ground, marked and witnessed as described by the surveyor general. This cor. retains its original designation.

39.20 Thence, N.  $0^{\circ}03'W.$ , bet. secs. 25 and 30 (N.  $\frac{1}{2}$ ).  
Intersect old cor. of secs. 19, 24, 25 and 30, which is a sandstone rock, 12x10x5 ins., firmly set in a mound of stone, marked and witnessed as described by the surveyor general. This cor. will henceforth pertain solely to secs. 24 and 25, T. 25 N., R. 9 E.

40.10 From original cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., which is a stone firmly set, marked and witnessed as described by the surveyor general, N.  $0^{\circ}01'E.$  on true line bet. secs. 1 and 6, (S.  $\frac{1}{2}$ ).  
Intersect the old  $\frac{1}{4}$  sec. cor., which is a sandstone 16x14x6 ins. above ground, marked and witnessed as described by the surveyor general. No change in designation.

40.28 Thence, N.  $0^{\circ}1'E.$ , on a true line, bet. secs. 1 and 6 (N.  $\frac{1}{2}$ ).  
Intersect the original cor. of Ts. 25 and 26 N., Rs. 9 and 10 E., which is a sandstone, 14x10x6 ins. above ground, marked and witnessed as described by the surveyor general.

Survey of Subdivision of Portion of Township 25 N., R. 10 E.

The meridional sec. lines in this township are run parallel to the portion of the E. bdy. south of the Little Colorado river, the mean bearing of said range line being N.  $0^{\circ}08'E.$   
From the Standard cor. of secs. 35 and 36, on the S. bdy. of Tp. (6th. Standard Parallel North), which is a stone firmly set, marked and witnessed, as described by the surveyor general,

## 2 Subdivision of Portion of Township 25 North Range 10 East

Chains.

N. 0° 07' E., bet. secs. 35 and 36.

Over rolling land.

10.00 Ascend on S. slope of low mesa.

20.00 Top of mesa, brs. E. and W. Thence overtop.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S35} | \text{S36} \\ \hline 1916 \end{array}$$
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

57.40 Descend on N. slope of mesa.

76.40 Wash, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked,

$$\begin{array}{c} \text{T25N R10E} \\ \hline \text{S26} | \text{S25} \\ \hline \text{S35} | \text{S36} \\ \hline 1916 \end{array}$$
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rolling.

Soil, sandy and rocky, 4th rate.

No timber.

East, on a random line, bet. secs. 25 and 36.

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

80.14 Intersect E. bdy. of Tp., 12 lks. N. of old cor. of secs. 25, 30, 31 and 36, described in Book "A."

Thence N. 89° 55' W., on a true line, bet. secs. 25 and 36.

Over rolling land.

5.00 Descend on W. slope.

10.55 Old road brs. N. and S.

40.07 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
$$\begin{array}{c} \text{S 25} \\ \hline \frac{1}{4} \\ \hline \text{S 36} \\ \hline 1916 \end{array}$$
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

75.00 Wash, 10 lks. wide, course NE.

80.14 The cor. of secs. 25, 26, 35 and 36.

Land, rolling.

Soil, sandy, volcanic ash, 4th rate.

No timber.

N. 0° 07' E., bet. secs. 25 and 26.

Over rolling land.

25.00 Wash, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S26} | \text{S25} \\ \hline 1916 \end{array}$$

Subdivision of Portion of T. 25 N., R. 10 E.

3

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

52.00 Wash, course SE. Asc. on SW. slope.  
60.00 Top of mesa, bearing NW. and SE. Thence over top.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for cor. of secs.  
23, 24, 25 and 26, with brass cap, marked

T25N	R10E
S23	S24
<hr/>	
S26	S25

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, rolling.  
Soil, rocky and gravelly; 4th rate.  
No timber.

-----

40.00 East, on a random line, bet. secs. 24 and 25.  
Set temp. ¼ sec. cor.  
80.22 Intersect E. bdy. of Tp. 18 lks. S. of old cor. of secs.  
19, 24, 25 and 30, described in book A.

Thence S.89°52'W., on a true line, bet. secs. 24 and 25,  
over rolling land,  
16.82 Old road bears NW. and SE.  
40.11 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

S24
<hr/>
¼
S25
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.

45.20 Ft. of mesa. Asc. on E. slope, over mountainous land.  
53.80 Edge of mesa bears N. and S. Thence over rolling land, on  
top of mesa.  
80.22 The cor. of secs. 23, 24, 25 and 26.

Land, rolling and mountainous.  
Soil, rocky and gravelly; 4th rate.  
No timber.

-----

23.70 N.0°07'E., bet. secs. 23 and 24,  
over top of mesa.  
35.00 Desc. on NE. slope of mesa.  
40.00 Wash, course NE., at ft. of mesa. Thence over rolling land.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

¼	
S23	S24
<hr/>	
1916	

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, (impracticable to set post in the ground) for cor.  
of secs. 13, 14, 23 and 24, with brass cap, marked

T25N	R10E
S14	S13
<hr/>	
S23	S24

1916

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, rolling, and mountainous.  
Soil, rocky volcanic ash; 4th rate.  
No timber.

40.00

East, on a random line, bet. secs. 13 and 24.

80.22

Set temp. ¼ sec. cor.  
Intersect E. bdy. of Tp. 22 lks. S. of bld cor. of secs.  
13, 18, 19 and 24, described in book A.

Thence S.89°51'W., on a true line bet. secs. 13 and 24,  
ascending over broken NE. slope, over rolling mountainous  
land.

8.00

Summit of ascent bears N. and S. Thence over rolling land.

40.11

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

S13

¼  
S24  
1916

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

74.50

Wash, course N., 20 lks. wide.

80.22

The cor. of secs. 13, 14, 23 and 24.

Land, rolling and mountainous.  
Soil, gravelly and sandy; 4th rate.  
No timber.

N.0°07'E.; bet. secs. 13 and 14,  
over rolling land.

28.00

Wash, course NE., 30 lks. wide.

40.00

Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, (impracticable to set post in the ground) for ¼  
sec. cor., with brass cap, marked

¼  
S14 | S13

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

70.00

Asc. on S. slope of low butte.

75.00

Top of butte. Desc. on N. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, (impracticable to set post in the ground) for cor.  
of secs. 11, 13 and 14, and Fracl. sec. 12, with brass cap,  
marked

T25N | R10W  
S11 | S12  
S14 | S13

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, rolling.  
Soil, gravelly and sandy; 4th rate.  
No timber.

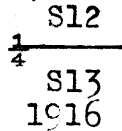
Subdivision of Portion of T. 25 N., R. 10 E. 5

Chains

40.00 East, on a random line, bet. sec. 13, and frac. 1. sec. 12.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.16 Intersect E. bdy. of Tp. 30 lks. S. of bld cor. of secs.  
 7, 12, 13 and 18, described in book A.

Thence S.  $89^{\circ}47'W.$ , on a true line, bet. sec. 13, and frac. 1, sec. 12, over nearly level land.

24.15 Asc. on E. slope.  
 28.75 Ridge bears N. and S. Desc. on broken NW. slope.  
 35.15 Ft. of descent. Asc. on NE. slope.  
 40.08 In ravine, course N.,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

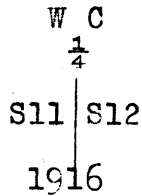


dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

45.15 Top of ridge bears N. and S. Desc. on W. slope.  
 50.15 Wash, course N., 50 lks. wide. Thence over nearly level land.  
 57.65 Old road bears NE. and SW.  
 70.15 Asc. on E. slope of butte.  
 73.85 Summit of ascent. Thence across top of butte.  
 80.00 Commence descent on W. slope of butte.  
 80.16 The cor. of secs. 11, 13, and 14, and frac. 1. sec. 12.

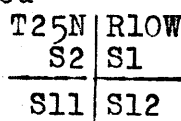
Land, rolling and mountainous.  
 Soil, gravelly and sandy; 4th rate.  
 No timber.

N.  $0^{\circ}07'E.$ , bet. sec. 11, and frac. 1. 12.  
 over broken rolling land, through scattering undergrowth.  
 5.60 Low spur projecting E. Thence along general E. slope.  
 22.70 Draw, course E.  
 32.20 Draw, course E.  
 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in bottom of small sandy draw, where it is impracticable to establish same securely.  
 Therefore at  
 39.75 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

76.40 Road bears E. and W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, and frac. 1. secs. 1, 2, and 12, with brass cap, marked



1916  
 dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

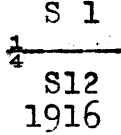
Land, gently rolling.  
 Soil, 2nd and 3rd rate.  
 Undergrowth, sage brush.

Chains

N.89°47'E., on a true line, bet. fracl. secs. 1 and 12, over rolling land.

25.00 Wash, 100 lks. wide, course N.

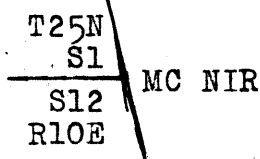
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

63.40 The left bank of Little Colorado River, brs. NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 1 and 12, with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy; 1st and 2nd rate on W. 40.00 chs., and rocky, 3rd and 4th rate on balance.

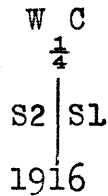
From cor. of sec. 11, and fracl. secs. 1, 2, and 12, N.0°07'E., on a true line, bet. fracl. secs. 1 and 2, over gently rolling land.

9.10 Old road bears NW. and SE.

20.00 Wash, 75 lks. wide, course NE.

40.00 Point for 1/4 sec. cor. falls on edge of small wash, course E., where it is impracticable to establish cor. securely. Therefore at

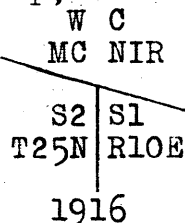
39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., with brass cap, marked



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

53.05 The left bank of Little Colorado River, brs. E. and W. Impracticable to set meander cor. at this point. Therefore at

52.30 On edge of cliff, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to meander cor. of fracl. secs. 1 and 2, with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.

Land, nearly level.

Soil, sandy; 2nd rate.

No timber. Undergrowth, sage brush.

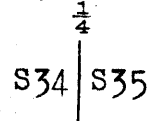


Subdivision of Portion of T. 25 N., R. 10 E.

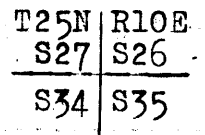
Chains

From the standard cor. of secs. 34 and 35, on S. bdy. of Tp., (6th St. Par. N.) which is a stone, firmly set, marked and witnessed as described by the Surveyor General:

N.0°07'E., bet. secs. 34 and 35, over rolling land.  
25.00 Desc. on NW. slope.  
30.00 Ft. of descent, bearing NE. and SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



1916 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 36, with brass cap, marked

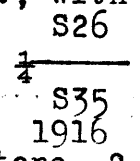


1916 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.  
Soil, rocky and sandy; 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 26 and 35.  
79.90 Set temp. 1/4 sec. cor.  
Intersect N. and S. line 12 lks. N. of the cor. of secs. 25, 26, 35 and 36.

32.20 Thence N.89°55'W., on a true line, bet. secs. 26 and 35, ascending gradually, on NE. slope.  
Summit of ascent, on edge of mesa, bearing NW. and SE.  
Thence across top of mesa.  
39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.  
47.20 Desc. on NW. slope of mesa.  
60.00 Ft. of descent, bearing NE. and SW. Thence over rolling land.  
79.90 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and rolling mountainous.  
Soil, rocky and sandy; 4th rate.  
No timber.

N.0°07'E., bet. secs. 26 and 27, over broken land.  
25.00 Ft. of clay ridge bears E. and W. Asc. on S. slope.  
35.00 Top of same. Thence over nearly level land.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

8

## Subdivision of Portion of T. 25 N., R. 10 E.

Chains

ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
$$\frac{1}{4}$$

S27	S26
-----	-----

1916

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap, marked

T25N	R10E
S22	S23
S27	S26

1916

dig pits, 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, S. half mile broken and N. half mile nearly level. Soil, clay and volcanic ash; 3rd to 4th rate. No timber.

40.00

East, on a random line, bet. secs. 23 and 26.

79.88

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

Intersect N. and S. line 20 lks. N. of the cor. of secs. 23, 24, 25 and 26.

39.94

Thence N. $^{\circ}$ 9'51"W., on a true line, bet. secs. 23 and 26, over nearly level mesa.Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S23

$$\frac{1}{4}$$

S26	S26
-----	-----

1916

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

79.88

The cor. of secs. 22, 23, 26 and 27.

Land, nearly level mesa.

Soil, clay loam, with some volcanic ash; 3rd rate.

No timber.

16.00

N. $^{\circ}$ 0'07"E., bet. secs. 22 and 23, over rolling land.

Desc. on NW. slope.

30.00 Wash, course NE. Thence over broken land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked $\frac{1}{4}$ 

S22	S23
-----	-----

1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

70.00 Wash, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 14, 15, 22 and 23, with brass cap, marked

Subdivision of Portion of T. 25 N., R. 10 W.

Chains

T25 N | R10 E  
 S15 | S14  
 S22 | S23  
 1916  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and rolling mountainous. Soil, rocky; 4th rate. No timber.

40.00 S.89°51'E., on a random line, bet. secs. 14 and 23.  
 79.90 Set temp. ¼ sec. cor.  
 Intersect line at the cor. of secs. 13, 14, 23 and 24.

30.00 Thence N.89°51'W., on a true line, bet. secs. 14 and 23, ascending gradually on broken NE. slope.  
 35.00 Summit of ascent. Thence along N. slope.  
 39.95 Desc. over broken cliffs on NW. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for ¼ sec. cor., with brass cap, marked

S14  
 ¼  
 S23  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

41.40 Canyon, 2 chs. wide on bottom, course NE.  
 Asc. over broken cliffs on SE. slope.  
 48.15 Summit of ascent bears NE. and SW. Thence over level land.  
 60.00 Thence along S. slope, broken by cliffs.  
 75.00 Same canyon, course S.60°E.  
 79.90 The cor. of secs. 14, 15, 22 and 23.

Land, rolling<sup>and</sup> mountainous. Soil, rocky; 4th rate. No timber.

12.00 N.0°07'E., bet. secs. 14 and 15, over rolling<sup>and</sup> mountainous land.  
 14.00 Wash, course SE., 100 lks. wide. Asc. on S. slope.  
 40.00 Top of ascent, bearing E. and W. Thence over rolling land.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼  
 S15 | S14  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

73.00 Wash, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

T25 N | R10 E  
 S10 | S11  
 S15 | S14  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains

Land, rolling and mountainous.  
Soil, rocky and gravelly; sandy, 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 11 and 14.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line 14 lks. N. of the cor. of secs.  
11, 13 and 14, and  $\frac{1}{4}$  sec. 12.

15.25 Thence N.  $89^{\circ}54'$  W., on a true line, bet. secs. 11 and 14,  
over rolling land,  
Head of small draw, course N. Thence over hills, general  
slope easterly.

20.00 Thence over gravelly surface of mesa.  
40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
S11

$\frac{1}{4}$   
S14  
1916

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

72.55 Thence over broken land.  
Wash, 20 lks. wide, course N.  
80.06 The cor. of secs. 10, 11, 14 and 15.

Land, rolling.  
Soil, 2nd and 3rd rate.  
No timber.

27.00 N.  $0^{\circ}07'$  E., bet. secs. 10 and 11,  
over broken rolling land, general slope, easterly;  
sandy soil, with malpais rocks.

32.40 Leave malpais rocks.  
Enter wash, course NE.  
38.80 Leave same.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
S10 | S11  
1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

43.00 Low spur, projecting NW.  
46.90 Enter wash, course NE.  
49.60 Leave same.  
51.70 Asc. over small cliff.  
57.50 Wash, course SE.  
69.80 Same wash, course SW.  
71.20 Small wash, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 3, 10, and 11, and  $\frac{1}{4}$  sec. 2,  
with brass cap,

T25N | R10W  
S3 | S2  
S10 | S11

1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Land, rolling and broken Soil, rocky; 3rd and 4th rate.  
No timber. Undergrowth, sage brush.

Subdivision of Portion of T. 25 N., R. 10 E.

Chains

40.00 East, on a random line, bet. sec. 11, and frac. sec. 2.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line 2 lks. S. of the cor. of sec. 11,  
 and frac. secs. 1, 2 and 12.  
 Thence S.  $89^{\circ}59'W.$ , on a true line, bet. sec. 11, and frac. sec. 2. Over rolling land.  
 15.00 Wash, course NE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 2  
 $\frac{1}{4}$   
 S11  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 45.00 Asc. on E. slope.  
 66.60 Ridge bears N. and S.  
 80.00 The cor. of secs. 3, 10 and 11, and frac. sec. 2.

Land, rolling and mountainous. Rolling.  
 Soil, gravelly clay; 3rd and 4th rate.  
 No timber.

40.00 North, on a random line, bet. sec. 3, and frac. sec. 2.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect N. bdy. of Tp. 23 lks E. of the reestablished cor. of sec. 3, and frac. sec. 2, as described in Book "C."  
 Thence S.  $0^{\circ}10'E.$ , on a true line, bet. sec. 3, and frac. sec. 2. over rolling and broken land, on general E. slope.  
 5.70 Wash, course E.  
 8.90 Old road bears E. and W.  
 20.30 Top of spur, projecting E.  
 40.30 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S3 | S2  
 1916

dig pits,  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 47.30 Ridge bears NW. and SE. Thence on SW. slope.  
 80.30 The cor. of secs. 3, 10 and 11, and frac. sec. 2.

Land, rolling and broken.  
 Soil, 4th rate.  
 No timber.  
 Undergrowth, sage brush.

From original std. cor. of secs. 33 and 34, on S. bdy. of Tp., (6th St. Par. N.) which is a stone, firmly set, marked and witnessed as described by the Surveyor General:  
 N.  $0^{\circ}06'E.$ , bet. secs. 33 and 34, over rolling land.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S33 | S34  
 1916

Chains

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

44.00 Desc. on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked

T25N | R10E  
S28 | S27  
-----  
S33 | S34

1916

dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.  
Soil, rocky volcanic ash; 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 27 and 34.  
Set temp. 1/4 sec. cor.

79.92 Intersect N. and S. line 5 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence S. 89° 58' W., on a true line, bet. secs. 27 and 34, over rolling land,

20.00 Asc. 170 ft., on NE. slope.

35.00 Top of rocky spur, projecting N. Desc. on NW. slope.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

S27  
-----  
1/4  
S34

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

45.00 Ft. of slope. Thence over nearly level ground.

79.92 The cor. of secs. 27, 28, 33 and 34.

Land, rolling and mountainous.  
Soil, clay and volcanic ash; 3rd and 4th rate.  
No timber.

N. 0° 06' E., bet. secs. 27 and 28, over rolling and mountainous land.

27.80 Desc. on broken W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4  
S28 | S27

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

55.00 Desc. on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap, marked

T25N | R10E  
S21 | S22  
-----  
S28 | S27

1916

Subdivision of Portion of T. 25 N., R. 10 E. 13

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

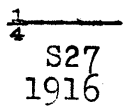
Land, rolling and mountainous.  
Soil, rocky; 4th rate.  
No timber.

40.00  
79.90

N. 89° 58' E., on a random line, bet. secs. 22 and 27.  
Set temp. 1/4 sec. cor.  
Intersect N. and S. line 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

39.95

Thence S. 89° 56' W., on a true line, bet. secs. 22 and 27, over nearly level mesa.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked  
S22



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

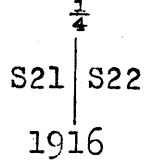
75.00  
79.90

Edge of mesa bears N. and S. Desc. over broken land.  
The cor. of secs. 21, 22, 27 and 28.

Land, nearly level mesa.  
Soil, clay and volcanic ash; 3rd rate.  
No timber.

11.00  
15.00  
25.00  
37.50  
40.00

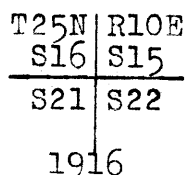
N. 0° 06' E., bet. secs. 21 and 22, over rolling and mountainous land.  
Desc. on N. slope over broken cliffs.  
Ft. of descent, in box canyon, course NE. Asc. on SE. slope, over broken cliffs.  
Summit of ascent bears NE. and SW. Thence over rolling land.  
Ancient stone ruins, 80 lks. W. of line.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
Extensive stone ruins of ancient houses, about 25 chs. W. of line.

59.30  
62.00  
63.80  
80.00

Desc. on N. slope.  
Wash, course E. Asc. on S. slope.  
Cliff, 30 ft. high, bears E. and W.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft high, W. of cor.

Land, rolling and mountainous.  
Soil, rocky; 4th rate.  
No timber.

14 Subdivision of Portion of T. 25 N., R. 10 E.

Chains	
	East, on a random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line, 8 lks. S. of the cor. of secs. 14, 15, 22 and 23.
	Thence S. $89^{\circ}57'$ W., on a true line, bet. secs. 15 and 22, over rolling and mountainous land, ascending on broken NE. slope.
6.50	Summit of ascent bears N. and S. Thence over level land.
22.50	Canyon, course NE.
40.07	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ S15 S22 1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
45.00	Canyon, course NE. Asc. on broken SE. slope.
60.00	Summit of ascent, bearing N. and S. Thence over rolling land.
80.14	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling and mountainous.
	Soil, rocky and sandy; 4th rate.
	No timber.
-----	
	N. $0^{\circ}06'$ E., bet. secs. 15 and 16, over rolling land.
30.00	Desc. on NW. slope.
40.00	On S. slope of red butte, Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ S16   S15 1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
61.50	Desc. into canyon.
65.00	Bottom of same, at bend; comes from SW., course NW. Asc.
73.50	Point of spur, projecting NW. Cliff 50 ft. high. Desc.
75.00	Bottom of same canyon, course NE. Asc.
79.50	Summit of ascent bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 9, 10, 15 and 16, with brass cap, marked
	T25N   R10E S9   S10 S16   S15 1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling and mountainous.
	Soil, rocky and gravelly; 4th rate.
	No timber.
-----	
	East, on a random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 16 lks. S. of the cor. of secs.

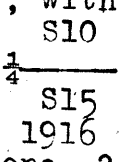


Chains

10, 11, 14 and 15.

Thence S.89°53'W., on a true line, bet.secs. 10 and 15, over rolling land.

- 5.00 Wash, 50 lks. wide, course N.
- 16.45 Box canyon, 50 lks. wide on bottom, course N.
- 33.00 Wash, course NE., 30 lks. wide.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



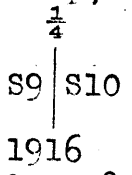
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

- 45.00 Asc. on NE. slope.
- 50.00 Summit of ascent, on N. side of small butte. Desc. on NW. slope.
- 59.60 Bottom of canyon, course NE. Asc. on E. slope.
- 64.50 Ridge bears N. and S. Desc. on NW. slope.
- 75.00 Bottom of draw, 150 lks. wide, course NE. Asc. on SE. slope.
- 79.98 The cor. of secs. 9, 10, 15 and 16.

Land, rolling and mountainous.  
Soil, rocky and gravelly; 4th rate.  
No timber.

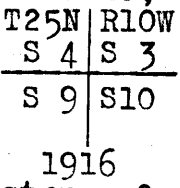
N.0°06'E., bet. secs. 9 and 10, over rolling & mountainous land.

- 7.00 Crevasse, 15 lks. wide, 30 ft. deep, bears E. and W., draining E.
- 38.50 Draw, 20 ft. deep, course E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for 1/4 sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

- 50.00 Asc. gradually, on SE. slope.
- 78.00 Summit of ascent, bearing E. and W. Desc. gradually, on NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 3, 4, 9 and 10, with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling and mountainous.  
Soil, loose and sandy; 4th rate.  
No timber.

- 40.00 East, on a random line, bet. secs. 3 and 10.
- 80.14 Set temp. 1/4 sec. cor.
- Intersect N. and S. line 5 lks. S. of the cor. of secs. 3, 10 and 11, and frac. 1/2 sec. 2.

Chains

40.07 Thence S. 89° 58' W., on a true line, bet. secs. 3 and 10,  
over nearly level land.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 3  
—  
 $\frac{1}{4}$   
S10  
1916

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

80.14 The cor. of secs. 3, 4, 9 and 10.

Land, slightly rolling.  
Soil, clay and volcanic ash; 3rd rate.  
No timber.

40.00 N. 0° 06' E., on a random line, bet. secs. 3 and 4.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.80 Intersect N. bdy. of Tp. 36 lks. E. of established cor. of  
secs. 3 & 4, described in book C.

Thence S. 0° 09' E., on a true line, bet. secs. 3 and 4,  
over rolling land, on gradual SE. slope.

9.80 Wash, course NE.

24.80 Wash, course NE.

33.00 Wash, course NE.

39.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
S4 | S3  
1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

49.80 Wash, course NE. Asc. over broken land, on gradual NE.  
slope.

79.80 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.  
Soil, alkali and gravelly; 4th rate.  
No timber.

From original cor. of secs. 28, 29, 32 and 33, which is a stone,  
firmly set, marked and witnessed as described by the  
Surveyor General;

40.00 East, on a random line, bet. secs. 28 and 33.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.96 Intersect N. and S. line 10 lks. S. of the cor. of secs.  
27, 28, 33 and 34.

Thence S. 89° 56' W., on a true line, bet. secs. 28 and 33,  
over broken land, through scattering undergrowth.

25.00 Desc. 65 ft. into wash.

30.00 Wash, course S. Asc. 75 ft.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S28  
—  
 $\frac{1}{4}$   
S33  
1916

dig pits, 12x12x12 ins., E. and W. of post, 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

Subdivision of Portion of T. 25 N., R. 10 E.

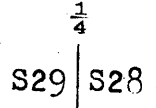
Chains

57.45 Wash, course NE.  
79.96 The orig. cor. of secs. 28, 29, 32 and 33.

Land, broken.  
Soil, clay and volcanic ash; 4th rate.  
No timber.  
Undergrowth, rabbit brush and soap weed.

N.0°05'E., bet. secs. 28 and 29,  
over rolling land.

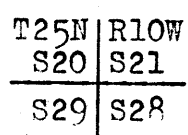
5.00 Ancient stone ruin, 100 lks. W. of line.  
7.00 Wash, 100 lks. wide, course NE. Asc. on S. slope.  
15.00 Summit of ascent bears E. and W. Thence over nearly level  
land.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec.cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 20, 21, 28 and 29, with brass  
cap, marked



1916

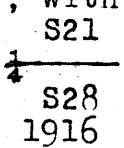
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling and nearly level.  
Soil, sandy and rocky; 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 21 and 28.  
Set temp. 1/4 sec. cor.  
79.88 Intersect N. and S. line 5 lks. S. of the cor. of secs.  
21, 22, 27 and 28.

Thence S.89°58'W., on a true line, bet. secs. 21 and 28,  
over broken land.

8.00 Wash, course NE.  
39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked



1916

Dig pits, 18x18x12 ins. E. & W. of post, 3 ft. dist., & raise a  
mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

79.88 The cor. of secs. 20, 21, 28 and 29.

Land, broken and rolling.  
Soil, clay and volcanic ash: 4th rate.  
No timber.

Chains

N.0°05'E., bet. secs. 20 and 21,  
over rolling land.

31.70

Asc. low bench, on S. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec.cor., with brass cap, marked

1/4  
S20 | S21

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

60.00

Desc. 100 ft., on N. slope, over broken cliffs.

65.00

Bottom of box canyon, course E. Asc. 85 ft., on S. slope,  
over broken cliffs.

66.85

Top of cliff 50 ft. high bears E.and W. Thence over level  
land.

67.65

Desc. 100 ft., on NE. slope.

74.10

Bottom of bend in same canyon, coming from SE., course NE.  
Asc. 85 ft., on SE. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 16, 17, 20 and 21, with brass  
cap, marked

T25N | R10E  
S17 | S16

S20 | S21

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling and mountainous.  
Soil, sandy and rocky; 4th rate.  
No timber.

40.00

East, on a random line, bet. secs. 16 and 21.

79.96

Set temp. 1/4 sec. cor.  
Intersect N. and S. line 9 lks. S. of the cor. of secs.  
15, 16, 21 and 22.

39.98

Thence S.89°56'W., on a true line, bet. secs. 16 and 21,  
over rolling land,

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

S16

1/4

S21

1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.

42.45

Wash, course NE.

55.00

Desc. on W. slope, over broken land.

62.00

Wash, course NE. Asc. on E. slope.

65.00

Spur, projecting N. Desc. 150 ft., on NW. slope, over broken  
cliffs.

72.20

Bottom of box canyon, course NE. Asc. 110 ft., on SE.  
slope, over broken cliffs.

79.96

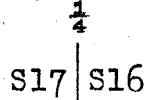
The cor. of secs. 16, 17, 20 and 21.

Land, rolling and mountainous.  
Soil, rocky and sandy; 4th rate.  
No timber.

N.0°05'E., bet. secs. 16 and 17,  
over rolling and mountainous land, ascending along broken

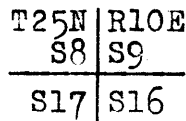
Chains

SE. slope.  
 20.00 Ridge bears NE. and SW. Desc. gradually, on NW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

71.00 Wash, 20 lks. wide, course E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 8, 9, 16 and 17, with brass cap, marked

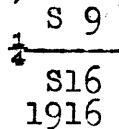


1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land rolling and mountainous.  
 Soil, rocky and sandy volcanic ash; 4th rate.  
 No timber.

40.00 East, on a random line, bet. secs. 9 and 16.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. and S. line 9 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence S.  $89^{\circ}56'$  W., on a true line, bet. secs. 9 and 16, over rolling and mountainous land, ascending on broken E. slope.  
 10.00 Summit of ascent. Thence along N. slope.  
 13.00 Desc. on NW. slope.  
 16.30 Draw, course NE. Asc. on E. slope.  
 20.00 Summit of ascent. Thence over rolling land.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

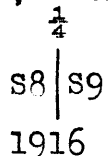


and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

55.00 Small red sandstone butte, 20 ft. high,  
 80.08 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and mountainous and rolling.  
 Soil, sandy and rocky; 4th rate  
 No timber.

N.  $0^{\circ}05'$  E., bet. secs. 8 and 9, over rolling land.  
 15.00 Wash, 20 lks. wide, course E.  
 30.00 Asc. on rocky S. slope.  
 37.00 Spur, projecting E. Desc. on NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

50.00 Cor is at ft. of descent. Thence along broken E. slope.  
Asc. on SE. slope.

56.00 Ridge bears NE. and SW. Desc. on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 4, 5, 8 and 9, with brass cap,  
marked

T25N	R10E
S5	S4
S8	S9

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, rolling and rolling mountainous.  
Soil, sandy and rocky; 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 4 and 9.  
Set temp. ¼ sec. cor.

79.92 Intersect ~~random line~~ at the cor. of secs. 3, 4, 9  
and 10.

Thence West, on a true line, bet. secs. 4 and 9,  
over broken land,

39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

S 4
¼
S 9
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.

44.90 Asc. on E. slope.

50.00 Summit of ascent.

68.00 Edge of mesa. Desc.

75.00 Wash, course S.

79.92 The cor. of secs. 4, 5, 8 and 9.

Land, broken.  
Soil, clay; 4th rate.  
No timber.

40.00 N.0°05'E., on a random line, bet. secs. 4 and 5.  
Set temp. ¼ sec. cor.

79.70 Intersect N. bdy. of Tp. 49 lks. E. of orig. cor. of secs.  
4, 5, 32 & 33, now referring to secs. 4 and 5 only, as de-  
scribed in Book "C."

Thence S.0°16'E., on a true line, bet. secs. 4 and 5,  
over rolling mountainous land. Desc. 30 ft. over cliffs.

1.70 Enter wash, course NE., coming from S. Asc. along same.

29.70 Leave wash, 150 lks. wide, coming from SW.

34.70 Red sandstone butte 10 ft. high.

39.70 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, for ¼ sec. cor., with brass cap, marked

¼	
S5	S4

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

55.70 Wash, 30 lks. wide, course NE. Asc. on broken NW. slope.

68.70 Spur, projecting W. Desc. on broken SW. slope.

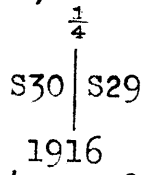
Chains

74.70 Thence along W. slope.  
79.70 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mountainous and rolling.  
Soil, rocky and sandy volcanic ash; 4th rate.  
No timber.

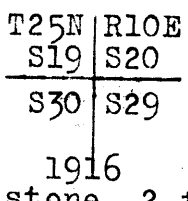
From orig. cor. of secs. 29, 30, 31 and 32, which is a stone, firmly set, marked and witnessed as described by the Surveyor General;

N.0°05'E., bet. secs. 29 and 30,  
over rolling land.  
1.00 Road bears NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high;  
W. of cor.

55.00 Wash, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked

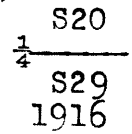


and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Land, rolling.  
Soil, clay and volcanic ash; 4th rate.  
No timber.

40.00 East, on a random line, bet. secs. 20 and 29.  
79.90 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line 26 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence N.89°49'W., on a true line, bet. secs. 20 and 29,  
over nearly level land.  
39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

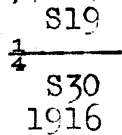
79.90 The cor. of secs. 19, 20, 29 and 30.

Land, nearly level.  
Soil, clay and volcanic ash; 3rd rate.  
No timber.

10.00 West, on a true line, bet. secs. 19 and 30,  
descending over broken land.  
Wash, course NE.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

Asc. on E. slope.

45.00 Thence desc. on W. slope.

47.30 Enter wash, course NE.

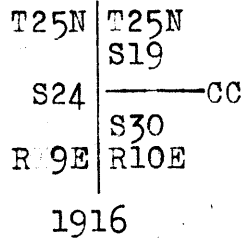
50.00 Leave same, and asc. over E. slope.

60.00 Thence over broken bench.

79.81 Intersect E. bdy. of Tp. 25 N., R. 9 E. 70 lks. N. of the the original cor. of secs. 19, 24, 25 & 30, now pertaining to secs. 24 & 25, T. 25 N., R. 9 E., only, as hereinbefore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap, marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

Land, broken.

Soil, rocky; 4th rate.

No timber.

From cor. of secs. 19, 20, 29 and 30, N.  $0^{\circ}05'E.$ , bet. secs. 19 and 20, over rolling land.

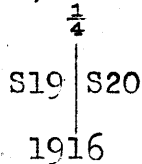
6.70 Desc. 55 ft., on NW. slope.

10.00 Ft. of descent.

17.50 Wash, course W. Asc. 70 ft., on S. slope.

29.00 Summit of ascent.

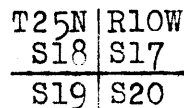
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

75.00 Draw, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked



1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, rolling, mountainous and rolling.

Soil, clay and volcanic ash.

No timber.



Chains

East, on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N. and S. line 22 lks. N. of the cor. of secs.  
 16, 17, 20 and 21.

Thence N.  $89^{\circ}51'W.$ , on a true line, bet. secs. 17 and 20,  
 over rolling land,

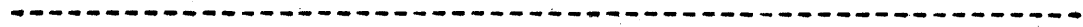
5.00 Draw, course NE.  
 40.06 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post in the ground) for  
 $\frac{1}{4}$  sec. cor., with brass cap, marked

S17  
 $\frac{1}{4}$   
 S20  
 1916

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

50.00 Asc. on E. slope.  
 56.00 Thence desc. gradually, on NW. slope.  
 69.13 Wash, course NE.  
 80.12 The cor. of secs. 17, 18, 19 and 20.

Land, broken.  
 Soil, rocky clay and volcanic ash; 4th rate.  
 No timber.



West, on a true line, bet. secs. 18 and 19,  
 over nearly level land.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S18  
 $\frac{1}{4}$   
 S19  
 1916

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

79.70 Intersect E. bdy. of T. 25 N., R. 9 E., 97 lks. N. of orig.  
 cor. of secs. 13, 18, 19 and 24, which is a stone,  
 firmly set, marked and witnessed as described by the  
 Surveyor General. This cor. will henceforth pertain  
 solely to secs. 13 and 24, T. 25 N., R. 9 E.

At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 18 and 19, with brass  
 cap, marked

T25N	T25N
S13	S18
R9E	R10E

CC

1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 E. of cor.

Land, broken.  
 Soil, clay and volcanic ash; 4th rate.  
 No timber.



From cor. of secs. 17, 18, 19 and 20,  
 N.  $0^{\circ}05'E.$ , bet. secs. 17 and 18,  
 over broken land.  
 29.00 Wash, course NE. Thence over slight ascent.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

24

## Subdivision of Portion of T. 25 N., R. 10 E.

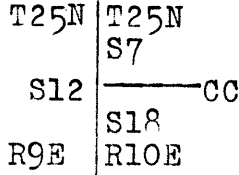
Chains

	$\frac{1}{4}$ S18   S17 1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Ridge bears NE. and SW. Desc. slightly. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked T25N   R10E S7   S8 S18   S17 1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling and broken. Soil, clay and volcanic ash; 4th rate. No timber.
65.00	
80.00	
<hr style="border-top: 1px dashed black;"/>	
40.00	East, on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect N. and S. line 31 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence N. $89^{\circ}47'W.$ , on a true line, bet. secs. 8 and 17, over rolling land.
35.00	Wash, 30 lks. wide, course NE.
40.15	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked S 8 $\frac{1}{4}$ S17 1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
60.00	Asc. on E. slope of low ridge.
65.00	Top of same bears NE. and SW. Desc. gradually, on W. slope.
80.30	The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, rocky and sandy; 4th rate. No timber.
<hr style="border-top: 1px dashed black;"/>	
	West, on a true line, bet. secs. 7 and 18, over rolling land.
30.00	Wash, 20 lks. wide, course NE.
37.00	Wash, 15 lks. wide, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked S 7 $\frac{1}{4}$ S18 1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
50.00	Wash, 30 lks. wide, course NE.
65.00	Wash, course NE., 50 lks. wide.
79.56	Intersect E. bdy. of T. 25 N., R. 9 E., 126 lks. N. of orig- inal cor. of secs. 7, 12, 13 and 18, which is a stone, firmly set, marked and witnessed as described by the Surveyor General. This cor. will henceforth pertain solely to secs. 12 and 13, T. 25 N. R. 9 E.

Subdivision of Portion of T. 25 N., R. 10 E. 25

Chains

At point of intersection  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

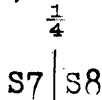
Land, rolling.

Soil, sandy and rocky; 4th rate.  
No timber.

From cor. of secs. 7, 8, 17 and 18,  
N. 0° 05' E., bet. secs. 7 and 8,  
over broken land.

25.00  
32.00  
40.00

Wash, course E.  
Top of steep bank of wash. Desc.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

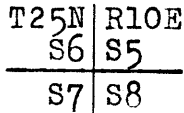


1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

45.00  
52.00  
65.00  
80.00

Wash, course E. Asc.  
Top of bank of wash. Desc.  
Wash, course E. Asc. over rocky, broken land.  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to set post in the ground.

Land, broken.

Soil, clay; 4th rate.  
No timber.

East, on a random line, bet. secs. 5 and 8.

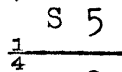
40.00  
80.30

Set temp. 1/4 sec. cor.  
Intersect N. and S. line 17 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence N. 89° 53' W., on a true line, bet. secs. 5 and 8, over rolling, broken land,

40.15

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

60.30

Wash, course NE.

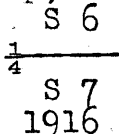
Chains

80.30 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken.  
Soil, clay and volcanic ash; 3rd and 4th rate.  
No timber.

16.70 West, on a true line, bet. secs. 6 and 7,  
ascending slightly over open land.  
Summit of ascent. Desc. gradually, over gentle W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, (impracticable to set post in the ground) for  $\frac{1}{4}$   
sec. cor., with brass cap, marked

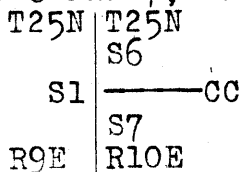


and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

79.30 Intersect E. bdy. of T. 25 N., R. 9 E., 158 lks. N. of original cor.  
of secs. 1, 6, 7 & 12 which is a stone, firmly set, marked and  
witnessed as described by the Surveyor General. This  
cor. will henceforth pertain solely to secs. 1 and 12,  
T. 25 N., R. 9 E.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., in a mound  
of stone, (impracticable to set post in the ground) for  
closing cor. of secs. 6 and 7, with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
E. of cor.

Land, rolling and broken.  
Soil, clay loam; 3rd and 4th rate.  
No timber.

From cor. of secs. 5, 6, 7 and 8,  
North, on a random line, bet. secs. 5 and 6.

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

79.40 Intersect N. bdy. of Tp. 10 lks. E. of the reestablished  
cor. of secs. 5 & 6, described in Book "C."

Thence S. 0° 04' E., on a true line, bet. secs. 5 and 6,  
over broken land.

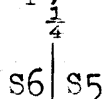
4.40 Asc.

9.40 Top of bank of wash. Desc. into same.

14.40 Wash, course NE. Road bears NE. and SW. Asc. over rocky  
land.

22.40 Ridge bears E. and W. Thence over broken land.

39.40 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, (impracticable to set post in the ground) for  $\frac{1}{4}$   
sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

79.40 The cor. of secs. 5, 6, 7 and 8.  
Land, broken. Soil, clay and rock; 4th rate. No timber.

Meanders of the left bank of the Little Colorado river, down stream.

From the meander cor. of fracl. secs. 7 and 12, on E. bdy. of township, described in Book "A,"

Thence with meanders in fracl. sec. 12. Over nearly level sandy land.

N. 32 $\frac{1}{2}$ ° W.	5.00 chs.	
N. 16 $\frac{1}{2}$ ° W.	20.00 chs.	Along edge of lava bed.
N. 32° W.	15.80	To meander cor. of fracl. secs. 1 and 12, hereinbefore described.

Land, nearly level. Soil, sandy, 1st and 2nd rate. No timber.

Thence in fracl. sec. 1. Over rolling land.

N. 35 $\frac{1}{4}$ ° W.	15.00 chs.	
N. 28° W.	15.00 chs.	
N. 37 $\frac{3}{4}$ ° W.	25.00 chs.	To rocky lava point.
N. 46 $\frac{3}{8}$ ° W.	6.80 chs.	
N. 60 $\frac{3}{4}$ ° W.	9.00 chs.	Along rapids, known as Black Falls.
S. 82 $\frac{1}{2}$ ° W.	8.40 chs.	
S. 87 $\frac{1}{2}$ ° W.	10.00 chs.	On this course
		1.00 ch. Leave lava; enter malpais, gypsum, soapstone, sand.
		5.00 chs. Along foot of 30 ft. cliff, to end of course.
West,	1.50 chs.	To true point for meander cor. of fracl. secs. 1 and 2, witnessed 75 lks. S. 0° 7' W., as hereinbefore described.

Land, rolling and broken. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, sage brush.

From true point for meander cor. of fracl. secs. 1 and 2, witnessed as hereinbefore described,

Thence in fracl. sec. 2. Over rolling and broken land.

N. 84 $\frac{1}{2}$ ° W.	21.00 chs.	Along broken rocky cliffs, 30 ft. high.
N. 44 $\frac{1}{2}$ ° W.	9.40 chs.	
N. 29 $\frac{1}{2}$ ° W.	7.70 chs.	
N. 4° E.	9.40 chs.	
N. 59° W.	4.70 chs.	
West,	21.70 chs.	
S. 77° W.	9.30 chs.	
N. 10 $\frac{1}{2}$ ° E.	2.00 chs.	
N. 85 $\frac{1}{4}$ ° W.	2.60 chs.	To meander cor. on Tp. bdy. bet. fracl. secs. 2 and 35, described in Book "C."

Land, rolling, broken. Soil, 4th rate, sandy. No timber.

GENERAL DESCRIPTION.

This township, situated in the north central portion of the State of Arizona, on the Little Colorado River, is rolling and mountainous, with numerous mesas ranging in size from 20 to 1000 acres in area. The soil is mostly 4th rate, being sandy, gravelly, rocky, clay and volcanic ash. Near the river is some first rate soil, but does not occur over any considerable area. There is no timber in the township, and very little undergrowth. The township is not suitable for grazing purposes, owing to the fact that there is no grass. No evidence of valuable mineral deposits exists, and there are no springs or permanent running water, except in the Little Colorado river. The drainage of the Tp. is mainly NE., thru dry washes, and draws and canyons into the Little Colorado river, which passes thru the NE. part of the township, course NW., and forms part of the W. bdy. of the NAVAJO INDIAN RESERVATION.

There are no settlers in the portion of the township subdivided under this group, and no improvements.

Some old ruins of stone houses are observed in secs. 21, 29, and 30, and near the W. bdy. of the Tp. No good roads traverse the township.

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Boundaries of that portion of Township 25 North, Range 10 East, subdivided under this Group.  
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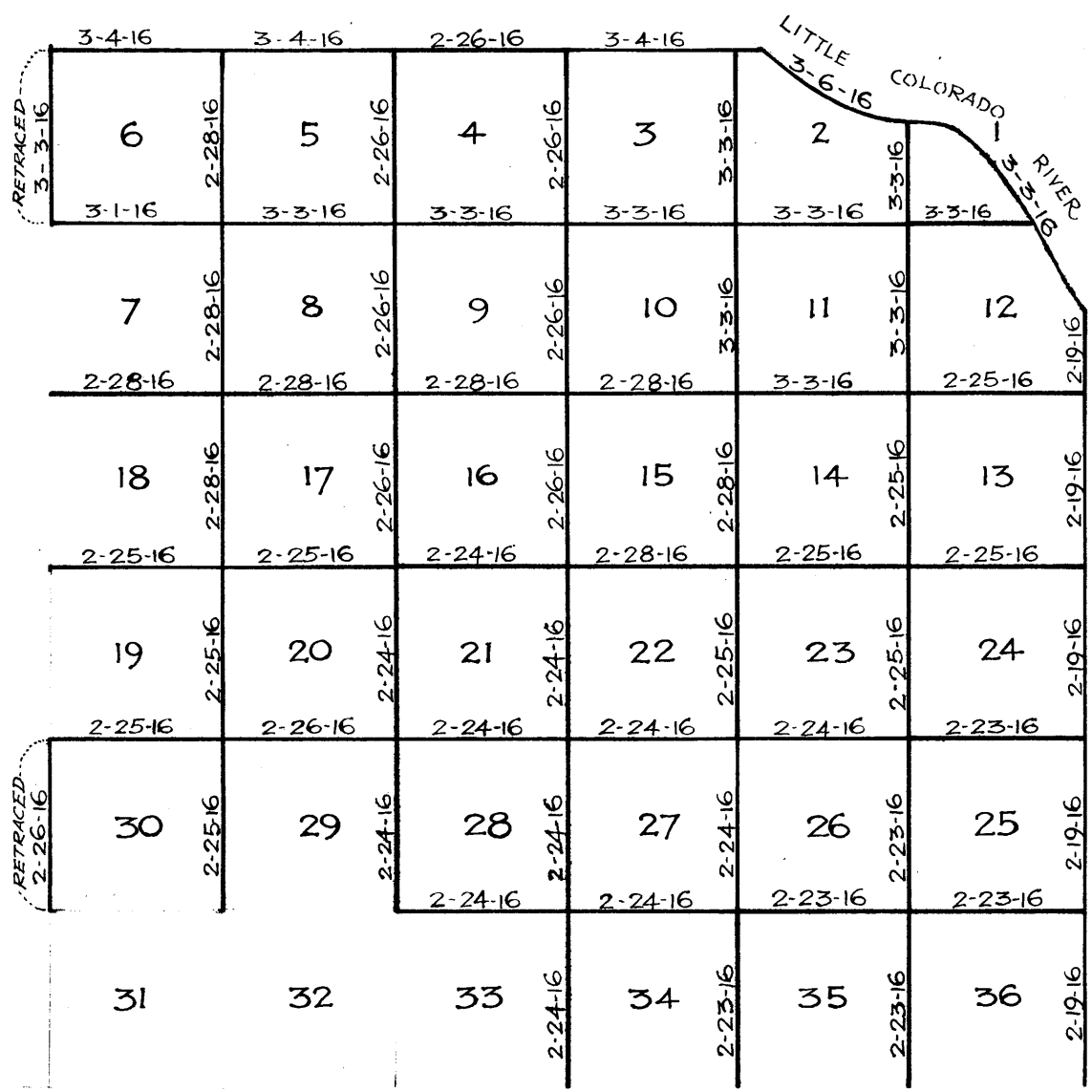
## Latitudes, departures and closing errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (6th. Std. Par. N.)	West,	320.00				320.00
Subdivisional boundary,	N. 0° 3' W.	80.00	80.00	.03		.07
	S. 89° 58' W.	80.02		.05	.05	80.20
	S. 89° 51' W.	80.20		.21	.21	80.20
West boundary,	N. 0° 9' E.	40.10	40.10		.11	
	N. 0° 3' W.	39.20	39.20			.03
	North,	240.00	240.00			
	N. 0° 1' E.	80.38	80.38		.03	
North boundary,	N. 89° 42' E.	332.14	1.74		332.14	
Meanders Left Bank Little Colo. river,	Various,	Various,	4.42	121.28	149.20	1.03
East boundary,	South,	3.20		3.20		
	S. 0° 8' W.	40.00		40.00		.09
	S. 0° 15' W.	40.02		40.02		.17
	South,	40.00		40.00		
	S. 0° 15' W.	40.08		40.08		.17
	South,	40.00		40.00		
	S. 0° 15' W.	40.06		40.06		.17
	South,	40.10		40.10		.17
South,	40.06		40.06		.17	
South,	40.02		40.02			
Convergency,					.47	
Totals,			485.84	485.08	481.95	482.12
			485.08			481.95
Error in latitude,			0.76			
Error in departure,					0.17	

T. 25 N., R. 10 E.

Date Diagram

BOOK 3261



Lines run by Surveyor Johnston on dates shown above.

" " " Transitman Inch " " " "

BOOK 3261

4-680

## FIELD ASSISTANTS. to

Philip L. Inch, U. S. Transitman.

NAMES.	CAPACITY.
Ernest C. Johnston,	1st chainman.
H. E. Longmaid,	2nd chainman,
Neil O'Connell,	Flagman.
Chas. E. Rubi,	Axman,
Gregario C. Gonzales,	Moundman.



CERTIFICATE OF UNITED STATES SURVEYOR-  
Transitman.

UNIV. 21. 1918

BOOK 3261

I, Philip L. Inch, U.S. Transitman ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 66, Arizona, bearing date of the 4th day of January, 1916, 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~~ retraced all those parts or portions of the West Boundary, and surveyed a portion of the Subdivision lines, and a Portion of the Meanders of the left bank of the Little Colo. River within

TOWNSHIP 25 NORTH, RANGE 10 EAST,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 29 hereof the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of retracement and 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 Group 66, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement & survey.

*Philip L. Inch*  
U. S. Surveyor.

U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by

under his special instructions dated , 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in , has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

BOOK 3261

4-680

FIELD ASSISTANTS. to

Theodore O. Johnston, U. S. Surveyor.

NAMES.	CAPACITY.
Grant S. Johnston,	1st chainman,
Theodore VanderMeer,	2nd chainman,
Aaron J. Oppenheim,	Flagman,
Chester M. Johnson,	Moundman,
J. H. Wood,	Axman.

BOOK 3261

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Theodore O. Johnston, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 66, Arizona, bearing date of the 4th day of January, 1916, 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 the Subdivision lines, and Meanders of the left bank of the Little Colorado River within TOWNSHIP 25 NORTH, RANGE 10 EAST, of the Gila and Salt River Base & Meridian, in the State of Arizona, and by diagram on page 29 hereof the foregoing field notes, as having been executed by me, and under my direction; and 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 Group 66, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Theodore O. Johnston U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. FEB 6, 1919.

The foregoing field notes of the retracement of a portion of the West boundary and the survey of a Portion of the Subdivision lines, and the Meanders of the left bank of the Little Colorado River within of the Gila and Salt River Base and Meridian, in the State of Arizona, TOWNSHIP 25 NORTH, RANGE 10 EAST, of the Gila and Salt River Base & Meridian, in the State of Arizona, executed by Theodore O. Johnston, U.S.S. and Philip L. Inch, U.S.T. under his special instructions dated Jan. 4, 1916, for Gp. 66, Ariz., 1916, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

James R. Frost U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.