

3165

Book "D"

NOV. 3-1913

4-679

BOOK 3165

FIELD NOTES

OF THE SURVEY OF THE

West and North boundaries, and

Subdivision lines of

TOWNSHIP 13 NORTH, RANGE 8 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theo. O. Johnston,

and

Chas. M. Pidgeon

In the capacity of U. S. Surveyors, under instructions dated October 5, 1915, issued by the United States Surveyor General to govern surveys included in Group No 60, which were approved by the Commissioner of the General Land Office, October 25, 1915.

Survey commenced May 1, 1916.

Survey completed April 6, 1917.

Executed under Assignment
Instructions dated Dec. 7, 1915 and Nov. 25, 1916.

3165

3165

(A)

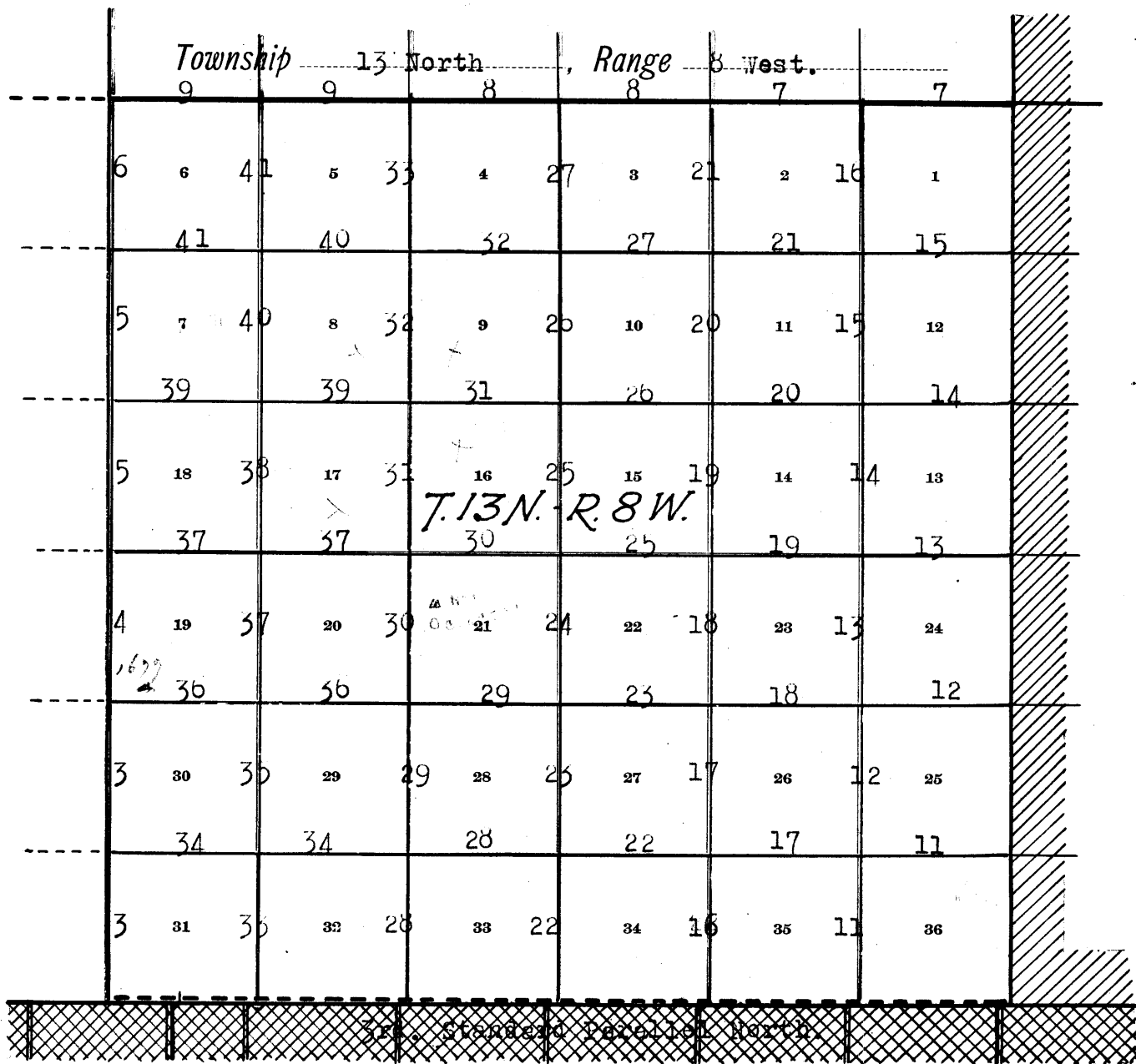
3165

Book "D"

BOOK 3165

Group 60 - - Arizona.

INDEX DIAGRAM.



———— Lines surveyed under this group. Notes in this book. 3165

———— Lines surveyed under this group. Notes in Book "I." 3170

———— Accepted surveys.

----- Unsurveyed.

//// Areas surveyed as per accepted plats on file.

Area surveyed under current group N° 36.

----- Lines resurveyed under current group N° 36.

———— Lines surveyed under current group N° 36.

DATE DIAGRAM.

Book "D"

Group 60 - - - - - Arizona.

Township 13 North, Range 8 West.

	4-3-17	4-2-17	4-2-17	4-2-17	4-2-17	3-31-17
4-3-17	16	52	4	3	2	1
3-30-17	3-30-17	4-4-17	3-27-17	3-31-17	3-23-17	
3-28-17	7	8	9	10	11	12
3-29-17	3-29-17	3-27-17	3-24-17	3-23-17	3-23-17	
3-28-17	18	17	16	15	14	13
3-29-17	3-26-17	3-24-17	3-22-17	3-21-17	3-19-17	
3-28-17	19	20	21	22	23	24
3-26-17	3-17-17	3-23-17	3-21-17	3-19-17	5-3-16	
3-21-17	30	29	28	27	26	25
3-20-17	3-17-17	5-5-16	3-20-17	5-3-16	5-3-16	5-1-16
3-20-17	31	32	33	34	35	36
3-17-17	3-17-17	5-5-16	5-2-16	5-1-16	5-1-16	

3rd Standard Parallel North.

Surveys executed on dates on as shown in black on above diagram by Chas.M.Pidgeon, U.S. Surveyor.

Surveys executed on dates as shown in red on above diagram by Theo. O. Johnston, U. S. Surveyor.

Chains.

Surveys hereinafter described, executed by Chas. M. Pidgeon, and Theo. O. Johnston, U. S. Surveyors, on dates shown on diagram on page 1 hereof, using Heitzler solar transit No. 52, and Buff solar transit No. 9939, respectively, the former instrument described in Book "A," and the latter in Book "C."

Test of Heitzler Instrument.

Having corrected all errors in the adjustments of transit, proceed as follows; to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris:

April 30, 1916. At camp in the southeastern quarter of sec. 10, T. 13 N., R. 8 W., lat. $34^{\circ} 28' N.$; long. $113^{\circ} 5' W.$, at 4h. 59.4m., a.m., l.m.t., by my watch, which is set to correct local mean time, observe Polaris at eastern elongation, in accordance with the manual of instructions, and mark a point in the line thus determined by a tack driven in a stake, set in the ground, 5 chs. N. of station.

At 6h. 45m., a.m., l.m.t., lay off the azimuth of Polaris, $1^{\circ} 23'$ to the W., and mark the meridian thus determined by a tack driven in a stake, set in the ground 5 chs. N. of my station.

At 7h. 0m., a.m., l.m.t., set off $34^{\circ} 28' N.$ on the lat. arc; $14^{\circ} 48\frac{1}{2}' N.$ on the decl. arc, and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris.

At apparent noon, set off $14^{\circ} 51\frac{1}{2}' N.$ on the decl. arc, and observe the sun on the meridian; the resulting lat. is $34^{\circ} 28' N.$

At 4h. 0m. p.m., l.m.t., set off $34^{\circ} 28' N.$ on the lat. arc; $14^{\circ} 56' N.$ on the decl. arc, and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris.

The solar apparatus by a.m. and p.m. observations defines positions for meridians which coincide with the meridian determined by observations on Polaris at elongation; therefore, conclude that the adjustments of the instrument are satisfactory.

TEST OF BUFF INSTRUMENT.

March 16, 1917. Examine the adjustments of the transit, and correct all errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations, made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, proceed as follows:

At camp in sec. 22, T. 13 N., R. 8 W., in lat. $34^{\circ} 27' N.$; long. $113^{\circ} 5' W.$, at 7h. 50m., p.m., l.m.t., by watch, which is set to correct local mean time, observe Polaris at western elongation, in accordance with the manual of instructions, and mark a point in the line thus determined by a tack in a stake set in the ground, 5 chs. N. of station.

March 17, 1917. At 7h. 45m. a.m., l.m.t., lay off the azimuth of Polaris, $1^{\circ} 22\frac{1}{2}'$ to the east, and mark a point in the line thus determined by a tack in a stake set in the ground 5 chs. N. of station.

At 8h. 0m. a.m., l.m.t., set off $34^{\circ} 27' N.$ on the lat. arc; $1^{\circ} 22\frac{1}{2}' S.$ on the decl. arc; and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris at elongation.

Survey of West Boundary of T. 13 N., R. 8 W.

3.

Chains.

At apparent noon, I set off $1^{\circ} 19\frac{1}{2}'$ S. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $34^{\circ} 27'$ N.

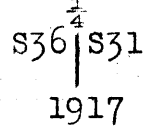
At 4 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 27'$ N. on the lat. arc; $1^{\circ} 14\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris at elongation.

The solar apparatus, by a.m. and p.m. observations, defines positions for meridians which coincide with the meridian determined by observations on Polaris; therefore I conclude that the instrument is in satisfactory adjustment.

Indices U.S.S. 1870, N. 3, are inserted at the beginning of the notes describing respective surveys of J. C. Johnston, & Chas. H. Tidwell, N. 3, Surveyors.

From the standard cor. of Ts. 13 N., Rs. 8 and 9 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

North bet. secs. 31 and 36.
 Over mountainous land, through scattering undergrowth.
 Asc. 345 ft.
 10.60 High peak. Desc. 345 ft.
 24.10 Gulch, course $N.75^{\circ} E.$ Thence along broken E. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 55.00 Desc. 650 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, in a mound of stone, for cor. of secs. 25, 30 31 and 36, marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, crucifixion thorn and greasewood.

North bet. secs. 25 and 30.
 Over mountainous land, through scattering undergrowth.
 Desc. 120 ft.
 3.10 Fence, brs. $N.80^{\circ} E.$ and $S.80^{\circ} W.$
 10.30 Left bank of Santa Maria River, brs. E. and W.
 11.78 Santa Maria River, stream of water 75 lks. wide, 8 ins. deep, course W.
 17.80 Right bank of Santa Maria River, brs. E. and W.
 20.00 Asc. 315 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

4. Survey of West Boundary of T. 13 N., R. 8 W.

Chains.

$\frac{1}{4}$
 S25 | S30
 1917

- 43.40 Road, brs. NW. and SE.
- 49.00 Ridge, brs. NW. and SE. Desc. 75 ft.
- 59.80 Gulch, course S.50° E. Asc. 195 ft.
- 73.00 Ridge, brs. N.48° W. and S.48° E. Desc. 65 ft.
- 78.10 Road, brs. NW. and SE.
- 79.70 Gulch, course E. Asc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, in a mound of stone, for cor. of secs. 19, 24, 25 and 30, marked on brass cap

T13N
 R9W R8W
 S24 | S19
 S25 | S30
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde, mesquite, greasewood and arrow weed.

- 3.80 North bet. secs. 19 and 24. Over mountainous land, through scattering undergrowth. Asc. 65 ft.
- 7.53 Concrete wall, foundation of old Sultan Mill, 150 ft. long, brs. N.80° E. and S.80° W.
- 10.50 Spur, slopes SE. Desc. 90 ft.
- 40.00 Gulch, course S.30° E. Asc. 660 ft.
- Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$
 S24 | S19
 1917

- 50.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 60.00 Ridge, brs. N.48° W. and S.48° E. Desc. 30 ft.
- 75.00 Asc. 110 ft.
- 80.00 Desc. 45 ft.
- Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 13, 18, 19 and 24, marked on brass cap

T13N
 R9W R8W
 S13 | S18
 S24 | S19
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

Chains.

North, bet. secs. 13 and 18.
Over mountainous land, thru scattering undergrowth.
Descend 175 ft.

- 10.00 Gulch, course SE.
- 16.00 Same gulch, course S. 15° W. Ascend 220 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 13 | S 18
1917

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

- 54.00 Short spur, slopes S. 75° E. Descend 115 ft.
- 65.00 Gulch, course S. 85° E. Spring down gulch about 25 chs. dist. Ascend 300 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,

T13N
R9W | R8W
S12 | S 7
S13 | S18
1917

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

Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, catclaw, palo verde and greasewood.

North, bet. secs. 7 and 12.
Over mountainous land, thru scattering undergrowth and timber.

Ascend 25 ft. to

- 2.70 Ridge, brs. N. 80° E. and S. 80° W. Descend 195 ft.
- 18.00 Gulch, course N. 55° W. Thence along W. slope.
- 24.00 Gulch, course W. Ascend 45 ft.
- 38.80 Spur, slopes N. 75° W. Descend 110 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 12 | S 7
1917

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

- 45.00 Gulch, course S. 80° W. Ascend 155 ft.
- 60.00 Enter land strewn with boulders.
- 65.00 Descend 35 ft.
- 72.00 Gulch, course S. 70° W. Ascend 70 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

T13N
R9W | R8W
S 1 | S 6
S12 | S 7
1917

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

6. Survey of West bdy. of Township 13 North, Range 8 West.

Chains

Land, mountainous.
Soil, rocky, 4th rate; large granite boulders.
Timber, juniper.
Undergrowth, catclaw, scrub oak, scrub mahogany, and palo verde.

North, bet. secs. 1 and 6.
Over mountainous land, thru. scattering timber and undergrowth.

Ascend 355 ft.

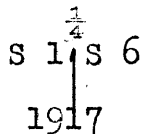
11.60 Ridge, brs. E. and W. Descend 305 ft.

29.00 Gulch, course N. 15° E.

33.00 Enter same gulch, course N.

38.20 Leave gulch, course N. 25° E. Ascend 120 ft.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



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

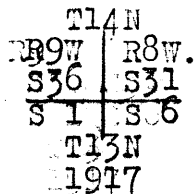
45.00 Thence along broken E. slope.

62.60 Descend 125 ft.

75.00 Ascend.

76.80 Spur, slopes N. 15° E. Descend 265 ft.

82.38 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 13 and 14 N., Rs. 8 and 9 W., marked on brass cap,



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

Land, mountainous.
Soil, rocky, large granite boulders, 4th rate.
Timber, juniper.
Undergrowth, catclaw, palo verde, scrub oak, scrub mahogany and greasewood.

Survey of North Boundary of T. 13 N., R. 8 W.

Chains.	
	From orig. cor. of Ts. 13 and 14 N., Rs. 7 and 8 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, West on a random line, along the N. bdy. of T. 13 N., R. 8 W., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.; and at 477.89 chs., intersect the W. bdy. of Tp., 82.38 chs. N. of the cor. of secs. 1, 6, 7 and 12. This intersection determines the position of the cor. of Ts. 13 and 14 N., Rs. 8 and 9 W., hereinbefore described. I return to the cor. of Ts. 13 and 14 N., Rs. 7 and 8 W.
	Thence West on a true line, bet. secs. 1 and 36. Over level mesa, through scattering undergrowth.
20.50	Left bank of N. Fork of Santa Maria River, brs. N. 35° E. and S. 35° W.
20.60	Edge of Santa Maria River, 1 ch. wide, course S. 35° W.
25.30	Right bank of N. Fork of Santa Maria River, brs. N. 35° E. and S. 35° W. Asc. 50 ft.
29.50	Desc. 25 ft.
37.00	Alkali springs on line. Asc. 105 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S 36 \\ S 1 \\ 1917 \end{array}$
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
41.30	Spur, slopes S. 50° E. Desc.
44.00	Gulch, course SE. Asc. 380 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 35 and 36, marked on brass cap
	$\begin{array}{r} T14N R8W \\ S35 S36 \\ \hline S 2 S 1 \\ T13N \\ 1917 \end{array}$
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous. Soil, rocky, 4th rate. Timber, ash, cottonwood and willow along river. Undergrowth, cat claw, mesquite, palo verde and greasewood.
	West on a true line, bet. secs. 2 and 35. Over mountainous land, through scattering undergrowth. Asc. 35 ft.
2.05	Edge of mesa, brs. N and S. Thence over level mesa.
18.35	Leave mesa, brs. NW. and SE. Desc. 465 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S 35 \\ S 2 \\ 1917 \end{array}$
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
56.20	Gulch, course S. 25° W. Asc.
59.50	Road, brs. N. 10° W. and S. 10° E.
64.50	Telephone line, brs. N. $27\frac{1}{2}^\circ$ W. and S. $27\frac{1}{2}^\circ$ E. Desc. 15 ft.
65.00	Gulch, course S. 20° W. Asc. 190 ft.
79.40	Ridge, brs. NE. and SW. Desc.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 2, 3,

8. Survey of Northwest Boundary of T. 13 N. R. 8 W.

Chains.

34 and 35, marked on brass cap

T14N R8W
 $\frac{S34}{S3} | \frac{S35}{S2}$
 T13N
 1917

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

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, cat claw, mesquite, palo verde and greasewood.

West on a true line, bet. secs. 3 and 34.

Over mountainous land, through scattering undergrowth.

Desc. 145 ft.

6.70 Yavapai Creek, course S.20° W. Asc. 460 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4} \frac{S34}{S3}$
 1917

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

41.60 Spur, slopes S.15° W. Desc. 100 ft.

49.00 Gulch, course S.10° E. Asc. 195 ft.

51.65 Thence along broken S. slope.

69.15 Desc. 95 ft.

73.70 Bend in gulch, from SW., course SE. Asc. 55 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T14N R8W
 $\frac{S33}{S4} | \frac{S34}{S3}$
 T13N
 1917

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, cottonwood along gulch.

Undergrowth, cat claw, scrub mahogany, palo verde and greasewood.

West on a true line, bet. secs. 4 and 33.

Over mountainous land, through scattering undergrowth.

Desc. 70 ft. to

1.60 Gulch, course S.20° E. Asc. 390 ft.

33.40 Desc. 55 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4} \frac{S33}{S4}$
 1917

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

Asc. 70 ft.

48.80 Desc. 50 ft.

Survey of North Boundary of T. 13 N., R. 8 W. 9.

Chains.

- 52.80 Gulch, course S.80° E.
- 57.00 Same gulch, course N.80° E.
- 61.00 Same gulch, course S.87° E. Asc. 185 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T14N R8W
 S32 | S33
 S 5 | S 4
 T13N
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, scrub mahogany, palo verde, mesquite and greasewood.

- West on a true line, bet. secs. 5 and 32.
- Over mountainous land, through scattering timber and undergrowth.
- Desc. 40 ft.
- 1.70 Gulch, course NE. Asc. 180 ft.
- 18.00 Ridge, brs. N.50° E. and S.50° W. Desc. 50 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for ½ sec. cor., marked on brass cap

S32
 ¼ S 5
 1917

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

- 53.00 Gulch, course N. Asc. 60 ft.
- 62.85 Desc. 130 ft.
- 70.00 Gulch, course N.75° E. Asc. 155 ft.
- 79.00 Ridge, brs. N.20° E. and S.20° W. Desc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T14N R8W
 S31 | S32
 S 6 | S 5
 T13N
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, a few juniper trees.
 Undergrowth, cat claw, palo verde, scrub oak, scrub mahogany and greasewood.

- West on a true line, bet. secs. 6 and 31.
- Over mountainous land, through scattering timber and undergrowth.
- Desc. 160 ft.
- 11.70 Gulch, course N.10° W. Asc. 45 ft.
- 30.00 Desc. 50 ft.
- 35.00 Asc. 15 ft.

10. survey of North Boundary of T. 13 N., R. 8 W.

Chains.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on granite ledge rock, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ $\frac{S31}{S6}$
 1917

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

40.40 Ridge, brs. NW. and SE. Desc. 55 ft.
 50.00 Asc. 40 ft.
 61.70 Short spur, slopes S. Desc. 140 ft.
 65.50 Gulch, course N.15° W. Asc. 130 ft.
 76.40 Ridge, brs. N.15° W. and S.15° E. Desc. 15 ft.
 77.89 The cor. of Ts. 13 and 14 N., Rs. 8 and 9 W.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, cat claw, scrub oak, scrub mahogany, palo verde and greasewood.

Boundaries of Township 13 North, Range 8 West.
 . Latitudes, departures, and closing errors.

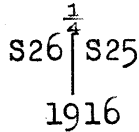
Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary (3rd Sec. Par. N.),	West,	478.56				478.56
West boundary,	North,	482.38	482.38			
North boundary,	East,	477.89			477.89	
East boundary,	South,	482.65		482.65		
Convergency,					.50	
Totals,			482.38	482.65	478.39	478.56
				482.38		478.39
				Error in latitude,	.27	
				Error in departure,		.17

survey of Subdivision of T. 13 N. R. 8 W.

Chains.	<p>From the most ab. std. cor. of secs. 35 & 36 on S. bdy. of Tp. (3rd Std. Par. N.) which is an iron post, properly set, marked and witnessed as described in notes of current group No. 36.</p> <p>N.0° 1' W., bet. secs. 35 and 36. Over rolling land, through scattering undergrowth. Desc. 25 ft.</p> <p>14.40 Gulch, course W. Asc. 55 ft. 18.55 Desc. gradually, 40 ft. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ S35 \uparrow S36 \\ 1916 \end{array}$ </div> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>48.30 Asc. 150 ft. 64.70 Ridge, brs. N.50° W. and S.50° E. Desc. 230 ft. 80.00 Set an iron post, 3 ft long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap</p> <div style="text-align: center;"> $\begin{array}{c} T13N R8W \\ S26 S25 \\ \hline S35 S36 \\ 1916 \end{array}$ </div> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling and mountainous. Soil, granite boulders and loose rocks; 4th rate, No timber. Undergrowth, cat claw, mesquite, scrub oak and palo verde.</p>
40.00 79.91 6.95 39.95 $\frac{1}{2}$	<p>East on a random line, bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of Tp., 44 lks N. of orig. cor. of secs. 25, 30, 31 and 36, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>Thence N.89° 42' W., on a true line, bet. secs. 25 and 36. Over mountainous land, through scattering undergrowth. Desc. 60 ft.</p> <p>Gulch, 20 lks. wide, course N.40° W. Asc. 185 ft. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} S25 \\ \hline S36 \\ 1916 \end{array}$ </div> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>54.25 Desc. 25 ft. 55.90 Gulch, 10 lks. wide, course N.10° E. Asc. 150 ft. 76.85 Spur, slopes N.25° E. Desc. 35 ft. 79.91 The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky, 4th rate; granite boulders and loose rock. No timber. Undergrowth, scrub oak, mahogany, mesquite, cat claw and mountain laurel.</p>

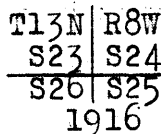
12 Survey of Subdivision of T. 13 N. R. 8 W.

Chains. N.0° 1' W., bet. secs. 25 and 26.
 Over mountainous land, through scattering undergrowth.
 Desc. 70 ft.
 6.82 Gulch, course N.20° E. Asc. 30 ft.
 19.62 Spur, slopes N.60° E. Desc. 380 ft.
 38.96 Gulch, course N.50° E. Asc. 40 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

46.46 Spur, slopes N.50° E. Desc. 120 ft.
 51.38 Gulch, 20 lks. wide, course N.60° W. Asc. 60 ft.
 55.90 Desc. 55 ft.
 60.28 Same gulch, course N.50° E. Asc. 15 ft.
 62.85 Desc. 45 ft.
 64.84 Same gulch, course N.60° W. Asc. 175 ft.
 75.37 Point of spur, slopes W. Desc. 165 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, marked on
 brass cap



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

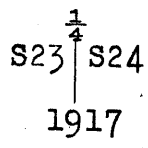
Land, mountainous.
 Soil, granite formation; loose rocks and boulders; 4th rate.
 No timber.
 Undergrowth, cat claw.
 Scant grass.

40.00 S.89° 42' E., on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect E. bdy. of Tp., 5 lks. W. of orig. cor. of secs.
 19, 24, 25 and 30, which is an iron post, properly set,
 marked and witnessed as described by the Surveyor-
 General.
 Thence
 N.89° 40' W., on a true line, bet. secs. 24 and 25.
 Over mountainous land, through scattering undergrowth.
 Desc. 230 ft. to
 8.35 Gulch, course N.70° W. Asc. 25 ft.
 11.40 Desc. 75 ft.
 15.95 Gulch, course N.50° W. Asc. 50 ft.
 20.00 Spur, slopes N.50° W. Desc. 45 ft.
 27.55 Gulch, 10 lks. wide, course N.20° W. Asc. 295 ft.
 39.92 The true point for cor. falls on rock in place, 3 ft. X 2
 ft. X 10 ins. above ground. I mark a cross at the exact
 cor. point, with $\frac{1}{4}$ on N. face; and raise a mound of stone,
 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 47.15 Spur, slopes N. Desc. 155 ft.
 61.20 Gulch, course N.30° E. Asc. 90 ft.
 68.15 Spur, slopes N. Desc. 260 ft.
 79.84 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, loose rocks and granite boulders; 4th rate.
 No timber.
 Undergrowth, cat claw.

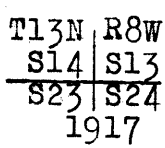
Subdivision of T. 13 N. R. 8 W.

chains.

N.0° 1' W., bet. secs. 23 and 24.
 Over mountainous land, through scattering undergrowth.
 Desc. 200 ft.
 5.78 Gulch, course N.10° E.
 15.00 Same gulch, course NW. Asc. 30 ft.
 19.60 Desc. 95 ft.
 22.55 Same gulch, course NE. Asc. 10 ft.
 25.10 Desc. 80 ft.
 34.00 Same gulch, course N.15° W.
 38.00 Same gulch, course NE. Asc. 55 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



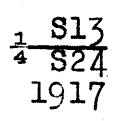
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 42.35 Spur, slopes NE. Desc. 115 ft.
 60.00 Wash, course N.20° W. Asc. 40 ft.
 76.00 Desc. 25 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground, in a mound of stone, for cor. of secs. 13, 14,
 23 and 24, marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, crucifixion thorn and
 greasewood.

40.00 S.89° 40' E., on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect E. bdy. of Tp., 11 lks. S. of original cor. of secs.
 13, 18, 19 and 24, which is an iron post, properly set,
 marked and witnessed as described by the Surveyor-
 General.

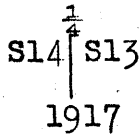
Thence
 N.89° 45' W., on a true line, bet. secs. 13 and 24.
 Over mountainous land, through scattering undergrowth.
 Asc. 30 ft.
 27.30 Spur, slopes NW. Desc. 310 ft.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap



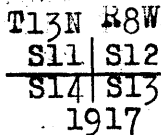
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 58.80 Thence over level land.
 77.60 Desc. 35 ft.
 80.08 The cor. of secs. 13, 14, 23 and 24.
 Land, level and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, crucifixion thorn, greasewood and
 mesquite.

Chains.

N.0° 1' W., bet. secs. 13 and 14.
 Over mountainous land, through scattering undergrowth.
 Desc. 30 ft.
 11.90 Short gulch, course W. Asc. 85 ft.
 35.00 Desc. 130 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap



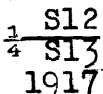
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 41.50 Red, rocky butte, brs. W. about 4 chs. dist.
 41.70 Ridge, brs. E. and W. Desc. 70 ft.
 49.00 Thence over level land.
 75.00 Desc. 40 ft.
 79.00 Head of gulch, course N.10° E. Asc.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
 ground, in a mound of stone, for cor. of secs. 11, 12,
 13 and 14, marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 S.89° 45' E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.60 Intersect E. bdy. of Tp., 1111ks. N. of orig. cor. of secs. 7,
 12, 13 and 18, which is an iron post, properly set,
 marked and witnessed as described by the Surveyor-
 General.

Thence
 N.89° 40' W., on a true line, bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 Asc. 25 ft.
 5.00 Thence over level land.
 20.00 Desc. 35 ft.
 25.00 Asc.
 37.50 Telephone line, brs. NW. and SE.
 39.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

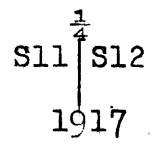


And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 40.50 Spur, slopes NW. Desc. 55 ft.
 50.40 Road, brs. N.80° W. and S.80° E.
 66.00 Wash, course N.75° W.
 79.60 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling and level.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, mesquite, palo verde and greasewood.

Subdivision of T. 13 N., R. 8 W. 15.

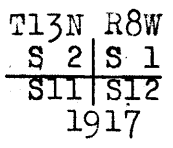
Chains.

N.0° 1' W., bet. secs. 11 and 12.
 Over rolling mountainous land, through scattering undergrowth.
 Desc. 30 ft.
 5.40 Wash, course N.80° W. Asc. 35 ft.
 8.35 Road, brs. N.65° W.
 11.50 Spur, slopes W. Desc. 70 ft.
 15.00 From this point, Mack Bowman's house brs. W. 8 chs. dist.
 18.75 Fence, brs. NE. and SW.
 30.00 Thence over level land.
 38.20 Cor. of fences, which bear NW. and S.10° W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

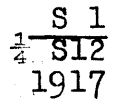
41.50 Fence, brs. N.60° E. and S.60° W.
 43.50 ~~Left bank of N. Fork of Santa Maria River~~, brs. NE. and SW.
 44.50 ~~North Fork of Santa Maria River~~, 3 chs wide, course SW.
 47.50 ~~Right bank of N. Fork of Santa Maria River~~, brs. NE. and SW. Asc. 160 ft.
 75.00 Ridge, brs. NW. and SE. Telephone line, brs. N.30° W. and S.30° E. Desc. 60 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, marked on brass cap



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

Land, rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, ash and cottonwood along river.
 Undergrowth, cat claw, palo verde, greasewood, mesquite and arrow-weed.

40.00 S.89° 40' E., on a random line, bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.70 Intersect E. bdy. of Tp., at the cor. of secs. 1, 6, 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. Thence N.89° 40' W. on a true line, bet. secs. 1 and 12.
 Over mountainous land, through scattering undergrowth.
 Desc. 135 ft.
 7.10 Gulch, course N.75° W. Asc. 30 ft.
 10.20 Desc. 220 ft.
 22.35 ~~Left bank of N. Fork of Santa Maria River~~, brs. N. and S.
 23.45 ~~Right bank of N. Fork of Santa Maria River~~, brs. N. and S. River flows S. Asc. 260 ft.
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

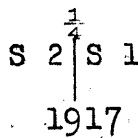
46.80 Spur, slopes S.65° E. Desc. 225 ft.
 61.70 Gulch, course S.5° E. Asc. 60 ft.

16.

Subdivision of T. 13 N., R. 8 W.

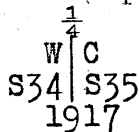
Chains.
 68.70 Thence over rolling land.
 79.70 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, ash and cottonwood along river.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 N.0° 1' W., on a random line, bet. secs. 1 and 2.
 Set temp. sec. cor.
 82.27 Intersect N. bdy. of Tp., 45 lks. E. of the cor. of secs.
 1, 2, 35 and 36, which is an iron post, hereinbefore
 described.
 Thence
 S.0° 20' E., on a true line, bet. secs. 1 and 2.
 Over mountainous land, through scattering undergrowth.
 Asc. along E. slope.
 7.00 Desc. 375 ft.
 30.15 Gulch, course S.50° W. Asc. 85 ft.
 32.45 Butte. Desc. 155 ft.
 42.27 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, in a mound of stone, for $\frac{1}{2}$ sec. cor., marked on
 brass cap

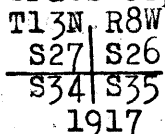


And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 63.25 Ridge, brs. NE. and SW. Desc. 105 ft.
 75.25 Gulch, course E. Asc. 15 ft.
 82.27 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde and greasewood.

From the reestablished standard cor. of secs. 34 and 35, on
 the S. bdy. of the Tp. (3rd 1st. Parallel N.), which is an
 iron post, properly set, marked and witnessed as described
 in notes of current Group No. 36,
 N.0° 1' W., bet. secs. 34 and 35.
 Over mountainous land, through scattering undergrowth.
 Asc. 530 ft.
 38.75 Ridge, brs. N.60° W. and S.60° E. Desc. 420 ft.
 39.80 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for witness cor. to $\frac{1}{2}$ sec.
 cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 40.00 The true point for $\frac{1}{2}$ sec. cor., falls among rocks, where it
 cannot be established.
 62.85 Asc. 115 ft.
 79.20 Desc. 185 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground, in a mound of stone, for cor. of secs. 26, 27, 34
 and 35, marked on brass cap



Subdivision of T. 13 N., R. 8 W. 17.

Chains.	<p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, mountainous. Soil, granite formation, ledges and boulders; 4th rate. No timber. Undergrowth, cat claw, Scant grass.</p>
40.00 80.05	<p>East on a random line, bet. secs. 26 and 35. Set temp. ¼ sec. cor. Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.</p>
2.65 11.95 32.50 40.02½	<p>Thence N.89° 59' W., on a true line, bet. secs. 26 and 35. Over mountainous land, through scattering undergrowth. Desc. 40 ft. Head of gulch, course N.10° E. Asc. 85 ft. Spur, slopes N. Desc. 125 ft. Head of gulch, course N. Asc. 60 ft. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p>
	<p>¼ S26 ¼ S35 1917</p>
45.25 52.05 54.05 56.50 60.55 68.85 70.20 72.15 80.05	<p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Spur, slopes N.20° W. Desc. 75 ft. Gulch, course N.30° W. Asc. 20 ft. Desc. 15 ft. Asc. 40 ft. Spur, slopes N.30° W. Desc. 155 ft. Gulch, 20 lks. wide, course N.60° W. Asc. 20 ft. Desc. 15 ft. Asc. 95 ft. The cor. of secs. 26, 27, 34 and 35. Land, mountainous. Soil, rocky, 4th rate; granite formation, loose rocks and boulders. No timber. Undergrowth, cat claw.</p>
6.94 22.75 40.00	<p>N.0° 1' W., bet. secs. 26 and 27. Over mountainous land, through scattering undergrowth. Desc. 150 ft. Deep gulch, course NW. Asc. 345 ft. From this point, high peak brs. W. about 5 chs. dist. Desc. 775 ft. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap</p>
	<p>¼ S27 ↑ S26 1917</p>
50.00 56.90 75.00 80.00	<p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Gulch, course N.20° E. Same gulch, course N.55° W. Asc. 235 ft. Ridge, brs. N.80° E. and S.80° W. Desc. 70 ft. Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, in a mound of stone, for cor. of secs. 22, 23, 26 and 27, marked on brass cap</p>

18.

Subdivision of T. 13 N., R. 8 W.

Chains.

T13N R8W
 S22 | S23
 S27 | S26
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, crucifixion thorn and greasewood.

40.00 S.89° 59' E., on a random line, bet. secs. 23 and 26.
 Set temp. ¼ sec. cor.
 80.16 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence
 S.89° 54' W., on a true line, bet. secs. 23 and 26.
 Over mountainous land, through scattering undergrowth.

5.25 Desc. 65 ft.
 28.40 Gulch, course N.20° E. Asc. 295 ft.
 40.08 Ridge, brs. NE. and SW. Desc. 275 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1 S23
 4 S26
 1917

48.40 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 66.65 Gulch, course N.78° W. Asc. 70 ft.
 80.16 Desc. 135 ft.

The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, crucifixion thorn and greasewood.

25.00 N.0° 1' W., bet. secs. 22 and 23.
 27.50 Over mountainous land, through scattering undergrowth.
 40.00 Desc. 285 ft.

Gulch, course W. Asc. 100 ft.
 Spur, slopes NW. Desc. 100 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1 S22 | S23
 1917

45.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 50.00 Gulch, course W. Asc. 75 ft.
 56.00 Spur, slopes N.50° W. Desc. 85 ft.
 61.60 Gulch, course N.60° W. Asc. 65 ft.
 69.00 Spur, slopes W. Desc. 50 ft.
 70.60 Gulch, course S.80° W. Asc. 15 ft.
 80.00 Spur, slopes W. Desc.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap

Subdivision of T. 13 N., R. 8 W.

Chains.

T13N R8W
 S15 | S14
 S22 | S23
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 N.89° 54' E., on a random line, bet. secs. 14 and 23.
 Set temp. ¼ sec. cor.
 80.10 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 13, 14, 23 and 24.
 Thence
 N.89° 57' W., on a true line, bet. secs. 14 and 23.
 Over mountainous land, through scattering undergrowth.
 Desc. 15 ft. to
 5.10 Wash, course N.15° W. Asc. 80 ft.
 12.60 Thence over level land.
 30.50 Leave level land, asc. 140 ft.
 36.15 Ridge, brs. N. and S. Desc. 255 ft.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1/4 S14
 S23
 1917

62.60 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 68.10 Gulch, course S.75° W.
 73.35 Same gulch, course N.80° W. Asc. 30 ft.
 80.10 Desc. 25 ft.
 The cor. of secs. 14, 15, 22 and 23.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde, greasewood and crucifixion thorn.

N.0° 1' W., bet. secs. 14 and 15.
 Over mountainous land, through scattering undergrowth.
 Desc. 20 ft.
 3.00 Gulch, course N.85° W. Asc. 65 ft.
 10.60 Spur, slopes "W". Desc. 65 ft.
 18.00 Gulch, course N.60° W. Asc. 15 ft.
 21.30 Spur, slopes W. Desc. 30 ft.
 25.00 Gulch, course SW. Road in gulch, brs. NE. and SW. Asc. 185 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

S15 | S14
 1917

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

20.

Subdivision of T. 13 N. R. 8 W.

Chains.
 45.00 Ridge, brs. E. and W. Desc. 190 ft.
 61.60 Gulch, course NW. Asc. 125 ft.
 75.00 Spur, slopes NW. Desc. 70 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, in a mound of stone, for cor. of secs. 10, 11, 14 and 15, marked on brass cap

T13N	R8W
S10	S11
S15	S14
1917	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate
 No timber.
 Undergrowth, cat claw, scrub oak, palo verde, greasewood and mesquite.

40.00 S.89° 57' E., on a random line, bet. secs. 11 and 14.
 Set temp. ¼ sec. cor.
 80.20 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

40.10 N.89° 56' W., on a true line, bet. secs. 11 and 14.
 Over level land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼ S11
¼ S14
1917

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

42.85 Road, brs. N.10° W. and S.10° E.
 50.20 Wash, course NW.
 53.20 Left bank of N. Fork of Santa Maria River, brs. NE. and SW. Desc. 30 ft.
 55.20 N. Fork of Santa Maria River, 2 chs. wide, course SW.
 61.55 Another channel of N. Fork of Santa Maria River, 50 lks. wide, course N.80° W. Asc. 70 ft.
 75.20 Right bank of N. Fork of Santa Maria River, brs. N.80° W. and S.80° E.
 80.20 The cor. of secs. 10, 11, 14 and 15.
 Land, mountainous and level.
 Soil, rocky, 4th rate.
 Timber, ash, and cottonwood along river.
 Undergrowth, cat claw, palo verde, greasewood, mesquite and arrow weed.

5.00 N.0° 1' W., bet. secs. 10 and 11.
 Over mountainous land, through scattering undergrowth.
 Desc. 80 ft.
 9.20 Left bank of N. Fork of Santa Maria River, brs. N.80° W. and S.80° E.
 9.65 N. Fork of Santa Maria River, 150 lks. wide, 8 ins. deep, course N.80° W. Asc. 150 ft.
 13.20 Right bank of N. Fork of Santa Maria River, brs. E. and W.
 35.00 Desc. 15 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

¼ S10	S11
1917	

Subdivision of T. 13 N., R. 8 W.

Chains.

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

40.15 Gulch, course S.48° E. Asc. 75 ft.
 43.00 Spur, slopes S.65° E. Desc. 60 ft.
 73.50 Gulch, course S.35° E. Asc. 15 ft.
 74.25 Road, brs. N.30° W. and S.30° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 7 ins. in the ground, in a mound of stone, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

T13N	R8W
S 3	S 2
S10	S11
1917	

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

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, mesquite, palo verde and greasewood.

40.00 S.89° 56' E., on a random line, bet. secs. 2 and 11.
 Set temp. ¼ sec. cor.
 80.30 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 1, 2, 11 and 12.
 Thence
 S.89° 57' W., on a true line, bet. secs. 2 and 11.
 Over mountainous land, through scattering undergrowth.
 Asc. 55 ft.
 6.90 Telephone line, brs. N.30° W. and S.30° E.
 6.95 Ridge, brs. NW. and SE. Desc. 60 ft.
 10.30 Thence over level land.
 33.05 Road, brs. N. and S.
 37.10 Desc. 25 ft.
 40.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼ S 2
¼ S11
1917

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

41.80 Yavapai Creek Wash, 30 lks. wide, course S.15° W. Asc. 310 ft.
 69.70 Short spur, slopes S. Desc. 195 ft.
 80.30 The cor. of secs. 2, 3, 10 and 11.
 Land, level and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 N.0° 1' W., on a random line, bet. secs. 2 and 3.
 Set temp; ¼ sec. cor.
 82.32 Intersect N. bdy. of Tp., 12 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, hereinbefore described.
 Thence
 S.0° 6' E., on a true line, bet. secs. 2 and 3.
 Over mountainous land, through scattering undergrowth.
 Asc. 15 ft.
 1:00 Desc. 185 ft.
 7.65 Yavapai Creek, course E. Asc. 205 ft.
 19.70 Spur, slopes N. Desc. 150 ft.
 37.30 Gulch, course SW.

22.

Subdivision of T. 13 N., R. 8 W.

Chains. Same gulch, course S. 5° E. Asc. 15 ft.
 42.00 Same gulch, course S. 5° E. Asc. 15 ft.
 42.32 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass capp

$$\begin{array}{c} \frac{1}{4} \\ S\ 3 \uparrow S\ 2 \\ 1917 \end{array}$$

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

52.50 Telephone line, brs. E. and W. Desc. 45 ft.
 53.20 Gulch, course E. Asc. 185 ft.
 62.30 Ridge, brs. NW. and SE. Desc. 220 ft.
 82.32 The cor. of secs. 2, 3, 10 and 11.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, palo verde and greasewood.

From the reestablished standard cor. of secs. 33 and 34, on the S. bdy. of the Tp. (3rd. Std. Parallel N.), which is an iron post, properly set, marked and witnessed as described in notes of current Group no. 36,
 N. 0° 2' W., bet. secs. 33 and 34,
 Over mountainous land, through scattering undergrowth.
 Asc. 60 ft.

3.54 Spur, slopes W. Desc. 85 ft.
 11.83 Gulch, course W. Asc. 90 ft.
 20.51 Spur, slopes W. Desc. 35 ft.
 24.03 Gulch, course W. Asc. 65 ft.
 33.21 Spur, slopes S. 60° W. Desc. 65 ft.
 36.35 Gulch, course S. 70° W. Asc. 30 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S33 \uparrow S34 \\ 1917 \end{array}$$

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

42.35 Spur, slopes W. Desc. 75 ft.
 52.16 Gulch, course S. 70° W. Asc. 125 ft.
 60.82 Spur, slopes S. 80° W. Desc. 115 ft.
 70.12 Gulch, course W. Asc. 50 ft.
 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, marked on brass cap

$$\begin{array}{c} T13N\ R8W \\ S28\ S27 \\ \hline S33\ S34 \\ 1917 \end{array}$$

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, loose rock and granite boulders; 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.
 Scant grass.

40.00 East on a random line, bet. secs. 27 and 34.
 80.18 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 24 lks. S. of the cor. of secs.

Subdivision of T. 13 N., R. 8 W.

Chains.

26, 27, 34 and 35.
 Thence
 S.89° 50' W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, through scattering undergrowth.
 Asc. 175 ft.
 21.25 Spur, slopes N.60° W. Desc. 550 ft.
 40:09 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$ S27
 $\frac{1}{4}$ S34
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 51.85 Gulch, course N.60° W. Asc. 15 ft.
 59.45 Desc. 50 ft.
 64.40 Asc. 25 ft.
 70.60 Spur, slopes N.85° W. Desc. 90 ft.
 80.18 The cor. of secs. 27, 28, 33 and 34.
 Land, mountainous.
 Soil, granite formation, boulders and loose rocks; 4th rate.
 No timber.
 Undergrowth, palo verde and cactus.
 Scant grass.

N.0° 2' W., bet. secs. 27 and 28.
 Over mountainous land, through scattering undergrowth.
 Asc.
 0.60 Ridge, brs. N.80° E. and S.80° W. Desc. 380 ft.
 25.00 Gulch, course NW. Asc. 30 ft.
 28.40 Desc. 20 ft.
 32.00 Gulch, course S.80° W. Asc. 360 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$
 S28 | S27
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 48.20 Ridge, brs. N.85° E. and S.85° W. Desc. 235 ft.
 72.25 Gulch, course W. Asc. 145 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground, in a mound of stone, for cor. of secs. 21, 22,
 27 and 28, marked on brass cap

T13N R8W
 S21 | S22
 S28 | S27
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, crucifixion thorn and greasewood.

40.00 N.89° 50' E., on a random line, bet. secs. 22 and 27.
 80.20 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 25 lks. N. of the cor. of secs.
 22, 23, 26 and 27.
 Thence

24.

Subdivision of T. 13 N., R. 8 W.

Chains.

N.89° 59' W., on a true line, bet. secs. 22 and 27.
 Over mountainous land, through scattering undergrowth.
 Desc. 305 ft.
 17.90 Gulch, course N.35° E. Asc. 95 ft.
 31.90 Spur, slopes NW. Desc. 50 ft.
 37.20 Gulch, course NW. Thence along N. slope.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$ S22
 $\frac{1}{4}$ S27
 1917

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

45.20 Gulch, course NE. Asc. 405 ft.
 65.20 Ridge, brs. N. and S. Desc. 155 ft.
 80.20 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

N.0° 2' W., bet. secs. 21 and 22.
 Over mountainous land, through scattering undergrowth.
 Asc. 120 ft.

6.50 Ridge, brs. NW. and SE. Desc. 590 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

S21 | S22
 1917

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

40.70 Road, brs. E. and W.
 46.20 Left bank of stream, brs. E. and W.
 46.80 Stream of water, 2 lks. wide, course W.
 47.00 Right bank of stream, brs. E. and W.
 52.60 ~~Left bank of N. Fork of Santa Maria River~~, brs. N.60° E. and S.60° W.
 Thence across river, 2 chs. wide, 6 ins. deep, course
 S.60° W.
 54.60 Leave water, course S.60° W. Thence across stream bed.
 61.80 ~~Right bank of N. Fork of Santa Maria River~~, brs. N.60° E. and S.60° W.
 Asc. 80 ft.
 62.60 Old road, brs. E. and W.
 63.30 Old stone house brs. E. 50 lks. dist.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground, in a mound of stone, for cor. of secs. 15, 16,
 21 and 22, marked on brass cap

T13N R8W
 S16 | S15
 $\frac{1}{4}$ S21 | S22
 1917

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

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, ash, willow and cottonwood along river.
 Undergrowth, cat claw, mesquite, palo verde and arrow-weed.

S. bdivision of Township 13 North, Range 8 West. 25.

Chains.

40.00 S.89°59'E., on a random line, bet. secs.15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect N. and S. line, 16 lks.S. of the cor. of secs.14, 15, 22 and 23.
Thence,
S.89°54'W., on a true line, bet. secs.15 and 22.
Over mountainous land, thru. scattering undergrowth.
Descend.

0.70 Gulch, course N.15°W. Ascend 85 ft.

9.40 Descend 120 ft.

20.20 Thence over rolling land.

40.10 Set an iron post 3 ft.long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

S15
S22
1917

and raise a mound of stone, 2ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Descend, 110 ft.

60.70 Crosby's house brs.N.7 chs.dist.

61.90 Road brs. N. and S.

65.70 Left bank of the N.fork of the Santa Maria river, brs.N.&S.

69.20 N. fork of the Santa Maria river, 2 chs.wide, 6 ins.deep, course S.

70.20 Right bank of the N. fork of the Santa Maria river, brs.N. and S. Ascend 120 ft.

80.20 The cor. of secs.15, 16, 21 and 22.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, ash, cottonwood and willow along river.
Undergrowth, catclaw, mesquite, palo verde and arrowweed.

N.0°2'W., bet. secs.15 and 16.
Over mountainous land, thru.scattering undergrowth.
Ascend 45 ft.

5.00 Descend 230 ft.

11.90 Right bank of N. Fork of the Santa Maria river, brs.N.15°W. and S.15°E.

13.55 North fork of the Santa Maria river, 2.50chs.wide, 6 ins.deep, course S.15°E.

32.50 Another channel of the N.fork of the Santa Maria River, 3 chs.wide, 6 ins.deep, course S.10°W.

39.00 Left bank of river brs.N.10°E. and S.10°W.

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

S16 | S15
1917

from which,

A cottonwood, ins.in diam., brs.N.41 $\frac{3}{4}$ °E., 180 lks.dist., marked $\frac{1}{4}$ S 15 BT.

A cottonwood, 16 ins.in diam., brs.S.35 $\frac{1}{2}$ °W., 151 lks.dist., marked $\frac{1}{4}$ S 16 B T.

58.70 Fence, gate on line, brs.NE. and SW. Ascend 205 ft.

60.00 Pipe line, brs.NW. and SE.

80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 16 ins.in the ground, in a mound of stone, for cor. of secs.9, 10, 15 and 16, marked on brass cap,

T13N R8W
S 9 | S10
S16 | S15
1917

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

26. Subdivision of Township 13 North, Range 8 West.

Chains.

Soil, rocky, 4th rate.
Timber, ash, cottonwood and willow along river.
Undergrowth, catclaw, mesquite, palo verde and arrowweed.

- 40.00 N. 89° 54' E., on a random line, bet. secs. 10 and 15.
- 80.12 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S line, 19 lks. N. of the cor. of secs. 10, 11, 14 and 15.
- Thence,
- N. 89° 58' W., on a true line, bet. secs. 10 and 15.
- Over mountainous land, thru. scattering undergrowth.
- Descend 120 ft.
- 12.10 Gulch, course N. 5° W. Ascend 75 ft.
- 25.10 Descend 45 ft.
- 32.60 Left bank of N. fork of Santa Maria river, brs. NE. and SW.
- 32.70 Fence brs. NW. and SE.
- 33.60 North fork of Santa Maria river, 1.50chs. wide, 6ins. deep, course SW.
- 35.10 Right bank of N. fork of Santa Maria river, brs. NE. and SW.
- 40.00 Fense brs. NE. and SW.
- 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 10 \\ S 15 \\ 1917 \end{array}$$

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

- Ascend 200 ft.
- 50.10 Descend 100 ft.
- 56.10 Gulch, course S. 10° W. Ascend 145 ft.
- 80.12 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, willow, cottonwood, and ash along river.
Undergrowth, catclaw, palo verde and greasewood.

N 30° 2' W., bet. secs. 9 and 10.
Over mountainous land, thru. scattering undergrowth.
Ascend 215 ft.

- 22.00 Descend.
- 24.00 Junction of washes, from NW. and NE., course S. 50° E. Ascend 390 ft.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} S 9 \frac{1}{4} S 10 \\ 1917 \end{array}$$

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

- Descend.
- 42.00 Gulch, course SE. Ascend 165 ft.
- 49.00 Ridge, brs. S. 60° E. and S. 50° W. Descend 160 ft.
- 58.20 Gulch, course E. Ascend 135 ft.
- 68.80 Short spur, slopes NE. Descend 35 ft.
- 72.80 Gulch, course N. 60° E. Ascend 20 ft.
- 75.25 Ridge, brs. N. 65° E. Descend 30 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

$$\begin{array}{r} T13N, R8W \\ S 4 \frac{1}{3} S 3 \\ S 9 \frac{1}{2} S 10 \\ 1917 \end{array}$$

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

Land, mountainous.
Soil, rocky, 4th rate. N o timber.

Subdivision of T. 13 N., R. 8 W.

Chains.

Undergrowth, scrub oak, cat claw, palo verde and greasewood.

40.00 S.89° 58' E., on a random line, bet. secs. 3 and 10.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
 2, 3, 10 and 11.
 Thence
 N.89° 57' W., on a true line, bet. secs. 3 and 10.
 Over mountainous land, through scattering undergrowth.
 Desc.
 1.15 Asc. 45 ft.
 3.35 Road, brs. N.20° W. and S.20° E.
 7.95 Desc. 25 ft.
 10.15 Asc. 460 ft.
 40.08 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$ S 3
 $\frac{1}{4}$ S 10
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
 of cor.
 44.45 Ridge, brs. N.65° E. and S.65° W. Desc. 50 ft.
 50.00 Asc.
 55.00 Ridge, brs. N.80° W. and S.80° E. Desc. 140 ft.
 60.15 Gulch, course S.70° E. Asc. 205 ft.
 70.15 Desc. 45 ft.
 74.15 Gulch, course N.15° E.
 77.65 Gulch, course S.80° E. Asc. 35 ft.
 80.16 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 N.0° 2' W., on a random line, bet. secs. 3 and 4.
 Set temp. $\frac{1}{4}$ sec. cor.
 82.45 Intersect N. bdy. of Tp., 10 lks. W. of the cor. of secs.
 3, 4, 33 and 34, which is an iron post, hereinbefore
 described.
 Thence
 S.0° 2' W., on a true line, bet. secs. 3 and 4.
 Over mountainous land, through scattering undergrowth.
 Desc. 60 ft.
 2.50 Gulch, course N.87° E. Asc. 295 ft.
 18.40 Ridge, brs. NE. and SW. Desc. 240 ft.
 30.85 Gulch, course SE. Asc. 285 ft.
 40.50 Spur, slopes S.70° E. Desc. 170 ft.
 42.45 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$
 S 4 | S 3
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 55.20 Gulch, course N.75° E. Asc. 95 ft.
 73.90 Spur, slopes SE. Desc. 35 ft.
 77.20 Road, brs. E. and W.
 77.50 Gulch, course S.35° E. Asc.
 82.45 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky, 4th rate.

Chains.

No timber.
Undergrowth, cat claw, palo verde and greasewood.

From the reestablished standard cor. of secs. 32 and 33, on the S. bdy. of the Tp. (3rd. Std. Parallel N.), which is an iron post, properly set, marked and witnessed, as described in notes of current group no. 36,

N.0° 2' W., bet. secs. 32 and 33.
Over mountainous land, through scattering undergrowth.
Desc.

1.49 Gulch, 10 lks. wide, course S.20° E. Thence over rolling land.

35.79 Gulch, 10 lks. wide, course W.

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



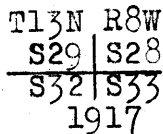
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Desc. 25 ft.

49.28 Gulch, 20 lks. wide, course W. Asc. 335 ft.

77.90 Ridge, brs. E. and W. Desc. 40 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 28, 29, 32 and 33, marked on brass cap



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

Land, mountainous.

Soil, rocky, granite formation, boulders and loose rocks on slopes, 4th rate; sandy, 3rd rate on rolling land.

No timber.

Undergrowth, cat claw, palo verde and greasewood.

Scant grass.

East on a random line, bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line, at the cor. of secs. 27, 28, 33 and 34.

Thence

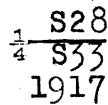
West on a true line, bet; secs. 28 and 33.

Over mountainous land, through scattering undergrowth.

Desc. 305 ft.

25.10 Wash, course SW. Asc. 110 ft.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap



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

50.10 Desc. 25 ft.

70.10 Asc. 70 ft.

78.10 Ridge, brs. N.65° E. and S.65° W. Desc.

80.10 The cor. of secs. 28, 29, 32 and 33.

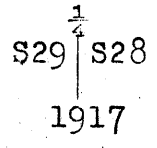
Land, mountainous:

Subdivision of T. 13 N., R. 8 W.

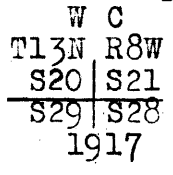
Chains.

Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, crucifixion thorn and greasewood.

N.0° 2' W., bet. secs. 28 and 29.
Over mountainous land, through scattering undergrowth.
Desc. 370 ft.
19.44 Foot of descent; thence over level land.
33.08 Desc. 15 ft.
34.28 Gulch, 30 lks. wide, course N.60° W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



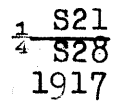
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
48.00 Enter dense mesquite, 6 to 15 ft. high.
74.00 Road, brs. N.20° E. and S.20° W.
74.10 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 20, 21, 28 and 29, marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
75.00 ~~Left bank of N. Fork of Santa Maria River~~, brs. N.50° E. and S.50° W.
Thence over sandy bed of river.
80.00 The true point for cor. of secs. 20, 21, 28 and 29 falls in bed of ~~N. Fork of Santa Maria River~~.
Land, mountainous and level.
Soil, granite formation, boulders and loose rock, 4th rate on slopes; sandy, 3rd rate on level.
No timber.
Undergrowth, cat claw, greasewood, and mesquite.

From the true point for cor. of secs. 20, 21, 28 and 29,

40.00 East on a random line, bet. secs. 21 and 28.
Set temp. $\frac{1}{4}$ sec. cor.
79.80 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.
Thence
N.89° 59' W., on a true line, bet. secs. 21 and 28.
Over mountainous land, through scattering undergrowth.
Desc. 390 ft.
24.80 Gulch, course NW. Asc. 40 ft.
32.25 Spur, slopes N.65° W. Desc. 95 ft.
39.90 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
61.50 Thence over gently rolling land.
Fence, brs. N.30° E. and S.30° W. Thence across goat corral.

30.

Subdivision of T. 13 N., R. 8 W.

Chains.

66.50 Fence, brs. NW. and SE.

68.05 Fence, brs. NW. and SE.

68.10 House of G. G. Gray, old Porter place, brs. N. about 2 chs. dist.

68.20 Road, brs. NE. and SW.

69.80 Fence, brs. NE. and SW.

71.20 Fence, brs. NW. and SE.

76.40 Left bank of N. Fork of Santa Maria River, brs. N. 50° E. and S. 50° W.

79.80 The true point for cor. of secs. 20, 21, 28 and 29.

Land, level and mountainous.

Soil, rocky, 3rd and 4th rate.

Timber, cottonwood, ash and willow along river.

Undergrowth, cat claw, greasewood, and palo verde.

10.90 From the true point for cor. of secs. 20, 21, 28 and 29, N. 0° 2' W., bet. secs. 20 and 21.

28.90 Over level land, N. fork of Santa Maria river, 1,900 chs. wide, course S. 25° W..

40.00 Right bank of river, brs. N. 25° E. and S. 25° W. Enter scattering undergrowth.

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

1/4
S20 S21
1917

From which

A cottonwood, 26 ins. diam., brs. S. 40° E., 144 lks. dist., marked $\frac{1}{4}$ S21 BT.A cottonwood, 24 ins. diam., brs. N. 79 $\frac{1}{2}$ ° W., 235 lks. dist., marked $\frac{1}{4}$ S20 BT.

55.00 Asc. 310 ft.

64.13 From this point, U. S. M. M. No. 1, Ochocomo Mining Dist. brs. S. 54° 33' E., 12.06 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

T13N R8W
S17 S16
S20 S21
1917

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

Land, level and mountainous.

Soil, rocky, 4th rate.

Timber, ash, and cottonwood along river.

Undergrowth, cat claw, mesquite, palo verde and greasewood.

40.00 S. 89° 59' E., on a random line, bet. secs. 16 and 21.

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

Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

N. 89° 58' W., on a true line, bet. secs. 16 and 21.

Over mountainous land, through scattering undergrowth.

Asc. 20 ft.

7.40 Desc. 130 ft.

29.90 Gulch, course S. 10° W. Asc. 85 ft.

37.90 Spur, slopes S. Desc. 70 ft.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on

Subdivision of T. 13 N., R. 8 W.

Chains.

brass cap

$$\begin{array}{r} \frac{1}{4} S16 \\ \frac{1}{4} S21 \\ \hline 1917 \end{array}$$

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

- 44.90 Wash, course S. Asc. 40 ft.
- 54.70 Spur, slopes S.35° E. Desc. 35 ft.
- 55.90 Gulch, course SE. Asc. 375 ft.
- 77.40 Ridge, brs. NW. and SE. Desc. 30 ft.
- 79.88 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde, mesquite and greasewood.

N.0° 2' W., bet. secs. 16 and 17.
Over mountainous land, through scattering undergrowth.
Asc. 60 ft.

- 2.45 Ridge, brs. NW. and SE. Desc. 130 ft.
- 11.00 Gulch, course E. Asc. 105 ft.
- 19.40 Desc. 40 ft.
- 24.40 Asc. 80 ft.
- 29.15 Desc. 175 ft.
- 39.00 Gulch, course E. Thence along E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S17 | S16 \\ \hline 1917 \end{array}$$

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

- 45.00 Gulch, course S.30° E. Asc. 270 ft.
- 64.55 Ridge, brs. NW. and SE. Desc. 145 ft.
- 75.80 Gulch, course SE. Asc. 40 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

$$\begin{array}{r} T13N R8W \\ S 8 | S 9 \\ \hline S17 | S16 \\ 1917 \end{array}$$

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

From this cor., Cor. No. 3 Swiss Belle Extension Mining Claim, Ochocomo Mining District, brs. S.81° 37' E., 1.34 chs. dist.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde and greasewood.

- 40.00 S.89° 58' E., on a random line, bet. secs. 9 and 16.
Set temp. ¼ sec. cor.
- 79.90 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 9, 10, 15 and 16.
Thence
S.89° 57' W., on a true line, bet. secs. 9 and 16.
Over mountainous land, through scattering timber and undergrowth.

32.

Subdivision of T. 13 N., R. 8 W.

Chains.

Asc. 345 ft.
 16.40 Pipe line, brs, N.30° W. and S.30° E.
 23.00 Spur, slopes S. Desc. 290 ft.
 37.90 Gulch, course S.10° E. Asc. 45 ft.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 9
 S 16
 1917

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

43.20 Desc. 120 ft.
 55.65 Asc. 30 ft.
 58.40 Desc. 55 ft.
 60.20 Gulch, course S. Asc. 180 ft.
 69.90 Short spur, slopes S.15° E. Desc. 25 ft.
 74.90 Asc. 25 ft.
 79.90 The cor. of secs. 8, 9, 16 and 17.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

N.0° 2' W., bet. secs. 8 and 9.
 Over mountainous land, through scattering undergrowth.
 Asc. 190 ft.

7.60 Small butte. Desc. 125 ft.
 19.20 Asc. 515 ft.
 27.00 Ridge, brs. N.5° W. and S.5° E. Thence along E. slope.
 38.00 Ridge, brs. N.5° E. and S.5° W. Thence along W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 8 | S 9
 1917

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

53.70 Spur, slopes S.70° W. Desc. 85 ft.
 59.00 Asc. 290 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 82 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 8 and 9, marked on brass cap

T13N R8W
 S 5 | S 4
 S 8 | S 9
 1917

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

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, palo verde and greasewood.

40.00 N.89° 57' E., on a random line, bet. secs. 4 and 9.
 79.90 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 19 lks. N. of the cor. of secs. 3, 4, 9 and 10.
 Thence

Chains.

N. 89° 55' W., on a true line, bet. secs. 4 and 9.
Over mountainous land, through scattering undergrowth.
Asc. 140 ft.
14.85 Desc. 60 ft.
26.45 Gulch, course N. 20° E. Road in gulch, brs. N. 20° E. and
S. 20° W. Asc. 155 ft.
39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} S 4 \\ \frac{1}{4} S 9 \\ \hline 1917 \end{array}$$

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

42.00 Crosby Mill House brs. S. about 10 chs. dist. Stamp Mill
brs. SE. 10 chs. dist. Desc. 35 ft.
54.00 Crosby Mine and Hoist House brs. S. about 5 chs. dist.
59.70 Gulch, course S. 30° E. Asc. 270 ft.
79.90 The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde and greasewood.

40.00 N. 0° 2' W., on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
82.28 Intersect N. bdy. of Tp., 9 lks. W. of the cor. of secs.
4, 5, 32 and 33, which is an iron post, hereinbefore
described.

Thence

S. 0° 2' W., on a true line, bet. secs. 4 and 5.
Over mountainous land, through scattering undergrowth.
Asc. 170 ft.

17.60 Ridge, brs. N. 30° E. and S. 30° W. Desc. 125 ft.
22.45 Head of gulch, course N. 85° E. Asc. 30 ft.
34.30 Ridge, brs. E. and W. Desc. 65 ft.
41.80 Gulch, course N. 80° E. Asc. 350 ft.
42.28 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S 5 \mid S 4 \\ \hline 1917 \end{array}$$

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

61.10 Ridge, brs. N. 50° E. Desc. 100 ft.
67.30 Head of gulch, course E. Asc.
74.80 Ridge, brs. E. and W. Desc. 110 ft.
82.28 The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde, scrub oak, scrub mahog-
any and greasewood.

From the reestablished standard cor. of secs. 31 and 32,
on the S. bdy. of the Tp. (3rd std. parallel N.), which cor-
is an iron post, properly set, marked and witnessed, as de-
scribed in notes of current Group No. 36,
N. 0° 3' W., bet. secs. 31 and 32.
Over level land, through scattering undergrowth.

31.00 Road, brs. N. 20° W. and S. 20° E.
39.75 Wash, course NW.

34.

Subdivision of T. 13 N., R. 8 W.

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

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S31 | S32 \\ \downarrow \\ 1917 \end{array}$$

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

65.00 Wash, course W. Asc. slightly.
75.00 Short spur, slopes SW. Desc.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap

$$\begin{array}{c} T13N R8W \\ S30 | S29 \\ \hline S31 | S32 \\ 1917 \end{array}$$

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, level and rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, crucifixion thorn and greasewood.

40.00 East on a random line, bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
80.12 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.
Thence
N. $89^{\circ} 59'$ W., on a true line, bet. secs. 29 and 32;
Over mountainous land, through scattering undergrowth.
Desc. 45 ft.
6.10 Asc. 110 ft.
30.90 Ridge, brs. N. 55° W. and S. 55° E. Desc. 450 ft.
40.06 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} S29 \\ \hline S32 \\ 1917 \end{array}$$

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

55.10 Wash, course NW. Asc. 25 ft.
60.10 Spur, slopes N. 30° W. Desc. 75 ft.
80.12 The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, crucifixion thorn and greasewood.

40.00 West on a random line, bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
78.35 Intersect W. bdy. of Tp., 21 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, hereinbefore described.
Thence
N. $89^{\circ} 51'$ E., on a true line, bet. secs. 30 and 31.
Over mountainous land, through dense undergrowth.
Desc. 100 ft.
8.00 Enter bottom land of Neponk of Santa Maria river.
12.20 Fence, brs. N. 75° W. and S. 75° E.
15.00 Fence, brs. N. 5° W. and S. 5° E.

Subdivision of T. 13 N., R. 8 W. 35.

Chains.
 22.20 Fence, brs. N.10° E. and S.10° W. Corral brs. S. 20 lks. dist.
 30.90 Fence, brs. N.80° E. and S.80° W.
 38.35 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} S30 \\ \frac{1}{4} S31 \\ 1917 \end{array}$$

From which
 A mesquite, 8 ins. diam., brs. N.82 1/2° E., 250 lks. dist., marked 1/4 S30 BT.
 A mesquite, 10 ins. diam., brs. S.31 1/2° W., 86 lks. dist., marked 1/4 S31 BT.

45.00 Fence, brs. N.25° W. and S.25° E.
 46.00 R. G. Cannon's House brs. N. about 2 chs. dist.
 54.00 Wash, course N.20° W.
 61.00 Leave river bottom; asc.
 73.00 Road, brs. NE. and SW.
 78.35 The cor. of secs. 29, 30, 31 and 32.
 Land, level and mountainous.
 Soil, 2nd, 3rd, and 4th rates, rocky and sandy.
 Timber, cottonwood and ash along river.
 Undergrowth, cat claw, crucifixion thorn and greasewood.

N.0° 3' W., bet. secs. 29 and 30.
 Over level land, through scattering undergrowth.
 3.20 Road, brs. N.50° E. and S.50° W.
 8.80 Road, brs. E. and W.
 36.00 Left bank of N. fork of Santa Maria river, brs. NE. and SW.
 38.20 N. fork of Santa Maria River, stream of water 2 chs. wide, 6 ins. deep, course SW.
 40.00 The true point for 1/4 sec. cor. falls in N. Fork of Santa Maria River.
 40.20 Leave stream of water. Thence across bed of river.
 43.80 Right bank of N. fork of Santa Maria river, brs. NE. and SW. as contd 85 ft.
 44.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S30 \mid S29 \\ W \mid C \\ 1917 \end{array}$$

From which
 A cottonwood, 24 ins. diam., brs. N.31° E., 200 lks. dist., marked WC 1/4 S29 BT.
 A cottonwood, 18 ins. diam., brs. N.35 1/2° W., 79 lks. dist., marked WC 1/4 S30 BT.

48.30 Fence, brs. N.65° E. and S.65° W.
 55.00 Thence over level land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

$$\begin{array}{c} T13N R8W \\ S19 \mid S20 \\ \hline S30 \mid S29 \\ 1917 \end{array}$$

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling and level.
 Soil, rocky, 4th rate.
 Timber, ash, cottonwood and willow along river.
 Undergrowth, cat claw, crucifixion thorn and arrow-weed.

36.

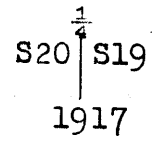
Subdivision of T. 13 N., R. 8 W.

Chains.	S.89° 59' E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. and S. line, 9 lks. N. of the true point for cor. of secs. 20, 21, 28 and 29.
80.10	Thence N.89° 55' W., on a true line, bet. secs. 20 and 29. Over level land.
15.70	N. Fork of Santa Maria River, 1.60 chs. wide, course S.55° W.
16.15	Right bank of N. Fork of Santa Maria River, brs. N.55° E. and S.55° W. Asc. 60 ft.
25.00	Desc. 60 ft.
35.70	Gulch, course S.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S20 $\frac{1}{4}$ S29 1917
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
45.10	Asc. 70 ft.
50.10	Desc. 35 ft.
55.10	Gulch, course S.25° E. Asc. 70 ft.
59.10	Desc. 40 ft.
68.00	Gulch, course S.30° E. Asc. 25 ft.
71.10	Desc. 35 ft.
75.00	Wash, course SE. Asc. 35 ft.
80.10	Thence over level land. The cor. of secs. 19, 20, 29 and 30. Land, level and mountainous. Soil, rocky, 4th rate. Timber, ash, cottonwood and willow along river.
40.00	S.89° 51' W., on a random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.
78.04	Intersect W. bdy. of Tp., 9 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, hereinbefore described.
	Thence N.89° 55' E., on a true line, bet. secs. 19 and 30. Over mountainous land, through scattering undergrowth. Desc. 40 ft.
3.00	Gulch, course SE. Thence along S. slope.
10.00	Desc. 100 ft.
15.00	Gulch, course S. Asc. 85 ft.
16.80	From this point, U. S. E. M. No. 1677, Eureka Mining Dist., brs. N. 4.68 chs. dist.
20.00	Ridge, brs. NW. and SE. Desc. 210 ft.
38.04	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S19 $\frac{1}{4}$ S30 1917
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
45.00	Asc. 50 ft.
55.00	Thence over level land.
78.04	The cor. of secs. 19, 20, 29 and 30. Land, mountainous and level. Soil, rocky, 4th rate. No timber. Undergrowth, cat claw, palo verde and greasewood.

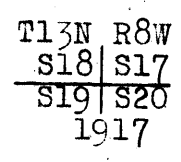
Subdivision of T. 13 N., R. 8 W.

Chains.

N.0° 3' W., bet. secs. 19 and 20.
 Over rolling land, through scattering undergrowth.
 Desc. 30 ft.
 5.00 Wash, 4 chs. wide, course SE. Asc. 35 ft.
 10.00 Thence over level mesa.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



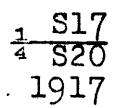
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 46.20 Gulch, course S.48° E.
 55.00 Gulch, course S.25° E. Asc. 185 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of
 stone, for cor. of secs. 17, 18, 19 and 20, marked on
 brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 S.89° 55' E., on a random line, bet. secs. 17 and 20.
 Set temp; $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 16, 17, 20 and 21.

Thence
 N.89° 57' W., on a true line, bet. secs. 17 and 20.
 Over mountainous land, through scattering undergrowth.
 Desc. 130 ft.
 15.15 Gulch, course S.48° E. Asc. 195 ft.
 15.95 Road, brs. N.40° W. and S.40° E.
 26.45 Road, brs. N.80° E. and S.80° W;
 27.05 Red butte brs. S. 4 chs. dist.
 31.75 Road, brs. NW. and SE.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 44.05 Ridge, brs. N.50° W. and S.50° E. Desc. 100 ft.
 52.65 Gulch, course SE. Thence along S. slope.
 62.05 Gulch, course S.30° E. Asc. 60 ft.
 65.05 Thence over level mesa.
 80.04 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

S.89° 55' W., on a random line, bet. secs. 18 and 19.

38.

Subdivision of T. 13 N., R. 8 W.

Chains.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
77.86 Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, hereinbefore described.

Thence
N.89° 57' E., on a true line, bet. secs.18 and 19.
Over mountainous land, through scattering undergrowth.
Desc. 245 ft.

8.57 Gulch, course S. Asc. 110 ft.
14.30 Ridge, brs. N.20° W. and S.20° E. Desc. 500 ft.
37.86 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S18
 $\frac{1}{4}$ S19
1917

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

44.00 Gulch, course SE. Asc. 115 ft.
47.00 Trail brs. NW. and SE.
52.95 Spur, slopes S.15° E. Desc. 155 ft.
63.80 Gulch, course S.25° W. Spring near head of gulch, about 25 chs. N. Asc. 25 ft.
77.86 The cor. of secs. 17, 18, 19 and 20.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, a few scattering juniper.
Undergrowth, cat claw, palo verde, scrub oak and greasewood.

N.0° 3' W., bet. secs. 17 and 18.
Over mountainous land, through scattering undergrowth.
Asc. 430 ft.

18.35 Spur, slopes SE. Desc. 45 ft.
26.00 Gulch, course S.50° E. Asc. 185 ft.
37.50 Ridge, brs. N.80° W. and S.80° E. Desc. 160 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S18 | S17
1917

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

45.60 Gulch, course S.85° E. Asc. 85 ft.
48.00 Old cabin and well about 12 chs. E. Descend 25 ft.
54.70 Gulch, course S.50° E. Asc. 75 ft.
58.10 Desc. 20 ft.
61.40 Asc. 440 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground, in a mound of stone, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T13N R8W
S 7 | S 8
S18 | S17
1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.

Subdivision of T. 13 N., R. 8 W. 39.

Chains.

Undergrowth, cat claw, palo verde and greasewood.

40.00 S.89° 57' E., on a random line, bet. secs. 8 and 17.
 Set temp. 1/4 sec. cor.
 80.10 Intersect N. and S. line, 11 lks. S. of the cor. of secs.
 8, 9, 16 and 17.
 Thence
 S.89° 58' W., on a true line, bet. secs. 8 and 17.
 Over mountainous land, through scattering undergrowth.
 Desc. 50 ft.
 8.00 Gulch, course S.35° E. Asc. 230 ft.
 20.00 Spur, slopes SE. Desc. 85 ft.
 25.00 Gulch, course S.38° E. Asc. 205 ft.
 34.00 Spur, slopes S.80° E. Thence along S. slope.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground, in a mound of stone, for 1/4 sec. cor., marked on
 brass cap

S 8
 1/4 SI7
 1917

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
 of cor.
 40.50 Short spur, slopes S.10° W. Desc. 45 ft.
 41.90 Gulch, course S.18° W. Asc. 515 ft.
 79.00 Ridge, brs. N.15° W. and S.15° E. Desc.
 80.10 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde, scrub oak and greasewood.

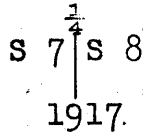
40.00 S.89° 57' W., on a random line, bet. secs. 7 and 18.
 Set temp. 1/4 sec. cor.
 77.74 Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs.
 7, 12, 13 and 18, which is an iron post, hereinbefore
 described.
 Thence
 N.89° 58' E., on a true line, bet. secs. 7 and 18.
 Over mountainous land, through scattering undergrowth.
 Asc.
 2.40 Spur, slopes S.15° E. Desc. 195 ft.
 11.75 Gulch, course S. Asc. 220 ft.
 14.35 Trail, brs. N. and S.
 25.95 Spur, slopes S. Desc. 25 ft.
 27.85 Asc. 180 ft.
 37.74 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground, in a mound of stone, for 1/4 sec. cor., marked on
 brass cap

S 7
 1/4 SI8
 1917

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
 of cor.
 47.24 Ridge, brs. S. and N.80° W. Desc. 350 ft.
 67.74 Asc. 45 ft., along S. slope.
 76.10 Huge granite boulder, 15 ft. high, on line. Desc. 15 ft.
 77.74 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

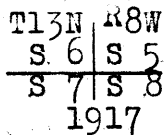
Chains.

N.0° 3' W., bet. secs. 7 and 8.
 Over mountainous land, through scattering undergrowth.
 Asc. 85 ft.
 1.70 Ridge, brs. N.20° W. and S.20° E. Desc. 150 ft.
 17.00 Hayes Peak brs. W. about 15 chs. dist.
 26.05 Gulch, course S.75° E. Asc. 20 ft.
 30.45 Desc. 30 ft.
 35.00 Gulch, course S.60° E. Asc. 450 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap



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

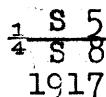
53.60 Ridge, brs. N.5° E. and S.5° W. Thence along W. slope,
 ascending 335 ft.
 75.90 Highest peak on N. side of river brs. E. 5 chs. dist.
 76.90 Ridge, brs. N.80° W. and S.80° E. Desc. 95 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 5, 6, 7 and 8, marked on brass
 cap



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

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

40.00 N.89° 58' E., on a random line, bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect N. and S. line, 11 lks. N. of the cor. of secs.
 4, 5, 8 and 9.
 Thence
 N.89° 58' W., on a true line, bet. secs. 5 and 8.
 Over mountainous land, through scattering timber and under-
 growth.
 Along broken S. slope.
 7.00 Trail brs. N.75° W. and S.75° E.
 8.50 Gulch, course SE. Asc. 180 ft.
 17.40 N. side of butte. Desc. 105 ft.
 29.75 Gulch, from NW., course N.70° E. Asc. 310 ft.
 40.07 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

54.50 Spur, slopes S.60° E. Desc. 75 ft.
 59.40 Gulch, course SE. Asc. 355 ft.
 73.50 Ridge, brs. N.55° E. and S.55° W. Desc. 215 ft.
 80.14 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, catclaw, palo verde and greasewood.

Subdivision of T. 13 N., R. 8 W.

41.

Chains.

40.00 S. 89° 58' W., on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 77.70 Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12, which is an iron post, hereinbefore described.
 Thence,
 N. 89° 58' E., on a true line, bet. secs. 6 and 7.
 Over mountainous land, through scattering timber and undergrowth.
 Asc. 65 ft.
 6.80 Desc. 30 ft.
 8.05 Asc. 305 ft.
 27.10 Ridge, brs. NW. and SE. Desc. 190 ft.
 37.70 Set an iron post, 3 ft. long, $\frac{3}{4}$ in. diam., 5 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 6
 $\frac{1}{4}$ S 7
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 45.00 Gulch, course NW. Asc. 695 ft.
 67.55 Spur, slopes NW. Desc. 85 ft.
 77.70 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, cat claw, scrub oak, scrub mahogany and palo verde.

40.00 N. 0° 3' W., on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 82.30 Intersect N. bdy. of Tp., 21 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, hereinbefore described.
 Thence
 S. 0° 6' W., on a true line, bet. secs. 5 and 6.
 Over mountainous land, through scattering timber and undergrowth.
 Asc. to
 0.95 Ridge, brs. N. 25° E. and S. 25° W. Desc. 50 ft.
 18.55 Gulch, course NE. Asc. 255 ft.
 42.30 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S 6 | S 5
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 43.30 Point of spur, slopes NW. Desc. 125 ft.
 58.25 Asc. 415 ft.
 82.30 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, juniper.
 Undergrowth, cat claw, scrub oak, scrub mahogany and palo verde.

JAN 14 1918

General Description.

This Tp. consists of rough, broken, mountainous land, except along the N. fork of the Santa Maria River, where there are a few low, sandy flats, on which the settlers raise some alfalfa by irrigation from the river and by pumping when the river dries up during the summer months.

Ash, willow & cottonwood trees grow along the N. fork of Santa Maria River. Some few juniper trees are found in the northwestern part of the township. Undergrowth consists of greasewood, palo verde, mesquite, cat claw and cactus. There is a scant growth of grass.

There are four settlers in the township: Cannon in secs. 30 and 31, Gray in secs. 21 and 28, Crosby in sec. 15 and Bowman in sec. 11.

There are two good springs in sec. 18, which with the north fork of the Santa Maria river, and are the only water in the township.

BOOK 3165

4-680

FIELD ASSISTANTS.
TO THEO. O. JOHNSTON, U. S. Surveyor.

NAMES.	CAPACITY.
F.R. Ihrie,	1st Chainman,
Stanley Bonesteele,	Flagman,
Thos. VanderMeer,	2nd Chainman,
Richard Wallace,	Moundman,
A. C. Tilton,	Cornerman & axeman,
Joseph Arriola,	Axeman,

BOOK 3165 For

CERTIFICATE OF UNITED STATES SURVEYOR.

See Book "C"

I, _____, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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 _____ of the _____ Meridian, in the State of _____, which are represented in 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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.

198
BOOK 3165
46 For

CHAS. M. PIDGEON
CERTIFICATE OF UNITED STATES SURVEYOR.

(See Book "A,"

I, _____, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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 _____ of the _____ Meridian, in the State of _____, which are represented in 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 8, 1918

The foregoing field notes of the survey of the _____

 West and North boundaries, and

 subdivision lines of

TOWNSHIP 13 NORTH, RANGE 8 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Theo. O. Johnston and Chas. M. Pidgeon, U. S. Surveyors,

under ~~his~~ special instructions dated Oct. 5, 1915, for Group 60, Arizona., ~~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.