

3169

Book "H"

4-679

BOOK 3169

FIELD NOTES

OF THE RETRACEMENT OF

The Third Standard Parallel North, thru part of Range 6 West,

the RESURVEY of

Part of the South boundary, and part of the Subdivision lines

and the SURVEY of

Part of the South boundary, and

Part of the Subdivision lines of

TOWNSHIP 12 NORTH, RANGE 6 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theo. O. Johnston,

In the capacity of U. S. Surveyor, 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.

Retracement,

Resurvey & Survey commenced March 5, 1917

Retracement,

Resurvey & Survey completed March 17, 1917

Executed under Assignment
Instructions dated Nov. 25, 1916.

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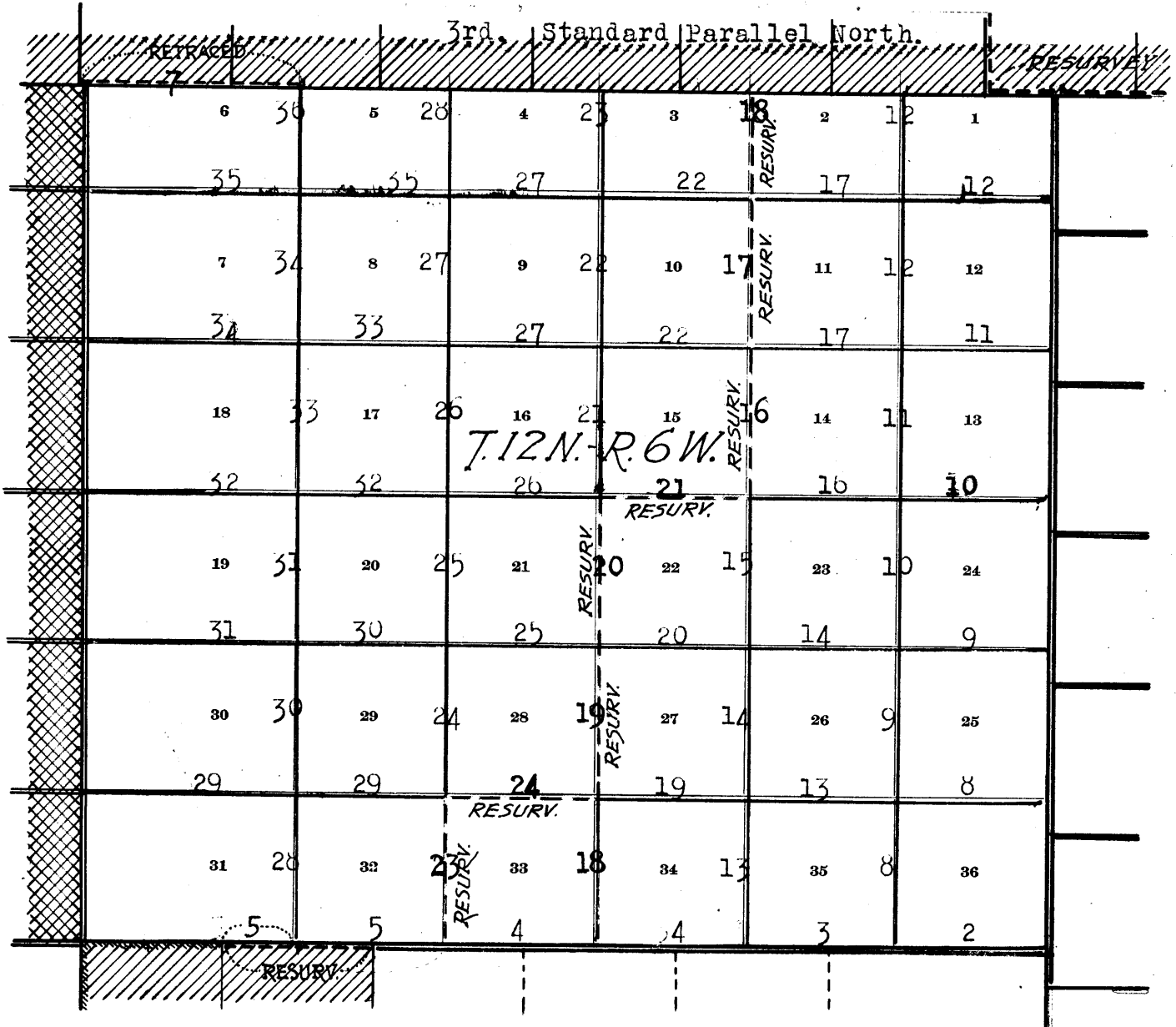
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3169
Book "H"

Group 60 - - Arizona.

BOOK 3169

INDEX DIAGRAM.



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DATE DIAGRAM.

Book "H"

Group 60 - - - Arizona.

Township 12 North, Range 6 West.

RETRACED

3rd. Standard Parallel North,

RESURV.
2-22-17

4-26-17 | 4-26-17

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

RESURVEYED

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

2. ~~Survey~~ Survey of part of the S. Bdy. of T. 12 N., R. 6 W.

Chains. Surveys, retracements and

Resurveys hereinafter described, executed by Theo. O. Johnston, U.S. Surveyor, on dates shown on diagram on page 1 hereof, using Buff & Buff light mountain transit, No. 9939, with solar attachment, described in Book "C."

March 1, 1917. At my camp in sec. 23, T. 12 N., R. 6 W., lat. $34^{\circ} 22' N.$, long. $112^{\circ} 51' W.$, at 8 hrs. 49 m., p. m., l.m.t., by my watch, which is set to correct local mean time, I observe Polaris at western elongation, in accordance with the manual of instructions, and mark a point in the line thus determined on a peg driven in the ground, 5 chs. N. of my station.

March 2, 1917. At 7 hrs. 45 m., a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ} 22'$ to the E., and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

At 8 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 22' N.$ on the lat. arc; $7^{\circ} 36' S.$ 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.

At apparent noon, I set off $7^{\circ} 33' S.$ on the decl. arc; and observe the sun on the meridian; the resulting lat. is $34^{\circ} 22' N.$

At 4 hrs. 0 m., p.m., l.m.t., I set off $34^{\circ} 22' N.$ on the lat. arc; $7^{\circ} 28\frac{1}{2}' S.$ on the decl. arc; and determined 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 at elongation; therefore I conclude that the adjustments of the instrument are satisfactory.

SURVEY

I start from the original cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is a malpais stone, 18 X 10 X 5 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I freshen the marks on this cor., and build a mound of stone around it.

Thence
East on a random line, along the S. bdy. of Tp., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.; and at 354.35 chs., intersect the W. bdy. of sec. 31, T. 12 N., R. 5 W., 19.08 chs. N. of the cor. of Ts. 11 and 12 N., Rs. 5 W., described in Book "F."

At the point of intersection, set a granite stone, 24 X 10 X 8 ins., 18 ins. in the ground, for cor. of Ts. 11 and 12 N., Rs. 6 W., on W. bdy. of T. 12 N., R. 5 W., marked with 6 notches on N. and W. edges; from which
A pine, 10 ins. diam., brs. S. $40\frac{3}{4}^{\circ} W.$, 17 lks. dist., marked T11N R6W S1 BT.
A pine, 8 ins. diam., brs. N. $46^{\circ} W.$, 61 lks. dist., marked T12N R6W S36 BT.

Thence

West on a true line, along the S. bdy. of sec. 36. Over mountainous land, through scattering timber and undergrowth.

Asc. 120 ft. to

8.35
40.00

Ridge, brs. N. $70^{\circ} W.$ Desc. 330 ft.

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

$\frac{1}{4}$ S36
S1
1917

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

Survey of part of the S. Bdy. of T. 12 N., R. 6 W. 3.

Chains.

45.00 Asc. 30 ft. to
 50.00 Desc. 725 ft. to
 62.65 Gulch, course S.20° E. Asc. 45 ft. to
 65.00 Desc. 30 ft. to
 69.80 Asc. 50 ft. to
 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. 1, 2, 35 and 36, marked on brass cap

T12N	R6W
S35	S36
S 2	S 1
T11N	
1917	

From which
 A pine, 12 ins. diam., brs. N.42° E., 153 lks. dist., marked T12N R6W S36 BT.
 A pine, 13 ins. diam., brs. S.21° E., 99 lks. dist., marked T11N R6W S1 BT.
 A pine, 16 ins. diam., brs. S.47½° W., 51 lks. dist., marked T11N R6W S2 BT.
 A pine, 12 ins. diam., brs. N.10½° W., 102 lks. dist., marked T12N R6W S35 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, pine and juniper.
 Undergrowth, scrub oak, cat claw, manzanita and scrub mahogany.

8.40
 18.35
 25.00
 30:40
 40.00

West on a true line, along the S. bdy. of sec. 35. Over mountainous land, through scattering timber and undergrowth.
 Desc. 80 ft. to
 Creek, course S.60° E. Asc. 180 ft. to
 Short spur, slopes S.10° E. Desc. 50 ft. to
 Asc. to
 Ridge, brs. S.45° W. Desc. 150 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

¼ S35
¼ S 2
1917

43.20
 48.00
 80.00

From which
 A pine, 6 ins. diam., brs. N.84° W., 300 lks. dist., marked ¼S35 BT.
 A pine, 8 ins. diam., brs. S.79½° W., 294 lks. dist., marked ¼S2 BT.

Gulch, course N.50° W. Asc. 75 ft. to
 Ridge, brs. NW. and SE. Desc. 90 ft. to
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, in a mound of stone, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

T12N	R6W
S34	S35
S 3	S 2
T11N	
1917	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, pine and juniper.

4. Survey of part of the S. Bdy. of T. 12 N. R. 6 W.

Chains.

Undergrowth, scrub oak, cat claw, crucifixion thorn and manzanita.

West on a true line, along the S. bdy. of sec. 34.
Over mountainous land, through scattering timber and undergrowth.

13.30 Desc. 95 ft. to
25.10 Gulch, course N.59° W. Asc. 30 ft. to
40.00 Ridge, brs. N.62° W. Desc. 525 ft.
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

$$\begin{array}{r} \frac{1}{4} S34 \\ \hline S3 \\ 1917 \end{array}$$

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

53.20 Gulch, course S.60° W. Asc. 70 ft. to
64.25 Spur, slopes SW. Desc. 140 ft.
68.20 Gulch, course S.85° W. Continue descent.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

$$\begin{array}{r|l} T12N & R6W \\ S33 & S34 \\ \hline S4 & S3 \\ T11N & \\ 1917 & \end{array}$$

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, pine.
Undergrowth, scrub oak, cat claw, manzanita and crucifixion thorn.

West on a true line, along the S. bdy. of sec. 33.
Over mountainous land, through scattering undergrowth.

3.45 Desc. 85 ft. to
7.35 Gulch, course S. Asc. 45 ft. to
38.30 Short spur, slopes S. Desc. 225 ft. to
40.00 Gulch, course S.20° W. Asc. 25 ft.
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

$$\begin{array}{r} \frac{1}{4} S33 \\ \hline S4 \\ 1917 \end{array}$$

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

45.00 Desc. 55 ft. to
60.00 Asc. 25 ft. to
62.80 Spur, slopes N.50° W. Desc. 110 ft. to
70.00 Asc. 25 ft. to
74.00 Desc. 80 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for ~~west~~ cor. of secs. 32 and 33, marked on brass cap

Survey and Resurvey of part of the S. bdy. of T. 12 N., R. 6 W., S.

Chains.

T12N | R6W
S32 | S33

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, scrub oak, cat claw, manzanita, crucifixion thorn and scrub mahogany.

RESURVEY

From reestablished cor. of secs. 32 and 33, West on a true line, along the S. bdy. of sec. 32. Over rolling mountainous land, through scattering undergrowth.

28.30 Desc. 175 ft. to Thence over level land.

34.35 Intersect original cor. of secs. 4, 5, 32 and 33, hereinbefore described, which is now the cor. of secs. 4 and 5 only. Thence, continuing measurement.

40.00 S. 89° 51' W., on a true line, along the S. bdy. of sec. 32, north of sec. 5, T. 12 N., R. 6 W. (5.65 chs. from the original cor. of secs. 4 and 5.)

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 32, marked on brass cap,

¼ S 32
1917

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

66.30 Leave level land. Desc. 70 ft. to

73.85 Cottonwood Creek, course S. 43° W. Asc. 55 ft.

74.39 Diligent search in this vicinity failed to reveal any trace of the original ¼ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 5, marked on brass cap,

¼ S 5
1917

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

76.30 Asc. 55 ft. to Thence over level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for reestablished cor. of secs. 31 and 32, marked on brass cap,

T12N | R6W
S31 | S32
1917

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

Land, mountainous and level.

Soil, rocky, 4th rate.

No timber.

Undergrowth, cat claw, scrub oak and crucifixion thorn.

S. 89° 51' W., on a true line, along the S. bdy. of sec. 31.

34.43 Over rolling land, through scattering undergrowth.

Intersect original cor. of secs. 5, 6, 31 and 32, which now refers to secs. 5 and 6 only

6. ~~survey and Resurvey of parts of Sbdy of T. 12 N., R. 6 W.~~

Chains.

refers to secs. 5 and 6 only. This cor. is a volcanic stone, 6 X 10 X 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. The S. Bdy. of T. 12 N., R. 6 W. was resurveyed N. of sec. 6, in February, 1915, under current Group No. 36. Therefore, dis-continue resurvey at this cor. Change the marking on the ~~4~~ sec. cor. set under Group No. 36, to make it refer to sec. 6 only.

Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, catclaw and scrub oak.

Retracement of a Portion of the 3rd Std. Parallel North Thru R. 6 W. 7.

Chains. The bearing of the 3rd Standard Parallel North through R. 6 W., from the standard $\frac{1}{4}$ sec. cor. of sec. 32 to the Standard cor. of Ts. 13 N., Rs. 6 and 7 W., as determined by a retracement for bearing only, is S.89° 45' W.

Boundaries of T. 12 N., R. 6 W.

Latitudes, departures and closing errors.

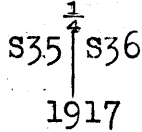
Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary.	West.	354.35				354.35
	S.89° 51' W.	80.08		.21		80.08
	N.89° 59' W.	79.12	.02			79.12
West Boundary.	North.	451.02	451.02			
North Boundary. (3rd Std. Par. N.)	N.89° 45' E. v	117.52	.52		117.52	
	East	200.00			200.00	
	N.89° 57' E.	80.16	.07		80.16	
	N.89° 55' E.	80.24	.12		80.24	
	N.88° 56' E.	34.11	.64		34.10	
East Boundary.	South.	454.23		454.23		
Convergency.					.50	
Totals.			452.39	454.44	512.52	513.55
				452.39		512.52
Error in latitude				2.05		
Error in departure						1.03

8. Surveys and Resurvey of the Subdivision of T. 12 N., R. 6 W.

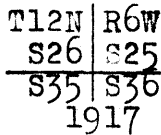
Chains.

SURVEY

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, hereinbefore described.
 Thence
 N.0° 1' W., bet. secs. 35 and 36.
 Over mountainous land, through scattering timber and dense undergrowth.
 Asc. 10 ft. to
 1.40 Desc. 90 ft. to
 9.00 Creek, course NW. Asc. 650 ft.
 40.00 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

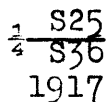


From which
 A juniper, 8 ins. diam., brs. N.29 $\frac{1}{2}$ ° E., 23 lks. dist., marked $\frac{1}{4}$ S36 BT.
 A juniper, 12 ins. diam., brs. S.83 $\frac{1}{4}$ ° W., 21 lks. dist., marked $\frac{1}{4}$ S35 BT.
 60.00 Ridge, brs. N.75° W. and S.75° E. Desc. 255 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap



From which
 A pine, 14 ins. diam., brs. N.42° E., 153 lks. dist., marked T12N R6W S25 BT.
 A pine, 13 ins. diam., brs. S.21° E., 99 lks. dist., marked T12N R6W S36 BT.
 A pine, 16 ins. diam., brs. S.47 $\frac{1}{4}$ ° W., 51 lks. dist., marked T12N R6W S35 BT.
 A pine, 12 ins. diam., brs. N.10 $\frac{1}{2}$ ° W., 102 lks. dist., marked T12N R6W S26 BT.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, pine and juniper.
 Undergrowth, scrub oak, cat claw, scrub mahogany and manzanita.

40.00 East on a random line, bet. secs. 25 and 36.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 25 and 36, which is an iron post, described in Book "P".
 Thence
 S.89° 57' W., on a true line, bet. secs. 25 and 36.
 Over mountainous land, through scattering timber and dense undergrowth.
 Along N. slope.
 10.00 Desc. 655 ft.
 40.01 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



And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 65.40 Creek, course NW. Thence along N. slope.

Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

9.

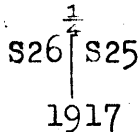
Chains.

72.90
80.02

Creek, course N.30° E.
The cor. of secs. 25, 26, 35 and 36.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, pine and juniper.
Undergrowth, scrub oak, cat claw, manzanita and crucifixion thorn.

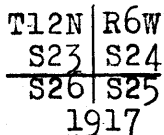
15.00
40.00

N.0° 1' W., bet. secs. 25 and 26.
Over mountainous land, through scattering timber and undergrowth.
Desc. 225 ft. to
Thence over rolling land.
Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap



50.00
55.00
72.00
80.00

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Asc. 35 ft. to
Desc. 70 ft. to
Thence over level land.
Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



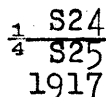
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak and willow.
Undergrowth, scrub oak, cat claw, manzanita, scrub mahogany and crucifixion thorn.

40.00
80.08

N.89° 57' E., on a random line, bet. secs. 24 and 25.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 7 lks. N. of the cor. of secs. 24 and 25, which is an iron post, described in Book "T.F."
Thence
West on a true line, bet. secs. 24 and 25.
Over mountainous land, through scattering timber and undergrowth.

7.00
36.00
40.04

Asc. 60 ft. to
Ridge, brs. N.60° W. and S.60° E. Desc. 235 ft.
Head of gulch, course N.75° W. Continue descent.
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap



52.45

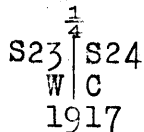
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
Creek, course N.32 1/2° W. Asc. 50 ft. to

Survey and Resurvey

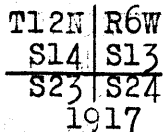
10. of Subdivision of T. 12 N., R. 6 W.

Chains.
 65.00 Desc. 45 ft. to
 74.00 Creek, course N.20° W. Asc. 40 ft. to
 80.08 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, pine, oak and willow.
 Undergrowth, scrub oak, cat claw and crucifixion thorn.

N.0° 1' W., bet. secs. 23 and 24.
 Over rolling land, through scattering timber and undergrowth.
 22.00 Enter creek bottom.
 27.70 Creek, course N.20° W.
 35.00 Same Creek, course N.5° E.
 39.80 Cottonwood Creek, course N.80° W.
 40.00 The true point for $\frac{1}{4}$ sec. cor. falls on steep bank of creek.
 40.30 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap

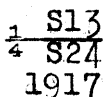


And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 45.00 Gulch, course S.9° W. Asc. 150 ft. to
 73.00 Thence over rolling mesa.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, rocky, 4th rate.
 Timber, oak and willow.
 Undergrowth, scrub oak, cat claw, manzanita and scrub mahoge any.

40.00 East on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 49.94 Intersect E. bdy. of Tp., 14 lks. N. of the cor. of secs. 13 and 24, which is an iron post, described in Book "F".
 Thence
 N.89° 54' W., on a true line, bet. secs. 13 and 24.
 Over rolling mountainous land, through undergrowth.
 Desc. to
 5.95 Draw, course NW. Asc. 65 ft. to
 14.95 Desc. 35 ft. to
 19.95 Asc. 110 ft. to
 31.10 Spur, slopes N.30° W. Desc. 95 ft. to
 39.97 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



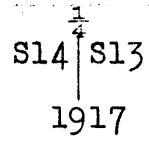
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Survey and Resurvey of Subdivision of T. 12 N., R. 6 W., S. 11.

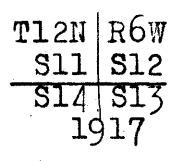
Chains.

79.94 Thence over gently rolling land.
 The cor. of secs. 13, 14, 23 and 24.
 Land, gently rolling and rolling mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw and crucifixion thorn.

9.00 N.0° 1' W., bet. secs. 13 and 14.
 11.20 Over rolling mountainous land, through scattering timber
 and undergrowth.
 Desc. 55 ft. to
 25.00 Gulch, course N.55° W. Asc. 25 ft. to
 40.00 Desc. 100 ft. to
 Canyon, course N.80° W. Asc. 200 ft.
 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

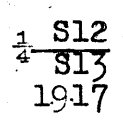


42.10 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 80.00 Thence over rolling mesa.
 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the
 ground, in a mound of stone, for cor. of secs. 11, 12,
 13 and 14, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling and rolling mountainous.
 Soil, rocky, 4th rate.
 Timber, pine and juniper.
 Undergrowth, cat claw, scrub mahogany, crucifixion thorn
 and manzanita.

40.00 S.89° 54' E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect E. bdy. of Tp., 11 lks. N. of the cor. of secs.
 12 and 13, which is an iron post, described in Book "F".
 Thence
 N.89° 49' W., on a true line, bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 Desc. 80 ft. to
 12.70 Thence over gently rolling mesa.
 40.05 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



55.00 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 80.10 Draw, course NW.
 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling and gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak and cat claw.

Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

30.00 N.0° 1' W., bet. secs. 11 and 12.
Over gently rolling land, through scattering undergrowth.
Desc. 70 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S11} \uparrow \text{S12} \\ 1917 \end{array}$$

44.25 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
50.00 Draw, course NW. Asc. 25 ft. to
80.00 Thence over gently rolling land.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 1, 2, 11 and 12, marked on
brass cap

$$\begin{array}{c} \text{T12N} \mid \text{R6W} \\ \text{S 2} \mid \text{S 1} \\ \hline \text{S11} \mid \text{S12} \\ 1917 \end{array}$$

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

40:00 S.89° 49' E., on a random line, bet. secs. 1 and 12.
80.14 Set temp. sec. cor.
Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs.
1 and 12, which is an iron post, described in Book "F".
Thence
N.89° 48' W., on a true line, bet. secs. 1 and 12.
Over gently rolling land, through scattering undergrowth.
34.55 Draw, course NW.
40.07 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

$$\begin{array}{c} \frac{1}{4} \text{ S 1} \\ \hline \text{S12} \\ 1917 \end{array}$$

80.14 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.
The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, scrub oak, cat claw and crucifixion thorn.

40.00 N.0° 1' W., on a true line, bet. secs. 1 and 2.
Over gently rolling land, through 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

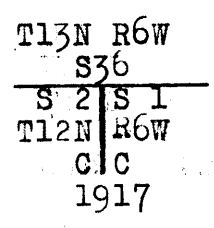
$$\begin{array}{c} \frac{1}{4} \\ \text{S 2} \uparrow \text{S 1} \\ 1917 \end{array}$$

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

Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

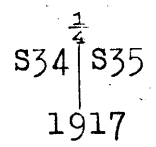
Chains.

50.74 Railroad fence, brs E. and W.
 52.30 S. F., P. & P. Ry., on curve, brs. approximately E. and W.
 52.80 Telegraph line, brs. E. and W.
 52.83 Intersect 3rd Standard Parallel North, 6.01 chs. S. 89° 55'
 W. of the standard $\frac{1}{4}$ sec. cor. of sec. 36, which is an
 ironpost, properly set, marked and witnessed as described
 by the Surveyor-General.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor.
 of secs. 1 and 2, marked on brass cap

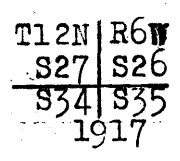


And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S.
 of cor.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak and cat claw.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of
 the Tp., which is an iron post, hereinbefore described,
 N. 0° 1' W., bet. secs. 34 and 35.
 Over mountainous land, through scattering undergrowth.
 Desc. 40 ft. to
 5.00 Gulch, course N. 60° W. Asc. 30 ft. to
 10.00 Spur, slopes N. 55° W. Desc. 135 ft. to
 19.00 Gulch, course N. 83° W. Asc. 210 ft. to
 34.00 Ridge, brs. E. and W. Desc. 230 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



And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 49.30 Gulch, course W. Asc. 310 ft. to
 54.80 Desc. 270 ft. to
 65.00 Gulch, course N. 88° W. Asc. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
 ground, in a mound of stone, for cor. of secs. 26, 27,
 34 and 35, 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, scrub oak, cat claw, manzanita and scrub oak.

40.00 East on a random line, bet. secs. 26 and 35.
 80.20 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 14 lks. S. of the cor. of secs.

Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

25, 26, 35 and 36.
 Thence
 S.89° 54' W., on a true line, bet. secs. 26 and 35.
 Over mountainous land, through scattering timber and under-
 growth.
 Asc. 460 ft. to
 32.60 Desc. 45 ft. to
 38.40 Gulch, course SE. Asc. 405 ft.
 40.10 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

$\frac{1}{4}$ S26
 $\frac{1}{4}$ S35
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 55.85 Ridge, brs. N. and S. High peak brs. N. 1.50 chs. dist.
 Desc. 895 ft. to
 80.20 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, pine and juniper.
 Undergrowth, cat claw, manzanita, scrub mahogany and cruci-
 fixation thorn.

N.0° 1' W., bet. secs. 26 and 27.
 Over mountainous land, through scattering timber and under-
 growth.
 Desc. 100 ft. to
 4.60 Gulch, course N.65° W. Asc. 30 ft. to
 11.10 Desc. 345 ft.
 15.00 Fence, brs. N.80° W. and S.80° E.
 35.00 Gulch, course N.60° W. Asc. 25 ft. to
 35.06 Top of sandstone cliff. Desc. 70 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$
 S27 | S26
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 42.80 Gulch, course N.75° W. Asc. 20 ft. to
 47.80 Desc. 155 ft. to
 54.25 Gulch, course N.80° W. Asc. 10 ft. to
 55.25 Desc. 215 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 22, 23, 26 and 27, marked on
 brass cap

T12N | R6W
 S22 | S23
 S27 | S26
 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, pine and juniper.
 Undergrowth, cat claw, scrub oak and crucifixion thorn.

N.89° 54' E., on a random line, bet. secs. 23 and 26.

Survey and Resurvey of Subdivision of Lots in T. 12 N., R. 6 W. 15.

Chains.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25 and 26.
 Thence
 S. $89^{\circ} 57'$ W., on a true line, bet. secs. 23 and 26.
 Over mountainous land, through scattering undergrowth.
 Asc. to
 8.30 Desc. 50 ft. to
 15.00 Asc. 25 ft. to
 20.00 From this point, Morris' house brs. N. about 20 chs. dist.
 Desc. 25 ft. to
 29.00 Gulch, course N. Asc. 45 ft.
 40.10 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

$\frac{1}{4}$ S23
 $\frac{1}{4}$ S26
 1917

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

55.00 Desc. 105 ft.
 60.60 Fence, brs. N. 20° W. and S. 20° E.
 80.20 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw, manzanita and crucifixion thorn.

N. $0^{\circ} 1'$ W., bet. secs. 22 and 23.
 Over mountainous land, through scattering undergrowth.
 Desc. 30 ft. to
 3.70 Cottonwood Creek, course S. 80° W. Asc. 235 ft.
 9.70 Fence, brs. N. 80° W. and S. 80° E.
 21.00 Ridge, brs. N. 75° E. and S. 75° W. Desc. 180 ft.
 40.00 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

$\frac{1}{4}$
 S22 | S23
 1917

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

59.00 Gulch, course W. Thence over rolling land, through dense undergrowth.
 62.50 Fence, brs. E. and W.
 67.35 Wash, course S. 80° W. Asc. 20 ft. to
 79.00 Leave dense, enter scattering undergrowth.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 14, 15, 22 and 23, marked on brass cap

T12N | R6W
 S15 | S14
 S22 | S23
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. This cor. is reestablished about 235 chs. E. of the original location.

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, mahogany and manzanita.

16. Survey and Resurvey of Subdivisional lines of T. 12 N. R. 6 W

Chains.

40.00 N.89° 57' E., on a random line, bet. secs. 14 and 23.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.22 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
 13, 14, 23 and 24.
 Thence
 S.89° 51' W., on a true line, bet. secs. 14 and 23.
 Over rolling land, through scattering undergrowth.
 5.20 Desc. 120 ft. to
 37.80 Wash, course S.5° W. Thence over gently rolling land.
 40.11 Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S14
 $\frac{1}{4}$ S23
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N
 of cor.
 43.90 Road, brs. N.60° E. and S.60° W.
 64.20 Corral, brs. S. about 2 chs. dist.
 69.20 Fence, brs. N.65° W. and S.65° E.
 70.20 Ranch house brs. S. about 5 chs. dist.
 75.90 Fence, brs. S.75° W. and N.75° E.
 80.22 The reestablished cor. of secs. 14, 15, 22 and 23.
 Land, rolling and gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw, manzanita and crucifixion
 thorn.

RESURVEY

As this line bet. secs. 14 & 15 is now about 30 chs. E. of the
 original position, make independent resurvey as follows:
 N.0° 1' W., bet. secs. 14 and 15.
 Over mountainous land, through scattering undergrowth.
 Asc. 75 ft. to
 16.60 Top of ascent; thence over rolling land.
 39.00 Desc. 130 ft.
 40.00 Diligent search in vicinity of original position failed
 to reveal any trace of the original $\frac{1}{4}$ sec. cor.
 Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., 22 ins. in the
 ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec.
 cor., marked on brass cap

$\frac{1}{4}$
 S15 | S14
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 60.00 Road, brs. NW. and SE.
 60.30 Gulch, course N.48° W. Asc. 60 ft. to
 65.00 Thence over gently rolling land.
 80.00 Diligent search in vicinity of original position failed
 to reveal any trace of the original $\frac{1}{4}$ sec. cor.
 Set an iron post, $\frac{3}{4}$ ft. long, 2 ins. diam., 20 ins. in the
 ground, in a mound of stone, for reestablished cor. of
 secs. 10, 11, 14 and 15, marked on brass cap

T12N R6W
 S10 | S11
 $\frac{1}{4}$ S15 | S14
 1917

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

Survey and Resurvey of Township 12 North, Range 6 West. 17

Chains. SURVEY.
 N.89°51'E, on a random line, bet. secs.11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.00 Intersect N.and S. line, 16 lks.N.of the cor.of secs.11,
 12,13 and 14.
 Thence,
 S.89°58'W., on a true line, bet. secs.11 and 14.
 Over gently rolling land.
 40.10 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,

$\frac{1}{4}$ S 11
 S 14
 1917

and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high, N.of
 cor.
 80.20 The reestablished cor.of secs.10,11,14 and 15.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber or undergrowth.

RESURVEY.

At this line, bet.secs.10 and 11 is now about 30 chs.E.of
 the original position, make independent resurvey, as fol-
 lows:
 N.0°1'W., bet. secs. 10 and 11.
 Over gently rolling land.
 40.00 Diligent search in vicinity of original position failed to
 reveal any trace of the original $\frac{1}{4}$ sec.cor.
 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for reestablished $\frac{1}{4}$ sec.cor., marked on
 brass cap,

s10 | s11
 1917

and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high, W.of
 cor.
 57.00 Draw, course NW.
 80.00 Diligent search in vicinity of original position failed
 to reveal any trace of the original cor.of secs.2,3,
 10 and 11.
 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
 the ground, for reestablished cor.of secs.2,3,10 and
 11, marked on brass cap,

T12N | R6W
 S 3 | S 2
 S10 | S11
 1917

and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high, W,
 of cor.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber or undergrowth.

SURVEY.

N.89°58'E., on a random line, bet.secs.2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.10 Intersect the cor.of secs.1,2,11 and 12.
 Thence,
 S.89°58'W., on a true line, bet. secs.2 and 11.
 Over gently rolling land, thru.scattering undergrowth.
 40.05 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,

18. Survey and Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

$$\begin{array}{c} \frac{1}{4} \text{ S } 2 \\ \text{S } 11 \\ 1917 \end{array}$$

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

- 80.10 The reestablished cor. of secs. 2, 3, 10 and 11.
Land, gently rolling. Soil, rocky, 4th rate.
No timber. Undergrowth, scrub oak and catclaw.

RESURVEY.

As this line, bet. secs. 2 and 3, is now about 30 chs. E. of the original position, make independent resurvey, as follows:

- N. $0^{\circ}1'W.$, on a true line, bet. secs. 2 and 3.
Over gently rolling land, thru. scattering undergrowth.
40.00 Diligent search in vicinity of original position failed to reveal any trace of the original $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

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

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

- 47.40 Railroad fence, brs. N. $45^{\circ}38'E.$ and S. $45^{\circ}38'W.$
49.30 S.F.P. & P. Ry., brs. N. $45^{\circ}38'E.$ and S. $45^{\circ}38'W.$
49.80 Telegraph line, brs. S. $45\frac{1}{2}^{\circ}W.$ and N. $45\frac{1}{2}^{\circ}E.$
51.20 Railroad fence brs. N. $45^{\circ}38'E.$ and S. $45^{\circ}38'W.$
52.86 Intersect 3rd. Standard Parallel North, 5.60 chs. S. $89^{\circ}57'W.$ of the Standard $\frac{1}{4}$ sec. cor. of sec. 35, which is an iron post, properly set, marked and witnessed, as described by the surveyor general.
At the point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished closing cor. of secs. 2 and 3, marked on brass cap,

$$\begin{array}{c} T13N R 6W \\ \text{S } 35 \\ \hline \text{S } 3 \text{ S } 2 \\ T12N R 6W \\ \text{C } \text{C} \\ 1917 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
I destroy the original closing cor. of secs. 2 and 3, which is a stone, 18x10x10 ins., in a mound of stone, set 10.65 chs. N. $89^{\circ}57'E.$ of the standard cor. of secs. 34 and 35, T. 13 N., R. 6 W.

Land, gently rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scrub oak and catclaw.

SURVEY.

- From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is an iron post, hereinbefore described, N. $0^{\circ}2'W.$, bet. secs. 33 and 34.
Over mountainous land, thru. scattering undergrowth.
Ascend 150 ft. to
15.00 Spur, slopes S. $85^{\circ}W.$. Descend 200 ft. to
27.50 Gulch, course N. $85^{\circ}W.$. Ascend 205 ft. to
35.00 Spur, slopes W. Descend 150 ft.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

3169

Survey and Resurvey of Subdivision of T.12 N., R.6 W. - 19

Chains.

S33 | S34
1917

- 42.50 and raise a mound of stone, 2 ft. base, 1½ ft. high, W of cor.
- Gulch, course N.78°W. Ascend 95 ft. to
- 55.00 Spur, slopes N.85°W. Descend 110 ft. to
- 60.00 Head of gulch, course N.60°E. Ascend 25 ft. to
- 62.50 Spur, slopes NW. Descend 270 ft. to
- 80.00 Diligent search in vicinity of original position failed to reveal any trace of the original cor. of secs. 27, 28, 33 and 34.
- Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T12N R 6W
S28 | S27
S33 | S34
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, catclaw, scrub oak, manzanita & mahogany.

-
- East, on a random line, bet. secs. 27 and 34.
 - 40.00 Set temp. ¼ sec. cor.
 - 79.98 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 26, 27, 34 and 35.
 - Thence,
 - N.89°56'W., on a true line, bet. secs. 27 and 34.
 - Over mountainous land, thru. scattering undergrowth.
 - Descend 100 ft. to
 - 5.25 Gulch, course N.20°W. Ascend 40 ft. to
 - 10.00 Descend 280 ft. to
 - 29.25 Gulch, course N.8°W. Ascend 130 ft. to
 - 34.00 Descend 315 ft.
 - 39.99 Set an iron post 3 ft. long, 1 in. in diam., 5 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap,

S 27
S 34
1917

- and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- 62.48 Gulch, course SW. Ascend to
- 65.00 Descend 120 ft. to
- 70.00 Ascend 15 ft. to
- 73.30 Descend 70 ft. to
- 78.00 Gulch, course NW. Ascend to
- 79.98 The reestablished cor. of secs. 27, 28, 33 and 34.
- Land, mountainous.
- Soil, rocky, 4th rate; large granite boulders.
- No timber.
- Undergrowth, scrub oak, catclaw, scrub mahogany, manzanita and crucifixion thorn.

RESURVEY.

- As this line bet. secs. 27 and 28 is now about 30 chs. E. of the original position make independent resurvey as follows:
- N.0°2'W., bet. secs. 27 and 28.
- Over mountainous land, thru. scattering undergrowth.
- Descend 55 ft. to
- 3.90 Gulch, course N.50°W. Ascend 175 ft. to
- 11.30 Spur, slopes N. 60°W. Descend 285 ft. to
- 31.00 Cottonwood Creek, course W. Ascend 265 ft.
- 40.00 Diligent search in vicinity of original position failed to reveal any trace of the original ¼ sec. cor.
- Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the

20. Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

S28 | S27
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Ridge, brs. NW. and SE. Descend 115 ft. to
 50.40 Gulch, course S. 15° W. Ascend 25 ft. to
 75.00 Diligent search in vicinity of original position failed to
 80.00 reveal any trace of the original cor. of secs. 21, 22, 27 & 28. Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for reestablished cor. of secs. 21, 22, 27 & 28, marked on brass cap,

T12N | R 6W
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, scrub oak, catclaw and crucifixion thorn.

SURVEY.

S. $89^\circ 56'$ E., on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 22, 23, 26 and 27.
 Thence,
 N. $89^\circ 51'$ W., on a true line, bet. secs. 22 and 27.
 Over mountainous land, thru. scattering undergrowth.
 Descend to
 8.15 Cottonwood Creek, course S. 78° W. Ascend 270 ft. to
 30.75 South slope of rocky butte. Descend 460 ft.
 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 22
S 27
1917

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

71.15 Gulch, course S. Ascend 40 ft. to
 78.15 Rocky butte. Descend 25 ft. to
 80.14 The reestablished cor. of secs. 21, 22, 27 and 28.
 Land, mountainous. Soil, rocky, 4th rate.
 No timber. Undergrowth, catclaw, scrub oak & manzanita.

RESURVEY.

As this line bet. secs. 21 and 22 is now about 30 chs. E. of the original position, make independent resurvey as follows:
 N. $0^\circ 2'$ W., bet. secs. 21 and 22.
 Over rolling land, thru. scattering undergrowth.
 20.00 Ascend 35 ft. to
 25.00 Ridge, brs. NE. and SW. Descend 100 ft.
 40.00 Diligent search in vicinity of original position failed to reveal any trace of the original $\frac{1}{4}$ sec. cor.
 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

S21 | S22
1917

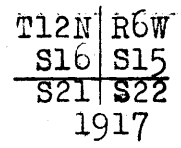
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

51.40 Wash, course S. 80° W. Ascend to
 60.00 Thence over gently rolling mesa.
 80.00 Diligent search in vicinity of original position failed to reveal any trace of the original cor. of secs. 15, 16, 21 and 22.

Survey and Resurvey of Subdivisions of Township 12 N., R. 6 W., 21.

Chains.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, reestablished for cor. of secs. 15, 16, 21 and 22, marked on brass cap,



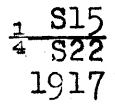
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling and gently rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scrub oak, cat claw and crucifixion thorn.

40.00
80.12

S. 89° 51' E., on a random line, bet. secs. 15 and 22.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 28 lks. S. of the reestablished cor. of secs. 14, 15, 22 and 23.

40.06

Thence
S. 89° 57' W., on a true line, bet. secs. 15 and 22.
Over gently rolling land.
Diligent search in vicinity of original position failed to reveal any trace of the original 1/4 sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor., marked on brass cap



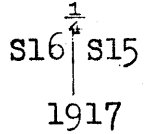
80.12

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
The reestablished cor. of secs. 15, 16, 21 and 22.
Land, gently rolling.
Soil, rocky, 4th rate.
No timber or undergrowth.

SURVEY

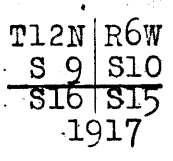
30.00
40.00

N. 0° 2' W., bet. secs. 15 and 16.
Over rolling mountainous land, through scattering undergrowth.
Asc. 180 ft. to
Top of ascent; thence over rolling land.
Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground in a mound of stone, for 1/4 sec. cor., marked on brass cap



60.00
63.00
64.20
80.00

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Desc. 30 ft.
Road, brs. E. and W.
Gulch, course W. Asc. 50 ft. to
Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground, in a mound of stone, for cor. of secs. 9, 10, 15 and 16, marked on brass cap



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

22. Survey and Resurvey of Subdivision of Secs. 12 N., R. 6 W.

Chains.

Soil, rocky, 4th rate.
No timber.
Undergrowth, scrub oak and cat claw.

40.00 N.89° 57' E., on a random line, bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
80.24 Intersect N. and S. line, 14 lks. N. of the reestablished
cor. of secs. 10, 11, 14 and 15.

Thence
40.12 N.89° 57' W., on a true line, bet. secs. 10 and 15.
Over gently rolling land, through 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

$\frac{1}{4}$ S10
 $\frac{1}{4}$ S15
1917

80.24 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.
The cor. of secs. 9, 10, 15 and 16.
Land, gently rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw.

40.00 N.0° 2' W., bet. secs. 9 and 10.
Over gently rolling land, through 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

$\frac{1}{4}$
S 9 | S 10
1917

80.00 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the
ground, in a mound of stone, for cor. of secs. 3, 4, 9
and 10, marked on brass cap

T12N | R6W
S 4 | S 3
S 9 | S10
1917

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

40.00 S.89° 57' E., on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line, 9 lks. S. of the reestablished
cor. of secs. 2, 3, 10 and 11.

Thence
22.05 N.89° 53' W., on a true line, bet. secs. 3 and 10.
Over gently rolling land,
Gulch, course NW.

25.05 Reservoir brs. N. 3 chs. dist.
40.03 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

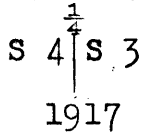
S 3
S10
1917

Survey and Resurvey of Subdivision of township. 12 N., R. 6 W. 23.

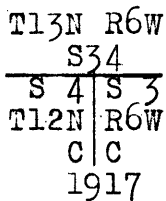
chains.

80.06 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 The cor. of secs. 3, 4, 9 and 10.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber or undergrowth.

40.00 N.0° 2' W., on a true line, bet. secs. 3 and 4.
 Over gently rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



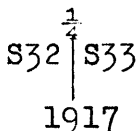
48.95 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Railroad fence, brs. E. and W.
 50.50 S. F., P. & P. Ry., on curve, brs. E. and W.
 51.10 Telegraph line, brs. E. and W.
 52.10 Railroad fence, brs. E. and W.
 52.60 Intersect 3rd Standard Parallel North, 5.38 chs. W. of the standard ¼ sec. cor. of sec. 34, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.
 At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, in a mound of stone, for closing cor. of secs. 3 and 4, marked on brass cap



And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
 Land, gently rolling.
 Soil, rocky, 4th rate. No timber or undergrowth.

RESURVEY

As this line bet. secs. 32 & 33 is now about 30 chs. E. of original position, make independent resurvey as follows:
 From reestablished cor. of secs. 32 & 33 on S. bdy. of the Tp., which is an iron post, hereinbefore described, N.0° 2' W., bet. secs. 32 and 33.
 Over mountainous land, through scattering undergrowth.
 Desc. 135 ft. to
 12.70 Gulch, course N. 62° W. Asc. 80 ft. to
 19.95 Spur, slopes N. 85° E. Desc. 70 ft. to
 35.00 Foot of descent; thence over level land.
 40.00 Diligent search in vicinity of original position failed to reveal any trace of the original ¼ sec. cor.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor., marked on brass cap



55.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Desc. 35 ft. to
 60.00 Gulch, course W. Asc. 135 ft. to
 68.45 Spur, slopes N. 65° W. Desc. 75 ft. to
 80.00 Diligent search in vicinity of original position failed to reveal any trace of the original cor. of secs. 28, 29, 32 and 33.

24. Survey and Resurvey of ~~Subdivision of Township 12 N., R. 6 W.,~~

Chains.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 28, 29, 32 and 33, marked on brass cap.

T12N R6W
 S29 | S28

 S32 | S33
 1917

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

Land, mountainous.

Soil, rocky, 4th rate; large boulders.

No timber.

Undergrowth, scrub oak, cat claw, manzanita, scrub mahogany and crucifixion thorn.

40.00
 80.10

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

Set temp. ¼ sec. cor.

Intersect N. and S. line, 8 lks. S. of the reestablished cor. of secs. 27, 28, 33 and 34.

Thence

S. 89° 57' W., on a true line, bet. secs. 28 and 33.

Over mountainous land, through scattering undergrowth.

Asc. 95 ft. to

9.10

Spur, slopes N. Desc, 75 ft. to

12.30

Gulch, course N. 77° W. Asc. 15 ft. to

30.10

Spur, slopes N. 85° W. Desc. 115 ft.

40.05

Diligent search in the vicinity of original position failed to reveal any trace of the original ¼ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

¼ S28

 S33
 1917

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

43.45

Gulch, course N. 37° W. Asc. 105 ft. to

52.90

Spur, slopes N. 35° W. Desc. 150 ft. to

76.10

Gulch, course NW. Asc. 30 ft. to

80.10

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

Land, mountainous

Soil, rocky, 4th rate.

No timber.

Undergrowth, scrub oak, manzanita, cat claw and crucifixion thorn.

SURVEY.

N. 0° 2' W., bet. secs. 28 and 29.

Over rolling mountainous land; through scattering undergrowth.

Desc. 50 ft. to

9.00

Cottonwood Creek, course S. 87° W. Asc. 70 ft. to

15.00

Thence over rolling land.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

¼ S29 | S28

 1917

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

Desc. 25 ft. to

45.60

Gulch, course W. Asc. 135 ft. to

65.00

Thence over level land.

80.00

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

Survey and Resurvey of Subdivision of Tract 21 N. 4. R. 26 W. S. 6 T. 25.

Chains.	<div style="text-align: center;"> <table border="1"> <tr><td>T12N</td><td>R6W</td></tr> <tr><td>S20</td><td>S21</td></tr> <tr><td>S29</td><td>S28</td></tr> </table> <p>1917</p> </div> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, level, rolling and rolling mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, cat claw, crucifixion thorn and scrub oak.</p>	T12N	R6W	S20	S21	S29	S28
T12N	R6W						
S20	S21						
S29	S28						
<p>40.00 80.04</p> <p>2.00 26.60 40.02</p>	<p>N.89° 57' E., on a random line, bet. secs. 21 and 28. Set temp. ¼ sec. cor. Intersect N. and S. line, 9 lks. N. of the reestablished cor. of secs. 21, 22, 27 and 28. Thence N.89° 59' W., on a true line, bet. secs. 21 and 28. Over rolling mountainous land, through scattering undergrowth. Desc. 15 ft. to Gulch, course S. Asc. 165 ft. to S. slope of butte. Desc. 125 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> <div style="text-align: center;"> <table border="1"> <tr><td>S21</td></tr> <tr><td>¼ S28</td></tr> </table> <p>1917</p> </div> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Thence over level land. The cor. of secs. 20, 21, 28 and 29. Land, level and rolling mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scrub oak, cat claw, manzanita and crucifixion thorn.</p>	S21	¼ S28				
S21							
¼ S28							
<p>45.00 80.04</p> <p>24.00 31.50 35.00 40.00</p> <p>50.00 80.00</p>	<p>N.0° 2' W., bet. secs. 20 and 21. Over rolling land, through scattering undergrowth. Gulch, 2 chs. wide, 30 ft. deep, course N.80° W. Desc. 50 ft. to Wash, course W. Asc. 95 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> <div style="text-align: center;"> <table border="1"> <tr><td>S20</td><td>¼</td><td>S21</td></tr> <tr><td colspan="3">↑</td></tr> </table> <p>1917</p> </div> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Thence over rolling mesa. Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap</p>	S20	¼	S21	↑		
S20	¼	S21					
↑							

26. Survey and Resurvey of Subdivision of T. 12N., R. 126W., S. 6.

Chains.

T12N R6W
 S17 | S16
 S20 | S21
 1917

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

40.00 S. 89° 59' E., on a random line, bet. secs. 16 and 21.
 Set temp. ¼ sec. cor.
 79.80 Intersect N. and S. line, 11 lks. N. of the reestablished cor. of secs. 15, 16, 21 and 22.

Thence
 N. 89° 54' W., on a true line, bet. secs. 16 and 21.
 Over gently rolling land, through scattering undergrowth.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1 S16
 4 S21
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 79.80 The cor. of secs. 16, 17, 20 and 21.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak and cat claw.

N. 0° 2' W., bet. secs. 16 and 17.
 Over rolling land, through scattering undergrowth.
 Desc. 30 ft. to
 8.00 Gulch, course N. 70° W. Asc. 30 ft. to
 20;00 Spur, slopes N. 85° W. Desc. 45 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1 S17 | S16
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 48.90 Gulch, course N. Asc. 155 ft. to
 62.20 Thence over level land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T12N R6W
 S 8 | S 9
 S17 | S16
 1917

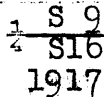
And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.

Survey and Resurvey of Subdivision of T. 12 N., R. 6 W. 27.

Chains.

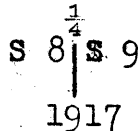
Undergrowth, scrub oak, cat claw and crucifixion thorn.

40.00 S.89° 54' E., on a random line, bet. secs. 9 and 16.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.72 Intersect N. and S. line, at the cor. of secs. 9, 10, 15
 and 16.
 Thence
 N.89° 54' W., on a true line, bet. secs. 9 and 16.
 Over gently rolling land, through scattering undergrowth.
 39.10 Road, brs. N.30° W. and S.30° E.
 39.86 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

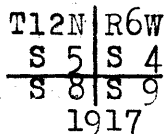


And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
 of cor.
 50.72 Gulch, course N.60° W.
 53.70 Same gulch, course SW
 79.72 The cor. of secs. 8, 9, 16 and 17.
 Land, gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw and crucifixion thorn.

31.30 N.0° 2' W., bet. secs. 8 and 9.
 40.00 Over gently rolling land, through scattering undergrowth.
 Road, brs. NW. and SE.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap



80.00 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 4, 5, 8 and 9, marked on
 brass cap



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

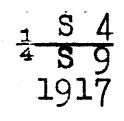
40.00 S.89° 54' E., on a random line, bet. secs. 4 and 9.
 79.90 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 9 lks. S. of the cor. of secs,
 3, 4, 9 and 10.
 Thence
 N.89° 58' W., on a true line, bet. secs. 4 and 9.
 Over gently rolling land, through scattering undergrowth.

28 Survey & Resurvey Subdivision of T. 12 N., R. 6 W.

Chains.

39.95

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, N. of cor.

79.90

The cor. of secs. 4, 5, 8 and 9. Land, gently rolling. Soil, rocky, 4th rate. No timber. Undergrowth, scrub oak and cat claw.

32.58

N.0° 2' W., on a true line, bet. secs. 4 and 5. Over rolling land, through scattering undergrowth.

38.48

Railroad fence, brs. N.6° 49' E. and S.6° 49' W.

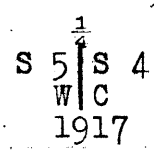
40.00

S. F., P. & P. Ry., brs. N.6° 49' E. and S.6° 49' W.

42.00

The true point for 1/4 sec. cor. falls on railroad grade, where it cannot be established.

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



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

43.50

Telegraph line, brs. S.6° 49' W. and N.6° 49' E.

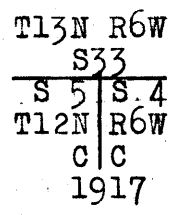
49.60

Railroad fence, brs. N.6° 49' E. and S.6° 49' W.

52.18

Intersect 3rd Standard Parallel North, 5.03 chs. W. of the standard 1/4 sec. cor. of sec. 33, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, marked on brass cap



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

Land, rolling. Soil, rocky, 4th rate. No timber. Undergrowth, scrub oak and cat claw.

40.00

reestablished From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., which is an iron post, hereinbefore described, N.0° 3' W., bet. secs. 31 and 32. Over gently rolling land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

Survey and Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.	$\begin{array}{c} \frac{1}{4} \\ S31 S32 \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap</p> $\begin{array}{c} T12N R6W \\ S30 S29 \\ \hline S31 S32 \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling. Soil, rocky, 4th rate. No timber. Undergrowth, scrub oak, cat claw, and crucifixion thorn.</p>
40.00 80.06	<p>East on a random line, bet. secs. 29 and 32. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.06 Intersect the reestablished cor. of secs. 28, 29, 32 and 33. Thence West on a true line, bet. secs. 29 and 32. Over rolling land, through scattering undergrowth. Desc. 45 ft. to Asc. 25 ft. to 16.00 Point of spur, slopes NW. Desc. 40 ft. to 25.00 Cottonwood Creek, course S.25° W. Asc. 40 ft. to 32.05 Thence over rolling mesa. 40.03 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</p> $\begin{array}{c} \frac{1}{4} S29 \\ S32 \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>80.06 The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, rocky, 4th rate. No timber. Undergrowth, scrub oak and cat claw.</p>
40.00 113.38	<p>West on a random line, bet. secs. 30 and 31. Set temp; $\frac{1}{4}$ sec. cor.</p> <p>113.38 Intersect W. bdy. of Tp., 10 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, properly set, marked and witnessed as described in field notes of current Group No. 36. Thence S.89° 57' E., on a true line, bet. secs. 30 and 31. Over rolling land, through scattering undergrowth. 39.40 Wash, 50 lks. wide, course S. 73.38 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</p>

30 Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

$\frac{1}{4}$ S30
 $\frac{1}{4}$ S31
1917

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

93.70 Telegraph line, brs. N.37° E. and S.37° W.
94.30 S. F., P. & P. Ry., brs. N.37° E. and S.37° W.
113.38 The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw and crucifixion thorn.

N.0° 3' W., bet. secs. 29 and 30.
Over rolling land, through scattering undergrowth.
Asc. 30 ft. to

5.00 Spur, slopes W. Desc. 35 ft.
10.30 S. F., P. & P. Ry., on curve, general directions NE. and SW.

10.80 Telegraph line, brs. NE. and SW.

25.00 Gulch, course N.75° W.

30.25 Railroad fence, brs. N.24° 36' W. and S.24° 36' E.

32.65 Telegraph line, brs. N.24½° W. and S.24½° E.

34.64 S. F., P. & P. Ry., brs. N.24° 36' W. and S.24° 36' E.

38.74 Railroad fence, brs. N.25° W. and S.25° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$
S30 | S29
1917

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

42.65 Railroad fence, brs. NE. and SW.

45.85 S. F., P. & P. Ry., on curve, general directions NE. and SW.

46.80 Railroad fence, brs. NE. and SW.

48.50 Telegraph line, brs. NE. and SW.

55.00 Desc. 55 ft. to

75.00 Ravine, course N.50° W. Asc. 25 ft. to

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

T12N | R6W
S19 | S20
S30 | S29
1917

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

Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, cat claw.

40.00 East on a random line, bet. secs. 20 and 29.

80.12 Set temp. ¼ sec. cor.

Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N.89° 58' W., on a true line, bet. secs. 20 and 29.

Over rolling land, through scattering undergrowth.

Survey and Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

25.10 Desc. 125 ft. to
 40.06 Thence over gently rolling land.
 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. 45 ft. to
 Thence over gently rolling land.
 60.10 Desc. 85 ft. to
 70.10 Thence over rolling land.
 72.55 Railroad fence, brs. N.20° W. and S.20° E.
 74.00 S. F., P. & P. Ry., on curve, general directions N.20° W. and S.20° E.
 74.60 Telegraph line, brs. N.20° W. and S.20° E.
 75.50 Railroad fence, brs. N.20° W. and S.20° E.
 80.12 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling and gently rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw and crucifixion thorn.

40.00 N.89° 57' W., on a random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.
 113.26 Intersect W. bdy. of T., 14 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, properly set, marked and witnessed as described by the field notes of current Group No. 36.

Thence
 S.89° 53' E., on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.
 3.30 Wash, course S.
 6.60 Wash, course S.10° E.
 53.62 Asc. gradually.
 73.26 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.

113.26 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw and crucifixion thorn.

N.0° 3' W., bet. secs. 19 and 20.
 Over rolling land, through scattering undergrowth.
 5.05 Railroad fence, brs. N.53° 49' W. and S.53° 49' E.
 6.20 Telegraph line, brs. N.53° 49' W. and S.53° 49' E.
 6.90 S. F., P. & P. Ry., brs. N.53° 49' W. and S.53° 49' E.
 8.90 Railroad fence, brs. N.53° 49' W. and S.53° 49' E.
 30.30 Ritter Creek Wash, course N.65° 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

32. Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

$\frac{1}{4}$
 S19 | S20
 1917

45.00 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 80.00 Asc. gradually.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 17, 18, 19 and 20, marked on
 brass cap

T12N	R6W
S18	S17
S19	S20

 1917

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, scrub oak, cat claw and crucifixion thorn.

40.00 S.89° 58' E., on a random line, bet. secs. 17 and 20.
 80.06 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 23 lks. S. of the cor. of secs.
 16, 17, 20 and 21.

40.03 Thence
 S.89° 52' W., on a true line, bet. secs. 17 and 20.
 Over rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{2}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S17
 $\frac{1}{4}$ S20
 1917

80.06 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
 The cor. of secs. 17, 18, 19 and 20.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw and crucifixion thorn.

40.00 N.89° 53' W., on a random line, bet. secs. 18 and 19.
 113.16 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect W. bdy. of Tp., 16 lks. N. of the cor. of secs.
 13, 18, 19 and 24, which is an iron post, properly set,
 marked and witnessed as described in the field, notes of
 current Group No. 36.

15.10 Thence
 20.20 S.89° 58' E., on a true line, bet. secs. 18 and 19.
 25.00 Over rolling land, through scattering undergrowth.
 73.16 Asc. 30 ft. to
 Spur, slopes SW. Desc. 30 ft. to
 Gulch, course S.37° W. Asc. 65 ft. to
 Thence over rolling land.
 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

Survey and Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

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

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

82.96 Railroad fence, brs. N.8° 55' W. and S.8° 55' W.
83.91 Telegraph line, brs. N.8° 55' W. and S.8° 55' E.
84.46 S. F., P. & P. Ry., brs. N.8° 55' W. and S.8° 55' E.
86.06 Railroad fence, brs. N.8° 55' W. and S.8° 55' E. Asc. 60 ft. to

100.00 Thence over gently rolling land.
113.16 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and gently rolling.
Soil, rocky, 4th rate.
No timber:
Undergrowth, cat claw, scrub oak and crucifixion thorn.

20.00 N.0° 3' W., bet. secs. 17 and 18.
Over rolling land, through scattering undergrowth.
Desc. gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 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.

53.80 Black Canyon Gulch, course N.86° W.
61.00 Asc. 120 ft. to
70.00 Thence over gently rolling land.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T. 12N R6W
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, rolling and gently rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw.

40.00 N.89° 52' E., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16 and 17.
Thence

40.04 S.89° 51' W., on a true line, bet. secs. 8 and 17.
Over rolling land, through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 8
S17
1917

Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.	<p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>80.08 The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, rocky, 4th rate. No timber. Undergrowth, cat claw, and scrub oak.</p>
40.00 113.01	<p>N.89° 58' W., on a random line, bet. secs. 7 and 18. Set temp. ¼ sec. cor. Intersect W. bdy. of Tp., 13 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, properly set, marked and witnessed as described in the field notes of concurrent Group No. 36. Thence S.89° 54' E., on a true line, bet. secs. 7 and 18. Over rolling mountainous land, through scattering undergrowth. Asc. gradually to 15.00 Spur, slopes S. Desc. to 21.46 Wash, course S. Asc. 235 ft. 27.00 Railroad fence, brs. N.44° 8' W. and S.44° 8' E. 28.80 Telegraph line, brs. N.44° 8' W. and S.44° 8' E. 29.80 S. F., P. & P. Ry., brs. N.44° 8' W. and S.44° 8' E. 32.89 Railroad fence, brs. N.44° 8' W. and S.44° 8' E. 73.01 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap</p> <p style="text-align: center;"> $\begin{array}{c} \frac{1}{4} S 7 \\ \frac{1}{4} S 18 \\ 1917 \end{array}$ </p> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>97.89 S. slope of mesa; desc. 80 ft. to 113.01 The cor. of secs. 7, 8, 17 and 18. Land, rolling mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, cat claw and scrub oak.</p>
5.00 14.00 40.00	<p>N.0° 3' W., bet. secs. 7 and 8. Over rolling land, through scattering undergrowth. Asc. 100 ft. to 14.00 Thence over gently rolling mesa, brs. E. and W. 40.00 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 style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ S 7 \uparrow S 8 \\ 1917 \end{array}$ </p> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>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, 7 and 8, marked on brass cap</p> <p style="text-align: center;"> $\begin{array}{c} T12N R6W \\ S 6 S 5 \\ \hline S 7 S 8 \\ 1917 \end{array}$ </p> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, W.</p>

Chains.

of cor.
Land, rolling, and gently rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scrub oak and cat claw.

40.00 N.89° 51' E., on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.
80.12 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
4, 5, 8 and 9.

Thence
40.06 S.89° 54' W., on a true line, bet. secs. 5 and 8.
Over rolling land, through 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

$\frac{1}{4}$ S 5
S 8
1917

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

50.22 Road, brs. NW. and SE.
80.12 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scrub oak and cat claw.

40.00 N.89° 54' W., on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
112.89 Intersect W. bdy, of Tp., 3 lks. S. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, properly set,
marked and witnessed as described in the field notes of
current Group No.36.

Thence
9.00 S.89° 53' E., on a true line, bet. secs. 6 and 7.
Over rolling land, through scattering undergrowth.
24.08 Road, brs. NE. to Prescott and SW. to Phoenix.
26.00 Wash, course SW.
40.45 Same road, brs. SE. to Prescott and NW. to Phoenix.
45.75 Same road, brs. NE. to Prescott and SW. to Phoenix.
46.85 Rail road fence, brs. N.28° 31' E. and S.28° 31' W.
47.45 S. F., P. & P. Ry., brs. N.28° 31' E. and S.28° 31' W.
49.25 Telegraph line, brs. N.28° 31' E. and S.28° 31' W.
Wash, course SW. Railroad fence, brs. N.28° 31' E. and
S.28° 31' W. Asc. 65 ft. to
62.90 Thence over gently rolling land.
72.89 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

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

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

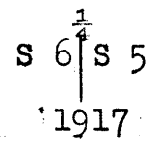
112.89 The cor. of secs. 5, 6, 7 and 8.
Land, rolling and gently rolling.

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

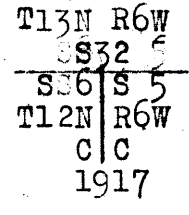
Survey & Resurvey of Subdivision of T. 12 N., R. 6 W.

Chains.

N.0° 3' W., on a true line, bet. secs. 5 and 6.
 Over rolling land, through scattering undergrowth.
 Desc. 110 ft. to
 20.00 Thence over gently rolling land.
 34.60 Road, brs. NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 49.05 Railroad fence, brs. N.61° 23' W. and S.61° 23' E.
 50.82 S. F., P. and P. Ry., brs. N.61° 23' W. and S.61° 23' E.
 52.02 Intersect 3rd Standard Parallel North, 5.05 chs. S.89° 45'
 W. of the standard $\frac{1}{4}$ sec. cor. of sec. 32, which is an
 iron post, properly set, marked and witnessed as describ-
 ed by the Surveyor-General.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor.
 of secs. 5 and 6, marked on brass cap



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

General Description.

The south east quarter of this township is mountainous
 land, strewn with huge granite boulders; the northern
 half is high, rolling land; and the south west quarter is
 low, rolling land. The mountainous portions of the town-
 ship are covered with a growth of pine and juniper timber;
 and dense scruboaks undergrowth; the rolling land has a
 scattering growth of scrub oak and cat claw undergrowth.
 The soil is very rocky, except in the extreme south
 western part, where it is sandy and gravelly.
 There is a spring in sec. 23, one in sec. 14 and one
 in sec. 34. There is a settler in sec. 23 and one in
 sec. 28.

4-680

FIELD ASSISTANTS.

to Theo. O. Johnston - U.S. Surveyor.

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

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,

Phoenix, Arizona, *November 8*, 1918.

The foregoing field notes of the ~~survey of~~ Retracement of the Third Standard Parallel North, thru part of Range 6 West, the RESURVEY of part of the South bdy. and part of the Subdivision lines, and the SURVEY of part of the South bdy., and part of the subdivision lines of TOWNSHIP 12 NORTH, RANGE 6 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Theo. O. Johnston, U. S. Surveyor, under ~~his~~ special instructions dated Oct. 5, 1915, for Group 60, Arizona, having been critically examined, and the necessary corrections and explanations made, retracements, resurveys & the said field notes, and the surveys they describe, are hereby approved.

Frank D. Smith

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.~~