

3171

Book "J"

4-679

BOOK 3171

FIELD NOTES

OF THE RETRACEMENT OF

Part of the Subdivision lines, and

the RESURVEY of

Part of the East boundary, and

Part of the Subdivision lines, and

the SURVEY of the

Completion of the Subdivision lines of

TOWNSHIP 13 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 April 27, 1917.

Retracement,

Resurvey & Survey completed May 2, 1917.

Executed under Assignment
Instructions dated Nov. 25, 1916.

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397

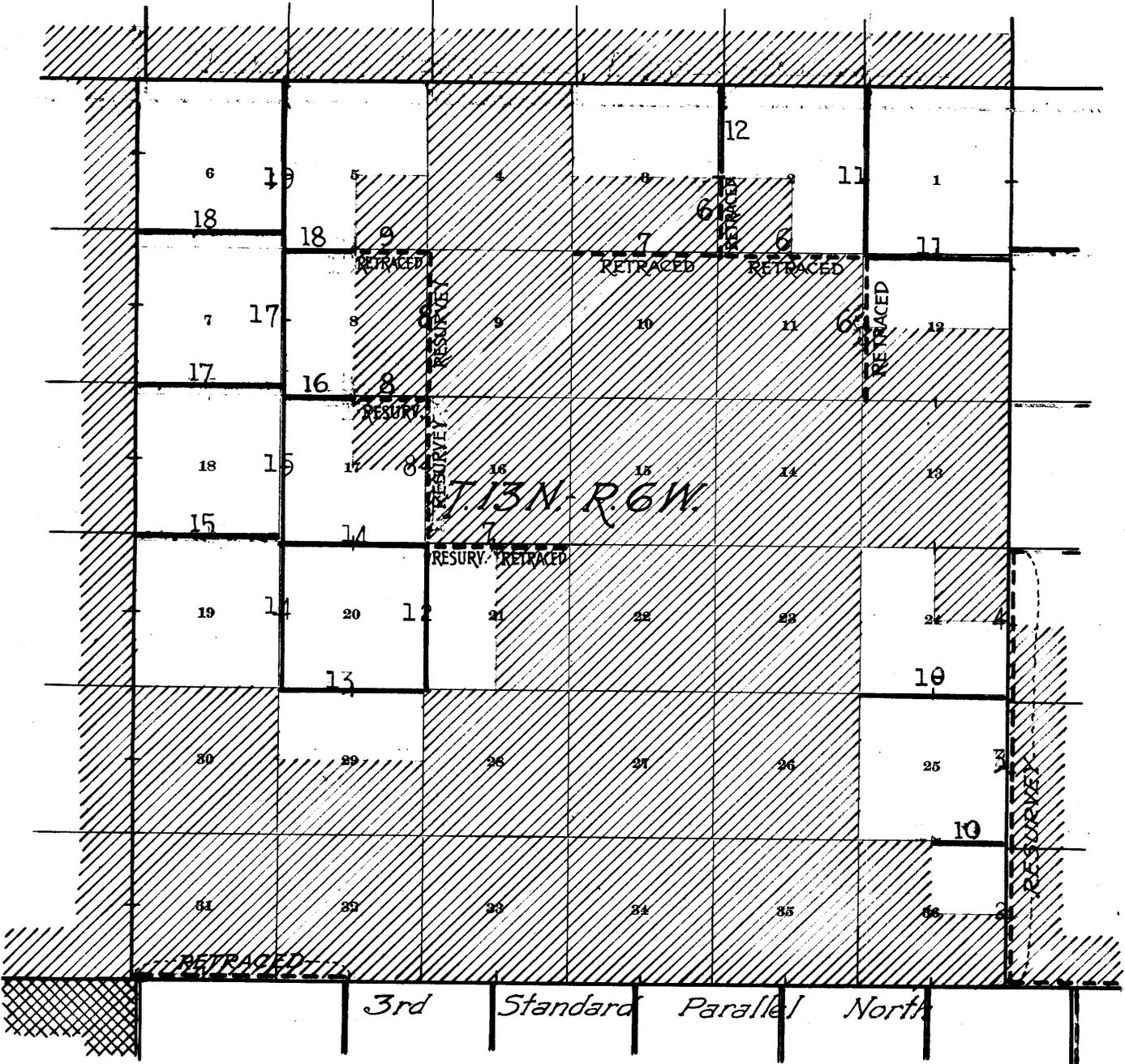
378
1A

3171
Book "J"

Group 60 - - - Arizona.

BOOK 3171

INDEX DIAGRAM.



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- Lines surveyed under current Group 36.
- //// Areas surveyed as per accepted plats on file.

Book "J"

Group 60 - - - Arizona.

Township 13 North, Range 6 West.

DATE DIAGRAM.

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

3rd. Standard Parallel North.

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

2. Resurvey of a Portion of the East Boundary of T. 13 N., R. 6 W.

Chains. Retracements, Resurveys and Surveys hereinafter described, executed by Theo. O. Johnston, U.S. Surveyor, on dates shown on diagram on page 1 hereof, using Buff & Buff solar transit NO. 9939, with Smith solar attachment, described in Book "C."

April 26, 1917. At my camp in sec. 31, T. 13 N., R. 6 W., lat. $34^{\circ} 26' N.$, long. $112^{\circ} 56' W.$, at 5 hrs. 18 m., a.m., l.m.t., by my watch, which is set to correct local mean time, I observe Polaris at eastern 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.

At 7 hrs. 45 ., a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ} 22\frac{1}{2}'$ to the W., 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 $34^{\circ} 26' N.$ on the lat. arc; $13^{\circ} 29' N.$ 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 elongation.

At apparent noon, I set off $13^{\circ} 31\frac{1}{2}' N.$ on the decl. arc, and observe the sun on the meridian; the resulting lat. is $34^{\circ} 26' N.$

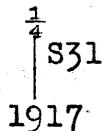
At 4 hrs. 0 m., p.m., l.m.t., I set off $34^{\circ} 26' N.$ on the lat. arc; $13^{\circ} 35\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris at elongation.

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

From the standard corner of Ts. 13 N., Rs. 5 and 6 W., on the 3rd. Standard Parallel North, T. 13 N., R. 5 and 6 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

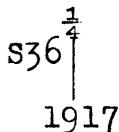
Thence N. $0^{\circ} 26' E.$, on a true line, along the E. bdy. of sec. 36. Over rolling land, through scattering undergrowth.

- 7.35 Railroad fence, brs. NE. and SW.
- 9.30 S. F., P. & P. Ry., on curve, general directions NE. and SW.
- 10.00 Telegraph line, brs. NE. and SW.
- 11.20 Railroad fence, brs. NE. and SW.
- 38.07 Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 31, marked on brass cap



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

- 40.00 Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap,



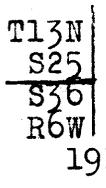
Resurvey of a Portion of the East Boundary of T. 13 N., R. 6 W. 3.

Chains.

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Asc. gradually.
 76.13 Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 25, 30, 31 and 36.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 30 and 31, marked on brass cap

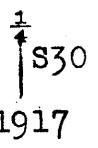


And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 80.00 Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 25, 30, 31 and 36.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 25 and 36, marked on brass cap

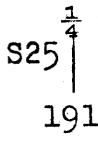


And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw.

N.0° 26' E., on a true line, along the E. bdy. of sec. 25. Over rolling land, through scattering undergrowth.
 Asc. gradually.
 5.00 Fence, brs. N.5° W. and S.5° E.
 5.40 Telephone line, brs. N.70° E. to Kirkland and S.70° W.
 15.00 Desc. 140 ft.
 34.19 (38.06 chs. from reestab. cor. of secs. 30 & 31) Diligent search in this vicinity failed to reveal any trace of orig. ¼ sec. cor. of secs. 25 and 30.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 30, marked on brass cap



And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 40.00 Diligent search in this vicinity failed to reveal any trace of the original ¼ sec. cor. of secs. 25 and 30.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 25, marked on brass cap

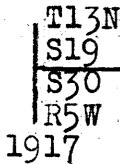


And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 44.00 Draw, course N.85° W. Asc. 100 ft.
 72.26 (76.13 chs. from reestablished cor. of secs. 30 and 31) Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 19, 24, 25 and 30.

4. Resurvey of a Portion of the East Boundary of T. 13 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. 19 and 30, marked on brass cap

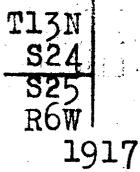


And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

72.70
80.00

Ridge, brs. E. and W. Desc. 60 ft. to Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 19, 24, 25 and 30.

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. 24 and 25, marked on brass cap



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

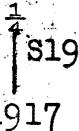
Land, rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw.

N.0° 26' E., on a true line, along the E. bdy. of sec. 24. Over rolling land, through scattering undergrowth.

4.10
20.00
30.33

Desc. to Ravine, course W. Reservoir on line. Asc. 75 ft. Thence over rolling land.

(3810 chs. from reestab. cor. of secs. 19 & 30) Diligent search in this vicinity fails to reveal any trace of original 1/4 sec. cor. of secs. 19 & 24. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of sec. 19, marked on brass cap

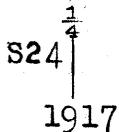


And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

40.00

Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor. of secs. 19 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of sec. 24, marked on brass cap,



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

40.80
50.00
68.39

Fence, brs. NE. and SW. Desc. 75 ft. to (75.13 chs. from reestablished cor. of secs. 19 and 30) Intersect the original cor. of secs. 13, 18, 19 and 24, which is a galena stone, 21x14x20 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.

Resurvey of a portion of the East bdy. of T. 13 N., R. 6 W. 5.

Chains.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw.

 Boundaries of Township 13 North, Range 6 West.
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (3rd. Std. Par. N).	S. 89° 55' W.	80.24		.11.		80.24
	S. 89° 57' W.	80.16		.07		80.16
	West,	200.00				200.00
	S. 89° 45' W.	120.00		.52		120.00
West boundary,	North,	481.83	481.83			
North boundary,	East,	481.91			481.91	
East boundary,	S. 0° 2' E.	171.70		171.70		.10
	S. 0° 10' W.	40.62		40.62		.12
	S. 0° 49' E.	40.56		40.56		.57
	S. 0° 26' W.	228.39		228.38		1.73
Convergency						.50
Totals,			481.83	481.96	483.08	482.25
				481.83	482.25	
	Error in latitude,			.13		
	Error in departure,				.83	

6. Subdivisional Retracements and Resurveys of T.13 N., R.6 W.

Chains.

RETRACEMENT.

- From the corner of secs. 11, 12, 13 and 14, which is a limestone, 5x10x4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general, (Reestablished in May, 1913),
 N. 0° 20' E., on a true line, bet. secs. 11 and 12.
 Over rolling, mountainous land, thru scattering undergrowth.
 Descend to
- 2.31 Ravine, course SW. Ascend 150 ft. to
 18.31 Thence over rolling land.
 21.95 Fence brs. E. and W..
 22.36 Road brs. E and W.
 38.42 Intersect the original $\frac{1}{4}$ sec. cor., which is a limestone, 5x10x4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 Thence,
 N. 0° 15' E., on a true line, bet. secs. 11 and 12, (N. $\frac{1}{2}$).
 Over rolling land.
- 1.69 Ravine, course SW.
 39.89 Intersect the original cor. of secs. 1, 2, 11 and 12, which is a limestone, 4x16x14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, scrub mahogany, catclaw, mesquite and palo verde.
-
- N. 89° 53' W., on a true line, bet. secs. 2 and 11.
 Over rolling land, thru scattering undergrowth.
- o.51 Fence, brs. N. and S.
 40.11 Intersect the original $\frac{1}{4}$ sec. cor., which is a limestone, 5x14x12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 Thence,
 N. 88° 00' W. on a true line, bet. secs. 2 and 11 (W. $\frac{1}{2}$).
 Over rolling land.
- 40.65 Intersect the original cor. of secs. 2, 3, 10 and 11, which is a wooden post, firmly set, marked and witnessed as described by the surveyor general.
 Land, rolling.
 Soil, 4th rate.
 No timber.
 Undergrowth, catclaw, scrub oak, scrub mahogany and mesquite.
-
- N. 0° 43' E., on a true line, bet. secs. 2 and 3.
 Over rolling land, thru scattering undergrowth.
- 38.70 Intersect the original $\frac{1}{4}$ sec. cor., which is a limestone, 3x10x8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, scrub oak, scrub mahogany, palo verde and mesquite.
-
- From cor. of secs. 2, 3, 10 and 11,
 N. 89° 48' W., on a true line, bet. secs. 3 and 10;
 Over rolling land, thru scattering undergrowth.
- 39.98 Intersect the original $\frac{1}{4}$ sec. cor., which is a volcanic stone, 5x14x8 ins. above ground, firmly set, marked and

Subdivisional Retracement & Resurveys in T.13 N., R.6 W. 7.

Chains.	<p>witnessed as described by the surveyor general. Thence, N.89°24' W., on a true line, bet. secs. 3 and 10. (W. $\frac{1}{2}$). Over rolling land.</p> <p>40.18 Intersect the original cor. of secs. 3, 4, 9 and 10, which is a malpais stone, 10x6x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Land, rolling. Soil, rocky, 4th rate. No timber. Undergrowth, catclaw.</p> <hr/> <p>From the reestablished cor. of secs. 15 and 16, which is an iron post, properly set, marked and witnessed, as described by the surveyor general, N.88°10' W., on a true line, on S. bdy. of sec. 16. Over mountainous land, thru scattering undergrowth. Descend to</p> <p>0.18 Gulch, course NW. Ascend 275 ft. to 35.40 Ridge, brs. NW. and SE. Descend 45 ft. to 39.97 Intersect the original $\frac{1}{2}$ sec. cor., which is a granite stone, 18x12x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Now refers to sec. 16 only. Thence,</p> <p style="text-align: center;"><u>RESURVEY.</u></p> <p>N.89°08' W., on a true line, on S. bdy. of sec. 16 (W. $\frac{1}{2}$). Over mountainous land. Descend 25 ft.</p> <p>10.42 Ravine, course NW. Ascend 105 ft. 25.40 Telephone line, brs. N.25°E. and S.25°W. Descend 20 ft. to 25.80 Ascend 55 ft. to 33.90 Ridge, brs. NE. and SW. Descend 20 ft. to 40.42 Intersect the original cor. of secs. 16, 17, 20 and 21, which is a granite stone, lying on the ground, marked as described by the surveyor general. I reset the same granite stone, 18x10x6 ins., 12 ins. in the ground, for cor. of secs. 16 and 17, marked with 4 notches on E. and 3 notches on S. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, mesquite, scrub oak, scrub mahogany, catclaw and palo verde.</p> <hr/> <p>N.1°0' E., on a true line, bet. secs. 16 and 17. Over rolling, mountainous land, thru scattering undergrowth. Descend 50 ft. to</p> <p>5.00 Small ravine, course NE. Ascend 55 ft. 15.90 Road, brs. E. and W. 21.45 Spur, slopes NE. Descend 145 ft. to 34.00 Gulch, course E. Ascend to 38.53 Intersect the original $\frac{1}{2}$ sec. cor., which is a granite stone, 15 x 10 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Thence, N.1° 28' E., on a true line, bet. secs. 16 and 17. (N. $\frac{1}{2}$). Over rolling, mountainous land.</p>
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8. Subdivisional retracements and Resurvey of T.13 N., R.6 W.

Chains.

- Ascend.
- 1.80 Spur, slopes E. Descend 105 ft.
- 27.50 Road brs. N.40°W. and S. 40°E.
- 30.50 W. W. Davis' house brs. W. about 4 chs. dist.
- 33.95 Wash, course N. 85°E. Ascend gradually.
- 38.71 Intersect the original cor. of secs. 8, 9, 16 and 17, which is a wooden post, badly decayed, marked and witnessed as described by the surveyor general. I destroy this post, and reestablish the cor. in the same place as follows:
Set a granite stone, 15x10x10 ins., 10 ins. in the ground, for reestablished cor. of secs. 8, 9, 16 and 17, marked with 4 notches on E. and S. edges; and dig pits 18x18x12 ins., in each sec. 5½ ft. dist.
- Land, rolling and mountainous.
Soil, sandy and rocky, 3rd and 4th rate.
No timber.
Undergrowth, catclaw, scrub oak, scrub mahogany and mesquite.
-
- N.88° 2'W., on a true line, bet. secs. 8 and 17.
Over rolling land, through scattering undergrowth.
Ascend 25 ft. to
- 10.00 Spur, slopes NE. Descend 30 ft. to
- 30.15 Wash, course N.80°E. Thence over gently rolling land.
- 40.07 Intersect the original ¼ sec. cor., which is a granite boulder, 3x4x4 ft. above ground, marked and witnessed as described by the surveyor general.
- Land, rolling.
Soil, 2nd and 3rd rate.
No timber.
Undergrowth, catclaw, scrub oak, scrub mahogany and mesquite.
-
- From reestablished cor. of secs. 8, 9, 16 and 17,
N.0° 36' W., on a true line, bet. secs. 8 and 9.
Over rolling land, thru. scattering undergrowth.
- 16.40 Fence brs. E and W.
- 19.00 Road, brs. N.20°W. and S.20° E.
- 23.00 Road brs. N.20°E. and S.20°W.
- 30.00 Old house brs. E. about 4 chs. dist.
- 38.96 Intersect the original ¼ sec. cor., which is a wooden post, badly decayed, marked and witnessed as described by the surveyor general. I destroy this post, and reestablish the corner in the same place as follows:
Set a granite stone, 16x12x8 ins., 11 ins. in the ground, for reestablished ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.
- Thence,
N.0° 27' E., on a true line, bet. secs. 8 and 9 (N.½).
Over rolling land.
- 5.55 Road brs. N.80°W. and S.80°E.
- 11.25 Left bank of Kirkland Creek, brs. N.80°W. and S.80°E.
- 11.55 Kirkland Creek, 140 lks. wide, course N.80° W.
- 17.05 Right bank of Kirkland Creek, brs. N.80°W. and S.80°E.
- 22.05 Old road brs. S.15°E. and W. Creek, course N. 70°W.
- 28.55 Old road brs. NW. and SE.
- 38.19 Intersect the original cor. of secs. 4, 5, 8 and 9, which is a wooden post, firmly set, marked and witnessed as described by the surveyor general.
- Land, rolling.
Soil, 2nd and 3rd rate.

Subdivisional Retracements and Resurveys of T.13 N. R.6 W. 9

Chains

Timber, cottonwood.
Undergrowth, scrub oak, scrub mahogany, catclaw and mesquite.

RETRACEMENT.

From the original cor. of secs.4,5, 8 and 9,
N.87°43'W., on a true line, bet. secs.5 and 8.
Over rolling land, thru scattering timber and undergrowth.
Descend 30 ft.

- 2.50 Right bank of Kirkland Creek, brs.N.10°W. and S.10°E.
 - 10.00 Kirkland Creek, 240 lks.wide, course N.10°W.
 - 12.90 Left bank of Kirkland Creek, brs.N.10°W. and S.10°E.
 - 27.30 Leave rolling land; ascend 70 ft., over boulders.
 - 40.45 Intersect the original $\frac{1}{4}$ sec.cor., which is a granite stone, 5x8x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- Land, rolling.
Soil, 2nd, 3rd and 4th rate.
Timber, cottonwood.
Undergrowth, scrub oak, scrub mahogany, catclaw and mesquite.

10. Survey of Completion of Subdivision of T.13 N., R.6 W.

Chains.

From original $\frac{1}{4}$ sec.cor. of secs. 25 and 36, which is an iron post, properly set, marked and witnessed, as described by the surveyor general,
 East, on a random line, bet. secs. 25 and 36.
 40.90 Intersect E. bdy. of Tp., 5 lks. N. of the reestablished cor. of secs. 25 and 36, which is an iron post, hereinbefore described.
 From this cor., the original cor. of secs. 25, 26, 35 and 36, which is an iron post properly set, marked and witnessed, as described by the surveyor general, is plainly visible, and brs. N. $89^{\circ}55'$ W.,
 N. $89^{\circ}55'$ W., on a true line, bet. secs. 25 and 36,
 Over rolling land, thru. scattering undergrowth.
 14.20 Telephone line, brs. N. 70° E. to Kirkland, and S. 70° W.
 40.90 A point 1 lk. N. of the original $\frac{1}{4}$ sec.cor. of secs. 25 and 36, hereinbefore described. At this point, I reestablish the $\frac{1}{4}$ sec.cor. of secs. 25 and 36, as follows:
 Set the same 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,

$\frac{1}{4}$ S 25
 S 36
 1913

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

Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw.

From the original cor. of secs. 23, 24, 25 and 26, which is an iron post, properly set, marked and witnessed as described by the surveyor general,
 S. $89^{\circ}55'$ E. on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 81.70 Intersect E. bdy. of Tp., 2 lks. N. of the reestablished cor. of secs. 24 and 25, which is an iron post, hereinbefore described.
 Thence,
 N. $89^{\circ}54'$ W., on a true line, bet. secs. 24 and 25.
 Over rolling, mountainous land, thru. scattering undergrowth
 3.30 Fence brs. N. and S.
 21.40 Ravine, course S. 75° W.
 41.70 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 24
 $\frac{1}{4}$ S 25
 1917

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

Descend 80 ft. to
 45.30 Ravine, course N. 60° W. Ascend 35 ft. to
 47.30 Descend 115 ft. to
 81.70 The original cor. of secs. 23, 24, 25 and 26.
 Land, rolling, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, mesquite and scrub oak.

Completion of Subdivision of T. 13 N., R. 6 W. 11.

Chains.

From original cor. of secs. 1, 2, 11 and 12, which is a stone, hereinbefore described,
 East on a random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.48 Intersect E. bdy. of Tp., 80 lks. S. $0^{\circ} 2'$ E. of 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. I alter this cor. to refer to secs. 6 and 7 only by destroying the markings S1 and S12 on the brass cap.
 At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 1 and 12, marked on brass cap,

T13N
 S 1
 S12
 R6W

1917

From which
 A cottonwood, 24 ins. diam., brs. S. 63° W., 51 lks. dist., marked T13N R6W S12 BT.
 No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Thence
 West on a true line, bet. secs. 1 and 12.
 Over rolling mountainous land, through scattering undergrowth.
 Asc. 220 ft.
 19.80 Fence, brs. NW. and SE.
 20.00 Desc. 150 ft.
 40.48 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 1
 $\frac{1}{4}$ S12
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 48.65 Ravine, course SE. Asc. 40 ft. to
 55.00 Ridge, brs. S. and N. Desc. 85 ft. to
 65.00 Thence over level land.
 80.48 The original cor. of secs. 1, 2, 11 and 12.
 Land, rolling mountainous and level.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, mesquite, cat claw, scrub oak, scrub mahogany and palo verde.

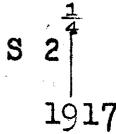
N. $0^{\circ} 1'$ W., on a random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 92.42 Intersect N. bdy. of Tp., 50 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is a malpais stone, 5 X 12 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.
 Thence
 S. $0^{\circ} 18'$ W., on a true line, bet. secs. 1 and 2.
 Over mountainous land, through scattering undergrowth.
 Desc. 640 ft. to
 27.80 Head of gulch, course SW. Asc. 130 ft. to
 42.40 Spur, slopes W. Desc. 460 ft.
 51.62 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., of sec. 1, marked on brass cap,

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

12. Survey of Completion of Subdivision of T. 13 N., R. 6 W.

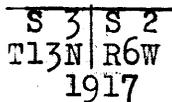
Chains.

52.42 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 2, marked on brass cap,



92.20 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
92.42 Fence, brs. N.20° E. and S.20° W.
The original cor. of secs. 1, 2, 11 and 12.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde, scrub oak, scrub mahogany, and mesquite.

52.19 From original ¼ sec. cor. of secs. 2 and 3, which is a stone, hereinbefore described, N.0° 2' W., on a random line, bet. secs. 2 and 3. (N.½) Intersect N. bdy. of Tp., 52 lks. W. of the cor. of secs. 2, 3, 34 and 35, which is a malpais stone, 6 X 8 X 8 ins. above ground, firmly 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., in a mound of stone, for reestablished cor. of secs. 2 and 3, marked on brass cap,



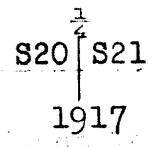
30.59 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
40.89 Thence
52.19 S.0° 2' E., on a true line, bet. secs. 2 and 3 (N.½) Over mountainous land, through scattering undergrowth. Desc. 510 ft. to Ravine, course S.70° W. Thence along W. slope.
Ravine, course SW.
The original ¼ sec. cor. of secs. 2 and 3.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, scrub oak, scrub mahogany, palo-verde and mesquite.

3.00 From a cross on a granite boulder, marking the true point for cor. of secs. 20, 21, 28 and 29, (0.80 chs. N.0° 2' W. of the witness cor. to cor. of secs. 20, 21, 28 and 29, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General)
5.00 N.0° 2' W., bet. secs. 20 and 21.
15.00 Over rolling mountainous land, through scattering undergrowth.
19.40 Asc. 40 ft. to
26.00 Desc. 40 ft. to
40.00 Thence along E. slope, mountainous land, along E. slope.
Road, brs. NW. and SE.
Fence, brs. N.30° W. and S.30° E.
Desc. 90 ft.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the

Completion of Subdivision of T. 13 N., R. 6 W. 13.

Chains.

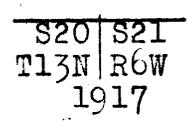
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

44.70
48.00
56.60
66.50
72.30
74.32

Ravine, course N.40° E. Asc. 30 ft. to
 Desc. 65 ft. to
 Ravine, course S.80° E. Asc. 80 ft. to
 Spur, slopes S.30° E. Continue ascent to
 Ridge, brs. E. and W.
 Intersect S. bdy. of sec. 16, 1.40 chs. S.89° 8' E. of the
 reestablished cor. of secs. 16 and 17, which is a stone,
 hereinbefore described.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for reestablished
 cor. of secs. 20 and 21, marked on brass cap



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

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

From original cor. of secs. 19, 20, 29 and 30, which is an iron
 post, properly set, marked and witnessed as described
 by the Surveyor-General,

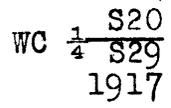
40.00
80.14

N.89° 46' E., on a random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 16 lks. S. of the true point
 for cor. of secs. 20, 21, 28 and 29.

Thence
 S.89° 39' W., on a true line, bet. secs. 20 and 29.
 Over mountainous land, through scattering undergrowth.
 Asc. 85 ft. to

8.55
12.00
25.00
29.40
39.70

Rocky spur, slopes S.25° E. Desc. 25 ft. to
 Ravine, course S.10° E. Asc. 80 ft. to
 Desc. 50 ft. to
 Ravine, course SE. Asc. 110 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for witness cor. to $\frac{1}{4}$ sec.
 cor., marked on brass cap



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

40.07
50.00
57.20
62.30
67.10
76.70
80.14

The true point for $\frac{1}{4}$ sec. cor. falls on granite boulder,
 where it cannot be established.
 Ridge, brs. N. and S. Desc. 50 ft. to
 Ravine, course S.10° W. Asc. 30 ft. to
 Desc. 55 ft. to
 Ravine, course S.20° W. Asc. 80 ft. to
 Desc. 25 ft. to
 The original cor. of secs. 19, 20, 29 and 30.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.

14. Completion of Subdivision of T. 13 N., R. 6 W.

Chains.

Undergrowth, cat claw, scrub oak, scrub mahogany, palo verde and mesquite.

N.0° 3' W. on E. bdy. of sec. 19.
Over mountainous land, through scattering undergrowth.
Desc. 75 ft. to
1.90 Ravine, course E. Asc. 120 ft. to
19.00 Spur, slopes SE. Desc. 40 ft. to
23.50 Ravine, course S.65° E. Asc. 220 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

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

1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor.
45.90 Ridge, brs. NE. and SW. Desc. 40 ft. to
50.00 Asc. 30 ft. to
55.50 Spur, slopes W. Desc. 365 ft.
74.80 ~~Intersect the cor. of secs. 17 and 20, which is an iron post -~~
~~Hereinafter described,~~
79.75 Gulch, course N.15° E. Asc. to
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. 18 and 19,
marked on brass cap

T13N |
S18 |
S19 |
R6W |

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, scrub mahogany, cat claw and mesquite.

From the reestablished cor. of secs. 16 and 17, which is a
stone, hereinbefore described,
West on a true line, on S. bdy. of sec. 17.
Over mountainous land, through scattering undergrowth.
Asc. to
4.40 Spur, slopes NW. Desc. 65 ft.
12.35 Road, brs. N.50° E.
17.00 Ravine, course W. Thence along N. slope.
29.75 Ravine, course N.55° W. Asc. 220 ft.
38.64 (40.04 chs. from the reestablished cor. of secs. 20 and 21)
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 20, marked on brass cap,

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

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
of cor.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 17,
marked on brass cap,

Completion of Subdivision of T. 13 N., R. 6 W.

Chains.

1/4 S17

1917

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

50.00 Spur, slopes N. Desc. 45 ft., along N. slope, to
 55.00 Asc. 35 ft. to
 65.00 Desc. 75 ft. to
 74.70 Asc. 20 ft. to
 78.68 (80.08 chs. from the reestablished cor. of secs. 20 and 21.)
 Intersect E. bdy. of sec. 19, 5.20 chs. S.0° 3' E. of the
 cor. of secs. 18 and 19, which is an iron post, herein-
 before described.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 17 and 20, marked on brass cap

T13N

S17

S20

R6W

1917

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

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scrub oak, scrub mahogany, cat claw and mesquite.

From the corner of secs. 18 and 19,

S.89° 50' W., on a random line, bet. secs. 18 and 19.

40.00 Set temp. 1/4 sec. cor.

79.68 Intersect W. bdy. of Tp., 11 lks. N. of the 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' E., on a true line, bet. secs. 18 and 19.

Over mountainous land, through scattering undergrowth.

Asc. 315 ft. to

20.20 Ridge, bds. NW. and SE. Desc. 595 ft.

39.68 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

1/4 S18

1/4 S19

1917

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

79.68 The cor. of secs. 18 and 19.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, cat claw, scrub oak, scrub mahogany and mesquite.

From the cor. of secs. 18 and 19,

N.0° 3' W., along the E. bdy. of sec. 18.

Over mountainous land, through scattering undergrowth.

Asc. 80 ft. to

10.00 Spur, slopes NE. Desc. 175 ft. to

20.65 Ravine, course E. Asc. 90 ft. to

24.40 Rocky spur, slopes N.50° E. Desc. 260 ft.

16. Completion of Subdivision of T. 13 N., R. 6 W.

<p>Chains. 33.39</p>	<p>(40.00 chs. from the cor. of secs. 8 and 17, which is an iron post, hereinafter described.) Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 17, marked on brass cap,</p> <p style="text-align: center;"> $\frac{1}{4}$ S17 1917 </p> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
<p>40.00</p>	<p>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. of sec. 18, marked on brass cap,</p> <p style="text-align: center;"> $\frac{1}{4}$ S18 1917 </p> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
<p>53.60 62.10 72.00 73.39 80.00</p>	<p>Ravine, course N.60° E. Asc. 85 ft. to Spur, slopes E. Desc. 70 ft. to Ravine, course N.75° E. Asc. 65 ft. to Intersect cor. of secs. 8 and 17, which is an iron post, hereinafter described. Continue line and measurement. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7 and 18, marked on brass cap</p> <p style="text-align: center;"> T13N S 7 S18 R6W 1917 </p> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, cat claw, scrub oak, scrub mahogany and mesquite.</p>
<p>8.68 12.50 15.00 26.60 34.00 40.54</p>	<p>From original $\frac{1}{4}$ sec. cor. of secs. 8 and 17, which is a granite boulder, hereinbefore described, West on a true line, bet. secs. 8 and 17. (W. $\frac{1}{2}$) Over rolling land, through scattering undergrowth. Draw, course S.60° E. Draw, course N.30° E. Draw, course S.70° E. Asc. 55 ft. to Desc. 35 ft. to Ravine, course N.65° E. Asc. 40 ft. to Intersect E. bdy. of sec. 18, 6.61 chs. S.0° 3' E. of the cor. of secs. 7 and 18, which is an iron post, hereinbefore described. At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8 and 17, marked on brass cap</p> <p style="text-align: center;"> T13N S 8 S17 R6W 1917 </p> <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, mountainous and rolling.</p>

Completion of Subdivision of T. 13 N., R. 6 W. 17.

Chains.

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

40.00 S. 89° 45' W., on a random line, bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
79.60 Intersect W. bdy. of Tp., 7 lks. S. of the 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° 48' E., on a true line, bet. secs. 7 and 18.
Over mountainous land, through scattering undergrowth.
19.95 Desc. 305 ft. to
21.85 Wash, course SE. Asc. 30 ft. to
38.50 Desc. 165 ft. to
39.60 Small gulch, course S. 40° E. Asc. 30 ft. to
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 7
S 18
1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
44.60 Desc. 120 ft. to
Asc. to
46.10 Rocky spur, slopes S. 50° E. Desc. 110 ft. to
63.60 Gulch, course SE. Asc. 65 ft. to
71.35 Small spur, slopes S. Desc. 45 ft. to
79.60 The cor. of secs. 7 and 18.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, scrub oak, scrub mahogany and mesquite.

26.30 From the cor. of secs. 7 and 18,
27.00 N. 0° 3' W., along the E. bdy. of sec. 7.
Over rolling land, through scattering undergrowth.
28.50 Old shed brs. E. about 3 chs. dist.
29.60 Gulch, course E.
Same gulch, course NW.
32.15 Same gulch, course NE.
(38.76 chs. from the cor. of secs. 8 and 17, hereinbefore described, and also 38.76 chs. from the cor. of secs. 5 and 8, hereinafter described.)
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. of sec. 8, marked on brass cap,

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

39.60 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
40.00 Gulch, course N. 75° E.
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. of sec. 7, marked on brass cap,

Chains.

S 7
↑
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 50.00 Leave rolling land, enter boulder field. Asc. 145 ft. to
 70.00 Ridge, brs. SE. and W. Desc. 125 ft.
 70.91 Intersect the cor. of secs. 5 and 8, which is an iron post, hereinafter described. Continue line and measurement.
 78.60 Ravine, course "E". Asc. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 6 and 7, marked on brass cap

T13N
|
S 6
|
S 7
|
R6W
|
1917

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

From original ¼ sec. cor. of secs. 5 and 8, which is a granite stone, hereinbefore described,
 West on a true line, bet. secs. 5 and 8. (W. ½).
 Over mountainous land, through scattering undergrowth.
 Descend.
 0.15 Fence, brs. N. and S.
 8.30 Ravine, course SE. Asc. 210 ft. to
 21.75 Desc. 35 ft. to
 26.70 Ravine, course N. 20° E. Asc. 150 ft. to
 39.98 Intersect E. bdy. of sec. 7, 9.09 chs. S. 0° 3' E. of the cor. of secs. 6 and 7, which is an iron post, hereinbefore described.
 At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5 and 8, marked on brass cap

T13N
|
S 5
|
S 8
|
R6W
|
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling mountainous and mountainous.
 Soil, 2nd, 3rd and 4th rates.
 Timber, cottonwood.
 Undergrowth, scrub oak, scrub mahogany, cat claw and mesquite.

From corner of secs. 6 and 7,
 S. 89° 48' W., on a random line, bet. secs. 6 and 7.
 40.00 Set temp. ¼ sec. cor.
 79.54 Intersect W. bdy. of Tp., 7 lks. S. of 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

Completion of Subdivision of T. 13 N., R. 6 W. 19.

Chains.

N. 89° 51' E., on a true line, bet. secs. 6 and 7.
 Over mountainous land, through scattering undergrowth.
 Desc. 890 ft.
 39.54 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

$\frac{1}{4}$ 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.

54.50 Ravine, course S. 35° E. Asc. 45 ft. to
 58.55 Ridge, brs. NW. and SE. Desc. 100 ft. to
 75.55 Ravine, course N. 25° E. Asc. 35 ft. to
 78.05 Short spur, slopes N. Desc. 10 ft. to
 79.54 The cor. of secs. 6 and 7.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak, scrubmahogany, palo verde
 and mesquite.

From the cor. of secs. 6 and 7,
 N. 0° 3' W., on a true line, along the E. bdy. of sec. 6.
 Over mountainous land, through scattering undergrowth and
 timber.

Desc. 30 ft. to
 4.40 Ravine, course N. 85° E. Thence along E. slope.
 5.80 Ravine, course S. 80° E. Asc. 45 ft. to
 23.20 Ridge, brs. S. 60° E. Desc. 380 ft.
 30.91 (40.00 chs. from the cor. of secs. 5 and 8, which is an
 iron post, hereinbefore described.)
 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. of sec. 5, on
 marked on brass cap,

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

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

40.00 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. of sec. 6, on
 marked on brass cap,

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

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

47.45 Kirkland Creek, 2 chs. wide, course NW., in box canyon.
 Asc. 270 ft. to
 54.55 Desc. 50 ft. to
 63.30 Asc. 20 ft. to
 69.05 Desc. 40 ft. to
 78.20 Asc. 65 ft.
 81.21 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
 ground, in a mound of stone, for witness cor. to cor.
 of secs. 5 and 6, marked on brass cap

S 6	S 5
T13N	R6W
W/C	

 1917

20.

Completion of Subdivision of T. 13 N., R. 6 W.

Chains.

81.58

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

Intersect S. bdy. of sec. 31, 2.35 chs. W. of the cor. of secs. 31 and 32, which is a cross on a granite rock in place, marked and witnessed as described by the Surveyor-General.

The true point for cor. of secs. 5 and 6 falls on huge granite boulder, where the corner cannot be permanently established. I cut a cross (X) at the exact corner point.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, a few cottonwood trees.
Undergrowth, scrub oak, scrub mahogany, cat claw, mesquite and palo verde.

General Description

The western part of this township is mountainous land, covered with huge granite boulders, and scrub oak brush. The north eastern and south eastern parts are mostly on the slopes of a malpais mesa, with scant vegetation, and a fair growth of grass. There is no water in the township except in Kirkland Creek.

W. W. Davis in the north eastern quarter of sec. 17, is the only settler in the portion of the township surveyed under this group.

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 represent the foregoing field notes as having been executed by me, and under my direction; and that all the corners 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 part of the _____ Subdivision lines, and Resurvey of part of the _____ East boundary and Subdivision lines, and the Survey of the _____ Completion of the Subdivision lines of _____ TOWNSHIP 13 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, ~~191~~ _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ ^{retracement} ~~resurveys and surveys~~ they describe, are hereby approved.

Francis P. 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.~~