

3164

97

Book "C"

4-679

NO. 8-1913

1

BOOK 3164

FIELD NOTES

RE-
OF THE SURVEY OF

3164

Part of the South boundary of Township 11 North, Range 4 West, and
East half of South bdy. of Township 11 North, Range 5 West, and
Part of the West boundary of Township 10 North, Range 5 West.
 RETRACEMENT of part of West bdy. of Township 10 North, Range 5 West and
 SURVEY OF
West half of south bdy. of Township 11 North, Range 5 West, and
Parts of the East and West boundaries and all of the
subdivision lines of Township 10 North, Range 5 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Theo. O. Johnston,

and

Chas. M. Pidgeon,

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

3164

Resurvey, *Retracement* & Survey commenced March 6, 1916

Resurvey, *Retracement* & Survey completed December 9, 1916.

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

98
1A

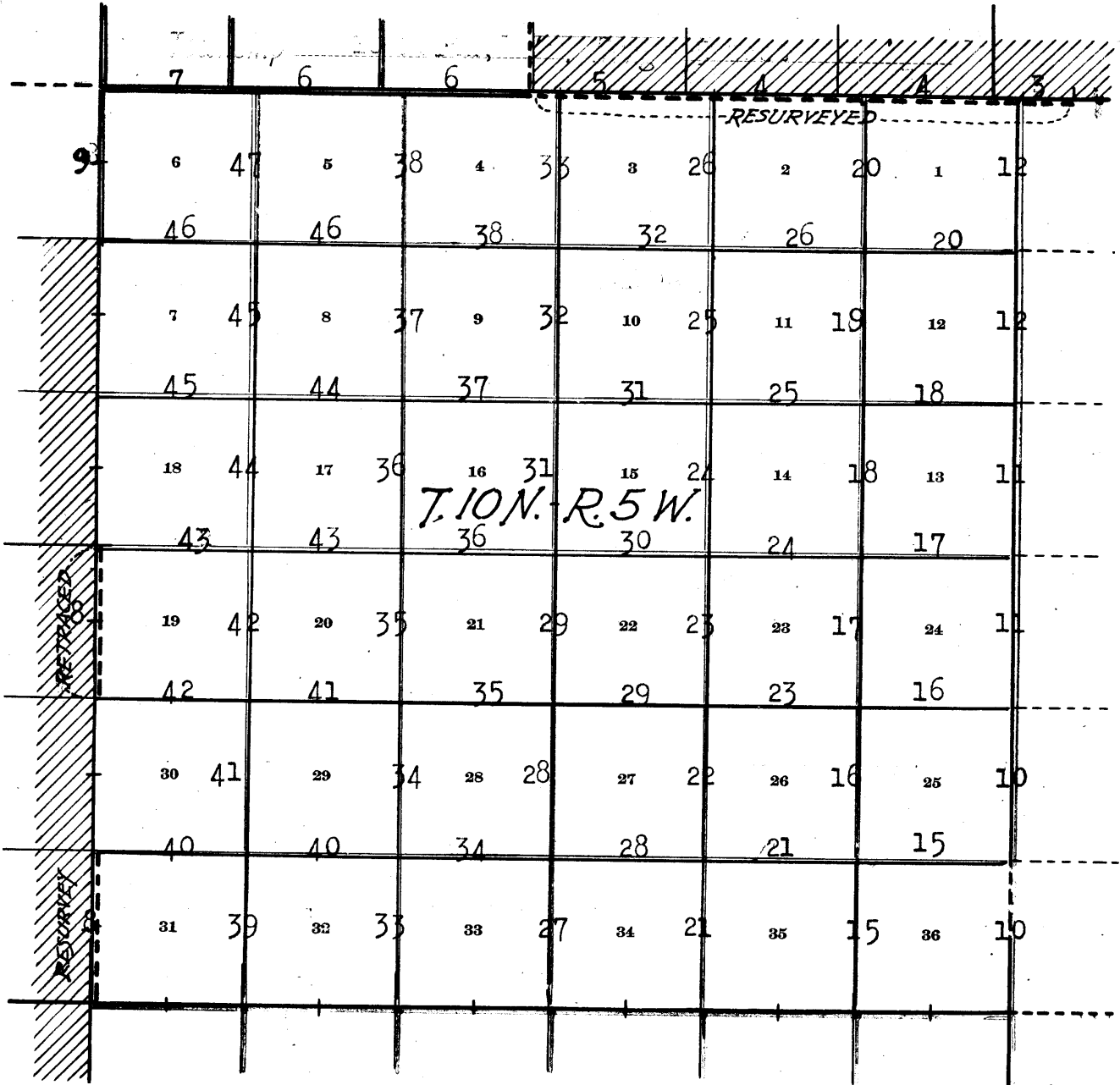
3164

Book "C"

Group 60----Arizona.

BOOK 3164

INDEX DIAGRAM.



- Lines surveyed under this group. Notes in this book. 3164
- Lines retraced or resurveyed. Notes in this book. 3164
- ==== Lines surveyed under this group. Notes in Book "B." 3163
- ===== Lines surveyed under this group. Notes in Book "E." 3166
- Lines retraced or resurveyed. Notes in Book "E." 3166
- Accepted surveys.
- Unsurveyed.
- //// Areas surveyed as per accepted plats on file.

Book "C"

Group 60 - - - Arizona.

Township 10 North, Range 5 West.

DATE DIAGRAM

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

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

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

2. ~~Resurveys, Retracements, and Surveys - Group 60, Arizona, A. V.~~
 Chains, Resurveys, Retracements, and

Surveys hereinafter described, executed by Theo. O. Johnston, and Chas. M. Pidgeon, U. S. Surveyors, on dates shown on diagram on page of hereof, using Buff & Buff solar transit No. 9939 and Heitz Bertsold's transit No. 52, respectively, the former instrument hereinafter described & the latter ^{described} in book "A".

I examine the adjustments of transit No. 52, and correct all errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris at elongations, proceed as follows:

Using the meridian determined by observations on Polaris at elongation, as described in Book "A", at 7 hrs. 0 m., a.m., l.m.t., March 6, 1916, I set off $34^{\circ} 8' N.$ on the lat. arc; $5^{\circ} 35' S.$ 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 4 hrs. 0 m., p.m., l.m.t., I set off $34^{\circ} 8' N.$, on the lat. arc; $5^{\circ} 28' S.$ on the decl. arc; and determine a meridian with the solar. The line thus determined coincides with the meridian determined by observations on Polaris at elongation.

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

Buff and Buff transit No. 9939 is equipped with Smith solar attachment. The horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Phoenix, Arizona, found correct, and was approved, conditional upon satisfactory field tests, by the Assistant Supervisor of Surveys for Arizona and California, Nov. 25, 1916.

Lines in this group surveyed by Mr. Theo. O. Johnston, U. S. Surveyor, were measured with a 5-ch. tape, vertical angles were read with a clinometer on slopes and broken ground, and the true horizontal distance was computed for each item of topography.

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

December 4, 1916. At my camp in sec. 15, T. 10 N., R. 5 W., in lat. $34^{\circ} 13' N.$, long. $112^{\circ} 45\frac{1}{2}' W.$, at 2 hrs. 36 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 m., a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ} 22'$ to the W., and mark a point in the true meridian thus determined by a tack in 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 $34^{\circ} 13' N.$ on the lat. arc; $22^{\circ} 12' S.$ on the decl. arc; and determine a meridian with the solar. The line thus determined falls $\frac{1}{2}' E.$ of the meridian determined by observations on Polaris.

At apparent noon, I set off $22^{\circ} 16' S.$ on the decl. arc, and observe the sun on the meridian; the resulting lat. is $34^{\circ} 13' N.$

At 3 hrs. 0 m., p.m., l.m.t., I set off $34^{\circ} 13' N.$ on the lat. arc, $22^{\circ} 16' S.$ on the decl. arc; and determine a

Resurvey of part of S. bdy. of Township 11 North Range 4 West. 3.

Chains.

meridian with the solar. The line thus determined falls 1/2' W. of the true meridian determined by observations on Polaris at elongation.

The solar apparatus by a.m. and p.m. observations defines positions for meridians which depart only 1/2' from the true meridian determined by observations on Polaris at elongation; therefore, conclude that the adjustments of the transit are satisfactory.

The original cor. of Ts. 10 and 11 N., Rs. 4 and 5 W. is a malpais stone, 14x14x12 ins. above ground, firmly set, marked and witnessed as described by the surveyor-general. Reestablished this cor. in the same place as corner to two townships, as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of Ts. 11 N., Rs. 4 and 5 W., marked on brass cap,

T11N
R5W | R4W
S36 | S31
1916

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

Thence, S 89° 13' E. on a true line, on S. bdy. of sec. 31 (W. 1/2). Over rolling mesa.

- 7.00 Enter dense undergrowth. Descend 105 ft. to
- 15.05 Gulch, course N. Ascend 100 ft. to
- 20.90 Spur, slopes N. Descend 195 ft. to
- 32.86 Gulch, course N. Ascend 100 ft. to
- 38.64 Intersect the original 1/2 sec. cor., which is a malpais stone, 6x8x10 ins., set in a mound of stone, marked and witnessed, as described by the surveyor-general. Now refers to sec. 31 only.

Land, rolling and mountainous.
Soil, gravelly, malpais formation, 4th rate.
No timber.
Undergrowth, scrub oak.
Scanty grass.

4. Resurvey of East half of South bdy. of T. 11 N., R. 5 W.

Chains.

- From the reestablished cor. of Ts. 11 N., Rs. 4 and 5 W., hereinbefore described,
N. $89^{\circ} 20' W.$, on a true line, on S. bdy. of sec. 36.
Over rolling mesa.
- 8.00 Enter dense undergrowth. Descend.
30.00 Gulch, course NW. Ascend.
40.04 Spur, slopes N. $30^{\circ} W.$. Intersect the original $\frac{1}{4}$ sec. cor., a mound of stone, without marked stone. Reestablished this cor. in the same place, as follows:
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap,
- $\frac{1}{4}$ S36
1916
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Thence,
West, on a true line, on S. bdy. of sec. 36 (W. $\frac{1}{2}$).
Over mountainous land.
Descend 375 ft.
- 16.00 Leave dense, enter scattering undergrowth.
22.79 Telephone line, brs. N. $16\frac{1}{2}^{\circ} E.$ and S. $16\frac{1}{2}^{\circ} W.$
25.25 Telephone line brs. N. $8\frac{1}{2}^{\circ} W.$ and S. $8\frac{1}{2}^{\circ} E.$
28.62 Road brs. N. and S.
31.42 Gulch, 30 lks. wide, course N.
40.00 True point for reestablishment of cor. of secs. 35 and 36 falls in gulch, 60 lks. wide, course N. $50^{\circ} W.$. Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 1, 2, 35 and 36.
Land, mountainous.
Soil, gravelly and rocky, malpais formation, 4th rate.
No timber.
Undergrowth, scrub oak,
Scanty grass.

-
- From the true point for reestablished cor. of secs. 35 and 36,
West, on a true line, on S. bdy. of sec. 35.
Over rolling land, thru. scattering undergrowth.
- 1.30 Enter plowed field, brs. NE. and SW.
1.40 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for witness cor. to reestablished cor. of secs. 35 and 36, marked on brass cap,

T11N R5W
S35 S36 WC
1916

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 2.00 Edmondson's house, brs. S. 10 chs. dist.
6.60 Leave plowed field, enter scattering undergrowth, brs. N. and S.
16.00 Leave undergrowth, brs. N. and S.
19.80 Enter plowed field, brs. N. $30^{\circ} E.$ and S. $30^{\circ} W.$
26.60 Leave plowed field, brs. N. and S.
29.10 Enter dense undergrowth, brs. N. $30^{\circ} W.$ and S. $30^{\circ} E.$
39.60 Gulch, 20 lks. wide, course N. $30^{\circ} E.$. Ascend 150 ft.
40.00 Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 2 and 35.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 35, marked on brass cap,

$\frac{1}{4}$ S35
1916

Resurvey of East half of The S. Bdy. of T. 11 N., R. 5 W. 5.

Chains.

71.35
78.81
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Low spur, extends N.30° W. 5 chs. Desc. 90 ft. to Gulch, course N. Asc. to Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 2, 3, 34 and 35. Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 34 and 35, marked on brass cap

T11N	R5W
S34	S35
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling and rolling mountainous.
Soil, malpais and granite formations; gravelly; 4th rate.
No timber.
Undergrowth, scattering and dense scrub oak.
Scanty grass.

7.80
40.00

West on a true line, on south S. bdy. of sec. 34. Over rolling mountainous land, through dense undergrowth. Gulch, 10 lks. wide, course N.40° E. Asc. 105 ft. to Diligent search in this vicinity failed to reveal any trace of the original ¼ sec. cor. of secs. 33 and 34. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 34, marked on brass cap,

¼S34
1916

80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Asc. 320 ft. to Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 3, 4, 33 and 34. Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 33 and 34, marked on brass cap

T11N	R5W
S33	S34
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling mountainous.
Soil, loose gravel and rocks; granite formation; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

6. Survey of completion of S. Bdy. T. 11 N. R. 5 W.

Chains. From the reestablished cor. of secs. 33 and 34, hereinbefore described
 West on a true line, along the S. bdy. of sec. 33.
 Over mountainous land, through dense undergrowth.
 Asc. 190 ft. to
 14.90 Ridge, brs. N.60° W. and S.60° E. Desc. 140 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of sec. 33, marked on brass cap,

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

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 43.00 Head of gulch, course S.30° E. Asc. 390 ft. to
 62.85 Desc. 35 ft. to
 63.12 Head of gulch, course S.30° E. Asc. 315 ft. to
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs. 32 and 33, marked on brass cap

T11N | R5W
 S32 | S33
 1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, loose rocks and huge boulders; granite formation; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.
 Scanty grass.

West on a true line, along S. bdy. of sec. 32.
 Over mountainous land, through dense undergrowth.
 Asc. 15 ft. to
 0.98 Spur, slopes N. Desc. 85 ft. to
 8.36 Gulch, course N. Asc. 50 ft. to
 16.62 Spur, slopes N. Desc. 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. of sec. 32, marked on brass cap

$\frac{1}{4}$ S32
 1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 42.68 Gulch, course N.20° W. Asc. 45 ft. to
 51.39 Spur, slopes N. Desc. 100 ft. to
 56.95 Gulch, course N. Asc. 35 ft. to
 59.85 Spur, slopes N. Desc. 650 ft. to
 80.00 Set an iron post, 3 ft long, 3 ins. diam., 24 ins. in the
 ground, for cor. of secs. 31 and 32, marked on brass cap

T11N | R5W
 S31 | S32
 1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, granite formation; huge boulders and loose rock; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.
 Scanty grass.

Survey of Completion of South bdy. of Township 11 North, Range 5 West 7

Chains.

West, on a true line, along the S. bdy. of sec. 31.
 Over mountainous land, thru dense undergrowth.
 Descend 320 ft. to
 9.00 Wash, 20 lks. wide, course SW. Ascend 110 ft. to
 9.50 Spur, slopes SW. Descend 35 ft. to
 12.00 Wash, 10 lks. wide, course S. 55° W. Ascend 35 ft. to
 19.00 Spur, slopes S. 40° W. Descend 145 ft. to
 24.00 Wash, 5 lks. wide, course S. 30° W. Ascend 275 ft. to
 38.00 Spur, slopes S. Descend 630 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 31,
 marked on, brass cap,

1831

1916

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

65.70 The cor. of Ts. 10 and 11 N., Rs. 5 and 6 W., which is an iron post, hereinafter described.

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, scrub mahogany and catclaw.



8. Retracement of portion of W. bdy. of Township 10 North, Range 5 West.

Chains.

- From the original cor. of secs. 19, 24, 25 and 30, which is a granite stone 12x12x6 ins. above ground, marked and witnessed as described by the surveyor general,
N. 0° 3' W., on a true line, bet. secs. 19 and 24.
Over rolling prairie land, thru. scattering mesquite brush.
- 18.30 Dry sandy creek, course S. 70° W.
- 40.08 Intersect the original $\frac{1}{4}$ sec. cor., which is a granite stone, 12x8x6 ins. above ground, marked and witnessed, as described by the surveyor general.
Thence,
N. 0° 4' W. on a true line, bet. secs. 19 and 24 (N. $\frac{1}{2}$).
Over rolling, prairie land, thru. scattering mesquite brush.
- 2.02 Dry sandy creek, course S. 60° W.
- 12.12 Dry sandy creek, course S. 45° W.
- 40.10 Intersect the original cor. of secs. 13, 18, 19 and 24, which is a granite stone 6x6x12 ins. above ground, marked and witnessed as described by the surveyor general.
Land, rolling prairie.
Soil, sandy, 3rd rate.
No timber.
Undergrowth, scattering mesquite brush.
Scattering growth of grass.

Resurvey of a portion of W. bdy. of Township 10 N., R. 5 W.

- From the original cor. of Ts. 9 and 10 N., Rs. 5 and 6 W., which is a granite stone, 14x13x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor-general,
N. 0° 1' E., on a true line, bet. secs. 31 and 36.
Over rolling, mountainous land, thru. scattering undergrowth.
Descend 30 ft. to
- 17.00 Wash, course S. 50° W. Ascend 50 ft.
- 18.43 Telephone line, brs. N. 82° E. and S. 82° W.
- 20.80 Spur, slopes W. Descend 75 ft. to
- 31.70 Wash, course S. 50° W. Ascend 30 ft. to
- 33.79 Spur, slopes W. Descend 30 ft.
- 39.86 Intersect the original $\frac{1}{4}$ sec. cor., which is a granite stone, 14x5x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Now refers to sec. 36 only.
Thence,
North, on a true line, bet. secs. 31 and 36. (North half).
Over rolling and mountainous land, thru. scattering undergrowth.
- 0.24 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 31, marked on brass cap,

↑ S31

1916

- dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 1.84 Wash, course S. 50° W. Ascend 55 ft. to
- 4.87 Spur, slopes W. Descend 30 ft. to
- 10.14 Wash, course S. 50° W.
- 15.54 Wash, course S. 40° W. Ascend 30 ft. to
- 18.14 Spur, slopes S. 80° W. Descend 25 ft. to
- 24.24 Wash, course S. 55° W. Ascend 50 ft.
- 34.15 Road brs. N. 50° E. and S. 50° W.
- 35.71 Spur, slopes S. 70° W. Descend 20 ft. to
- 39.34 Wash, course S. 70° W.
- 40.34 Intersect the original cor. of secs. 25, 30, 31 and 36, which is a granite stone, 10x4x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-general.
Land, rolling and mountainous.
Soil, sandy, 3rd rate.
No timber. Undergrowth, scattering mesquite and palo verde.
Scanty grass.

Survey of Completion of the West Boundary of T. 10 N., R. 5 W. 9.

Chains.

From the original cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., which is a granite stone, 8 X 8 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, North bet. secs. 1 and 6.

Over rolling mountainous land, through scattering undergrowth.

Asc. 65 ft. to

15.93 Spur, slopes S.80° W. Desc. 30 ft. to

24.10 Gulch, course W. Asc. 285 ft.

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

S 1 1/4 S6
1916

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

49.23 Spur, slopes W. Desc. 135 ft. to

60.90 Wash, 5 lks. wide, course S.70° W. Asc. 200 ft. to

69.71 Intersect N. bdy. of Tp. produced W., 65.70 chs. from the cor. of secs. 31 and 32, T. 11 N., R. 5 W.

At the point of intersection, set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, for cor. of Ts. 10 and 11 N., Rs. 5 and 6 W., marked on brass cap

T11N
R6W | R5W
S36 | S31
S 1 | S 6
T10N
1916.

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, mesquite and palo verde.

Scanty grass.

10. Survey of a Portion of the East Boundary of T. 10 N., R. 5 W.

Chains.

From the cor. of Ts. 9 and 10 N., Rs. 4 and 5 W., which is an iron post, described in Book "B," North bet. secs. 31 and 36. Over mountainous land, through scattering undergrowth. Asc. 660 ft., along W. side of Rich Hill. Trail, brs. N.55° W. and S.55° E. 2.18 Spur from Rich Hill, slopes W. Desc. 75 ft. to 24.30 The true point for $\frac{1}{4}$ sec. cor. falls on granite boulder, where it cannot be established. Asc. 35 ft. to 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap 40.40

$\frac{1}{4}$
 S36 | S31
 W C
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to measure this line any further. Set a flag ahead on line, on top of jagged reef. Land, mountainous. Soil, granite boulders; 4th rate. No timber. Undergrowth, scattering greasewood, cat claw and mesquite. Scanty grass.

From the true point for cor. of secs. 25, 30, 31 and 36, hereinafter described, or cor. of secs. 25, 30, 31 and 36, North bet. secs. 25 and 30. Over mountainous land, through scattering undergrowth. 0.30 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, in a mound of stone, for witness cor. to cor. of secs. 25, 30, 31 and 36, marked on brass cap

T10N
 R5W | R4W
 S25 | S30
 S36 | S31
 W C
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. For the method of determining the position of this line, see notes of subdivision of line bet. secs. 25 and 36, hereinafter described. 4.70 Head of gulch, course S.30° W. Asc. 110 ft. to 10.26 Spur, slopes S.50° W. Desc. 50 ft. to 15.80 Head of gulch, course W. Asc. 130 ft. to 21.75 Spur, slopes W. Desc. 240 ft. to 28.07 Gulch, course W. Asc. 140 ft. to 38.45 Spur, slopes N.60° W. Desc. 345 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

$\frac{1}{4}$
 S25 | S30
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. 66.57 Gulch, course W. Asc. to 71.49 Spur, slopes N.60° W. Desc. 115 ft. to 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap

Survey of a Portion of the East Boundary of T. 10 N., R. 5 W., 11.

Chains.

T10N	
R5W	R4W
S24	S19
S25	S30
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, granite boulders; and loose rocks; 4th rate.
 No timber.
 Undergrowth, cat claw and mesquite.
 Scanty grass.

North bet. secs. 19 and 24.
 Over mountainous land, through scattering undergrowth.
 Desc. 120 ft. to
 15.19 Gulch, course S.60° W. Asc. 30 ft. to
 25.00 Spur, slopes S.70° W. Desc. 70 ft. to
 40.00 The true point for ¼ sec. cor. falls in Antelope Creek,
 course S.55° W.
 40.07 Center of stream in gulch, course S.55° W. Asc. 370 ft.
 40.60 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for witness cor. to ¼ sec. cor., marked on brass
 cap

¼	
S24	S19
W	C
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 41.62 Pipe line, 3½ ins. diam., brs. N.60° E. and S.60° W. Asc.
 along E. side of gulch, course S.
 51.86 S. end of spur, slopes S.20° W. Continue ascent to
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
 ground, for cor. of secs. 13, 18, 19 and 24, marked on
 brass cap

T10N	
R5W	R4W
S13	S18
S24	S19
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, granite formation; loose rocks and gravel; 4th rate.
 No timber.
 Undergrowth, cat claw and greasewood.
 Scanty grass.

North bet. secs. 13 and 18.
 Over mountainous land, through scattering undergrowth.
 Asc. 130 ft. to
 9.70 Desc. 55 ft. to
 15.70 Asc. 95 ft. to
 26.40 Desc. 90 ft. to
 33.55 Stream in gulch, course S.20° W. Asc. 160 ft.
 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

12. Survey of a Portion of The East Boundary of T. 10 N., R. 5 W.

Chains.

$\frac{1}{4}$
 S13 | S18
 1916

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

49.57 End of spur from N.20° W. Desc. 15 ft. to
 51.56 Stream in gulch, course S.20° E. Asc. 415 ft.
 61.33 Old pipe line, 4 ins. diam., brs. N.70° E. and S.70° W.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap

T10N
 R5W | R4W
 S12 | S 7
 S13 | S18
 1916

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

Land, mountainous.
 Soil, loose rocks and gravel, malpais formation; 4th rate.
 No timber.
 Undergrowth, mahogany.
 Scanty grass.

North bet. secs. 7 and 12.
 Over mountainous land, through dense undergrowth.
 Asc. 580 ft. to

17.17 Ridge, brs. N.80° W. and S.80° E. Desc. 295 ft. to
 30.50 Gulch, course N.60° E. Asc. 130 ft.
 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., marked on brass cap

$\frac{1}{4}$
 S12 | S 7
 1916

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

41.20 Spur, slopes N.60° E. Desc. 205 ft. to
 63.75 Asc. 20 ft. to
 66.30 Desc. 190 ft. to
 74.55 Stream in gulch, course N.20° E. Asc. 150 ft. to
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap

T10N
 R5W | R4W
 S 1 | S 6
 S12 | S 7
 1916

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 and mahogany.
 Scanty grass.

North bet. secs. 1 and 6.
 Over mountainous land, through dense undergrowth.

Survey of portion of East bdy of Township 10 North Range 5 West 13

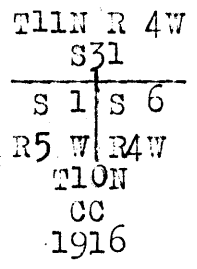
Chains.

- 2.95 Descend 40 ft. to Stream in gulch, course N.70°W. Ascend 265 ft. to
- 26.89 Top of ascent; brs. N.60°W. and S.60°E. Thence over mesa.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 48.60 Leave mesa, brs. N.40°W. and S.40°E. Descend 130 ft. along E. edge of gulch, course N.15°W.
- 69.80 Intersect S. bdy. of sec. 31, T. 11 N., R. 4 W., 14.08 chs. S. 89°13'E. of the cor. of Ts. 11 N., Rs. 4 and 5 W., which in an iron post, reestablished as hereinbefore described.

At the point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. of Ts. 10 N., Rs. 4 and 5 W., marked on brass cap,



And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, catclaw and scrub oak.
Scanty grass.



Boundaries of T. 10 N., R. 5 W.
 Latitudes, departures, and closing errors.

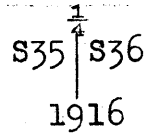
Line designated,	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S. 89° 58' W.	400.11		.20		400.11
West boundary,	N. 0° 1' E. North, N. 0° 3' W. N. 0° 4' W. North,	39.86 120.34 40.08 40.10 229.71	120.34 40.08 40.10 229.71		.01 ..04 .05	
North boundary,	East, S. 89° 20' E. S. 89° 13' E.	425.70 40.04 14.08		.46 .19	425.70 40.04 14.08	
East boundary,	South,	389.80		389.80		
N. bdy. sec. 36, W. bdy. sec. 36	S. 89° 58' W. S. 0° 1' E.	80.00 80.00		.05 80.00		80.00 .02
<u>Convergency</u>					.48	
<u>Totals,</u>			470.23	470.70	480.33	480.20
				470.23	480.20	
<u>Error in latitude,</u>			.47			
<u>Error in departure,</u>					.13	.05

Subdivision of T. 10 N., R. 5 W.

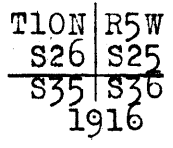
15.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S: bdy. of the Tp., which is an iron post, described in Book "B", N.0° 1' W., bet. secs. 35 and 36.
 Over rolling mountainous land, through scattering undergrowth.
 Desc. 85 ft. to
 8.28 Head of small gulch, course S.70° W. Asc. 285 ft. to
 17.72 Ridge, brs. N.20° W. and S.20° E. Continue ascent along E. slope to
 32.54 Spur, extends N.85° E. Windmill in N. Stanton brs. N.74° 49' E. Desc. 65 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

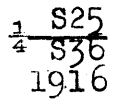


And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 43.00 Head of gulch, course S.65° E. Asc. 190 ft.
 44.67 Telephone line, brs. N.70° W. and S.70° E.
 51.91 Spur, extends N.75° E. Desc. 185 ft. to
 64.79 Head of gulch, course S.85° E. Asc. 135 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 From this cor., shaft brs. N.73 1/4° E., 2.80 chs. dist.
 Land, mountainous and rolling mountainous.
 Soil, rocky; granite formation; 4th rate.
 No timber.
 Undergrowth, cat claw.
 Scanty grass.

N.89° 58' E., on a true line, bet. secs. 25 and 36.
 Over rolling and mountainous land, through scattering undergrowth.
 Desc. 85 ft. to
 5.87 Head of gulch, course S.65° E. Asc. to
 12.72 Trail, brs. N.60° W. and S.60° E. Desc. 150 ft. to
 27.37 Antelope Creek, course S.10° W. Asc. 875 ft.
 35.32 Road, brs. N.20° E. to Yarnell and S.20° W. to Stanton.
 38.57 Pipe line, 3 ins. diam., brs. N. and S.
 39.27 Ditch, 2 ft. wide, course S.10° E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 From this cor., windmill in N. Stanton brs. S.20° 27' E.
 Vulture Peak brs. S.10° 47' E.
 44.45 Telephone line, brs. N. and S.
 47.49 From this point, U. S. L. M. No. 1277, Weaver District, which is a pine post, 6 ins. square, set in a mound of stone, marked and witnessed as described by the Surveyor-General, brs. S. 55 lks. dist.

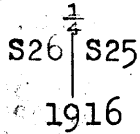
16.

Subdivision of T. 10 N., R. 5 W.

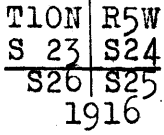
Chains.

49.02 Pipe line, 2 ins. diam., brs. N.1½° E. and S.1½° W.
 71.77 Peak brs. N. 4 chs. dist. Desc. 145 ft. to
 78.52 Gulch, course S.30° W. Asc. 20 ft. to
 80.00 A point due N. of the flag set on a reef, N. of the ¼ sec. cor. bet. secs. 31 and 36. The true point for cor. of secs. 25, 30, 31 and 36, falls on boulder, where I mark a cross (X). For description of witness cor. 0.30 chs. N. of this point, see field notes of E. Bdy. of Tp. hereinbefore described.
 Land, rolling & mountainous. Soil, granite formation, 4th rate.
 No timber.
 Undergrowth, cat claw and palo verde.

11.61 N.0° 1' W., bet. secs. 25 and 26.
 31.15 Over mountainous land, through scattering undergrowth.
 33.20 Asc. 185 ft. to
 37.28 Spur, slopes S.80° E. Desc. 275 ft. to
 40.00 Gulch, course N.70° E. Asc. 20 ft. to
 Point of spur, slopes E. Desc. 30 ft. to
 Gulch, running water, course S.65° E. Asc. 440 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



75.40 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 80.00 Continue ascent to
 Desc. 40 ft. to
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



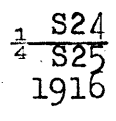
And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, granite and malpais formations; 4th rate.
 No timber.
 Undergrowth, cat claw and palo verde.
 Scanty grass.

40.00 N.89° 58' E., on a random line, bet. secs. 24 and 25.
 79.95 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp., 4 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, hereinbefore described.
 Hence
 West on a true line, bet. secs. 24 and 25.
 Over mountainous land, through scattering undergrowth.
 Desc. 200 ft. to
 15.50 Gulch, course N.50° W. Asc. 10 ft. to
 18.80 Desc. 145 ft.
 32.70 Pipe line, 3½ ins. diam., brs. N.5° E. and S.
 33.35 Telephone line, brs. N.1½° E. and S.1½° W.
 35.60 Antelope Creek, junction of creeks, one from N.20° E. and one from N.10° W., course S. Asc. 620 ft.
 37.20 Road, brs. N. to Yarnell and S. to Stanton;
 39.97½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground,

Subdivision of T. 10 N., R. 5 W.

Chains.

ground, for 1/4 sec. cor., marked on brass cap

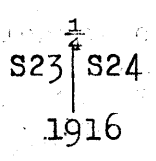


And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

- 55.40 Spur, slopes SE. Asc. on spur.
 - 69.15 Leave spur, from NW., slopes E. Thence along S. slope to
 - 72.50 Spur, slopes S.20° W. Desc. 225 ft. to
 - 79.95 The cor. of secs. 23, 24, 25 and 26.
- Land, mountainous.
Soil, granite and malpais formations; 4th rate.
No timber.
Undergrowth, cat claw and palo verde.
Scanty grass.

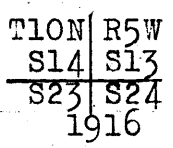
N.0° 1' W., bet. secs. 23 and 24.
Over mountainous land, through dense undergrowth.
Desc. to

- 0.30 Head of gulch, course S.30° W. Asc. 315 ft. to
- 13.47 Spur, slopes S.60° E. Thence along E. slope to
- 21.87 Spur, slopes N.60° E. Desc. 245 ft. to
- 29.94 Gulch, course S.80° E. Asc. 95 ft. to
- 34.20 Spur, slopes E. Desc. 215 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



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

- 41.13 Gulch, course E. Asc. 45 ft. to
- 44.00 Spur, slopes E. Desc. 115 ft. to
- 52.26 Gulch, course E. Asc. 25 ft. to
- 61.13 Point of spur, slopes S.60° E. Desc. 50 ft. to
- 66.77 Gulch, course S.40° E. Asc. 185 ft. to
- 73.11 Small black malpais knoll. Desc. 60 ft. to
- 78.00 Gulch, course SE. Asc.
- 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



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

Land, mountainous.
Soil, loose rock; malpais formation; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

- 40.00 East on a random line, bet. secs. 13 and 24.
 - 79.95 Set temp. 1/4 sec. cor.
- Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, hereinbefore described.
Thence

18

Subdivision of T. 10 N., R. 5 W.

Chains.

S.89° 57' W., on a true line bet. secs. 13 and 24.
 Over mountainous land, through scattering undergrowth.
 Desc. 165 ft. to
 7.27 Stream in gulch, course S. Asc. 190 ft. to
 21.38 Spur, slopes S. Desc. 110 ft. to
 38.90 Gulch, course S.20° W. Asc. 55 ft.
 39.97½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, in a mound of stone, for ¼ sec. cor., marked
 on brass cap

1 S13
 4 S24
 1916

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

44.30 Desc. 75 ft. to
 52.84 Gulch, course S.20° E. Asc. 95 ft. to
 65.90 Road, brs. N.30° W. to Yarnell and S.30° E. to Stanton.
 67.21 Telephone line, brs. N.35½° W. and S.35½° E.
 79.95 The cor. of secs. 13, 14, 23 and 24.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, cat claw and palo verde.
 Scanty grass.

N.0° 1' W., bet. secs. 13 and 14.
 Over mountainous land, through scattering undergrowth.
 Asc. 1375 ft.
 7.05 Road, brs. N.50° W. to Yarnell and S.50° E. to Stanton.
 16.55 Telephone line, brs. N.35½° W. and S.35½° E.
 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

1
 S14 | S13
 1916

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

Continue ascent.
 44.60 Old pipe line, 4 ins. diam., brs. E. and W.
 71.51 Ridge, brs. E. and W. Desc. 175 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 11, 12, 13 and 14, marked on
 brass cap

T10N | R5W
 S11 | S12
 S14 | S13
 1916

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

33.93 N.89° 57' E., on a random line, bet. secs. 12 and 13.
 Set temp. point for witness cor. to ¼ sec. cor., the
 40.00 ch. point being inaccessible. From this point,
 the flag at the cor. of secs. 7, 12, 13 and 18, on the
 E. bdy. of the Tp., brs. East, and the flag at the ¼ sec.

Subdivision of T. 10 N., R. 5 W.

Chains

79.99

cor. bet. secs. 1 and 6, brs. N.21° E. The distance to the E. bdy. is given by

tan. 21° X 120.00 = .38386 X 120.00 = 46.06 chs., which added to 33.93 chs., gives

39.99 1/2
46.06

The cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., which is an iron post, hereinbefore described. The falling at this cor. corresponding to the random bearing of N.89° 57' E. is 4 lks. N; therefore, S.89° 59' W., on a true line, bet. secs. 12 and 13, by triangulation measurement, just as described.

Over mountainous land, through scattering undergrowth. The true point for 1/4 sec. cor. falls in an inaccessible place on steep cliffs.

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

S12
S13 WC
1916



70.81
79.99

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Thence by chain measurement. Desc. 340 ft.

On NW. slope of Antelope Peak, about 8 chs. from the top. Continue descent to

The cor. of secs. 11, 12, 13 and 14. Land, mountainous. Soil, boulders and malpais rocks; 4th rate. No timber. Undergrowth, juniper and palo verde. Scanty grass.

7.89
18.20
40.00

N.0° 1' W., bet. secs. 11 and 12. Over mountainous land, through dense undergrowth. Desc. 70 ft. to

Head of gulch, course W. Asc. 120 ft. to Spur, slopes N.60° W. Desc. 690 ft.

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

S11 | S12
1916

76.87
80.00

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

Gulch, course N.60° W. Asc. 25 ft. to 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

T10N | R5W
S 2 | S 1
S11 | S12
1916

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

Land, mountainous. Soil, malpais formation; 4th rate. No timber. Undergrowth, dense scrub oak. Scanty grass.

Chains.

N.89° 59' E., on a random line, bet. secs. 1 and 12.
 40.00 Set temp. 7 sec. cor.
 80.00 Intersect E. bdy. of Tp., 4 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, hereinbefore described.
 Thence
 S.89° 57' W., on a true line, bet. secs. 1 and 12.
 Over mountainous land, through dense undergrowth.
 Asc. 195 ft. to
 20.65 Top of ascent, brs. N.70° W. and S.70° E. Thence across mesa.
 27.55 Leave mesa, desc. 25 ft. to
 32.05 Head of gulch, course N.80° W. Asc. 120 ft.
 40.00 The true point for 1/4 sec. cor. falls on shelving rock where it cannot be established.
 40.32 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for witness cor. to 1/4 sec. cor.; marked on brass cap

$$\begin{array}{r} S \ 1 \ WC \\ \frac{1}{4} \ S \ 12 \\ 1916 \end{array}$$
 And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 45.00 Top of ascent; thence over mesa.
 60.85 Leave mesa, desc. 240 ft. to
 80.00 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, rocky; malpais formation; 4th rate.
 No timber.
 Undergrowth, dense oak brush.
 Scanty grass.

N.0° 1' W., on a true line, bet. secs. 1 and 2.
 Over rolling and mountainous land, through scattering undergrowth.
 17.60 Low spur, slopes N.60° W. Desc. 125 ft.
 28.21 Road, brs. N.70° E. and S.70° W.
 29.00 Gulch, course N.80° W. Asc. 30 ft. to
 35.20 Spur, slopes N.60° W. Desc. 80 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S \ 2 \ S \ 1 \\ 1916 \end{array}$$
 And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 59.61 Telephone line, brs. N.16 1/2° E. and S.16 1/2° W.
 59.90 Telephone line, brs. N.5° 23' E. and S.5° 23' W.
 61.00 Road, brs. N.40° W. and S.40° E.
 65.90 Gulch, course N.60° W.
 70.53 Intersect S. bdy. of T. 11N., R. 5 W., 14.04 chs. E. of the reestablished cor. of secs. 35 and 36, 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 closing cor. of secs. 1 and 2, marked on brass cap.

T11N R5W
 S36

$$\begin{array}{r} S \ 2 \ S \ 1 \\ T10N \ R5W \\ C \ C. \\ 1916 \end{array}$$

Subdivision of T. 10 N., R. 5 W.

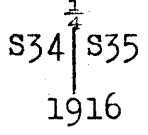
Chains.

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.
Land, rolling and mountainous.
Soil, malpais formation; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

2.50
3.70
18.78
28.02
40.00

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, described in Book "B" N.0° 1' W., on a true line, bet. secs. 34 and 35. Over rolling and mountainous land, through scattering undergrowth.

Desc. to
Gulch, course S.50° W. Asc. 135 ft.
Road, brs. W. to Congress Junction, and E. to Stanton.
Spur, slopes S.50° W. Desc. 65 ft. to
Gulch, course S.50° W. Asc. 485 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

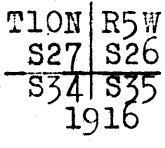


53.86
70.05
78.21
80.00

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

From this cor., cor. No. 1 Katherine Mining Claim, Survey No. 2888, Weaver District, brs. N.71° 35' E. U. S. L. M. No. 1971, Weaver District, brs. N.18° 21' E. Diligent search in this vicinity failed to reveal any trace of U. S. L. M. No. 1.

Road, brs. N.40° E. and S.40° W.
Telephone line, brs. E. and W.
Intersect line 3-4, Welcome No. 1 West Mining Claim, Survey No. 1971, Weaver District, 9.39 chs. N.77° 20' W. of cor. No. 3.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap



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

From this cor., cor. No. 1 Katherine Mining Claim brs. S.47° 43' E.

Land, rolling and mountainous.
Soil, rocky; granite formation; 4th rate.
No timber.
Undergrowth, greasewood and palo verde.
Scanty grass.

40.00
79.90
5.80
16.40

N.89° 58' E., on a random line, bet. secs. 26 and 35.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 11 lks. N. of the cor. of secs. 25, 26, 35 and 36.
Thence
N.89° 57' W., on a true line, bet. secs. 26 and 35.
Over mountainous land, through scattering undergrowth.
Asc. 75 ft. to
Ridge, brs. N. and S. Desc. 230 ft. to
Gulch, course S.20° W. Asc. 195 ft.

22.

Subdivision of T. 10 N., R. 5 W.

Chains.
 37.56 From this point, cor. No. 3 New York No. 1 Mining Claim, Survey No. 1971, Weaver District, brs. S.9° 53' E., 1.93 chs. dist.
 39.50 Spur, slopes S. Desc. 280 ft.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S26
 $\frac{1}{4}$ S35
 1916

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

46.63 From this point, cor. No. 2 New York No. 1 Mining Claim brs. S.9° 53' E., 1.30 chs. dist.
 54.00 Intersect line 1-2, Welcome Mining Claim, 2.88 chs. N.70° 46' W. of cor. No. 2.
 61.90 From this point, U. S. L. M. No. 1971, Weaver District, brs. S.54° 42' W., 7.56 chs. dist.
 67.45 Gulch, course S. Asc. 85 ft.
 68.80 Road, brs. N.20° E. and S.20° W. Approximate center of Mining Camp of 15 houses.
 79.90 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, loose rocks and boulders; 4th rate.
 No timber.
 Undergrowth, cat claw and palo verde.
 Scanty grass.

N.0° 1' W., bet. secs. 26 and 27.
 Over mountainous land, through scattering undergrowth.
 Asc. 1235 ft.

22.23 From this point, cor. No. 2 Dixie No. 3 Mining Claim, Survey 1971, Weaver District, brs. N.45° E., 1.78 chs. dist.
 35.68 Spur, slopes S.20° W. Continue ascent.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 W | C
 S27 | S26
 1916

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

40.00 The true point for $\frac{1}{4}$ sec. cor. falls on boulder, at which point I mark a cross (X).
 46.14 Spur, slopes W. Continue ascent.
 63.71 Spur, slopes W. Continue ascent.
 79.80 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 22, 23, 26 and 27, marked on brass cap

T10N | R5W
 W | C
 S22 | S23
 S27 | S26
 1916

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

80.00 The true point for cor. of secs. 22, 23, 26 and 27 falls on boulder, at which point I mark a cross (X).
 Land, mountainous.
 Soil, huge boulders, 4th rate.
 No timber.
 Undergrowth, sagebrush, cat claw and sarub oak.

Subdivision of T. 10 N., R. 5 W.

23.

Chains.

Scanty grass.

From the true point for cor. of secs. 22, 23, 26 and 27,
 S.89° 57' E., on a random line, bet. secs. 23 and 26.
 Set temp. $\frac{1}{4}$ sec. cor.
 40.00 Intersect the corner of sections 23, 24, 25 and 26, 24, 25
 79.98 and 26.
 Thence
 N.89° 57' W., on a true line, bet. secs. 23 and 26.
 Over mountainous land, through scattering undergrowth.
 Desc. 20 ft. to
 0.52 Gulch, course S.30° W. Asc. 20 ft. to
 6.40 Point of spur, slopes S. Desc. 100 ft. to
 11.45 Gulch, course S. Asc. 195 ft. to
 19.51 Spur, slopes S. Desc. 85 ft. to
 36.10 Gulch, course S.40° E. Asc. 915 ft.
 39.99 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

$\frac{1}{4}$	S23
$\frac{1}{4}$	S26
	1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
 of cor.
 78.48 Ridge, brs. N. and S. Desc. 35 ft. to
 79.98 The true point for cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, huge boulders, granite formation; 4th rate.
 No timber.
 Undergrowth, mahogany and scrub oak.
 Scanty grass.

From the true point for cor. of secs. 22, 23, 26 and 27,
 N.0° 1' W., bet. secs. 22 and 23.
 Over mountainous land, through dense undergrowth.
 Asc. 180 ft., along W. slope of ridge, brs. N. and S.
 28.55 Ridge, brs. NW. and S. Desc. 180 ft.
 40.00 The true point for $\frac{1}{4}$ sec. cor. falls on boulder, at which
 point I mark a cross (X).
 40.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass
 cap

	$\frac{1}{4}$	
S22		S23
W		C
		1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 47.95 Asc. 140 ft. to
 69.82 Desc. 165 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 14, 15, 22 and 23, marked on
 brass cap

T10N		R5W
S15		S14
S22		S23
		1916

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

24.

Subdivision of T. 10 N., R. 5 W.

Chains.

Undergrowth, scrub oak.
Scanty grass.

40.00 S.89° 57' E., on a random line, bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
80.01 Intersect N. and S. line, 9 lks. N. of the cor. of secs.
13, 14, 23 and 24.
Thence
N.89° 53' W., on a true line, bet. secs. 14 and 23.
Over mountainous land, through dense undergrowth.
Desc. 30 ft. to
5.05 Gulch, course S.30° E. Asc. 675 ft.
40.00 $\frac{1}{2}$ 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

$\frac{1}{4}$ S14
 $\frac{1}{4}$ S23
1916

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

42.55 Desc. 15 ft. to
48.25 Asc. 50 ft. to
61.25 Ridge, brs. N. and S. Desc. 110 ft. to
76.95 Head of gulch, course N.60° W. Asc. 40 ft. to
80.01 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, huge granite boulders; 4th rate.
No timber.
Undergrowth, scrub oak.
Scanty grass.

N.0° 1' W., bet. secs. 14 and 15.
Over mountainous land, through dense undergrowth.
Desc. 95 ft. to
7.01 Gulch, course N.50° W. Asc. 40 ft. to
11.09 From this point, cor. Np. 4 Edgar Mining Claim; Survey No.
1113, Weaver District, brs. N.77° 45' W., 6.87 chs. dist.
Desc. 65 ft. to
15.75 Asc. 280 ft. to
24.55 From this point, U. S. L. M. No. 1112, Weaver District, brs.
N.22° 03' E.
35.09 Telephone line, brs. N.78 $\frac{1}{2}$ ° W. and S.78 $\frac{1}{2}$ ° E. Old mining
camp of Yarnell brs. S.78 $\frac{1}{2}$ ° E., 10 chs. dist.
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

$\frac{1}{4}$
S15 | S14
1916

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

45.50 Ridge, brs. E. and W. Desc. 105 ft.
46.77 Trail, brs. N.80° W. and S.80° E.
56.74 Head of gulch, course S.60° E. Asc. 80 ft.
59.24 Road, brs. N.50° W. and S.50° E. Old store brs. N.50° W.,
6 chs. dist.
67.62 Ranch house, brs. W. 15 chs. dist.
68.36 U. S. L. M. No. 1112 brs. S.15° 43' E. Desc. 50 ft.
73.54 Telephone line, brs. N.47° 38' E. and S.47° 38' W.
78.56 Road, brs. N.40° E. and S.50° W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 10, 11, 14 and 15, marked on
brass cap

Subdivision of T. 40 N., R. 5 W.

Chains.

T10N | R5W
S10 | S11
S15 | S14
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
and, mountainous.
Soil, granite boulders;
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

40.00 S. 89° 53' E., on a random line, bet. secs. 11 and 14.
Set temp. 1/4 sec. cor.
80.01 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence
N. 89° 55' W., on a true line, bet. secs. 11 and 14.
Over mountainous land, through dense undergrowth.
Desc. 245 ft. to
10.00 Gulch, course N. 50° W. Asc. 115 ft. to
20.15 Ridge, brs. N. 85° W. and S. 85° E. Desc. 390 ft.
40.00 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4 S11
1/4 S14
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
43.65 Telephone line, brs. N. 18 1/4° E. and S. 18 1/4° W.
56.00 Thence over rolling land.
72.90 Telephone line, brs. N. 47° 38' E. and S. 47° 38' W.
78.80 Road, brs. N. 40° E. and S. 40° W.
80.01 The cor. of secs. 10, 11, 14 and 15.
Land, mountainous and rolling.
Soil, granite formation; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

N. 0° 1' W., bet. secs. 10 and 11.
Over mountainous land, through scattering undergrowth.
Asc. 15 ft. to
9.70 Desc. 110 ft. to
28.40 Gulch, course N. 70° E. Asc. 45 ft. to
33.85 Desc. 60 ft. to
39.70 Gulch, course E. Asc. 85 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4
S10 | S11
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
47.75 Desc. 55 ft. to
55.65 Asc. 65 ft. to
68.33 Desc. 120 ft. to
80.00 Gulch, course S. 70° E. Asc. 100 ft. to
The true point for cor. of secs. 2, 3, 10 and 11 falls on granite boulder, at which point I mark a cross (X).
Land, mountainous.
Soil, granite formation, huge boulders; 4th rate.

Chains.

No timber.
Undergrowth, dense scrub oak.
Scanty grass.

40.00 From the true point for cor. of secs. 2, 3, 10 and 11,
S. 89° 55' E., on a random line, bet. secs. 2 and 11.
Set temp. 1/4 sec. cor.
79.94 Intersect the corner of section 2, 3, 10 and 11.
Thence
N. 89° 55' W., on a true line, bet. secs. 2 and 11.
Over rolling land, through scattering undergrowth.
0.89 Gulch, course N. 50° W.
18.88 Telephone line, brs. N. 17 1/2° E. and S. 17 1/2° W.
21.14 Telephone line, brs. N. 24 1/2° E. and S. 24 1/2° W.
22.60 Road, brs. N. and S.
24.70 Gulch, 40 lks. wide, 4 ft. deep, course N. 30° E.
31.00 Thence over granite boulders.
39.60 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
WC 1/4 S 2
S 11
1916
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
of cor.
39.97 The true point for 1/4 sec. cor. falls on granite boulder,
where it cannot be established.
Asc. 180 ft. to
56.66 Rocky butte. Desc. 195 ft. to
79.94 The true point for cor. of secs. 2, 3, 10 and 11.
Land, mountainous and rolling.
Soil, huge granite boulders; 4th rate.
No timber.
Undergrowth, scrub oak, cat claw and scrub mahogany.
Scanty grass.

0.25 From the true point for cor. of secs. 2, 3, 10 and 11,
N. 0° 1' W., on a true line, bet. secs. 2 and 3.
Over mountainous land, through dense undergrowth.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for witness cor. to cor. of secs. 2, 3, 10 and
11, marked on brass cap

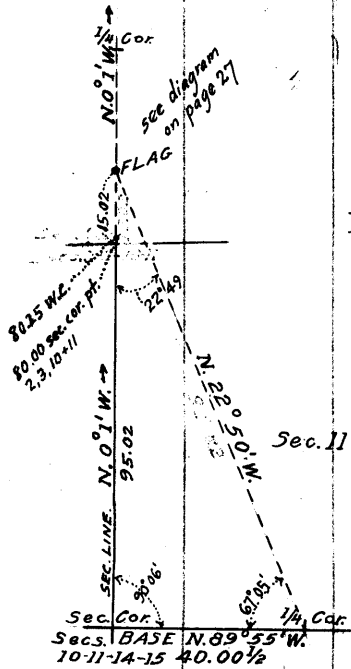
T10N	R5W
S 3	S 2
S10	S11
W C	
1916	

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W.
of cor.
It being impracticable to chain from the true point for cor.
of secs. 2, 3, 10 and 11, I set a flag ahead on line,
the bearing to which, from the 1/4 sec. cor. bet. secs.
11 and 14, is N. 22° 50' W. The distance to the flag
is given by

$$\frac{40.005 \times \log. \sin. 67^\circ 05'}{\log. \sin. 22^\circ 49'} \text{ or, by}$$

logarithms,
log. 40.005 = 1.602115
log. sin. 67° 05' = 9.964294-10
log. sin. 22° 49' = 9.588590-10
1.977819 = log. 95.02

15.02 chs., or from the true point for cor. of secs. 2, 3,
10 and 11, 15.02 chs.
Ridge, brs. N. 70° W. and S. 70° E. Thence by triangulation
measurement hereinafter described. Descend.



Chains.
40.00

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 3 | S 2
1916

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

55.73
70.42

Gulch, course N.60° E. Asc. to
Intersect N. bdy. of Tp., 13.86 chs. E. of the reestablished cor. of secs. 34 and 35, which is an iron post, hereinbefore described. At point of intersection,

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

T11N R5W
S35
S 3 | S 2
T10N R5W
C | C
1916

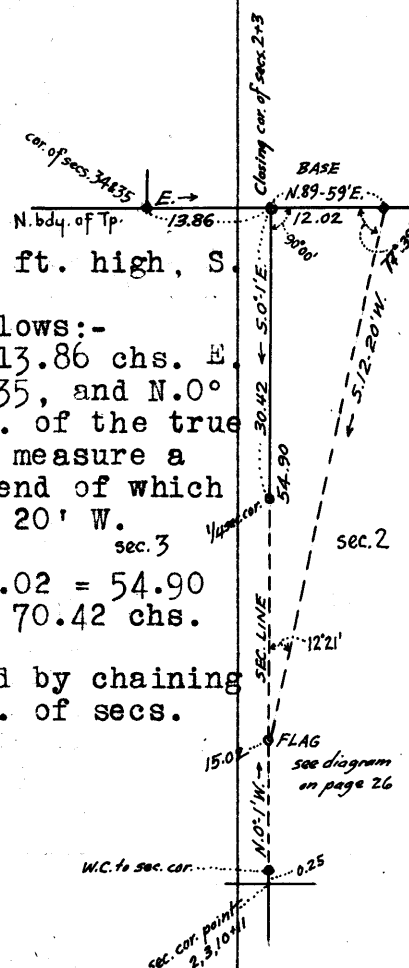
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

The length of this mile was determined as follows:-

From the point on the S. bdy. of sec. 35, 13.86 chs. E. of the reestablished cor. of secs. 34 and 35, and N.0° 1' W. of the flag set 15.02 chs. N.0° 1' W. of the true point for cor. of secs. 2, 3, 10 and 11, I measure a base N.89° 59' E., 12.02 chs. from the E. end of which the flag at the 15.02 ch. point brs. S.12° 20' W. The distance to the flag is given by
 $\cot. 12^\circ 21' \times 12.02 = 4.56726 \times 12.02 = 54.90$ chs., which added to the 15.02 chs., gives 70.42 chs.

The position of the $\frac{1}{4}$ sec. cor. was determined by chaining 30.42 chs. S.0° 1' E. from the closing cor. of secs. 2 and 3.

Land, mountainous.
Soil, huge granite boulders; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.



25.30
40.00

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is an iron post, described in Book "B", N.0° 2' W., bet. secs. 33 and 34.

Over rolling land, through scattering undergrowth.
Road, brs. N.60° E. and S.60° W.

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

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

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

41.00
80.00

Road, brs. N.10° W. and S.10° E.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T10N R5W
S28 | S27
S33 | S34
1916

28. Subdivision of T. 10 N., R. 5 W.

Chains.

Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, mesquite and palo verde, 4 to 10 ft. high.
 Scanty grass.

40.00 N.89° 58' E., on a random line, bet. secs. 27 and 34.
 Set temp. ¼ sec. cor.
 80.05 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence
 S.89° 59' W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, through scattering undergrowth.
 Asc. 145 ft.

9.44 Intersect line 3-4, Welcome No. 1 West Mining Claim, Survey No. 1971, Weaver District, 3.32 chs. S.77° 20' E. of cor. Np. 4.

12.05 Spur, slopes S.20° W. Desc. 500 ft. to
 34.05 Foot of descent; thence over rolling land.

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

1 S27
 ¼ S34
 1916

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

64.85 Telephone line, brs. N.44¼° W. and S.44¼° E.
 80.05 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling and mountainous.
 Soil, west half, sandy; east half, granite rocks; 4th rate.
 No timber.
 Undergrowth, scattering mesquite and palo verde.
 Scanty grass.

N.0° 2' W., bet. secs. 27 and 28.
 Over rolling land, through scattering undergrowth.

15.75 Telephone line, brs. N.44¼° W. and S.44¼° E.
 24.00 Gulch, course S.30° W. Asc. 365 ft.
 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

1 S28 | S27
 1916

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

68.38 Spur, slopes W. Desc. 95 ft. to
 78.35 Asc. 35 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

T10N | R5W
 S21 | S22
 S28 | S27
 1916

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

Land, mountainous and rolling.
 Soil, sandy and gravelly, 3rd rate; and rocky, 4th rate.

chains.

No timber.
Undergrowth, mesquite and palo verde.
Scanty grass.

40.00

N. 89° 59' E., on a random line, bet. secs. 22 and 27.
Set temp. 1/4 sec. cor. It being impracticable to chain
the remainder of this mile, I proceed as follows:-

From the true point for cor. of secs. 22, 23, 26 and 27,
a flag at the 1/4 sec. cor. bet. secs. 27 and 28 brs. S. 63°
26' W., and a flag at the cor. of secs. 27, 28, 33 and
34 brs. S. 45° W. The distance from the true point for
cor. of secs. 22, 23, 26 and 27 to the 1/4 sec. cor. bet.
secs. 27 and 28 is given as follows:

$$\frac{40.00 \times \sin. 45^\circ 02'}{\sin. 18^\circ 26'} \text{ or, by logarithms,}$$

log. 40.00	=	1.602060
log. sin. 45° 02'	=	9.849738-10
log. sin. 18° 26'	=	11.451798-10
log. sin. 18° 26'	=	9.499963-10
		<u>1.951835</u> = log.

89.50 chs.

The northing and westing of this line are therefore the
products of the cosine and sin of 63° 26' by 89.50 chs.:-

$$\begin{aligned} \cos. 63^\circ 26' \times 89.50 &= .44724 \times 89.50 = 40.03 \text{ chs., and} \\ \sin. 63^\circ 26' \times 89.50 &= .89441 \times 89.50 = 80.05 \text{ chs.} \end{aligned}$$

The bearing and distance of the line bet. secs. 22 and 27,
as indicated by these calculations, are S. 89° 59' W.,
80.05 + the westing of the N. half of the line bet. secs.
27 and 28, or 2 lks., = 80.07 chs.

40.03 1/2

From the true point for cor. of secs. 22, 23, 26 and 27,
S. 89° 59' W., on a true line, bet. secs. 22 and 27.
Over mountainous 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

$$\frac{1}{4} \frac{S22}{S27} \\ 1916$$

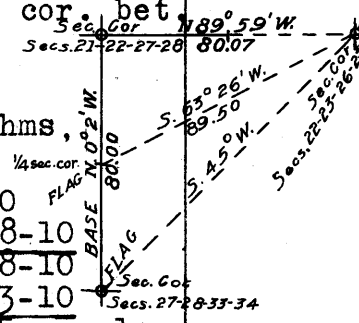
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
of cor.

80.07

Desc. 710 ft. to
The cor. of secs. 21, 22, 27 and 28.
Land, mountainous.
Soil, granite boulders; 4th rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

6.82
40.00

N. 0° 2' W., bet. secs. 21 and 22.
Over mountainous land, through scattering undergrowth.
Asc. 340 ft. to
Spur, slopes W. Desc. 370 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec cor., marked on brass cap



Chains.

$\frac{1}{2}$
 S21 | S22
 1916

- And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- From this cor., U. S. L. M. NO. 1184, Weaver District, brs. N.78° W.
- 42.34 Intersect line 15-16, Cottonwood Placer Mining Claim, Survey No. 1185, S.83° 2' W., 6.54 chs. from cor. No. 16.
- 44.08 Gulch, course N.70° W. Asc. 350 ft.
- 50.88 Intersect line 17-20 Cottonwood Placer Mining Claim, N.83° 38' E., 5.70 chs. from cor. No. 20.
- 65.81 From this point, cor. No. 6 Saturn Mining Claim, Survey No. 1184, Weaver Mining District, brs. N.57° 30' E., 0.57 chs. dist.
- 66.66 Intersect line 6-7, Saturn Mining Claim, 0.72 chs. N.41 $\frac{1}{4}$ ° W. of cor. No. 6.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

T10N | R5W
 S16 | S15
 S21 | S22
 1916

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

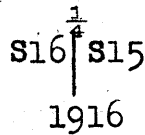
- 40.00 N.89° 59' E., on a random line, bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.
- Thence
- S.89° 57' W., on a true line, bet. secs. 15 and 22. Over mountainous land, through dense undergrowth. Asc. 50 ft. to
- 4.16 Spur, slopes W. Desc. 265 ft. to
- 14.25 Gulch, course S.50° W. Asc. to
- 21.72 Spur, slopes S. Desc. 95 ft.
- 21.95 Telephone line, brs. NE. and SW.
- 26.74 Gulch, course S. Asc. 100 ft.
- 40.02 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

$\frac{1}{4}$ S15
 S22
 1916

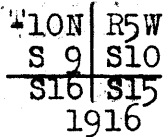
- 41.96 Spur, slopes S.30° W. Desc. 580 ft. to
- 80.04 The cor. of secs. 15, 16, 21 and 22.
- Land, mountainous.
- Soil, huge granite boulders; 4th rate.
- No timber.
- Undergrowth, scattering and dense scrub oak.
- Scanty grass.

Chains.

27.33 N.0° 2' W., bet. secs. 15 and 16.
 40.00 Over mountainous land, through dense undergrowth.
 Asc. 1030 ft. to
 Ridge, brs. N.40° W. and S.40° E. Desc. 80 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap



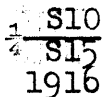
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W.
 of cor.
 43.15 Gulch, course E. Asc. 70 ft. to
 53.00 Desc. 20 ft. to
 55.85 Asc. 190 ft. to
 71.96 Ridge, brs. E. and W. Desc. 90 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 9, 10, 15 and 16, marked on
 brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W.
 of cor.
 Land, mountainous.
 Soil, granite boulders; 4th rate
 No timber.
 Dense scrub oak undergrowth.
 Scanty grass.

40.00 N.89° 57' E., on a random line, bet. secs. 10 and 15.
 79.84 Set temp. 1/4 sec. cor.
 Intersect N. 103° 30' E. line, at the cor. of secs. 10, 11, 14
 and 15.

Thence
 S.89° 57' W., on a true line, bet. secs. 10 and 15.
 Over rolling land, through dense undergrowth.
 5.24 Fence, brs. N. and S.
 8.90 Asc. 20 ft. to
 9.80 Desc. 40 ft. to
 16.65 Asc. 55 ft.
 19.60 Fence, brs. N.10° W. and S.10° E.
 31.35 Enter flat, brs. N. and S.
 34.85 Wash, 10 lks. wide, 3 ft. deep, course S.75° E.
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
 high, N. of cor.
 44.10 Four wire fence, brs. N.20° E. and S.20° W.
 52.85 Leave sandy flat. Asc. 290 ft. to
 79.84 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling and mountainous.
 Soil, huge granite boulders; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.
 Scanty grass.

Chains.

N. 0° 2' W., bet. secs. 9 and 10.
 Over mountainous land, through dense undergrowth.
 Asc. 30 ft. to
 Desc. 145 ft. to
 Gulch, course N.40° E. Thence over level land.
 Gulch, 10 lks. wide, 1 ft. deep, course E.
 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

3.00
 12.02
 29.40
 40.00

$\frac{1}{4}$
 S 9 | S 10
 1916

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

40.76
 46.00
 64.25
 76.80
 80.00

Gulch, course N.60° E.
 Gulch, course E.
 Gulch, 5 lks. wide, 1 ft. deep, course E.
 Gulch, 10 lks. wide, 4 ft. deep, course S.40° E.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 3, 4, 9 and 10, marked on brass
 cap

T10N | R5W
 S 4 | S 3
 S 9 | S 10
 1916

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

Land, mountainous.
 Soil, granite formation; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.
 Scanty grass.

40.00
 79.94

N.89° 57' E., on a random line, bet. secs. 3 and 10.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 7 lks. N. of the true point for
 cor. of secs. 2, 3, 10 and 11.

Thence
 19.95
 34.10
 36.55
 39.97

West on a true line, bet. secs. 3 and 10.
 Over mountainous land, through dense undergrowth.
 Desc. 70 ft. to
 Thence over rolling land.
 Gulch, 40 lks. wide, course S.80° E.
 Asc. 45 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

$\frac{1}{4}$ S 3
 S 10
 1916

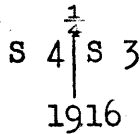
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

47.20
 48.50
 53.05
 56.15
 60.85
 64.00
 67.85
 79.94

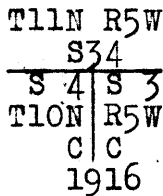
Desc. 10 ft. to
 Asc. 105 to
 Desc. 45 ft. to
 Asc. 65 to
 Desc. 35 ft. to
 Asc. 25 ft. to
 Desc. 40 ft. to
 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, huge granite boulders; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.

chains.

8.24 N.0° 2' W., on a true line, bet. secs. 3 and 4.
 26.02 Over mountainous land, through dense undergrowth.
 40.00 Asc. 50 ft. to
 Ridge, brs. E. and W. Desc. 115 ft. to
 Gulch, course E. Asc. 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

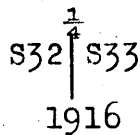


51.57 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 70.14 of cor.
 Ridge, brs. N.60° W. and S.60° E. Desc. 230 ft. to
 Intersect S. bdy. of sec. 34, T. 11 N., R. 5 W., 14.13 chs.
 E. of the reestablished cor. of secs. 33 and 34, which
 is an iron post, hereinbefore described.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor.
 of secs. 3 and 4, marked on brass cap

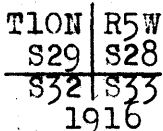


And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S.
 of cor.
 Land, mountainous.
 Soil, huge granite boulders; 4th rate.
 No timber.
 Undergrowth, dense scrub oak.
 Scanty grass.

2.40 From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of
 40.00 the Tp., which is an iron post, described in Book "B.",
 N.0° 2' W., bet. secs. 32 and 33.
 Over rolling land, through scattering undergrowth.
 Road, brs. W. to Congress Junction and E. to Stanton.
 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



80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, W. of cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 28, 29, 32 and 33, marked on
 brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.;
 and raise a mound of earth, 4 ft. base, 2 ft. high, W.
 of cor.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.

34.

Subdivision of T. 10 N., R. 5 W.

Chains.

Undergrowth, scattering mesquite and palo verde.
Scanty grass.

40.00 N. 89° 58' E. on a random line, bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
80.05 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
27, 28, 33 and 34.
Thence
West on a true line, bet. secs. 28 and 33.
Over rolling land, through scattering undergrowth.
13.25 Road, brs. N. 30° W. and S. 30° E.
39.95 Wash, course S.
40.02 $\frac{1}{2}$ The true point for $\frac{1}{4}$ sec. cor. falls on edge of wash, course
S.
40.43 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass
cap

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

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor.

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

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, scattering mesquite and palo verde.
Scanty grass.

30.90 N. 0° 2' W., bet. secs. 28 and 29.
Over rolling land, through scattering undergrowth.
Telephone line, brs. N. 58 $\frac{1}{4}$ ° E. and S. 58 $\frac{1}{4}$ ° 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

$\frac{1}{4}$
 S29 | S28
 1916

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

42.70 Wash, course S. 40° W.
68.30 Wash, course S. 40° W.
72.70 Road, brs. N. 60° E. and S. 60° W.
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
brass cap

T10N | R5W
 S20 | S21
 S29 | S28
 1916

Dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, scattering mesquite and palo verde.

Subdivision of T. 10 N., R. 5 W.

Chains.

Scanty grass.

40.00 East on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.07 Intersect. the corner of sections 21, 22, 27 and 28, 27
 and 28.
 Thence
 West on a true line, bet. secs. 21 and 28.
 Over mountainous land, through scattering undergrowth.
 Desc. 195 ft. to
 15.07 Foot of descent; thence over rolling land.
 27.23 Telephone line, brs. N.3° 10' E. and S.3° 10' W.
 32.07 Wash, course S.
 40.03 $\frac{1}{2}$ 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

$\frac{1}{4}$ S21
 $\frac{1}{4}$ S28
 1916

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
 high, N. of cor.
 From this cor., U. S. L. M. No. 1184, Weaver District,
 brs. N.15° 11' E.
 51.47 From this point, cor. No. 3 of Diamond Placer Mining Claim,
 Survey No. 2139, Weaver District, brs. N. 1.83 chs.
 dist.
 54.15 Frame shack brs. N. about 1 ch. dist.
 59.75 Road, brs. N.50° E. and S.50° W.
 80.07 The cor. of secs. 20, 21, 28 and 29.
 Land, rolling and mountainous.
 Soil, sandy; 3rd rate; and rocky; 4th rate.
 No timber.
 Undergrowth, palo verde and mesquite.
 Scanty grass.

39.23 N.0° 2' W., bet. secs. 20 and 21.
 Over rolling land, through scattering undergrowth.
 From this point, cor. No. 2 of Side Issue Mining Claim,
 Survey No. 1704A, Weaver District, brs. E. 0.05 chs.
 dist.
 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

$\frac{1}{4}$
 S20 | S21
 1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 70.30 Gulch, course S.70° W. Asc. 145 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 cor. of secs. 16, 17,
 20 and 21, marked on brass cap

T10N | R5W
 S17 | S16
 S20 | S21
 1916

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

36.

Subdivision of T. 10 N., R. 5 W.

Chains.

Land, rolling.
Soil, gravelly, 3rd rate; and rocky; 4th rate.
No timber.
Undergrowth, scattering mesquite and palo verde.
Scanty grass.

40.00 East on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.
80.15 Intersect N. and S. line, 9 lks. S. of the cor. of secs.
15, 16, 21 and 22.

Thence
S. $89^{\circ} 56'$ W., on a true line, bet. secs. 16 and 21.
Over mountainous land, through scattering undergrowth.
Asc. 335 ft. to
38.33 Spur, slopes S. 20° W. Desc. 655 ft.
40.07 $\frac{1}{2}$ 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.

S16
 $\frac{1}{4}$ S21
1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.
64.20 Gulch, course S. 60° W. Asc. 50 ft. to
72.40 Desc. 20 ft. to
80.15 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous.
Soil, granite rocks; 4th rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

N. $0^{\circ} 2'$ W., bet. secs. 16 and 17.
Over mountainous land, through scattering undergrowth.
Asc. 215 ft. to
10.51 Spur, slopes S. 50° W. Desc. 25 ft. to
12.57 Gulch, course S. 50° W. Asc. 650 ft. to
39.90 Spur, slopes W. Desc. 50 ft.
40.00 The true point for $\frac{1}{4}$ sec. cor. falls on granite boulder,
where it cannot be established.
44.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass
cap

$\frac{1}{4}$
S17 | S16
W | C
1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
Asc. 70 ft. to
56.60 Desc. 25 ft. to
59.32 Gulch, course west W. Asc. 180 ft. to
68.37 Spur, slopes W. Desc. 75 ft. to
75.10 Head of gulch, course S. 60° W. Asc. 140 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground, in a mound of stone, for cor. of secs. 8, 9, 16
and 17, marked on brass cap

Subdivision of T. 10 N., R. 5 W.

Chains.

T10N	R5W
S 8	S 9
S17	S16
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, granite and malpais formations; 4th rate.
 No timber.
 Undergrowth, scrub oak and mahogany.
 Scanty grass.

40.00 N.89° 56' E., on a random line, bet. secs. 9 and 16.
 Set temp. ¼ sec. cor.
 79.94 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 9, 10, 15 and 16.
 Thence
 S.89° 51' W., on a true line, bet. secs. 9 and 16.
 Over mountainous land, through dense undergrowth.
 Asc. 65 ft. to
 7.00 Desc. to
 14.00 Gulch, course N.80° E. Asc. 520 ft.
 39.97 The true point for ¼ sec. cor. falls on boulder, where it cannot be established.
 40.28 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to ¼ sec. cor., marked on brass cap

¼ S 9
¼ S16 WC
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 44.40 Weaver Mountain, brs. N.30° W. and S.30° E. Desc. 485 ft. to
 62.58 Wash, 5 lks. wide, course S.45° W. Asc. 20 ft. to
 63.20 Desc. 280 ft. to
 79.94 The cor. of secs. 8, 9, 16 and 17.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak and mahogany.
 Scanty grass.

N.0° 2' W., bet. secs. 8 and 9.
 Over mountainous land, through scattering undergrowth.
 Asc. 25 ft. to
 1.55 Spur, slopes W. Desc. 160 ft. to
 8.90 Wash, 10 lks. wide, course S.30° W. Asc. 130 ft. to
 14.15 Spur, slopes S.25° W. Desc. to
 16.80 Wash, 8 lks. wide, course SW. Asc. 975 ft.
 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

S 8	S 9
1916	

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

38.

Subdivision of T. 10 N., R. 5 W.

Chains.

54.90 Weaver Mountain, brs. N.50° W. and S.50° E. Desc. 145 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T10N	R5W
S 5	S 4
S 8	S 9
1916	

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 and scrub mahogany.
 Scanty grass.

40.00 N.89° 51' E., on a random line, bet. secs. 4 and 9. Set temp. ¼ sec. cor.
 80.15 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence

S.89° 56' W., on a true line, bet. secs. 4 and 9.
 Over mountainous land, through dense undergrowth.

Asc. 80 ft. to

17.10 Desc. 15 ft. to

20.05 Asc. 205 ft.

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

¼ S 4	S 9
1916	

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

42.76 Spur, slopes N. Desc. 110 ft. to
 53.72 Gulch, course N.30° E. Asc. 430 ft. to
 80.15 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, dense scrub oak.

Scanty grass.

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

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, for ¼ sec. cor., marked on brass cap

S 5	S 4
1916	

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

66.23 Gulch, course S.20° E. Asc. 35 ft. to
 70.36 Intersect S. bdy. of sec. 33, T. 11 N., R. 5 W., 14.05 chs. E. of the corner of sections of secs. 32 and 33, T. 11 N., R. 5 W., 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 closing cor.

Subdivision of T^o 10 N., R. 5 W.

Chains.

of secs. 4 and 5, marked on brass cap

T11N R5W
S 33
S 5 | S 4
T10N R5W
C | C
1916

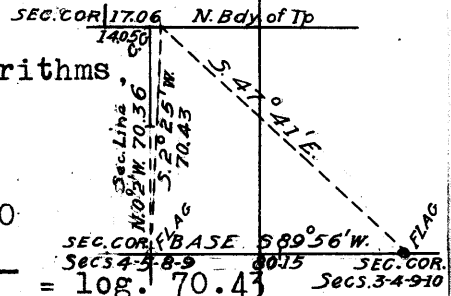
And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

The length of this mile was determined as follows:-

From a point 17.06 chs. E. of the reestablished cor. of secs. 32 and 33, on the S. bdy. of T. 11 N., R. 5 W., a flag at the cor. of secs. 3, 4, 9 and 10, brs. S.47° 41' E., and a flag at the cor. of secs. 4, 5, 8 and 9 brs. S.2° 25' W. The distance from the point on the boundary to the cor. of secs. 4, 5, 8 and 9 is given by

$$\frac{80.15 \times \sin. 42^\circ 23'}{\sin. 50^\circ 6'}$$
 or, by logarithms

log. 80.15 = 1.903904
log. sin. 42° 23' = 9.828716-10
log. sin. 50° 6' = 9.884889-10
$$\frac{11.732620 - 10}{9.884889 - 10} = \log. 70.43$$



chs.

The distance due north from the cor. of secs. 4, 5, 8 and 9 to the N. bdy. is given by

$$70.43 \times \cos. 2^\circ 25' = \log. 70.43 + \log. \cos. 2^\circ 25' = 1.847731 + 9.999614 - 10 = 1.846345 = \log. 70.36 \text{ chs.}$$

The distance the line projected due north from the cor. of secs. 4, 5, 8 and 9 falls W. of the triangulation point on the N. bdy. is given by

$$70.43 \times \sin. 2^\circ 25' = \log. 70.43 + \log. \sin. 2^\circ 25' = 1.847731 + 9.624965 = 1.472696 = \log. 2.97 \text{ chs.}$$

The theoretical bearing of the line bet. secs. 4 and 5 is N.0° 2' W., which will add 0.04 chs. to 2.97 chs., making 3.01 chs. W. of the triangulation point to the point for closing cor. As the triangulation point is 17.06 chs. E. of the reestablished cor. of secs. 32 and 33, the closing cor. is 17.06 - 3.01 chs. E. of this cor., or 14.05 chs.

17.06

The true course and distance of the line bet. secs. 4 and 5 is N.0° 2' W., 70.36 chs., and the ¼ sec. cor. bet. secs. 4 and 5 was set by chaining S.0° 2' E., 30.36 chs. from the closing cor. of secs. 4 and 5.

Land, mountainous.
Soil, granite boulders and loose rock; 4th rate.
No timber.
Undergrowth, dense scrub oak.
Scanty grass.

From the cor. of secs. 5, 6, 31 and 32, on the S.-bdy. of the Tp., which is an iron post, described in Book "B", N.0° 3' W., bet. secs. 31 and 32.

Over rolling land, through scattering undergrowth.

Wash, course S.30° E.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

36.30
40.00

40.

Subdivision of T. 10 N., R. 5 W.

Chains.

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

$\frac{1}{4}$
 S31 | S32°
 1916

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

49.00
61.95
74.10
80.00

Wash, course S.20° W.
Telephone line, brs. N.59° E. and S.59° W.
Wash, course S.20° W.
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

10N | R5W
 S30 | S29
 S31 | S32
 1916

Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

N.89° 58' E., on a random line, bet. secs. 29 and 32.

40.00
80.00

Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 3 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence

S.89° 57' W., on a true line, bet. secs. 29 and 32.
Over rolling land, through scattering undergrowth.

37.60
40.00

Wash, course S.
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

$\frac{1}{4}$ S29
 $\frac{1}{4}$ S32
 1916

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

50.27
55.80
77.20
80.00

Telephone line, brs. N.59° E. and S.59° W.
Wash, course S.20° W.
Wash, course S.20° W.
The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

S.89° 58' W., on a random line, bet. secs. 30 and 31.

40.00
79.95

Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of Tp., 17 lks. S. of original cor. of secs. 25, 30, 31 and 36, which is a granite stone, 10x4x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.

Thence

Subdivision of T. 10 N., R. 5 W.

Chains.

3.60 S.89° 55' E., on a true line, bet. secs. 30 and 31.
 Over rolling land, through scattering undergrowth.
 8.95 Wash, course S.50° W. Asc. 45 ft. to
 Thence over rolling land.
 15.75 Road, brs. N.40° E. to Saturn Mine and S.40° W. to Congress
 Junction.
 39.35 Wash, course S.10° W.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S30
 S31
 1916

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.
 64.05 Wash, course S.10° W.
 79.95 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, mesquite and palo verde.
 Scanty grass.

29.80 N.0° 3' W., bet. secs. 29 and 30.
 Over rolling land, through scattering undergrowth.
 31.00 Wash, course S.40° W.
 40.00 Road, brs. N.75° E. and S.75° W.
 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

$\frac{1}{4}$
 S30 | S29
 1916

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, W. of cor.
 52.20 Wash, course S.20° W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 19, 20, 29 and 30, marked on
 brass cap

T10N | R5W
 S19 | S20
 S30 | S29
 1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, palo verde and mesquite.
 Scanty grass.

40.00 N.89° 57' E., on a random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.97 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
 20, 21, 28 and 29.
 Thence
 S.89° 58' W., on a true line, bet. secs. 20 and 29.
 Over rolling land, through scattering undergrowth.
 24.95 Wash, course S.

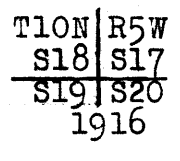
Chains.

- 31.15 Old road, brs. N. and S.
 39.98 $\frac{1}{2}$ 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
- $\frac{1}{4}$ S20
 $\frac{1}{4}$ S29
 1916
- Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 47.17 Wash, course S.20° W.
 67.27 Wash, course S.20° W.
 79.37 Wash, course S.
 79.97 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, scattering mesquite and palo verde.
 Scanty grass.
-
- 40.00 N.89° 55' W., on a random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.83 Intersect W. bdy. of Tp., 20 lks. S. off original cor. of secs. 19, 20, 29 and 30, which is a granite stone, 12 X 12 X 6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.
- Thence
 S.80° 46' E., on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.
- 20.95 Wash, course S.30° W.
 33.05 Wash, course S.60° W.
 39.83 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
 1916
- Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 79.83 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, palo verde and mesquite.
 Scanty grass.
-
- 40.00 N.0° 3' W., bet. secs. 19 and 20.
 Over rolling land, through scattering undergrowth.
 Asc. gradually.
 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
 $\frac{1}{4}$ S20
 1916
- Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 63.00 Spur, slopes S.30° W. Desc. 20 ft. to
 72.00 Gulch, course S.60° W. Asc. 65 ft. to

Subdivision of T. 10 N., R. 5 W.

Chains.
80.00

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



And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

40.00

N.89° 58' E., on a true line, bet. secs. 17 and 20.
Set temp. ¼ sec. cor.

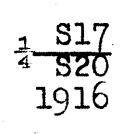
80.01

Intersect N. and S. line, 2 lks. S. of the cor. of secs. 15, 16, 20 and 21.
Thence

S.89° 57' W., on a true line, bet. secs. 17 and 20.
Over rolling land, through scattering undergrowth.
Desc. 155 ft.

40.00½

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



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

40.80

Wash, course S.20° W.

64.00

Asc. 35 ft. to

68.20

Spur, slopes S.20° W. Desc. 35 ft. to

72.91

Gulch, course S.30° W. Asc. to

80.01

The cor. of secs. 17, 18, 19 and 20.

Land, rolling.
Soil, sandy and gravelly; 3rd rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

Knowing that it will be necessary to set a closing cor. against the W. bdy. of the Tp.,

West on a true line, bet. secs. 18 and 19.
Over rolling land, through scattering undergrowth.

2.90

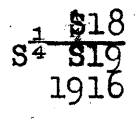
Gulch, course S.40° W. Asc. to

12.00

Desc. 50 ft. to

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



Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

79.84

Intersect W. bdy. of Tp., 0.53 chs. S. of the original cor. of secs. 13, 18, 19 and 24, which is a granite stone, 6 x 6 x 12 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,

44.

Subdivision of T. 10 N., R. 5 W.

Chains.

2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 18 and 19, marked on brass cap

T10N
R6W | R5W
 | S18
S24 | S19 - C C
 1916

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

Land, rolling.
Soil, sandy and gravelly; 3rd rate.
No timber.
Undergrowth, palo verde and mesquite.
Scanty grass.

From corner of secs. 17, 18, 19 and 20, N.0° 3' W., bet. secs. 17 and 18,

2.20
11.50
25.37
40.00

Over rolling land, through scattering undergrowth.
Head of gulch, course S.45° W. Asc. 30 ft. to
Spur, slopes S.45° W. Desc. 25 ft. to
Gulch, course S.50° W. Asc. 345 ft.

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

S18 | S17
 |
 1916

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T10N | R5W
 | S 7 | S 8
 | S18 | S17
 1916

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

Land, rolling and mountainous.
Soil, granite rocks and boulders; 4th rate.
No timber.
Undergrowth, cat claw, palo verde and mesquite.
Scanty grass.

N.89° 57' E., on a random line, bet. secs. 8 and 17.

40.00
80.00

Set temp. ¼ sec. cor.
Intersect N. and S. line, at the cor. of secs. 8, 9, 16 and 17.

Thence
S.89° 57' W., on a true line, bet. secs. 8 and 17.
Over mountainous land, through scattering undergrowth.
Desc. 430 ft. to

15.14
31.22
40.00

Gulch, course S.20° W. Asc. 205 ft. to
Spur, slopes S.30° W. Desc. 170 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S 8
S17
1916

Subdivision of T. 10 N., R. 5 W.

Chains.

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 42.49 Gulch, course S.30° W. Asc. 60 ft. to
 47.67 Spur, slopes S.30° W. Desc. 445 ft. to
 80.00 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, malpais and granite formations; 4th rate.
 No timber.
 Undergrowth, mahogany and scrub oak.
 Scanty grass.

West on a true line, bet. secs. 7 and 18.
 Over mountainous land, through scattering undergrowth.
 Desc. 175 ft. to
 9.52 Gulch, course S.40° W. Asc. to
 16.00 Spur, slopes S.50° W. Desc. 230 ft.
 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

1/4 S 7
 S18
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 51.60 Pipe line, 1½ ins. diam., brs. N.50° E. and S.50° W.
 65.11 Gulch, course S.50° W. Asc. 20 ft. to
 79.77 Intersect W. bdy. of Tp., 0.77 chs. S. of the original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 6 X 12 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., 24 ins. in the ground, for closing cor. of secs. 7 and 18, marked on brass cap

T10N
 R6W | R5W
 S13 | S 7 CC
 S18
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
 Land, mountainous and rolling.
 Soil, granite formation; 4th rate.
 No timber.
 Undergrowth, cat claw.
 Scanty grass.

From cor. of secs. 7, 8, 17 and 18,
 N.0° 3' W., bet. secs. 7 and 8.
 Over mountainous land, through scattering undergrowth.
 Asc. 55 ft. to
 5.45 Desc. 55 ft. to
 13.51 Gulch, course S.70° W. Pipe line, 1½ ins. diam., in gulch, brs. N.70° E. and S.70° W. Asc. 285 ft. to
 28.80 Spur, slopes W. Desc. 80 ft.
 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

S 7 | S 8
 1916

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

46.

Subdivision of T. 10 N., R. 5 W.

Chains.

of cor.
 40.47 Gulch, course S.50° W. Asc. 540 ft. to
 60.50 Spur, slopes S.60° W. Desc. 80 ft. to
 68.90 Asc. 45 ft. to
 74.65 Desc. 65 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 cor. of secs. 5, 6, 7
 and 8, marked on brass cap

T10N R5W
 S 6 S 5
~~S 7 S 8~~
 1916

And raise a mound of stone, 2ft. base, 1½ ft. high, W.
 of cor.
 Land, mountainous.
 Soil, granite formation; 4th rate.
 No timber.
 Undergrowth, mahogany and scrub oak.
 Scanty grass.

40.00 N.89° 57' E., on a random line, bet. secs. 5 and 8.
 Set temp. ¼ sec. cor.
 80.10 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 4, 5, 8 and 9.
 Thence
 S.89° 55' W., on a true line, bet. secs. 5 and 8.
 Over mountainous land, through dense undergrowth.
 Asc. 255 ft. to
 19.20 Weaver Mountain, brs. N.20° W. and S.20° E. Desc. 1550
 ft.
 39.31 Gulch, course S.60° W. Continue descent.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap

S 5
~~S 8~~
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N.
 of cor.
 75.50 Wash, course N.60° W. Asc. 45 ft. to
 80.10 The cor. of secs. 5, 6, 7 and 8.
 and, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub oak, cat claw and scrub mahogany.
 Scanty grass.

West on a true line, bet. secs. 6 and 7.
 Over mountainous land, through scattering undergrowth.
 Asc. 35 ft. to
 Desc. 350 ft. to
 3.95 Gulch, course S.70° W. Asc. 40 ft. to
 16.57 Spur, slopes S.70° W. Desc. 50 ft. to
 19.28 Gulch, course S.70° W. Asc. 155 ft. to
 22.02 Spur, slopes S.60° W. Desc. 220 ft.
 29.64
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for ¼ sec. cor., marked on
 brass cap

S 6
~~S 7~~
 1916

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

Chains

42.07
62.28
73.31
79.65

of cor.
 Gulch, course S.60° W. Asc. 200 ft. to
 Spur, slopes S.60° W. Desc. 235 ft. to
 Gulch, course S.60° W. Asc. 30 ft. to
 Intersect W. bdy. of Tp., 0.96 chs. S. of the original cor.
 of secs. 1, 6, 7 and 12, which is a granite stone,
 8x8x8 ins. above ground, firmly set, marked and witness-
 ed 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. 6 and 7, marked on brass cap

T10N
 R6W | R5W
 S12 | S6 CC
 S 7
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, E.
 of cor.
 Land, mountainous.
 Soil, huge granite boulders and loose rock; 4th rate.
 No timber.
 Undergrowth, scrub oak and mahogany.
 Scanty grass.

4.65
40.00

From cor. of secs. 5, 6, 7 and 8,
 N.0° 3' W., on a true line, bet. secs. 5 and 6.
 Over mountainous land, through dense undergrowth.
 Desc. 120 ft. to
 Gulch, course W. Asc. 1115 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground, in a mound of stone, for ¼ sec. cor., marked on
 brass cap

S 6 | S 5
 1916

61.45
70.50

And raise a mound of stone, 2 ft. base, 1½ ft. high, W.
 of cor.
 Weaver Mountain, brs. NW. and SE. Desc. 115 ft. to
 Intersect N. bdy. of Tp., 13.90 chs. E. of the
 cor. of secs. 31 and 32, T. 11 N., R. 5 W., 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 closing cor.
 of secs. 5 and 6, marked on brass cap

T11N | R5W
 R6W | S32
 S 6 | S 5
 T10N | R5W
 C | C
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, S.
 of cor.
 Land, mountainous.
 Soil, granite formation; 4th rate.
 No timber.
 Undergrowth, scrub oak and mahogany.
 Scanty grass.

General Description.

The south western quarter of this township consists of rolling land, covered with a scattering growth of mesquite and palo verde undergrowth; the remainder lies in the Weaver Mountains, which are strewn with granite boulders, and covered with a dense growth of scrub oak and mahogany undergrowth.

Many of the largest groups of patented mining claims in the Weaver District are in this township. The towns of Yarnell and Stanton are located in secs. 14 and 36, respectively. There is a settler in sec. 2 and one in sec. 15.

Aside from its mineral nature, this township is chiefly valuable for grazing purposes.

BOOK 3164

4-680

FIELD ASSISTANTS.
to Chas. H. Pidgeon, U.S.S.

NAMES.	CAPACITY.
Rezin E. Pidgeon.	1st Chainman.
Wm. H. Brown.	2nd Chainman.
Frank Durcher.	Moundman.
P. W. Warren.	Rodman.
B. S. Lennan.	Axeman.

148
BOOK 50 8164

for

CHAS. M. PIDGEON
CERTIFICATE OF UNITED STATES SURVEYOR.
see book "A"

I, Chas. M. Pidgeon, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 60, Arizona, bearing date of the 5th day of October, 1915, 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 Gila and Salt River Base and Meridian, in the State of Arizona, 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 Group 60, Arizona, 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, 1918.

The foregoing field notes of the survey of

executed by

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

U. S. Surveyor General.

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

U. S. Surveyor General.

4-680

FIELD ASSISTANTS.
to Theo. O. Johnston, U.S. Surveyor.

NAMES.	CAPACITY.
E. H. Ihrie,	1st Chainman,
Thos. VanderMeer,	2nd Chainman,
Stanley Bonesteele,	Flagman,
Richard Wallace,	Moundman,

CERTIFICATE OF UNITED STATES SURVEYOR.

(Applies to field notes describing surveys executed by Theodore O. Johnston, U.S. Surveyor in Books 'C', 'D', 'E', 'F', 'G', 'H', 'I' & 'J' of Group 60, Arizona.)

I, Theodore O. Johnston, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 60, Arizonabearing date of the 5th day of October, 1915, I have well, faithfully, and trulyin my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~surveyed~~ ^{retraced} all those parts or portions of the East bdy. of T. 12 N., R. 5 W., the 3rd Std. Par. N. in R. 6 W., and the Subdivision lines of T. 13 N., R. 6 W.;Resurveyed all those parts or portions of the North bdy. & Subdivision lines of T. 11 N., R. 5 W., the 3rd Std. Par. N. in R. 5 W., the East bdy. and Subdivision lines of T. 12 N., R. 5 W., the Subdivision lines of T. 13 N., R. 5 W., S. bdy. & Subdivision lines of T. 12 N., R. 6 W., and the East bdy. and Subdivision lines of T. 13 N., R. 6 W. and SURVEYED all those parts or portions of the South bdy. of T. 11 N., R. 5 W., the West bdy. & Subdivision lines of T. 10 N., R. 5 W., the West & North bdrs & Subdivision lines of T. 13 N., R. 8 W., T. 11 N., R. 5 W., and T. 14 N., R. 8 W., the West bdy. & Subdivision lines of T. 12 N., R. 5 W., the South bdy. & Subdivision lines of T. 12 N., R. 6 W., and Subdivision lines of T. 13 N., R. 5 & 6 W. of theGila & Salt River Base Meridian, in the State of Arizona, which are represented in and those in books "D", "E", "F", "G", "H", "I" and "J" and by the Date Diagrams in said books the foregoing field notes ~~as~~ ^{having been} executed by me, and under my direction; and that all the corners of said retracements, resurveys and surveyshave been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 60, Arizonaand in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~survey~~ ^{retracements, resurveys and surveys}.Theodore O. Johnston
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 8, 1918.The foregoing field notes of the ^{re-}survey of part of the South boundary ofTOWNSHIP 11 NORTH, RANGE 4 WEST, a part of the South boundary ofTOWNSHIP 11 NORTH, RANGE 5 WEST, and part of the West boundary ofTOWNSHIP 10 NORTH, RANGE 5 WEST, RETRACEMENT of part of the Westbdy. of TOWNSHIP 10 NORTH, RANGE 5 WEST and SURVEY of part of theSouth bdy. of TOWNSHIP 11 NORTH, RANGE 5 WEST, parts of the Eastand West boundaries, and all of the Subdivision lines ofTOWNSHIP 10 NORTH, RANGE 5 WESTof the Gila and Salt River Base and Meridian, in the State of Arizona,executed by Theo. O. Johnston and Chas. M. Pidgeon, U. S. Surveyors,under ~~his~~ special instructions dated Oct. 5, 1915, for Group 60, Arizona, ~~and~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys ~~and surveys~~ they describe, are hereby approved.Frank 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.