

3162

NOV 3- 1913

Book "A"

4-679

BOOK 3162

# FIELD NOTES

OF THE RETRACEMENT OF

Parts of the South Boundary, and

Parts of the Subdivision lines of

TOWNSHIP 8 NORTH, RANGE 1 WEST,

and RESURVEY of

The Gila and Salt River Meridian, thru Townships 8 North,

Second Standard Parallel North, thru parts of Range 1 West, and

A portion of the East boundary of

TOWNSHIP 8 NORTH, RANGE 2 WEST,

and SURVEY of

A portion of the Subdivision lines of

TOWNSHIP 8 NORTH, RANGE 1 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Chas. H. Fidgeon,

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

Retracement, Resurvey and Survey commenced December 16, 1915.

Retracement, Resurvey and Survey completed February 4, 1916.

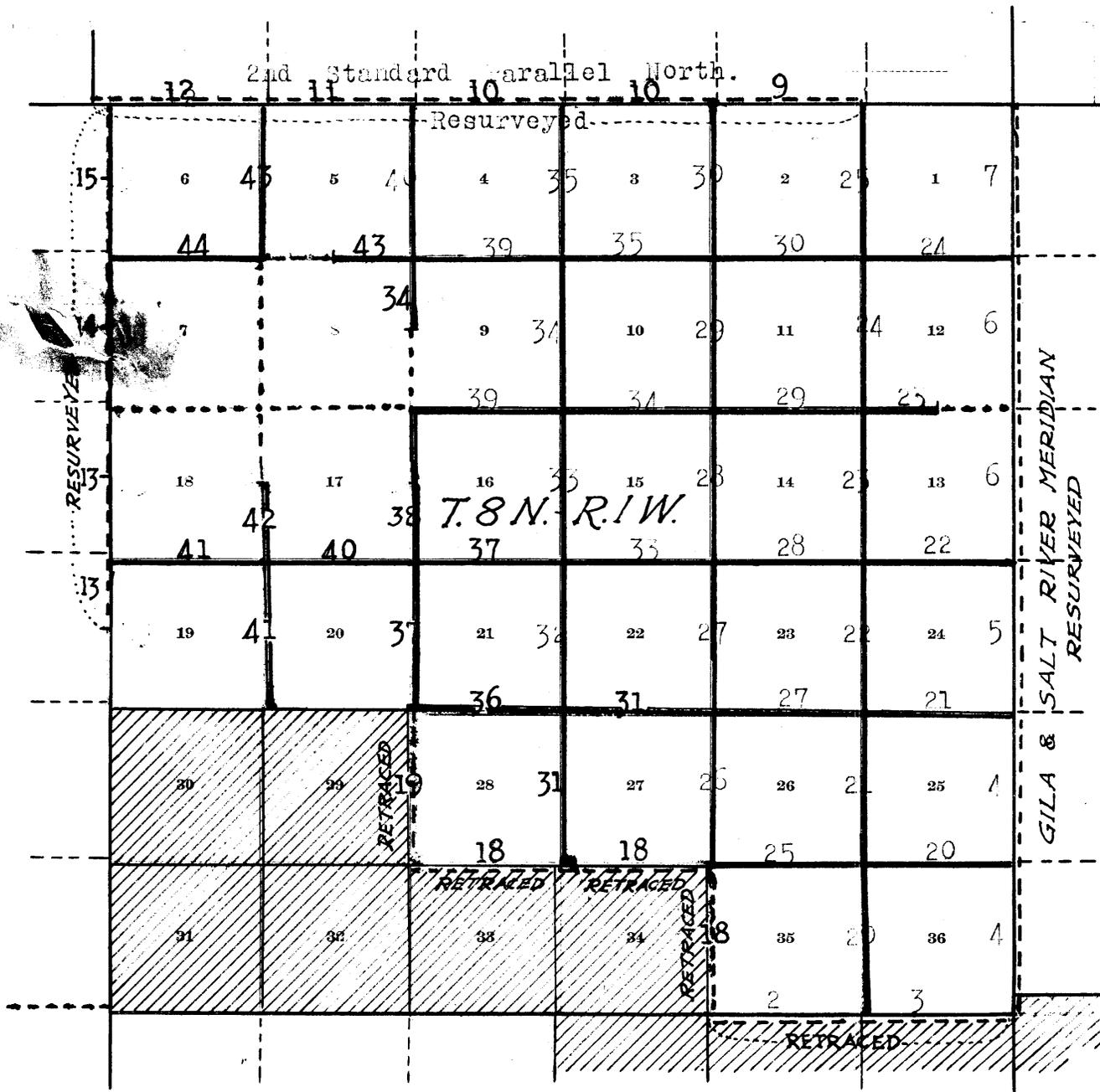
Executed under Assignment  
Instructions dated Dec. 7, 1915.

3162

Book "A"

BOOK 3162 Group 60 - - - Arizona.

### INDEX DIAGRAM.



———— Lines surveyed under this group Notes in this book. <sup>3162</sup>

----- Lines retraced or resurveyed. Notes in this book. <sup>3162</sup>

———— Accepted surveys..

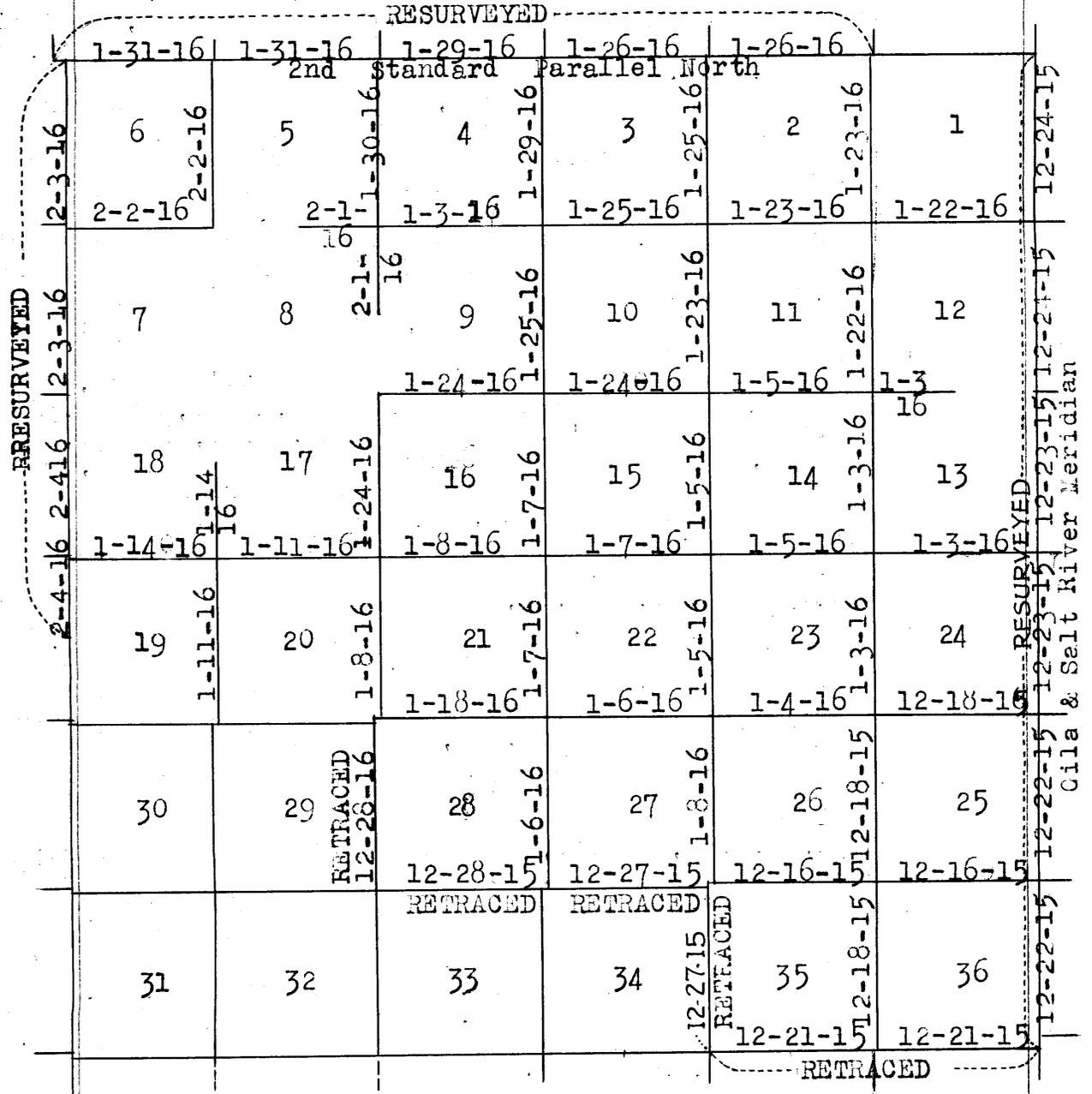
----- Unsurveyed.

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

Area surveyed under current group N° 61.

Book "A"  
 Group 60 - - - - - Arizona.  
 Township 8 North, Range 1 West.

DATE DIAGRAM.



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

## Retracements, Resurveys and Surveys Group 60.

Chains.

Retracements, Resurveys and surveys hereinafter described, executed by Charles M. Pidgeon, U. S. Surveyor, on dates shown on diagram on page 1 hereof, using Heitzler solar transit No. 52. The horizontal limb is provided with two double verniers placed opposite to each other, and 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 approved by the Assistant Supervisor of Surveys for Arizona, and California, conditional upon satisfactory field tests, December 7, 1915.

In the survey of this group, 2 and 8-chain tapes were used, vertical angles were read with a clinometer on slopes and broken ground, and the true horizontal distance was computed for each item of topography.

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

December 16, 1915: At camp, at Champie's Ranch, in the southeast quarter of sec. 22, T. 8 N., R. 1 W., in lat.  $34^{\circ} 1' N.$ ; long.  $112^{\circ} 20' W.$ , at lh. 50.5m. a.m., l.m.t., by my watch, which is set to correct local mean time, observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined on a peg driven in the ground, 10 chs. N. of station.

At 7h. 30m. a.m., l.m.t., lay off the azimuth of Polaris,  $1^{\circ} 22'$  to the east, and mark the meridian thus determined by driving a tack in a stake set in the ground 10 chs. N. of station.

At 8h. 0m. a.m., l.m.t., set off  $34^{\circ} 1' N.$  on the lat. arc;  $23^{\circ} 14\frac{1}{2}' S.$  on the decl. arc, and determine a meridian with the solar. The line thus determined deviates  $30''$  to the right of the true meridian determined by observations on Polaris at elongation.

At 3h. 0m. p.m., l.m.t., set off  $34^{\circ} 1' N.$  on the lat. arc;  $23^{\circ} 16\frac{1}{2}' S.$  on the decl. arc; and determine a meridian with the solar. The line thus determined deviates  $30''$  to the left 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  $30''$  from the true meridian established by Polaris observations; therefore, conclude that the adjustments of the instrument are satisfactory.

On January 6, 1916, an accident damaged the solar attachment; thereafter lines were projected by back and fore sights from lines previously established.

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 RETRACEMENT OF A PORTION OF THE S. BDY. OF T. 8 N., R. 1 W.

From the original cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is a malpais stone, 14x12x12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general,

S.  $89^{\circ} 58' E.$ , on a true line, bet. secs. 2 and 35.

Over mountainous land, thru scattering undergrowth.

39.12 Intersect the original  $\frac{1}{4}$  sec. cor., which is a malpais stone, 24x14x8 ins., loosely set, marked and witnessed as described by the surveyor general.

Thence,

S.  $89^{\circ} 59' E.$ , on a true line, bet. secs. 2 and 35 ( $E. \frac{1}{2}$ ).

Over mountainous land, thru scattering undergrowth.

40.64 Intersect the original cor. of secs. 1, 2, 35 and 36, which

Retracement of a portion of S. bdy. of Township 8 North, Range 1 West. 3

Chains.

is a malpais stone, 8x6x4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Land, mountainous.

Soil, granite and malpais formation, 4th rate.

No timber.

Undergrowth, catclaw, palo verde and cactus.

40.56 N. 89° 48' E., on a true line, bet. secs. 1 and 36. Over mountainous land, thru scattering undergrowth. Intersect the original  $\frac{1}{4}$  sec. cor., which is a granite stone, 36x24x24 ins., loosely set, marked and witnessed, as described by the surveyor-general.

41.28 Thence, N. 89° 53' E., on a true line, bet. secs. 1 and 36 (E.  $\frac{1}{2}$ ). Over mountainous land, thru scattering undergrowth. Intersect the original cor. of Ts. 7 and 8 N., R. 1 W. on the Gila and Salt River Meridian, which is a granite stone, 24x12x6 ins., loosely set, marked and witnessed as described by the surveyor general.

Land, mountainous.

Soil, granite and malpais formation; 4th rate.

No timber.

Undergrowth, palo verde, catclaw and cactus.

4 Resurvey of the Gila and Salt River Meridian thru T 8 N

Chains. From the original cor. of Ts. 7 and 8 N., R. 1 W., which is a granite stone, here in before described, N. 0° 6' E., on a true line on E bdy. of sec. 36. Over broken land, thru scattering undergrowth. Ascend 45 ft. to

6.40 Descend.

10.00 Intersect the closing cor. of Ts. 7 and 8 N., R. 1 W., which is a granite stone, 36x24x10 ins., in a mound of stone, marked and witnessed as described by the surveyor general.

Thence, continue measurement bet. secs. 31 and 36.

16.00 Ascend 35 ft. to

20.00 Thence along E. slope.

25.00 Descend 80 ft. to

32.00 Thence along E. slope.

39.79 From this point, the original  $\frac{1}{4}$  sec. cor., which is a porphyry stone, 12x14x4 ins., loosely set, marked and witnessed as described by the surveyor general, brs. E. 1.51 chs. dist. Destroy this cor.

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

$\frac{1}{4}$   
 S36 | S31  
 1915

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

43.00 Cow Creek, course SE. Ascend 200 ft.

79.57 From this point, the original cor. of secs. 25, 30, 31 and 36, which is a porphyry stone, 16x6x16 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general, brs. E. 1.83 chs. dist. Destroy this cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 18 ins. in the ground, on bedrock, in a mound of stone, for reestablished cor. of secs. 25, 30, 31 and 36, marked on brass cap,

T8N  
 RLW | R1E  
 S25 | S30  
 S36 | S31  
 1915

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

Land, broken.  
 Soil, granite and malpais formation, 4th rate.  
 Timber, none.  
 Undergrowth, palo verde, cactus and catclaw.

-----

N. 0° 6' E., on a true line, bet. secs. 25 and 30. Over mountainous land, thru scattering undergrowth. Descend 75 ft. to

8.00 Gulch, course SE. Ascend 65 ft. to

16.00 Descend 80 ft. to

23.35 Ascend 135 ft. to

37.40 Descend 80 ft.

39.17 From this point, the original  $\frac{1}{4}$  sec. cor., which is a malpais stone, 12x14x6 ins., above ground, firmly set, marked and witnessed as described by the surveyor general, brs. E. 1.42 chs. dist. Destroy this cor.

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

Resurvey of The Gila and Salt River Meridian Through T<sub>s</sub>. 8 North 5.

Chains.



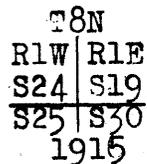
44.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Wash, course E.

55.10 Wash, course E. Asc. 175 ft.

78.87 From this point, the original cor. of secs. 19, 24, 25 and 30, which is a malpais stone, 18 X 12 X 12 ins., loosely set, marked and witnessed as described by the Surveyor-General, brs. E. 1.31 chs. dist. I destroy this cor.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., on solid rock, in a mound of stone, for reestablished cor. of secs. 19, 24, 25 and 30, 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.

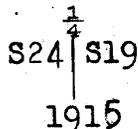
No timber.

Undergrowth, cat claw, palo verde and cactus.

N.0° 6' E., on a true line, bet. secs. 19 and 24. Over mountainous land, through scattering undergrowth. Asc. 475 ft. to

38.48 Spur, slopes E. From this point, the original ¼ sec. cor., which is a malpais stone, 5 X 12 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, brs. E. 0.10 chs. dist. I destroy this cor. Desc. 610 ft.

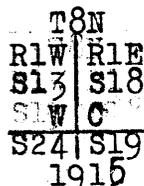
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, on bed rock, for reestablished ¼ sec. cor., marked on brass cap



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

From this point, the original cor. of secs. 13, 18, 19 and 24, which is a granite stone, 12 X 10 X 3 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, brs. W. 0.35 chs. dist. I destroy this cor.

78.05 Right bank of Humbug Creek, brs. NW. & SE. Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground, for witness cor. to reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap



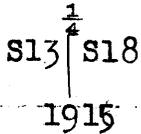
80.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

The true point for reestablished cor; of secs. 13, 18, 19

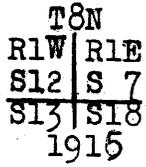
6. Resurvey of The Gila and Salt River Meridian Through Twp. 8 North Chains.

and 24 falls in Humbug Creek, course SE.  
Land, mountainous.  
Soil, granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus and palo verde.

3.64 From the true point for reestablished cor. of secs. 13, 18, 19 and 24, N.0° 6' E., on a true line, bet. secs. 13 and 18. Over mountainous land, strewn with huge granite boulders, along W. slope, through scattering undergrowth. Across Humbug Creek, course SE. Left bank of Humbug Creek, brs. NW. and SE. Asc. 215 ft. to  
12.00 Desc. 60 ft. to  
13.50 Asc. 215 ft.  
28.42 Old quartz mine on line.  
36.96 From this point, the original  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 18, which is a malpais stone, 6 X 12 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, brs. W. 0.62 chs. dist. I destroy this cor.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
46.30 Desc. 85 ft. to  
53.70 Asc. 105 ft. to  
57.30 Desc. 210 ft. to  
68.65 Asc. 70 ft.  
77.07 From this point, the original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 6 X 14 X 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, brs. W. 0.84 chs. dist. I destroy this cor.  
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 7, 12, 13 and 18, 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.  
Undergrowth, cat claw, cactus, and palo verde.

N.0° 6' E., on a true line, bet. secs. 7 and 12.  
Over mountainous land, strewn with granite boulders, along W. slope, through scattering undergrowth.  
13.00 Desc. 55 ft. to  
26.00 Asc. 185 ft. to  
Desc. 45 ft. to

Resurvey of The Gila and Salt River Meridian Through Tp. 8 North. 7.

Chains.  
 34.00 Gulch, course SW. Thence along E. slope, ascending 500 ft.  
 36.86 From this point, the original  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12,  
 which is a porphyry, 30 X 12 X 6 ins. above ground,  
 loosely set, marked and witnessed as described by the  
 Surveyor-General, brs. 0.10 chs. W. I destroy this cor.  
 40.00 Set an iron post, 3 ft. long, 2 in. diam., 26 ins. in the  
 ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass  
 cap

$\frac{1}{4}$   
 S12 | S 7  
 1915

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W.  
 of cor.  
 63.48 Intersect line 2-3, El Pero Bonito Mining Claim, Survey  
 No. 1520, Humbug Mining District, 11.47 chs. S. 59 $\frac{1}{4}$ ° W.  
 of cor. No. 2. Thence across claim.  
 65.00 Desc. along E. slope, 190 ft. to  
 72.45 Gulch, course SE. Comes from NE. Asc. 135 ft.  
 74.07 Intersect line 1-4 El Pero Bonito Mining Claim, 6.04 chs.  
 S. 59 $\frac{1}{4}$ ° W. of cor. No. 1. Leave claim.  
 76.23 From this point, the original cor. of secs. 1, 6, 7 and 12,  
 which is a porphyry stone, 28 X 16 X 6 ins., set in a  
 mound of stone, brs. E. 0.35 chs. dist. I destroy this  
 cor.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
 ground, for reestablished cor. of secs. 1, 6, 7 and 12,  
 marked on brass cap

T8N  
 RLW | RLE  
 S 1 | S 6  
 S12 | S 7  
 1915

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W.  
 of cor.  
 From this cor., cor. No. 1 El Pero Bonito Mining Claim brs.  
 S. 61° 13' E., 5.91 chs. dist.  
 Land, mountainous.  
 Soil, granite boulders, 4th rate.  
 No timber.  
 Undergrowth, cat claw, palo verde and cactus.

N. 0° 6' E., on a true line, bet. secs. 1 and 6.  
 Along E. slope, over mountainous land, strewn with granite  
 boulders, through scattering undergrowth.  
 Asc. 45 ft. to  
 7.75 Desc. 175 ft. to  
 19.65 Asc. 45 ft. to  
 27.65 Desc. 75 ft. to  
 35.89 From this point, the original  $\frac{1}{4}$  sec. cor. bet. secs. 1 and  
 6, which is a granite stone, 5 X 14 X 16 ins. above  
 ground, firmly set, marked and witnessed as described  
 by the Surveyor-General, brs. W. 0.25 chs. dist. I  
 destroy this cor.  
 38.00 Gulch, course S. 20° E. Comes from N. Asc. 210 ft. in  
 gulch.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass  
 cap

$\frac{1}{4}$   
 S 1 | S 6  
 1915

8. Resurvey of The Gila and Salt River Meridian Through Tp. 8 North.

Chains.

69.00  
76.06

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

Leave gulch, course S. Comes from NW. Continue ascent to The original cor. of Ts. 8 and 9 N., Rs. 1 E. and 1 W., at intersection with 2nd. Standard Parallel N., with the Gila and Salt River Meridian, which is a granite stone 6x12x5 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.

Land, mountainous. Soil, granite boulders, 4th rate.

Timber, none.

Undergrowth, cat claw, cactus and palo verde.

Resurvey of a Portion of the 2nd Std. Par. North Through R. 1 West. 9.

Chains.

I begin at a point on the tangent, 1 lk. S. of the original standard cor. of secs. 35 and 36, T. 9 N., R. 1 W., which is a granite stone, 15 X 11 X 25 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.

Thence

S. 89° 59' W., on the tangent, S. of sec. 35.  
Over mountainous land, through scattering undergrowth.  
Asc. 70 ft. to

5.10

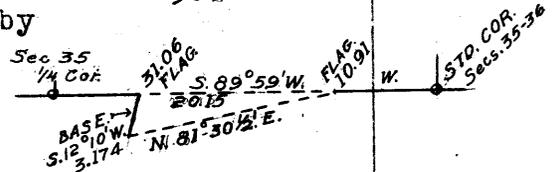
Ridge, brs. N. 50° E. and S. 50° W. Desc. 565 ft.

10.91

Impracticable to chain from this point. I triangulate as follows:

Set a flag ahead on line, the vertical angle to which is -24½°. From this point, I measure the longest base possible, S. 12° 10' W., 3.174 chs., from the S. end of which flag at the 10.91 ch. point brs. N. 81° 30½' E. The distance triangulated is given by

$$\frac{3.174 \times \sin. 69^{\circ} 20\frac{1}{2}'}{\sin. 8^{\circ} 28\frac{1}{2}'}$$



$$\log. 3.174 = .501607$$

$$\log \sin. 69^{\circ} 20\frac{1}{2}' = 9.971137-10$$

$$\frac{.472744}{.304312}$$

$$\log. \sin. 8^{\circ} 28\frac{1}{2}' = 9.168432-10$$

$$= \log. 20.15 \text{ chs.}, \text{ which}$$

31.06

added to 10.91 chs., gives Spur, slopes S. Right bank of Humbug Creek, course S. Desc. 95 ft. to

40.00

Diligent search failed to reveal any trace of the original standard ¼ sec. cor. The true point for reestablished ¼ sec. cor. falls on steep, shelving slope, covered with loose boulders, where cor. cannot be securely established. Asc.

45.00

N. 2 lks. from the tangent, Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to reestablished standard ¼ sec. cor., marked on brass cap

S C  
¼ S 35 WC  
1916

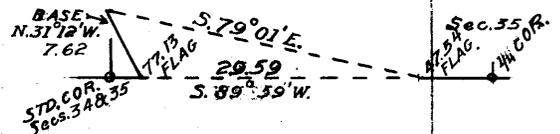
47.54

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

Impracticable to chain from this point. I triangulate across branch of Humbug Creek, at about 50. chs., as follows:

Set a flag ahead on line, the vertical angle to which is +11½°, and from that point, measure the longest base possible, N. 31° 12' W., 7.62 chs., from the N. end of which the flag at the 47.54 ch. point brs. S. 79° 01' E. The distance triangulated is given by

$$\frac{7.62 \times \sin. 47^{\circ} 49' }{\sin. 11^{\circ}}$$



$$\log. 7.62 = .881955$$

$$\log. \sin. 47^{\circ} 49' = 9.869818-10$$

$$\frac{.751773}{.471174}$$

$$\log. \sin. 11^{\circ} = 9.280599-10$$

$$= \log. 29.59 \text{ chs.},$$

77.13

which added to 47.54 chs., gives Top of ridge, brs. N. and S. Desc. 50 ft. to

80.00

Diligent search failed to reveal any trace of the original standard sec. cor. N. 3 lks. from the tangent, set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 34 and 35, marked on brass cap

10. Resurvey of a Portion of the 2nd Std. Par. North Through R<sup>1</sup> W.

Chains.

S	C
T9N	R1W
S34	S35
1916	

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

7.18  
 23.42  
 29.29  
 40.00

S.89° 59' W., on the tangent, S. of sec. 34.  
 Over mountainous land, through scattering undergrowth.  
 Asc. 115 ft. to  
 Spur, slopes S. Desc. 190 ft. to  
 Gulch, course S. Asc. 110 ft. to  
 Spur, slopes S. Desc. 180 ft.  
 Diligent search failed to reveal any trace of the original standard ¼ sec. cor. N. 4 lks. from the tangent,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard ¼ sec. cor., marked on brass cap

S	C
¼S34	
1916	

44.71  
 70.80  
 77.90  
 80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Gulch, course S. Asc. 310 ft. to  
 Ridge, brs. N. and S. Desc. 170 ft. to  
 Gulch, course S. Asc. 80 ft. to  
 Diligent search failed to reveal any trace of the original standard sec. cor. N. 6 lks. from the tangent,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 33 and 34, marked on brass cap

S	C
T9N	R1W
S33	S34
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, none.  
 Undergrowth, cat claw, cactus and palo verde.

7.25  
 13.75  
 22.85  
 31.17  
 36.07  
 40.00

S.89° 58' W., on the tangent, S. of sec. 33.  
 Over mountainous land, through scattering undergrowth.  
 Asc. 125 ft. to  
 Spur, slopes SE. Thence along S. slope.  
 Spur, slopes S. Desc. 195 ft. to  
 Cow Creek, course S. Asc. 85 ft. to  
 Desc. to  
 Gulch, course S.10° E. Asc. 225 ft.  
 Diligent search failed to reveal any trace of the original standard ¼ sec. cor. N. 8 lks. from the tangent,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard ¼ sec. cor., marked on brass cap

## Resurvey of a Portion of The 2nd Std. Par. North Through R. 1 W. 11

Chains.

S C  
~~1833~~  
 1916

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 48.30 Spur, slopes S.  $10^\circ$  E. Desc. 155 ft. to  
 53.40 Ravine, course S. Asc. 20 ft. to  
 56.17 Spur, slopes S.  $20^\circ$  E. Desc. 15 ft. to  
 57.58 Ravine, course S.  $45^\circ$  E. Asc. 275 ft. to  
 66.14 Spur, slopes S.  $20^\circ$  E. Thence along S. slope to  
 74.07 Ridge, brs. N.  $30^\circ$  W. and S.  $30^\circ$  E. Desc. 180 ft. to  
 80.00 Diligent search failed to reveal any trace of the original standard cor. of secs. 32 and 33. N. 11 lks. from the tangent,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 32 and 33, marked on brass cap

S C  
 T9N | R1W  
~~S32 | S33~~  
 1916

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, none.  
 Undergrowth, cat claw, palo verde and cactus.

S.  $89^\circ 58'$  W., on the tangent, S. of sec. 32.  
 Over mountainous land, through scattering undergrowth.  
 Desc. 125 ft. to  
 6.94 Gulch, course S.  $50^\circ$  W. Asc. 70 ft. to  
 10.47 Spur, slopes S.  $50^\circ$  W. Desc. 165 ft. to  
 33.25 Gulch, course S.  $45^\circ$  W. Asc. 70 ft.  
 40.00 Diligent search failed to reveal any trace of the original standard  $\frac{1}{4}$  sec. cor. N. 14 lks. from the tangent,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
~~1832~~  
 1916

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 41.51 Spur, slopes S.  $40^\circ$  W. Desc. 195 ft. to  
 49.34 French Creek, water in holes, course S.  $20^\circ$  W. Asc. 225 ft. to  
 59.50 Desc. 45 ft. to  
 63.34 Asc. 165 ft. to  
 70.63 Spur, slopes E. Desc. 135 ft. to  
 80.00 Gulch, course S. Diligent search failed to reveal any trace of the original standard cor. of secs. 31 and 32. N. 17 lks. from the tangent,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 31 and 32, marked on brass cap

12. Resurvey of a Portion of The 2nd Std. Par. North Through R. 1 W.

Chains.

S	C
T9N	R1W
S31	S32
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, none.  
 Undergrowth, cat claw, palo verde and cactus.

3.82  
 7.75  
 10.70  
 17.24  
 21.03  
 23.42  
 40.00

S.89° 57' W., on the tangent, S. of sec. 31.  
 Over mountainous land, through scattering undergrowth.  
 Asc. 70 ft. to  
 Spur, slopes S. Desc. 55 ft. to  
 Asc. 30 ft. to  
 Desc. to  
 Gulch, water in holes, course S. Asc. 20 ft. to 6 ft.  
 Desc. 15 ft. to  
 Gulch, water in holes, course S.70° E. Asc. 170 ft.  
 Diligent search failed to reveal any trace of the original standard ¼ sec. cor. N. 21 lks. from the tangent.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard ¼ sec. cor., marked on brass cap

S	C
1S31	
1916	

41.48  
 46.03  
 75.30  
 80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Spur, slopes N. Desc. 70 ft. to  
 Gulch, course N. From this point, frame shack brs. S. about 3 chs. dist., and round corral brs. N. about 2 chs. dist. Asc. 90 ft. to  
 Top of ridge, brs. N. and S. From this point, the original standard cor. of Ts. 9 N., Rs. 1 and 2 W., which is a stone, marked and witnessed as described by the Surveyor-General, brs. S. 2.16 chs. dist. As the tangent is 25 lks. S. of the standard parallel at this point, the cor. is 2.41 chs. S. of the resurveyed standard. I destroy this cor.  
 N. 25 lks. from the tangent,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of Ts. 9 N., Rs. 1 and 2 W., marked on brass cap

S	C
T9N	
R2W	R1W
S36	S31
1916	

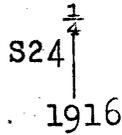
And raise a mound of stone, 2 ft. base, 1½ ft. high; N. of cor.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, none.  
 Undergrowth, cat claw, cactus and palo verde.

Resurvey of a Portion of the East Boundary of T. 8 N., R. 2 W. 13.

Chains.

I begin at the  $\frac{1}{4}$  sec. cor. of sec. 24, originally established as corner to secs. 19 and 24, which is a granite stone, 6 X 12 X 14 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I reestablish this cor. in the same place as follows:

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



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

Thence

N.0° 3' E., on a true line, along the E. bdy. of sec. 24. (N½)  
Over mountainous land, through scattering undergrowth.

Asc. 165 ft. to

6.80 Spur, slopes W. Desc. 195 ft. to

30.80 Gulch, course SW. Asc. 100 ft. to

36.40 Desc. 65 ft. to

39.84 Diligent search in this vicinity failed to reveal any trace of the original sec. cor. The true point for reestablished cor. of secs. 13, and 18, falls on a boulder where it cannot be established.

The true course and distance of this half mile are therefore N.0° 3' E., 39.84 chs.

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

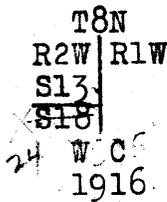
Undergrowth, cat claw, cactus and palo verde.

From the true point for reestablished cor. of secs. 13 and 18,

N.0° 3' E., on a true line, along the E. bdy. of sec. 13.  
Over mountainous land, through scattering undergrowth.

Along E. slope.

0.80 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for witness cor. to reestablished cor. of secs. 13, and 24, marked on brass cap



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

2.25 Canyon, water in holes, course S.20° W. Thence along E. slope above main branch of canyon. Asc. 235 ft. to

27.00 Desc. 65 ft. to

31.40 Canyon, water in holes, course S.60° E. Asc. 230 ft., over cliffs.

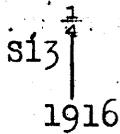
34.60 Point of spur, slopes W. Desc. 90 ft. to

39.84 ~~Intersect~~ original  $\frac{1}{4}$  sec. cor. bet. secs. 13 & 18, which is a granite stone, 5 X 9 X 20 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I reestablish this cor. in the same place as follows:-

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 13, marked on brass cap.

14. Resurvey of a Portion of the East Boundary of T. 8 N., R. 2 W.

Chains.



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

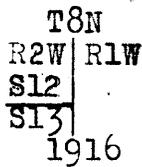
The true course and distance of this half mile are shown as N. 0° 9' E., 35.84 chs.

From the reestablished 1/4 sec. cor. of sec. 13. N. 0° 9' E., on a true line, along the E. bdy. of sec. 13. (N. 1/2). Along E. slope.

6.10 Canyon, water in holes, course S. 40° E. Comes from N. 22.90 Leave canyon, course S. Comes from N. 40° E. Asc. 155 ft. to

40.22 Intersect original cor. of secs. 7, 12, 13 & 18, which is a granite stone, 12 x 12 x 20 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I reestablish this cor. in the same place as follows:-

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 12 and 13, marked on brass cap.



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

The true course and distance of this half mile are shown as N. 0° 4' E., 40.22 chs.

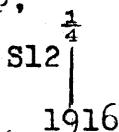
Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, cat claw, cactus and palo verde.

N. 0° 4' E., on a true line, along the E. bdy. of sec. 12. Over mountainous land, through scattering undergrowth. Asc. 160 ft. to

10.25 East side of top of butte. Desc. 230 ft. to 20.40 Ravine, course N. 50° W. Asc. 65 ft. to 24.60 Spur, slopes W. Desc. 65 ft. to 28.05 Ravine, course W. Asc. 60 ft. to 31.25 Point of spur, slopes W. Desc. 45 ft. to 33.75 Ravine, course S. 60° W. Asc. 185 ft. to 39.97

Intersect original 1/4 sec. cor. of secs. 7 and 12, which is a granite stone, 6 x 12 x 14 ins. above ground, firmly set marked and witnessed as described by the Surveyor-General. I reestablish this cor. in the same place as follows:-

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

The true course and distance of this half mile are shown as

Resurvey of a Portion of The East Boundary of T. 8 N., R. 2 W. 15.

CHAINS.

15.95  
20.28  
38.17  
  
38.20

From the reestablished  $\frac{1}{4}$  sec. cor. of sec. 12, I offset W. 5.19 chs., descending 100 ft., and run North on offset line in sec. 12. Asc. 160 ft. to Spur, slopes S. 25° W. Desc. 30 ft. to Head of ravine, course S. 60° W. Asc. 315 ft. to From this point, the original witness cor. to cor. of secs. 1, 6, 7 and 12, which is a malpais stone, 14 X 12 X 4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, brs. E. 5.36 chs. dist. I destroy this cor. From this point, I offset East 5.19 chs., and Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished witness cor. to cor. of secs. 1 and 12, marked on brass cap

T8N  
R2W | R1W  
W C  
S 1  
SI2  
1916

40.00

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence continue measurement, North on true line on E. bdy. of sec. 12. The true point for reestablished cor. of secs. 1 and 12 falls on shelving rock where it cannot be established. The true course and distance of this half mile are shown as North 40.00 chs.

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

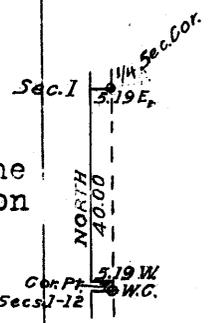
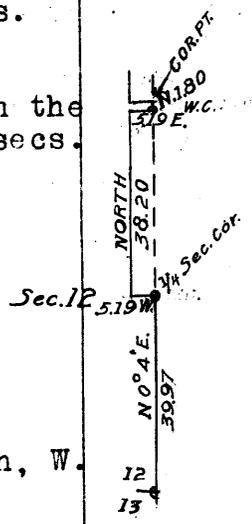
4.30  
25.15  
26.50  
32.40  
36.05  
40.00

From the true point for reestablished cor. of secs. 1 and 12, I offset West 5.19 chs., and run North on offset line, through sec. 1. Over mountainous land, through scattering undergrowth. Asc. 125 ft. to Spur, slopes W. Desc. 90 ft. to Asc. 40 ft. to Desc. 70 ft. to Asc. 15 ft. to Desc. 85 ft. From this point, I offset East 5.19 chs., and Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 1, marked on brass cap,

S 1  
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original  $\frac{1}{4}$  sec. cor. The true course and distance of this half mile are shown as North 40.00 chs.

Continue



16. Resurvey of a Portion of The East Boundary of T. 8 N., R. 2 W.

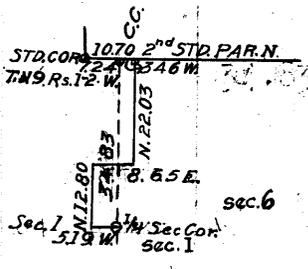
Chains.

3.60  
12.80

North on offset line, 5.19 chs. W. of the reestablished  $\frac{1}{4}$  sec. cor. of sec. 1.  
 Desc. 40 ft. to Gulch, course W. Asc. 185 ft. to  
 From this point, I offset East 8.65 chs., ascending 140 ft. to 3.50 chs., and descending 30 ft. to 8.65 chs., Thence North, 22.03 chs. on offset line in sec. 6, descending 180 ft.  
 North on east slope of ridge, 3.46 chs. E. of the E. bdy. of sec. 1, to intersection of offset line with 2nd Std. Par N.  
 Thence West on 2nd Std. Par N., 3.46 chs. to the point on same where  
 the range lines projected would intersect, said point being 34.83 chs. N. of the reestab.  $\frac{1}{4}$  sec. cor. of sec. 1 and north, 7.24 chs. E. of the reestablished standard cor. of Ts. 9 N., Rs. 1 and 2 W., which is an iron post, hereinbefore described.  
 At such point of intersection, set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for closing cor. of Ts. 8 N., Rs. 1 and 2 W., marked on brass cap.

T9N R1W  
 S31  
 S 1 S 6  
 R2W R1W  
 C C  
 1916

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, none.  
 Undergrowth, cat claw, cactus and palo verde.  
 The true course and distance of this half mile are therefore North 34.83 chs.



Retracement of portion of subdivision lines in T.8 N., R.1 W. 17

Chains.

From the original cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described,  
 N. 0° 1' E., on a true line, bet. secs. 34 and 35.  
 Over mountainous land, thru. scattering undergrowth.

39.54 Intersect the original  $\frac{1}{4}$  sec. cor., which is a granite stone 4x14x20 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence,  
 N. 0° 5' E. on a true line, bet. secs. 34 and 35 (N.  $\frac{1}{2}$ )

40.13 Intersect the original cor. of secs. 26, 27, 34 and 35, which is a granite stone, 12x20x10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

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

From the original cor. of secs. 26, 27, 34 and 35, hereinbefore described,  
 N. 89° 51' W., on a true line, bet. secs. 27 and 34.  
 Over mountainous land, thru. scattering undergrowth.

40.32 Intersect the original  $\frac{1}{4}$  sec. cor., which is a porphyry, 16x10x8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Thence,  
 N. 89° 51' W., bet. secs. 27 and 34, (W.  $\frac{1}{2}$ ).

40.33 Intersect the original cor. of secs. 27, 28, 33 and 34, which is a granite stone, 7x16x16 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

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

From the original cor. of secs. 27, 28, 33 and 34, hereinbefore described,  
 N. 89° 58' W., on a true line, bet. secs. 28 and 33.  
 Over mountainous land, thru. scattering undergrowth.

39.62 Intersect the original  $\frac{1}{4}$  sec. cor., which is a granite stone, 16x16x16 ins. set in a mound of stone, marked and witnessed as described by the surveyor general.

Thence,  
 N. 89° 37' W., on a true line, bet. secs. 28 and 33 (W.  $\frac{1}{2}$ ).

40.23 Intersect the original cor. of secs. 28, 29, 32 and 33, which is a granite stone, 20x12x6 ins., set in a mound of stone marked and witnessed as described by the surveyor general.

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

From the original cor. of secs. 28, 29, 32 and 33, hereinbefore described,  
 N. 0° 6' E., on a true line, bet. secs. 28 and 29.  
 Over mountainous land, thru. scattering undergrowth.

39.71 Intersect the original  $\frac{1}{4}$  sec. cor., which is a malpais stone, 12x6x4 ins., set in a mound of stone, marked and witnessed as described by the surveyor general.

Thence,  
 N. 0° 8' E., on a true line, bet. secs. 28 and 29 (N.  $\frac{1}{2}$ ).

39.87 Intersect the original cor. of secs. 20, 21, 28 and 29, which is a granite stone, 16x16x10 ins., set in a mound of stone, marked and witnessed, as described by the surveyor general.

18. Retracement of a portion of Subdivision lines of T.8 N., R.1 W.

Chains.

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

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Township 8 North, Range 1 West.

Boundaries of that portion of Township 8 North, Range 1 West, subdivided under this Group.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	S.89°53'W.	41.28		.08		41.28
	S.89°48'W.	40.56		.14		40.56
	N.89°59'W.	40.64	.01			40.64
	N.89°58'W.	39.12	.02			39.12
Subdivisional boundary	N.0° 1'E.	39.54	39.54		.01	
	N.00° 5'E.	40.13	40.13		.06	
	N.89° 51'W.	80.65	.20			80.65
	N.89° 58'W.	39.62	.02			39.62
	N.89° 57'W.	40.23	.27			40.23
	N.0° 6' E.	39.71	39.71		.07	
	N.0° 8'E.	39.87	39.87		.09	
	N.89° 59'W.	80.14	.02			80.14
West boundary,	North,	42.00	42.00			
	N.0° 3' E.	79.68	79.68		.07	
	N.0° 9'E.	40.22	40.22		.10	
	N.0° 4'E.	39.97	39.97		.05	
	North,	114.83	114.83			
North boundary (2nd, Std. Par. N)	East,	472.76			472.76	
East boundary,	S.0° 6'W.	476.06		476.06		.93
Convergency,					.41	
Totals,			476.49	476.28	473.62	474.11
			476.28			473.62
Error in latitude,-----					.21	
Error in departure,-----					.49	

20. Subdivision of portion of Township 8 North, Range 1 West.

Chains.

From the reestablished cor., of secs. 25, 30, 31 and 36, on the Gila and Salt River Meridian, hereinbefore described, West, on a true line, bet. secs. 25 and 36.

Over mountainous land, thru scattering undergrowth. Ascend 190 ft. to

24.20 Descend 275 ft. to

28.05 Ascend 30 ft. to

30.00 Descend 65 ft. to

34.00 Cow Creek, water in holes, course S. 20° E. Ascend 125 ft.

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

1/4 S 25  
S 36  
1915

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

43.45 Ascend 155 ft.

63.25 Road, brs. N. 60° W. to Columbia Mine, and S. 60° E. to Phoenix.

63.70 Descend 50 ft. to

67.70 Ascend 30 ft. to

71.65 Ridge, brs. N. and S. Descend 20 ft. to

73.85 Ascend 20 ft. to

77.90 Descend 40 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, on bedrock, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T8N R1W  
S26 S25  
S35 S36  
1915

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, mesquite, catclaw, cactus and palo verde.

S. 0° 5' W., on a true line, bet. secs. 35 and 36.

Over mountainous land, thru scattering undergrowth.

Ascend 85 ft. to

15.05 Top of malpais butte, brs. W 1 ch. dist.; descend 235 ft. to

34.05 Gulch, course S. 10° W. Ascend 25 ft. to

36.25 Descend 35 ft.

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

1/4 S35 S36

1915

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

42.55 French Creek, course S. 45° E. Ascend 200 ft. to

74.85 Spur, slopes S. 20° E. Descend 60 ft. to

80.29 Intersect S. bdy. of Tp., 1.82 chs. N. 89° 48' E. of the original cor. of secs. 1, 2, 35 and 36, hereinbefore described.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 35 & 36, marked on brass cap,

Subdivision of a Portion of T. 8 N. R. 1 W. 21.

Chains.

T8N	R1W
S35	S36
C	C

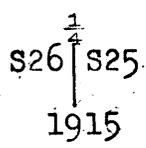
1915

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

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

16.07  
24.45  
29.28  
30.20  
40.00

From the cor. of secs. 25, 26, 35 and 36, N.0° 5' E., bet. secs. 25 and 26. Over mountainous land, through scattering undergrowth. Asc. 150 ft. to Cavaness' House brs. N.34° 52' E. Desc. 35 ft. to Asc. 80 ft. to Granite ridge, brs. E. and W. Desc. 130 ft. Cavaness' House brs. N.87° 30' E. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on bed rock, in a mound of stone, for ¼ sec. cor., marked on brass cap



42.00  
47.50  
57.70  
58.60  
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Asc. 90 ft. to Desc. 80 ft. to Asc. 20 ft. to Desc. 55 ft. to Cow Creek, water in holes, course S.30° E. Road, brs. N.30° W., to Columbia Mine, and S.30° E. to Phoenix. Asc. 435 ft. to Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on bed rock, in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap

T8N	R1W
S23	S24
S26	S25

1915

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

40.00  
79.87

East on a random line, bet. secs. 24 and 25. Set temp. ¼ sec. cor. Intersect Gila and Salt River Meridian, 12 lks. S. of the reestablished cor. of secs. 19, 24, 25 and 30, which is an iron post, hereinbefore described. Thence S.89° 55' W., on a true line, bet. secs. 24 and 25. Over mountainous land, through scattering undergrowth. Desc. 20 ft. to Asc. 185 ft. to

22. Subdivision of a Portion of T. 8 N. R. 1 W.

Chains.  
 15.25 Desc. 255 ft. to  
 26.90 Cottonwood Creek, water 3 ft. wide, 3 ins. deep, course S.30° E. Asc. 260 ft.  
 30.00 House brs. N. 3.60 chs. dist.  
 39.93½ Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, on bed rock, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$  S24  
 $\frac{1}{4}$  S25  
 1915

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

64.30 Desc. 45 ft. to  
 67.20 Asc. 135 ft. to  
 79.87 The cor. of secs. 23, 24, 25 and 26.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, cat claw, cactus and palo verde.

N.0° 5' E., bet. secs. 23 and 24.  
 Over mountainous land, through scattering undergrowth.  
 2.20 Asc. 20 ft. to  
 2.20 Desc. 200 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

$\frac{1}{4}$   
 S23 | S24  
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Asc. 140 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground, on bed rock, in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

T8N | R1W  
 S14 | S13  
 S23 | S24  
 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, cat claw, cactus and palo verde.

N.89° 55' E., on a random line, bet. secs. 13 and 24.  
 40.00 Set temp. ¼ sec. cor.  
 79.93 Intersect Gila and Salt River Meridian, 11 lks. N. of the true point for reestablished cor. of secs. 13, 18, 19 and 24, from which the witness cor. to reestablished cor. of secs. 13, 18, 19 and 24, brs. S.0° 6' W., 1.95 chs. dist.  
 From the true point for cor. of secs. 13, 18, 19 and 24, West on a true line, bet. secs. 13 and 24.  
 Over mountainous land, through scattering undergrowth.  
 1.00 Leave Humbug Creek, course SE.  
 3.00 Gulch, 1 ch. wide, course N. Asc. 335 ft. to

Subdivision of a Portion of T. 8 N., R. 1 W. 23.

Chains.

33.80 Ridge, brs. N. and S. Desc. 95 ft.  
39.96 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 S13  
1/4 S24  
1916

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

44.00 Gulch, course S. Asc. 110 ft. to  
60.40 Ridge, brs. N. and S. Desc. 200 ft. to  
71.90 Cottonwood Creek, water in holes, course S.25° W. Asc. 130 ft. to  
79.93 The cor. of secs. 13, 14, 23 and 24.

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

8.82 N.0° 5' E., bet. secs. 13 and 14.  
15.22 Over mountainous land, through scattering undergrowth. Desc. 110 ft. to  
16.95 Cottonwood Creek, course E. Thence along E. slope to  
33.14 Cottonwood Creek, course S.20° W. Asc. to  
40.00 Desc. 30 ft. to  
Cottonwood Creek, course S.20° E. Thence along W. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

1  
S14 | S13  
1916

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

41.50 Cottonwood Creek, course S.75° W. Asc. 100 ft. to  
60.90 Desc. 20 ft. to  
63.90 Asc. 55 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

T8N | R1W  
S11 | S12  
S14 | S13  
1916

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

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

5.32 East on a true line, bet. secs. 12 and 13.  
10.45 Over mountainous land, through scattering undergrowth. Desc. 95 ft. to  
15.90 Cottonwood Creek, course S. Asc. 70 ft. to  
19.45 Desc. 30 ft. to  
26.84 Asc. 30 ft. to  
39.50 Desc. 145 ft. to  
40.00 Gulch, course S. Asc. 195 ft.  
Trail, brs. N. to Phoenix and S. to Columbia Mine.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

24.

Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.

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

$\frac{1}{4}$  S12  
S13  
1916

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

44.70 Ridge, brs. N. and S. Impossible to survey the remainder of this mile, because of cliffs and precipices.  
Land, mountainous;  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, cactus and cat claw.

N.0° 5' E., bet. secs. 11 and 12.  
Over mountainous land, through scattering undergrowth.

16.19 Desc. 30 ft. to  
33.15 Gulch, course S.40° E. Asc. 135 ft. to  
40.00 Desc. 20 ft. to  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S11  $\frac{1}{4}$  S12  
1916

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

50.76 Asc. 130 ft. to  
55.45 Ridge, brs. N.30° W. and S.30° E. Desc. 130 ft. to  
57.35 Asc. 60 ft. to  
63.00 Desc. 110 ft. to  
66.25 Asc. 35 ft. to  
Adobe house in old mining camp brs. S.82° 40' E., about 20 chs. dist., on W. side of Humbug Creek. Desc. 175 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in a crevice in a rock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

T8N R1W  
S 2 S 1  
S11 S12  
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, cat claw, mesquite and palo verde.

40.00 East on a random line, bet. secs. 1 and 12.  
79.86 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect Gila and Salt River Meridian, 25 lks. N. of the reestablished cor. of secs. 1, 6, 7 and 12, which is an iron post, hereinbefore described.  
Thence  
N.89° 49' W., on a true line, bet. secs. 1 and 12.  
Over mountainous land, through scattering undergrowth.  
Asc. 340 ft. to  
10.70 Ridge, brs. N. and S. Desc. 270 ft. to  
21.55 Gulch, course S. Asc. 220 ft. to  
31.25 Spur, slopes S. Desc. 805 ft.

Subdivision of a Portion of T. 8 N., R. 1 W. 25.

Chains.  
39.93

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 1  
S 12  
1916

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

75.90  
79.86

Continue descent to Humbug Creek, course S. Asc. 30 ft. to The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, cat claw, cactus, palo verde and mesquite.

2.19  
10.81  
15.45  
19.96  
25.44  
31.34  
40.00

N.0° 5' E., on a true line, bet. secs. 1 and 2. Over mountainous land, through scattering undergrowth. Desc. 15 ft. to Humbug Creek, course S.60° E. Asc. 190 ft. to Spur, slopes S.60° W. Desc. 75 ft. to Asc. 65 ft. to Desc. 25 ft. to Gulch, course S.30° W. Thence along E. slope. Gulch, course S.25° E. Asc. 140 ft. to Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 2 | S 1  
1916

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

46.49  
76.00

Desc. to Head of gulch, course S.30° W. Asc. 550 ft. to Intersect 2nd Standard Parallel North, 0.05 chs. W. of original std. cor. of secs. 35 and 36, T. 9 N., R. 1 W., which is a stone, hereinbefore described. At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 1 and 2, marked on brass cap

T9N R1W  
S35  
C | C  
S 2 | S 1  
T8N  
1916

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

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

0.62

From the cor. of secs. 25, 26, 35 and 36, which is an iron post, hereinbefore described, West on a true line, bet. secs. 26 and 35. Over mountainous land, through scattering undergrowth. Desc. 85 ft. Trail, brs. N. and S.

## 26. Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.  
 29.95 Asc. 105 ft. to  
 19.40 Desc. 185 ft. to  
 35.00 French Creek, stream of water, 5 lks. wide, 6 ins. deep,  
 course S. 20° W. Asc. 365 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

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

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

47.70 Desc. 105 ft. to  
 51.15 Gulch, course S. Asc. 250 ft. to  
 65.00 Desc. 20 ft. to  
 66.50 Asc. 310 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
 ground, on bed rock, in a mound of stone, for reestab-  
 lished cor. of secs. 26 and 27, marked on brass cap,

T8N | R1W  
 S27 | S26

1915

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

81.60 Continue ascent to  
 Fall 0.76 chs. N. 0° 5' E. of the original cor. of secs.  
 26, 27, 34 and 35, which is a stone, hereinbefore  
 described.  
 At this point, set an iron post, 3 ft. long, 2 ins. diam.,  
 24 ins. in the ground, for reestablished NW cor. of sec.  
 35, marked on brass cap,

T8N | S35  
 T8N  
 R1W

1915

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

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

From the reestablished cor. of secs. 26 and 27, hereinbe-  
 fore described, sec. 26 and 27, lay the corner line  
 N. 0° 5' E., bet. secs. 26 and 27.

Over mountainous land, through scattering undergrowth.

15.00 Desc. 310 ft. to  
 27.09 Asc. 125 ft. to  
 40.00 Knoll. Desc. 460 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

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

1916

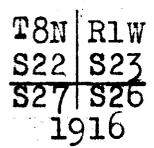
And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W.  
 of cor.

46.47 Red Creek, 600 ft. wide, course E. Asc. 410 ft. to

Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.  
58.35  
80.00

Desc. 315 ft. to  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap



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

40.00  
79.90

East on a random line, bet. secs. 23 and 26.  
Set temp. ¼ sec. cor.  
Intersect N. and S. line, 8 lks. S. of the cor. of secs. 23, 24, 25 and 26.

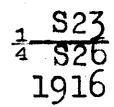
Thence  
S.89° 57' W., on a true line, bet. secs. 23 and 26.  
Over mountainous land, through scattering undergrowth.

14.45  
23.00

Desc. 395 ft. to  
Cow Creek, course S. Asc. 385 ft.  
Road, brs. N.30° W. to Columbia Mine and S.30° E. to Phoenix.

39.95

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.

54.60  
57.50  
62.20  
73.55  
79.90

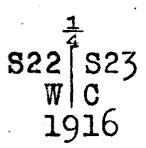
Desc. 135 ft. to  
Asc. 90 ft. to  
Desc. 450 ft. to  
French Creek, course S. Asc. 90 ft. to  
The cor. of secs. 22, 23, 26 and 27.

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

9.02  
16.96  
21.10  
34.20  
40.00  
40.20

N.0° 5' E., bet. secs. 22 and 23.  
Over mountainous land, through scattering undergrowth.  
Desc. 80 ft. to  
French Creek, course S.30° E. Asc. 130 ft.  
Road, brs. W. to Champie's house and E. to Phoenix.  
From this point, C. E. Champie's house brs. N.71° 20' W.

Desc. 70 ft. to  
Gruept. for ¼ sec. cor. in gulch, course SW. Ascend 680 ft.  
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



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

28.

Subdivision of A Portion of T. 8 N., R. 1 W.

Chains.

78.83  
80.00

Ridge, brs. N.45° W. and S.45° E. Desc. to  
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the  
ground, in a mound of stone, for cor. of secs. 14, 15,  
22 and 23, marked on brass cap

T8N | R1W  
S15 | S14  
S22 | S23  
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W.  
of cor.  
Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, none.  
Undergrowth, cat claw, cactus, palo verde and mesquite.

40.00  
79.91

N.89° 57' E., on a random line, bet. secs. 14 and 23.  
Set temp. ¼ sec. cor.  
Intersect the corner of secs. 13, 14, 23 and 24.

Thence,  
S.89° 57' W., on a true line, bet. secs. 14 and 23.  
Over mountainous land, through scattering undergrowth.

13.95  
23.00  
30.20  
39.95½

Asc. 70 ft. to  
Desc. 305 ft. to  
Gulch, course S. Asc. 200 ft. to  
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

¼ S14  
S23  
1916

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

46.20  
46.90  
79.91

Cow Creek, course S. Asc. 645 ft.  
Road, brs. N. to Columbia Mine and S. to Phoenix.  
The cor. of secs. 14, 15, 22 and 23.  
Land, mountainous.  
Soil, rocky; granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus, palo verde and mesquite.

39.90

N.0° 5' E., bet. secs. 14 and 15.  
Over mountainous land, through scattering undergrowth.  
Desc. 500 ft.  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground, on bed rock, in a mound of stone, for witness  
cor. to ¼ sec. cor., marked on brass cap

¼  
W | C  
S15 | S14  
1916

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

40.00  
40.29  
53.30  
58.41

The true point for ¼ sec. cor. falls on solid rock, where  
it cannot be established.  
Cow Creek, course S.30° E. Asc. 135 ft. to  
Desc. 85 ft. to  
Gulch, course S.70° E. Asc. 135 ft. to

Subdivision of a Portion of T. 8 N., R. 1 W. 29.

Chains.

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

T8N | R1W  
S10 | S11  
S15 | S14  
1916

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

Land, mountainous.

Soil, rocky; granite formation; 4th rate.

No timber.

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

40.00

N. 89° 57' E., on a random line, bet. secs. 11 and 14.

Set temp. 1/4 sec. cor.

79.85

Intersect N. and S. line, at the cor. of secs. 11, 12, 13 and 14.

Thence

S. 89° 57' W., on a true line, bet. secs. 11 and 14.

Over mountainous land, through scattering undergrowth.

Asc. 80 ft. to

6.15

Spur, brs. N. and S. Desc. 130 ft. to

16.05

Gulch, course S. Asc. 40 ft. to

29.85

Desc. 140 ft. to

37.25

Gulch, course S. 45° W. Asc. 65 ft.

39.92 1/2

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

1/4 S11  
S14  
1916

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

42.60

Desc. 85 ft. to

50.15

Gulch, course S. Asc. 205 ft. to

62.65

Desc. 115 ft. to

79.85

The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.

Soil, rocky; granite and malpais formations; 4th rate.

No timber.

Undergrowth, cat claw, cactus and palo verde.

15.00

N. 0° 5' E., bet. secs. 10 and 11.

Over mountainous land, through scattering undergrowth.

Along W. slope of ridge.

22.93

Head of gulch, course S. 60° W. Asc. 65 ft. to

27.52

Spur, slopes S. 50° W. Desc. 70 ft. to  
Old wagon road, brs. N. 40° E. to Columbia Mine and S. 40° W. to Phoenix.

30.52

Same road, brs. N. 40° W. to Columbia Mine and S. 40° E. to Phoenix.

34.92

Same road, brs. N. 65° E. to Columbia Mine and S. 65° W. to Phoenix.

38.88

Head of gulch, course S. 70° W. Asc. 65 ft.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on bed rock, in a mound of stone, for 1/4 sec. cor., marked on brass cap

30.

Subdivision of a Portion of T. 8 N. R. 1 W.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S10 \mid S11 \\ 1916 \end{array}$$

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

46.95 Spur, slopes S.50° W. Desc. 45 ft. to  
66.47 Gulch, course S.40° W. Asc. 75 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

$$\begin{array}{c} T8N \mid R1W \\ S \ 3 \mid S \ 2 \\ \hline S10 \mid S11 \\ 1916 \end{array}$$

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

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

40.00 N.89° 57' E., on a random line, bet. secs. 2 and 11.  
79.74 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 2 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence  
S.89° 56' W., on a true line, bet. secs. 2 and 11.  
Over mountainous land, through scattering undergrowth.  
Asc. 600 ft.

20.45 From this point, frame shack on W. side Humbug Creek, brs. N.20° 35' E., about 50 chs. dist.

38.75 Ridge, brs. N.30° W. and S.30° E. Desc. 140 ft.  
39.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \ S \ 2 \\ \hline S11 \\ 1916 \end{array}$$

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

61.50 Gulch, course S.20° E. Asc. 65 ft. to  
70.45 Ridge, brs. N. and S. Desc. 75 ft. to  
79.74 The cor. of secs. 2, 3, 10 and 11.

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

39.23 N.0° 58' E., on a true line, bet. secs. 2 and 3.  
40.00 Over mountainous land, through scattering undergrowth.  
Asc. 270 ft.

Head of gulch, course S.35° W. Continue ascent.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

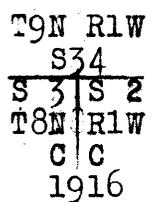
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S \ 3 \mid S \ 2 \\ 1916 \end{array}$$

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

Subdivision of a Portion of T. 8 N., R. 1 W. 31.

Chains.  
43.55  
63.13  
76.03

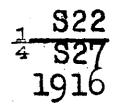
Spur, slopes S.60° W. Desc. 165 ft. to  
Gulch, course S.50° E. Asc. 130 ft. to  
Intersect 2nd Standard Parallel North, 0.11 chs. W. of the  
reestablished standard cor. of secs. 34 and 35, T. 9 N.,  
R. 1 W., which is an iron post, hereinbefore described.  
At the point of intersection, set an iron post, 3 ft. long,  
2 ins. diam., 24 ins. in the ground, for closing cor.  
of secs. 2 and 3, marked on brass cap



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

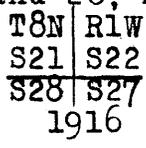
9.63  
14.56  
24.40  
30.36  
37.70  
40.00

From the cor. of secs. 22, 23, 26 and 27,  
West on a true line, bet. secs. 22 and 27.  
Over mountainous land, through scattering undergrowth.  
Asc. 275 ft. to  
Spur, slopes N.10° W. From this point, C. E. Champie's  
house brs. N.14° 39' W. Desc. 160 ft. to  
Gulch, course N.10° W. Asc. 95 ft. to  
Desc. 110 ft.  
Eagle Rock brs. N. 3 chs. dist.  
Asc. 375 ft.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., marked on brass cap



73.14  
79.19  
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N.  
of cor.  
Top of hill, brs. N. and S. Desc. 170 ft. to  
Gulch, course S.45° W. Asc. to  
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground, on bed rock, in a mound of stone, for cor. of  
secs. 21, 22, 27 and 28, marked on brass cap



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

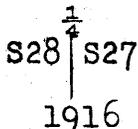
4.45  
13.88  
15.87

S.0° 4' W., on a true line, bet. secs. 27 and 28.  
Over mountainous land, through scattering undergrowth.  
Desc. 100 ft. to  
Gulch, course S. Comes from NW. Desc. in gulch.  
Trail, brs. N.60° E. to Champie's ranch, and S.60° W. to  
Hot Springs.  
Leave gulch, course SE. Asc. 480 ft.

32. Subdivision of a Portion of T. 8 N. R. 1 W.

Chains.

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



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

48.38 Spur, brs. E. and W. Desc. 50 ft. to

62.76 Saddle on top of ridge, brs. E. and W. Desc. 100 ft. to

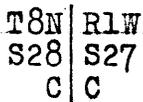
70.45 Asc. 20 ft. to

72.75 Desc. 130 ft. to

80.64 Gulch, course S.70° W. Asc. to

89.74 Intersect N. bdy. of sec. 34, 2.11 chs. S.89° 51' E. of the original cor. of secs. 27, 28, 33 and 34, which is a stone, hereinbefore described.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for closing cor. of secs. 27 and 28, marked on brass cap



1916

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

Land, mountainous.

Soil, granite and malpais formations; 4th rate.

No timber.

Undergrowth, cat claw, palo verde and cactus.

From the cor. of secs. 21, 22, 27 and 28,

N.0° 4' E., bet. secs. 21 and 22.

Over mountainous land, through scattering undergrowth.

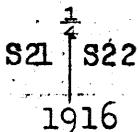
Asc. 195 ft. to

18.00 Desc. 75 ft. to

23.55 Asc. 65 ft. to

30.10 Desc. 110 ft. to

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



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

Asc. 50 ft. to

43.50 Desc. 140 ft. to

51.57 Gulch, water in holes, course S.60° E. Asc. 170 ft. to

71.70 Ridge, brs. NW. and SE. Desc. 40 ft. to

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



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

Land, mountainous.

Subdivision of a Portion of T. 8 N., R. 1 W. 33.

Chains.

Soil, granite formation; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus and palo verde.

40.00 East on a random line, bet. secs. 15 and 22.  
80.39 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 14 lks. S. of the cor. of secs.  
14, 15, 22 and 23.

Thence  
S.89° 54' W., on a true line, bet. secs. 15 and 22.  
Over mountainous land, through scattering undergrowth.  
Asc. 20 ft. to  
1.10 Ridge, brs. NW. and SE. Desc. 590 ft. to  
28.00 Creek, course S. Asc. 315 ft.  
40.19 $\frac{1}{2}$  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

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

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

43.90 Desc. 300 ft. to  
68.55 French Creek, course S. Asc. 120 ft. to  
80.39 The cor. of secs. 15, 16, 21 and 22.  
Land, mountainous.  
Soil, granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, mesquite, palo verde and cactus.

N.0° 4' E., bet. secs. 15 and 16.  
Over mountainous land, through scattering undergrowth.  
Desc. 110 ft. to  
8.84 French Creek, course S.80° E. Asc. 310 ft.  
25.80 Foot of cliff, brs. E. and W.  
26.31 Top of cliff; E. of line, rock peak rises 300 ft. Desc.  
65 ft. to  
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

S16  $\frac{1}{4}$  S15  
1916

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W.  
of cor.  
Asc. 45 ft. to  
49.75 Desc. 70 ft. to  
55.85 Gulch, course S.60° E. Asc. 125 ft. to  
64.45 Desc. 65 ft. to  
71.60 Gulch, course S.50° E. Asc. 130 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the  
ground, in a mound of stone, for cor. of secs. 9, 10,  
15 and 16, marked on brass cap

T8N | R1W  
S 9 | S10  
S16 | S15  
1916

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

34.

Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.

Soil, rocky; granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus, palo verde and mesquite.

40.00 N.89° 54' E., on a random line, bet. secs. 10 and 15.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.15 Intersect N. and S. line, 11 lks. N. of the cor. of secs.  
10, 11, 14 and 15.  
Thence  
S.89° 59' W., on a true line, bet. secs. 10 and 15.  
Over mountainous land, through scattering undergrowth.  
Desc. 100 ft. to  
7.90 Creek, water in holes, course S.10° E. Asc. 100 ft.  
10.00 Old road, brs. N.30° E. to Columbia Mine and South 7. to  
Phoenix.  
18.85 Spur, slopes S.30° E. Desc. 105 ft. to  
31.10 Creek, water in holes, course S.45° E. Asc. 295 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

$\frac{1}{4}$  S10  
 $\frac{1}{4}$  S15  
1916

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

67.45 Desc. 55 ft. to  
72.75 Gulch, course N.50° E. Asc. 55 ft. to  
77.65 Ridge, brs. N.40° W. and S.40° E. Desc. 20 ft. to  
80.15 The cor. of secs. 9, 10, 15 and 16.  
Land, mountainous.  
Soil, granite and malpais formations; 4th rate  
No timber.  
Undergrowth, palo verde, mesquite, cat claw and cactus.

N.0° 4' E., bet. secs. 9 and 10.  
Over mountainous land, through scattering undergrowth.  
Asc. 110 ft.  
2.90 Ridge, brs. N.30° W. and S.30° E. Thence along E. slope to  
10.92 Spur, slopes S.50° E. Desc. 170 ft. to  
31.87 Gulch, course S.50° E. Asc. 75 ft. to  
36.48 Spur, slopes S.65° E. Desc. 55 ft.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 9 | S10  
1916

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

42.67 Head of gulch, course S.55° E. Asc. 165 ft. to  
55.84 Spur, slopes E: Desc. 135 ft. to  
67.61 Head of gulch, course N.50° E. Thence along E. slope.  
75.02 Gulch, course S.60° E. Asc. 65 ft. to  
78.35 Spur, slopes S.60° E. Desc. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
ground, on bed rock, in a mound of stone, for cor. of  
secs. 3, 4, 9 and 10, marked on brass cap

Subdivision of a Portion of T. 8 N., R. 1 W. 35.

Chains.

T8N	R1W
S 4	S 3
S 9	S 10
1916	

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

40.00 N. 89° 59' E., on a random line, bet. secs. 3 and 10.  
 Set temp. ¼ sec. cor.  
 80.20 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.  
 Thence  
 West on a true line, bet. secs. 3 and 10.  
 Over mountainous land, through scattering undergrowth.  
 Desc. to  
 7.20 Gulch, course S. 10° W. Asc. to  
 8.40 Spur, slopes S. Desc. 40 ft. to  
 13.25 Gulch, course S. Asc. 135 ft. to  
 22.95 Spur, slopes S. Desc. 70 ft. to  
 26.80 Gulch, course S. Asc. 50 ft. to  
 32.25 Spur, slopes S. 30° E. Desc. 25 ft. to  
 38.35 Head of gulch, course S. 40° E. Asc. 110 ft.  
 40.10 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

1	S 3
4	S 10
1916	

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 45.80 Ridge, brs. N. and S. Desc. 185 ft. to  
 54.85 Cow Creek, water in holes, course S. Asc. 20 ft. to  
 56.40 Thence over bench.  
 69.80 Leave bench, desc. 20 ft. to  
 72.20 Gulch, course S. 70° E. Asc. 120 ft. to  
 80.20 The cor. of secs. 3, 4, 9 and 10.  
 Land, mountainous.  
 Soil, rocky; 4th rate; granite and malpais formations.  
 No timber.  
 Undergrowth, cat claw, palo verde, mesquite and cactus.

N. 0° 4' E., on a true line, bet. secs. 3 and 4.  
 Over mountainous land, through scattering undergrowth.  
 Desc. 65 ft. to  
 5.61 Cow Creek, course S. 70° E. Asc. 65 ft. to  
 14.13 Point of hill, slopes N. 70° W. Desc. 20 ft. to  
 18.21 Road, brs. E. and W. Asc. 25 ft. to  
 22.10 Desc. 15 ft. to  
 23.87 Gulch, course E. Asc. 30 ft. to  
 28.65 Desc. 80 ft. to  
 36.39 Cow Creek, course S. 60° E. 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

1	S 3
4	S 3
1916	

36.

Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.

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

56.94

Spur, slopes S.45° E. Desc. to

62.44

Gulch, course S.60° E. Asc. 70 ft. to

67.49

Spur, slopes S.45° E. Desc. 20 ft. to

76.00

Intersect 2nd Standard Parallel North, 0.24 chs. W. of the reestablished standard cor. of secs. 33 and 34, T. 9 N., R. 1 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. 3 and 4, marked on brass cap

T9N R1W

S33

S34 S33

T8N R1W

C | C

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, cat claw, cactus, palo verde and mesquite.

From the cor. of secs. 21, 22, 27 and 28. West on a true line, bet. secs. 21 and 28. Over mountainous land, through scattering undergrowth. Asc. 200 ft. to

23.75

Low spur, slopes S. Desc. 175 ft. to

36.05

Gulch, course S.20° W. Asc. 160 ft.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S21

1/4 S28

1916

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

42.85

Spur, slopes S. Desc. 50 ft. to

47.80

Asc. 20 ft. to

48.75

Desc. 120 ft. to

63.75

Gulch, course S.20° W. Asc. 55 ft. to

65.60

End of spur, slopes N. Desc. 95 ft. to

69.00

Red Creek, course S. Asc. 90 ft. to

80.00

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

T8N R1W

S20 S21

1916

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

81.58

Fall 0.92 chs. N.0° 4' E. of the original cor. of secs. 20, 21, 28 and 29, which is a stone, hereinbefore described. The point falls on boulder where corner cannot be established. Therefore S.0° 4' W., 0.20 chs., Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, for witness cor. to reestablished NW cor. of sec. 28, marked on brass cap,

Subdivision of a Portion of T. 8 N., R. 1 W. 37.

Chains.

W C
S28
T8N
R1W
1916

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

From the reestablished cor. of secs. 20 and 21, N.0° 4' E., bet. secs. 20 and 21.  
 Over mountainous land, through scattering undergrowth.  
 Desc. 85 ft. to  
 2.49 Red Creek, course E. Asc. 210 ft. to  
 18.02 Ridge, brs. E. and W. Desc. 215 ft. to  
 31.16 Gulch, water in holes, course S.70° E. Asc. 285 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap.

S20	↑	S21
1916		

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 50.14 Asc. on spur, slopes E. Comes from N.  
 69.76 Leave spur, slopes S. Comes from N.60° W. Desc. 65 ft. to  
 71.65 Gulch, course S.60° E. Asc. 55 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

T8N	R1W
S17	S16
S20	S21
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, cat claw, palo verde, mesquite and cactus.

40.00 East on a random line, bet. secs. 16 and 21.  
 80.08 Set temp. ¼ sec. cor.  
 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 15, 16, 21 and 22.  
 Thence  
 West on a true line, bet. secs. 16 and 21.  
 Over mountainous land, through scattering undergrowth.  
 Asc. 110 ft. to  
 9.75 Ridge, brs. N.60° W. and S.60° E. Desc. 100 ft. to  
 16.80 Asc. 50 ft. to  
 23.45 Desc. 45 ft. to  
 24.50 Small ravine, course S. Asc. 310 ft.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Chains.

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

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

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

- 43.90 Peak of spur, slopes S. Desc. 255 ft. to
- 55.80 Ravine, water in holes, course S.50° E. Asc. 370 ft. to
- 76.50 Spur, slopes S.50° E. Desc. 60 ft. to
- 80.08 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.  
 Soil, granite and malpais formations; 4th rate.  
 No timber.  
 Undergrowth, cat claw, mesquite, palo verde and cactus.

N.0° 4' E., bet. secs. 16 and 17.  
 Over mountainous land, through scattering undergrowth.  
 Asc. 65 ft. to

- 4.59 Ridge, brs. N. and S. Desc. 310 ft. to
- 23.50 Ash. Creek, water in holes, course S.50° E. Asc. 865 ft. to

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, on bed rock, for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

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

- 57.93 Foot of cliff, 125 ft. high.
- 58.02 Top of cliff, brs. E. and W. Continue ascent. to
- 66.05 Desc. 60 ft. to
- 74.00 Asc. 150 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T8N	RLW
S 8	S 9
S17	S16

 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, cat claw, cactus, palo verde and mesquite.

- 40.00 N.89° 59' E., on a random line, bet. secs. 9 and 16.
- 80.05 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, at the cor. of secs. 9, 10, 15 and 16.

Thence  
 S.89° 59' W., on a true line, bet. secs. 9 and 16.  
 Over mountainous land, through scattering undergrowth.  
 Desc. 145 ft. to

- 16.45 Gulch, course S.50° W. Asc. 95 ft. to
- 24.30 Spur, slopes S.40° W. Desc. 190 ft.
- 40.01 $\frac{1}{2}$  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

Subdivision of a Portion of T. 8 N., R. 1 W. 39.

Chains.

$\frac{1}{4}$  S 9  
S 16  
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
40.90 French Creek, water in holes, course S.40° E. Asc. 1080 ft. to  
77.30 Ridge, brs. N.40° W. and S.40° E. Desc. 35 ft. to  
80.03 The cor. of secs. 8, 9, 16 and 17.  
Land, mountainous.  
Soil, granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus, palo verde and mesquite.

From the cor. of secs. 3, 4, 9 and 10, hereinbefore described, West on a true line, bet. secs. 4 and 9.  
Over mountainous land, through scattering undergrowth. Asc. 20 ft. to  
1.46 Spur, slopes S.75° E. Desc. 40 ft. to  
11.59 Head of gulch, course S.60° W. Asc. 110 ft. to  
25.07 Spur, slopes S.20° E. Desc. 150 ft. to  
30.69 French Creek, water in holes, course S. Asc. 445 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

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

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

T8N | RLW  
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; granite and malpais formations; 4th rate.  
No timber.  
Undergrowth, cat claw, palo verde, cactus and mesquite.

S.0° 4' W., bet. secs. 8 and 9.  
Over mountainous land, through scattering undergrowth. Asc. 465 ft. to  
20.15 Sheep Mountain ridge, brs. N.50° W. and S.50° E. Desc. 625 ft. to  
38.80 Gulch, course S.45° E. Asc. to  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$   
S 8 | S 9  
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
The survey of this mile was discontinued at this point,

40.

Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.

as the S. half is extremely difficult to survey.  
Land, mountainous.  
Soil, malpais and granite formations; 4th rate.  
No timber.  
Undergrowth, mesquite and hackberry.

1.50  
30.85  
40.00

From the cor. of secs. 4, 5, 8 and 9,  
N.0° 4' E., on a true line, bet. secs. 4 and 5.  
Over mountainous land, through scattering undergrowth.  
Asc. 25 ft. to  
Desc. 333 ft. to  
French Creek, water in holes, course S.60° E. Asc. 490 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 5 | S 4  
1916

71.10  
76.10

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W.  
of cor.  
Spur, slopes W. Desc. 60 ft. to  
Intersect 2nd Standard Parallel North, 0.34 chs. W. of the  
reestablished standard cor. of secs. 32 and 33, T. 9 N.,  
R. 1 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. 4 and 5, marked on brass cap

T9N R1W  
S32  
S 5 | S 4  
T8N R1W  
C | C  
1916

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

18.83  
26.00  
34.02  
40.00

From the cor. of secs. 16, 17, 20 and 21,  
West on a true line, bet. secs. 17 and 20.  
Over mountainous land, through scattering undergrowth.  
Asc. 170 ft. to  
Spur, brs. N. and S. Desc. 125 ft. to  
Asc. to  
Spur, slopes S. Desc. to  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked  
on brass cap

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

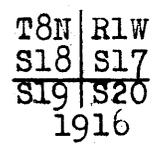
47.20  
74.00  
75.97

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.  
Asc. 180 ft. to  
S. end of spur; desc. 210 ft. to  
Ravine, course S.50° E. Asc. 45 ft. to  
Desc. to

Subdivision of a Portion of T. 8 N., R. 1 W. 41.

Chains.  
80.00

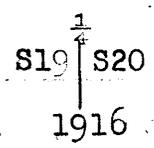
Small draw, course N. 20° E.  
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on bed rock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, marked on brass cap



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

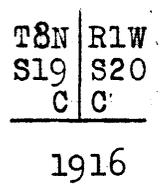
23.70  
31.50  
40.00

S. 0° 3' W., on a true line, bet. secs. 19 and 20.  
Over mountainous land, through scattering undergrowth.  
Asc. 170 ft. to  
Saddle in spur, slopes SE. Desc. 120 ft. to  
Ridge, brs. NW. and SE. Continue ascent along W. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



41.45  
68.84  
80.97

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Spur, slopes W. Desc. 450 ft. to  
Gulch, course W. Asc. 125 ft. to  
Intersect. N. bdy. of sec. 29, 1:50 chs. S. 89° 59' E., of the original cor. of secs. 19, 20, 29 and 30, which is a stone, hereinbefore described.  
At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on bed rock, in a mound of stone, for closing cor. of secs. 19 and 20, marked on brass cap



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

19.65  
37.45  
40.00

From the cor. of secs. 17, 18, 19 and 20,  
West on a true line, bet. secs. 18 and 19.  
Over mountainous land, through scattering undergrowth.  
Asc. 330 ft. to  
Ridge, brs. N. and S. Desc. 630 ft. to  
Ravine, course S. 30° W. Asc. 180 ft.  
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

Chains.

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

60.76 Ridge, brs. N. and S. Desc. 355 ft. to  
72.12 Intersect W. bdy. of Tp., 1.25 chs. S.0° 3' W. of the true  
point for reestablished cor. of secs. 13 and 24, T. 8 N.,  
R. 2 W., 2.05 chs. S.0° 3' W., of the  
witness cor. to said corner, 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. 18 and 19, marked on brass cap

T8N | T8N  
S24 | S18 CC  
R2W | R1W  
1916

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

From the corner of secs. 17, 18, 19 and 20,  
N.0° 3' E., bet. secs. 17 and 18.  
Over mountainous land, through scattering undergrowth.  
It being impossible to chain from this cor., I triangulate  
across canyon as follows:-  
Set a flag ahead on line, the vertical angle to which is  
+15°, from which a flag set 16.44 chs. E. of the cor.  
of secs. 17, 18, 19 and 20 brs. S.49° 16' E. The dist.  
is given by

$$\frac{16.44 \times \sin. 40^\circ 44'}{\sin. 49^\circ 19'} \text{ or, by logarithms,}$$

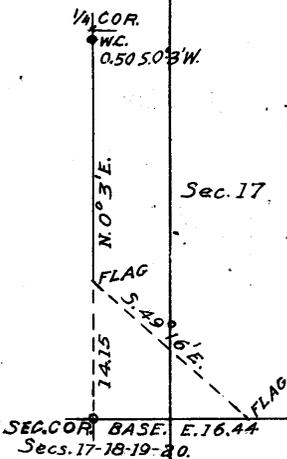
log. 16.44 =	1.215902	
log. sin. 40° 44' =	9.814607-10	
	<u>11.030509-10</u>	
log. sin. 49° 19' =	9.879855-10	
	<u>1.150654</u>	= log. 14.15

chs.

14.15 Continue ascent.  
39.55 Foot of inaccessible cliffs, 527 ft. above sec. cor.  
40.00 The true point for ¼ sec. cor. falls on side of cliff,  
where it cannot be established. I return to  
39.50 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground, on bed rock, in a mound of stone, for witness  
cor. to ¼ sec. cor., marked on brass cap

W | C  
S18 | S17  
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W.  
of cor.  
Impracticable to continue this line north on account of  
inaccessible granite reef and ledges.  
Land, mountainous.  
Soil, rocky; granite and malpais formations; 4th rate.



Subdivision of a Portion of T. 8 N., R. 1 W., 43.

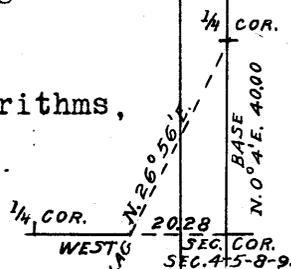
Chains.

No timber.  
Undergrowth, cat claw, cactus, palo verde and mesquite.

From the cor. of secs. 4, 5, 8 and 9,  
West on a true line, bet. secs. 5 and 8.  
Over mountainous land, through scattering undergrowth.  
It being impossible to chain from this cor., I set a flag  
ahead on line, from which point the  $\frac{1}{4}$  sec. cor. bet.  
secs. 4 and 5 brs. N.  $26^{\circ} 56'$  E. The vertical angle to  
the  $\frac{1}{4}$  sec. cor. is  $-27\frac{1}{2}^{\circ}$ . The distance triangulated is  
given as follows:

$$\frac{40.00 \times \sin. 26^{\circ} 52'}{\sin. 63^{\circ} 4'} \quad \text{or, by logarithms,}$$

log. 40.00	= 1.602060	
log. sin. $26^{\circ} 52'$	= 9.655058-10	
	<u>11.257118-10</u>	
log. sin. $63^{\circ} 4'$	= 9.950138-10	
	<u>1.306980</u>	= log. 20.28



- 20.28 chs. Asc. 20 ft. to
- 23.06 Sheep Mountain, 1400 ft. above cor. of secs. 4, 5, 8 and 9, brs. N. and S.  $50^{\circ}$  E. Desc. 135 ft. to
- 36.10 Asc. 25 ft. to
- 38.65 Desc. 35 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 5  
 $\frac{1}{4}$  S 8  
 1916

And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Inaccessible, high granite reef and ledges prevented the survey of the W. half of this mile.  
 Land, mountainous.  
 Soil, granite and malpais formations; 4th rate.  
 No timber.  
 Undergrowth, cat claw, cactus, palo verde and hackberry.

I begin at a point 0.34 chs. W. of the reestablished standard cor. of secs. 31 and 32, on the N. bay of the Tp. (2nd. Standard Parallel North), 32, on the N. bay of the Tp.  
 At this point, 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

T9N R1W  
 S31  
 S 6 S 5  
 T8N R1W  
 C C  
 1916

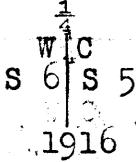
- 10.11 And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
Thence  
S.  $0^{\circ} 3'$  W., on a true line, bet. secs. 5 and 6.  
Over mountainous land, through scattering undergrowth.  
Desc. 165 ft. to
- 36.10 French Creek, water in holes, course S.  $65^{\circ}$  E. Asc. 620 ft.  
The true point for  $\frac{1}{4}$  sec. cor. falls on boulder, where it cannot be established. Mark a cross (X) at the true

44. Subdivision of a Portion of T. 8 N., R. 1 W.

Chains.

36.60

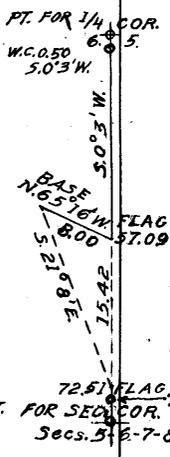
corner point, and at Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., marked on brass cap



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

57.09

Saddle on ridge, brs. N.65° W. and S.65° E. Impossible to chain from here. I set a flag ahead on line, and measure a base N.65° 16' W., 8.00 chs., from the W. end of which flag set on line brs. S.21° 8' E. The distance triangulated is given as follows:-



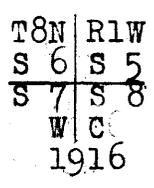
$$\frac{8.00 \times \sin. 44^\circ 8'}{\sin. 21^\circ 11'} \quad \text{or, by logarithms,}$$

log. 8.00	=	903090	
log. sin. 44° 8'	=	9.842815-10	
		<u>10.745905-10</u>	
log. sin. 21° 11'	=	9.557932-10	
		<u>1.187973</u>	= log. 15.42 chs.,

which added to 57.09 chs., gives

72.51  
72.65

Ridge, brs. E. and W. Desc. Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for witness cor. to cor. of secs. 5, 6, 7 and 8, marked on brass cap



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

76.10

The true point for cor. of secs. 5, 6, 7 and 8 falls on granite reef where it cannot be established. Land, mountainous; Soil, granite and malpais formations; 4th rate. No timber. Undergrowth, cat claw, palo verde and hackberry.

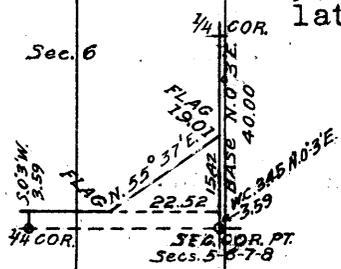
From a point 3.59 chs. N.0° 3' E. of the true point for cor. of secs. 5, 6, 7 and 8, West on offset line in sec. 6. Over mountainous land, through scattering undergrowth. It being impracticable to chain west from this point, I triangulate as follows:- Set a flag ahead, the vertical angle to which is 49° 45', from which the flag on line between secs. 5 and 6, 15.56 chs. N.0° 3' E. of the witness cor. to cor. of secs. 5, 6, 7 and 8, brs. N.55° 37' E. The distance triangulated is given by

$$\frac{15.42 \times \sin. 55^\circ 34'}{\sin. 34^\circ 23'} \quad \text{or, by logarithms,}$$

log. 15.42	=	1.188084	
log. sin. 55° 34'	=	9.916341-10	
		<u>11.104425-10</u>	
log. sin. 34° 23'	=	9.751839-10	
		<u>1.352586</u>	= log. 22.52 chs.

22.52

Spur, 260 ft. above witness cor., brs. S.20° E. Thence continue on offset line. Desc. 285 ft. to



Subdivision of a Portion of T. 8 N., R. 1 W. 45.

Chains.  
30.70  
40.00  
  
49.93  
55.60  
62.09

Asc. 335 ft.  
Offset S.0° 3' W., 3.59 chs., and  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground, on bed rock, in a mound of stone, for 1/4 sec. cor.,  
marked on brass cap

1/4 S 6  
S 7  
1916

And raise a mound of stone, 2 ft base, 1 1/2 ft. high, N.  
of cor.  
Continue west on offset line, 3.59 chs. N. of the true line  
bet. secs. 6 and 7.

Ridge, brs. N.30° W. and S.30° E. Desc. 115 ft. to  
Asc. 50 ft. to  
Spur, slopes S. Impossible to chain from this point. I  
triangulate as follows:-

A flag set 5.19 chs. W. and 0.24 chs. S. of the true point  
for reestablished cor. of secs. 1 and 12, brs. S.80° 57'  
W., the vertical angle being -32 3/4°; and a flag 6.07 chs.  
S. of this flag brs. S.61° 12' W. The distance to the  
flag 5.19 chs. W. of the true point for reestablished  
cor. of secs. 1 and 12 is given by

$$\frac{6.07 \times \sin. 61^\circ 12'}{\sin. 19^\circ 45'}$$
 or, by logarithms,

log. 6.07 = .783189  
log. sin. 61°12' = 9.942656  
log. sin. 19°45' = 9.528810-10  
10.725845-10  
9.528810-10  
1.197035 = log. 15.74  
chs.

see diagram  
on page 46  
hereof

The falling north of the flag is given by  
15.74 X sin. 9° 3' = 15.74 X .15730 = 2.48 chs., and  
the distance N. of the true point for reestablished cor.  
is 2.48-.24 = 2.24 chs.

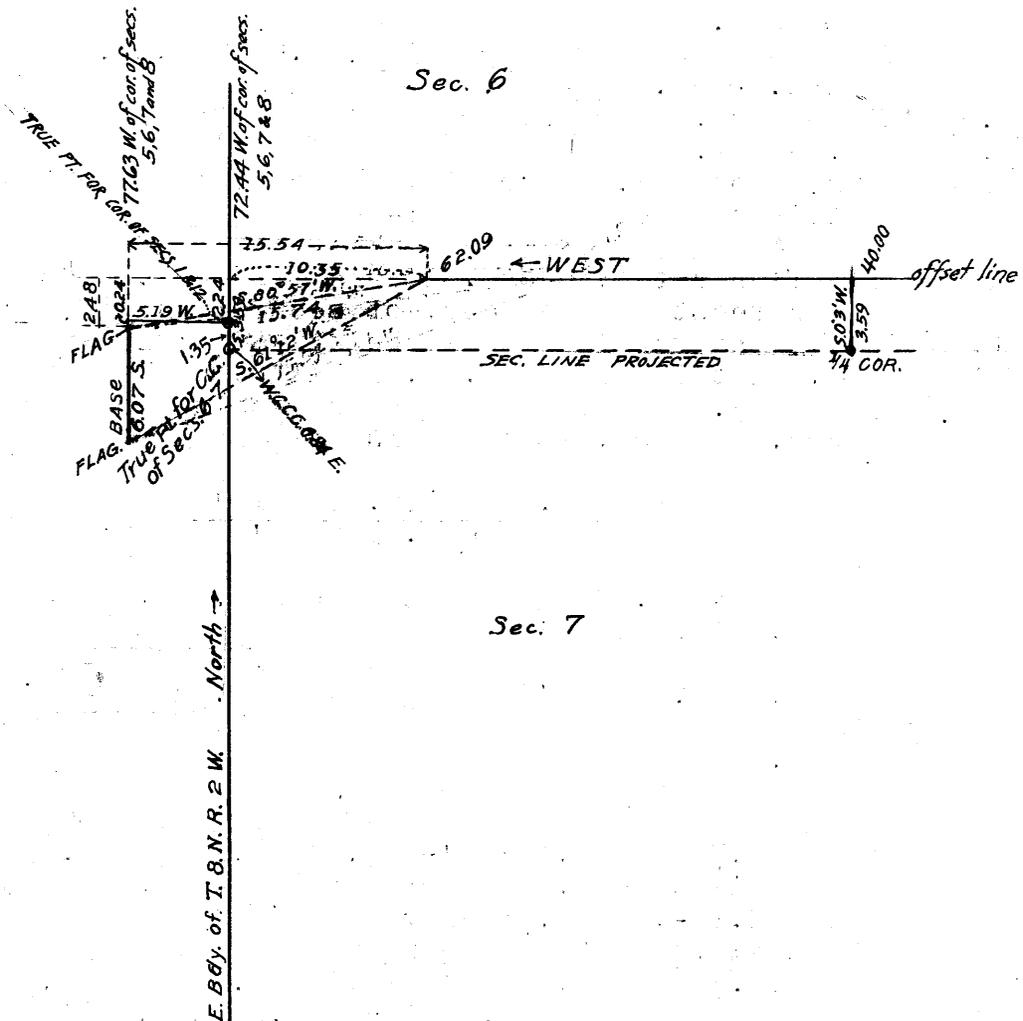
The distance to the boundary is given by  
15.74 X cos. 9° 3' = 15.74 X .98755 = 15.54 chs., which  
added to 62.09 chs., gives 77.63 chs., minus the distance  
the offset line is W. of the boundary, 5.19 chs., which  
gives

72.44 Intersect W. bdy. of Tp., on offset line, 2.24 chs. N. of  
the true point for reestablished cor. of secs. 1 and 12.  
Offset S.3.59 chs. to true point for closing cor. on W. bdy.  
on Tp., 1.35 chs. S. of the true point for reestablished  
cor. of secs. 1 and 12. Point for closing cor. falls on  
shelving rock, where it cannot be established. There-  
fore, at a point on sec. line projected 0.84 chs. E. of  
true point for closing cor.,

1.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for witness cor. to closing cor. of secs. 6 and 7,  
marked on brass cap

T8N  
R2W | R1W  
S12 | S 6 WC CC  
S 7  
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E.  
of cor.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, cat claw, cactus, palo verde and mesquite.



GENERAL DESCRIPTION.

The portion of this Tp. subdivided as described in the foregoing notes is quite rough & broken. The Sheep Mountains in the N. & W. are high, rocky reefs, peaks and ledges. The Silver mountains to the N. are steep rough, granite & quartz spurs & ridges, and the foothills of the Bradshaw Mts. in the E. are extremely rough & broken granite & porphyry. The canyons are deep, & ridges high & rimmed with ledges and fallen boulders. The principal water courses are Castle Creek, French Creek, Cow Creek, Cottonwood Creek & Humbug Creek, all of which find their source in the Bradshaw Mts., and drain SE. into the Agua Frio, cutting deep gorges & canyons thru. the Tp. At this season of the year these streams flow, but later there is only water in holes. The NE. cor. of the Tp. in the Humbug Mining District & in all parts of the Tp. there has been prospecting for mineral, but nothing of any considerable commercial value has yet been developed.

The agricultural land in the Tp. is negligible, but at certain seasons there is good forage for sheep or cattle, & goats do especially well the year round, browsing to a large extent on the shrubbery, catclaw, mesquite, palo verde and hackberry, which abound on the slopes among the rocks. There are settlers in each of secs. 2, 6, 12, 22 and 25. There is no timber in the township.



BOOK 48 0162

CERTIFICATE OF UNITED STATES SURVEYOR.

(Applies to field notes describing surveys executed by Chas. M. Pidgeon, U.S.S.) in books "A", "B", "C" and "D" of Group 60, Arizona.

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, retraced, surveyed and West bdy. of T. 10N., R. 5W. Subdivision lines of T. 8 N., R. 1 W., Resurveyed all those parts or portions of The Gila & Salt River Meridian thru T. 8 N., the 2nd Std. Par. N. in Rs. 1 & 5 W., the East bdy. of T. 8 N., R. 2 W., the West bdrs. of Ts. 9 & 10 N., R. 5 W., the South bdrs. of Ts. 11 N., Rs. 4 & 5 W. and Surveyed all those parts or portions of the North & East bdrs. & Subdivision lines of T. 9 N., R. 5 W., the East & West bdrs. & Subdivision lines of T. 10 N., R. 5 W., South bdy. of T. 11 N., R. 5 W., and Subdivision lines of T. 8 N., R. 1 W. and T. 13 N., R. 8 W. of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in and those in books "B", "C", and "D" 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 retracements, resurveys and surveys 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, retracements, resurveys and surveys.

Chas. M. Pidgeon U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 8, 1918.

The foregoing field notes of the retracement of parts of the South boundary, and Subdivision lines of TOWNSHIP 8 NORTH, RANGE 1 WEST, and RESURVEY of the Gila and Salt River Meridian, thru Township 8 North, Second Standard Parallel North, thru parts of Range 1 West, and a Portion of the East boundary of TOWNSHIP 8 NORTH, RANGE 2 WEST, and SURVEY of a

Portion of the Subdivision lines of TOWNSHIP 8 NORTH, RANGE 1 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Chas. M. Pidgeon, U.S. Surveyor,

under his special instructions dated October 5, 1915, for Group 60, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

Grant D. Frost U. S. Surveyor General.

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