

3202

Book "A"

4-679

BOOK 3202

# FIELD NOTES

OF THE SURVEY OF THE

4th Standard Parallel North, through a Portion of Range 12 West,

and the

East and North Boundaries

and

Subdivision Lines

of

Township 17 North, Range 12 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Harry D. Jackson, U. S. Transitman

and

Eugene L. Harshbarger, U. S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated February 20, 1915,

issued by the United States Surveyor General to govern surveys included in

Group No. 50, which were approved by the Commissioner of the General Land

Office, March 2, 1915

Survey commenced December 15, 1915.

Survey completed January 20, 1916.

Executed under Assignment  
Instructions dated Nov. 29, 1915.

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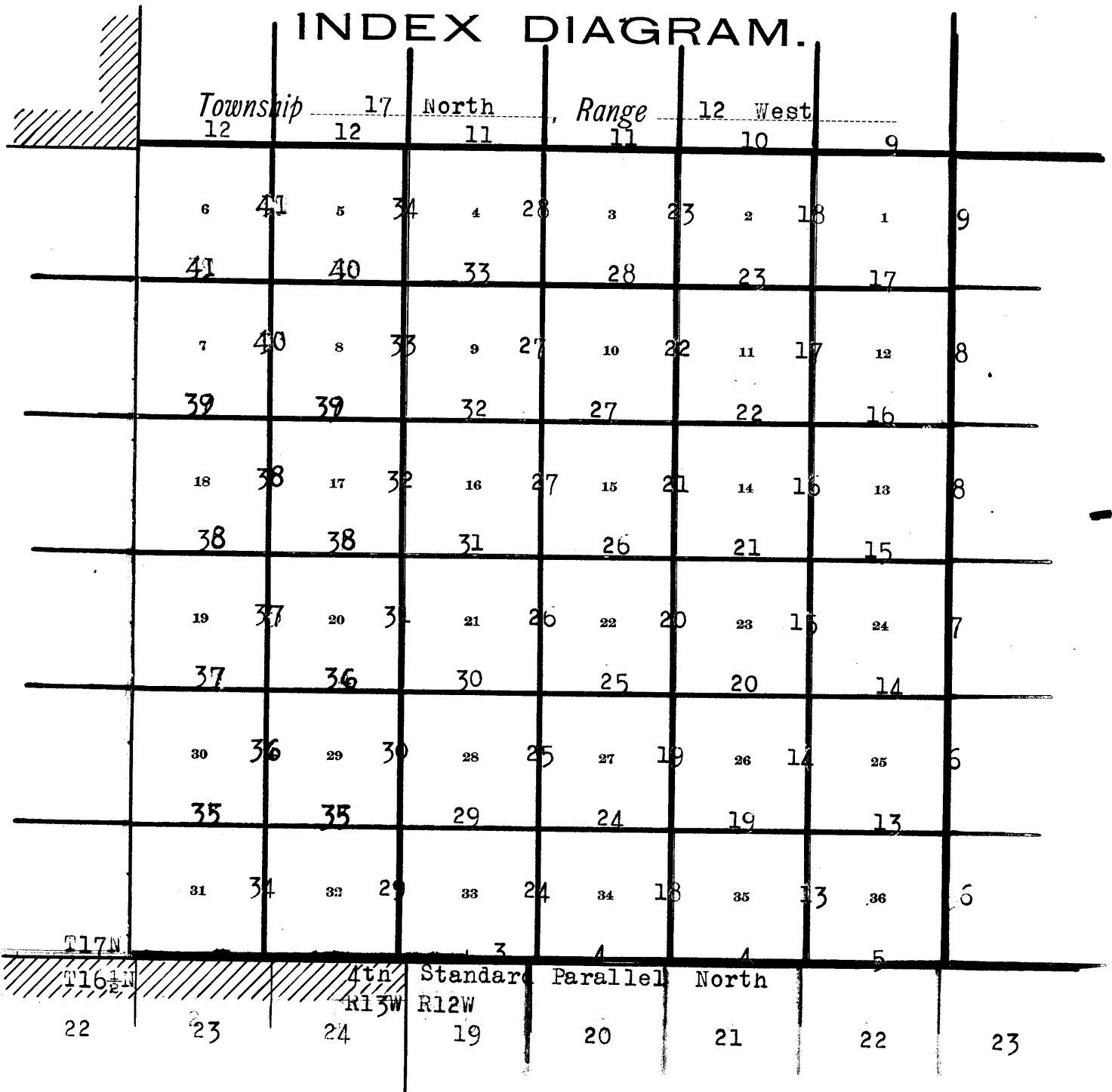
1A

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Book "A"

Group 50 - - - Arizona.

BOOK 3202

### INDEX DIAGRAM.



- Surveyed under this group--notes in this book. 3202
- " " " " " " " " Book B. 3203
- " " " " " " " " " C. 3204
- Surveyed under current Group 46.
- Resurveyed or retraced under current Group 46.
- Surveyed under current Group 49.
- Previously accepted surveys.
- ////// Area surveyed as per accepted plats on file.

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Group 50 - - - Arizona.

BOOK 3202

Township 17 North, Range 12 West.

DATE DIAGRAM

	1-6-16	1-6-16	1-6-16	1-6-16	1-5-16	1-5-16	
	6	5	4	3	2	1	
	1-20-16	1-20-16	1-20-16	1-8-16	1-12-16	1-4-16	1-3-16
	7	8	9	10	11	12	
	1-19-16	1-19-16	1-19-16	1-11-16	1-11-16	1-19-16	1-3-16
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	19	20	21	22	23	24	
	12-23-15	1-6-16	12-20-15	12-21-15	12-11-15	12-22-15	12-23-15
	30	29	28	27	26	25	
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	31	32	33	34	35	36	
	12-23-15	12-20-15	12-21-15	12-18-15	12-11-15	12-11-15	12-11-15
T17N			12-9-15	12-9-15	12-9-15	12-10-15	
T16 1/2 N	4th Standard Parallel North						
		R13W	R12W				
	23	24	19	20	21	22	23

Surveys executed on dates shown in red on above diagram, by Harry D. Jackson, U. S. Transitman.

Surveys executed on dates shown in green on above diagram, by Eugene L. Harshbarger, U. S. Transitman.

4th St. Par. N., through Portion of R. 12 W., and  
E. and N. Bdrs. and Subdivisions,  
of T. 17 N., R. 12 W.

3

Chains

Survey executed on dates shown on diagram on page 1  
of this book, by Harry D. Jackson, and Eugene L. Harshbarger, U. S. Transitmen, using instruments numbers 8490 and 8481 respectively.

The instruments are Young and Sons' light mountain transits with Smith Solar attachments. The horizontal limbs are provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. Both instruments were approved, subject to satisfactory field tests--a record of which follows herein--by the assistant supervisor of surveys for Arizona and California, on Nov. 29, 1915.

Instrument Tests.

Dec. 7, 1915.

We first examine the adjustments of the transits, and correct level and collimation errors.

At our camp, approximately 60 chs. S. of the standard corner of secs. 35 and 36, T. 17 N., R. 12 W., (later established as hereinafter described) at apparent noon, we set off  $22^{\circ}32\frac{1}{2}'$  S. on the decl. arcs, and observe the sun on the meridian. The resulting lat. is  $34^{\circ}49'$ .

At 3h 30m, p.m., l.m.t., at the above station, we set off  $34^{\circ}49'$  on the lat. arcs, and  $22^{\circ}32'$  S. on the decl. arcs, and determine meridians with the solars; marking points in same by wooden stakes driven firmly in the ground 5 chs. N. of our respective stations.

Dec. 8, 1915.

At 2h 23m, a.m., l.m.t., we observe Polaris at western elongation, in accordance with instructions in the Manual, and mark points in the lines thus determined by tacks driven in wooden stakes firmly set in the ground W. of the stakes set by the solars, as above described.

At 8h 30m, a.m., we turn off the azimuth of Polaris  $1^{\circ}23'$  to the east, and mark the meridians thus established by tacks driven in wooden stakes alongside those set by the solars.

At 8h 31m, a.m., l.m.t., we set off  $34^{\circ}49'$  on the lat. arcs, and  $22^{\circ}37'$  S. on the decl. arcs, and determine meridians with the solars.

The results of both a.m. and p.m. solars agree within less than  $1\frac{1}{2}$  minutes of arc with the true meridians as determined by the observations on Polaris, from which we conclude that the adjustments are satisfactory.

The magnetic declination in this township varies from  $15^{\circ}15'$  to  $15^{\circ}30'$  E.

4th St. Par. N., through Portion of R. 12 W.

From the standard  $\frac{1}{4}$  sec. cor. on S. bdy. of sec. 33, which is a 1 in. iron post, with brass cap, firmly set, properly marked and witnessed, established under current group 46;

East, on the parallel, on S. bdy. of sec. 33, (E. half), counting measurement from the standard cor. of secs. 32 and 33, established under current group No. 46; over mountainous land, through dense undergrowth.

Chains

41.10 Spur slopes S. Desc. 90 ft., on SE. slope.  
 47.34 Gulch, course SW. Asc. 90 ft.  
 53.60 Spur slopes SW. Desc. 115 ft.  
 61.40 Gulch, course S.15°W. Asc. 35 ft.  
 64.60 Spur slopes S.15°W. Desc. 85 ft.  
 74.50 Gulch, course SW. Asc. 50 ft.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 33 and 34, with brass cap, marked

S C	
T17N	R12W
S33	S34

1915

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

Land, mountainous.

Soil, sandy; 4th rate.

No timber.

Undergrowth, paloverde, scrub oak, greasewood, ocotillo, catclaw and cactus.

East, on the parallel, on S. bdy. of sec. 34,  
 over mountainous land, through scattering undergrowth.  
 Asc. 185 ft., on W. slope.

16.60 Spur slopes SE. Desc. 25 ft., on NE. slope.  
 28.07 Gulch, course N.15°W.  
 31.25 Same gulch, course S.15°W. Asc. 125 ft., on NW. slope.  
 40.00 On spur, sloping SW.,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard ¼ sec. cor., with brass cap, marked

S C	
1/4 S34	

1915

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

Asc. 270 ft., on SW. slope.

56.45 Ridge bears NW. and SE. Desc. 210 ft., on NE. slope.

80.00 At head of gulch, course S.30°E.,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 34 and 35, with brass cap, marked

S C	
T17N	R12W
S34	S35

1915

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

Land, mountainous.

Soil, sandy and rocky; 4th rate.

No timber.

Undergrowth, paloverde, oak brush, greasewood, catclaw, ocotillo and cactus.

East, on the parallel, on S. bdy. of sec. 35,  
 over mountainous land, through scattering undergrowth.  
 Asc. 25 ft., on SW. slope.

6.00 Spur slopes S. Desc. 75 ft., on E. slope.  
 17.35 Gulch, course S. Asc. 40 ft.  
 20.80 Spur, sloping S. Desc. along S. slope, 30 ft., to  
 28.75 Gulch, course S.50°W. Asc. 90 ft., on NW. slope.

4th St. Par. N. through Portion of R. 12 W.

Chains

35.66 Spur slopes N.10°E. Desc. 35 ft., on NE. slope.  
 38.60 Small draw, course N.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

1915

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

Asc. 100 ft., on NW. slope.

51.45 Ridge bears NE. and SW. Desc. 250 ft., on E. slope.

64.35 Gulch, course S.40°E. Asc. 30 ft.

69.35 Spur slopes S. Desc. on SE. slope, 50 ft.

75.70 Gulch, course SW. Asc. 35 ft.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap, marked

S C  
 T17N | R12W  
S35 | S36

1915

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

Land, mountainous.

Soil, sandy and rocky; 3rd and 4th rate.

No timber.

Undergrowth, paloverde, oak brush, greasewood, catclaw, ocotillo and cactus.

East, on the parallel, on S. bdy. of sec. 36, over mountainous land, through scattering undergrowth. Asc. 290 ft., on NW. slope.

17.40 Spur slopes SW. Asc. 170 ft., on SW. slope.

31.60 Summit, on ridge, bearing N. and S. Desc. 50 ft., on NE. slope.

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

SC  
 $\frac{1}{4}$ S36

1915

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

Asc. 110 ft., on NW. slope.

58.70 Ridge bears NE. and SW. Desc. 225 ft., on SE. slope.

73.00 Gulch, course SW. Asc. 60 ft., on W. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of Tps. 17 N., Rs. 11 and 12 W., with brass cap, marked

SC  
 T17N  
 R12W | R11W  
S36 | S31

1915

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

Land, mountainous.

Soil, sandy and rocky; 4th rate.

No timber.

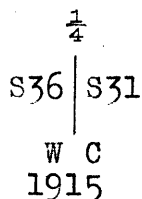
Undergrowth, paloverde, oak brush, greasewood, catclaw and ocotillo.

Chains

From the standard cor. of Tps. 17 N., Rs. 11 and 12 W., hereinbefore described,

North, bet. secs. 31 and 36, over mountainous land, through scattering undergrowth. Desc. 30 ft., on NE. slope.

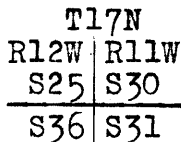
- 4.00 Bottom of gulch, course S.50°W. Asc. 165 ft.
- 13.60 Top of ridge bears E. and W. A peak bears E., 2 chs. dist.
- 15.60 Desc. abruptly over N. slope of ridge, 110 ft.
- 23.42 Sandy wash in bottom of gulch, course S.75°W. Asc. 190 ft.
- 40.00 Point for 1/4 sec. cor. falls on top of ridge bearing E. and W., where it is impracticable to set cor. Therefore at
- 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., with brass cap, marked



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

Desc. 65 ft.

- 45.90 Head of gulch, course W. Rim rock bears E., 3 chs. dist. Asc. 100 ft.
- 51.70 Point of spur ridge extends W. Desc. 140 ft.
- 59.40 Sandy wash, in bottom of gulch, course SW. Width, 2 chs. Asc. 80 ft.
- 67.25 Top of spur slopes W.
- 71.25 Ridge bears N.75°E. and S.75°W. A peak bears E., 3 chs. dist. Desc. 25 ft.
- 75.25 Head of gulch, course W. Asc. 60 ft.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap, marked



1915

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

Cor is on S. slope of ridge.

Land, rough and mountainous.

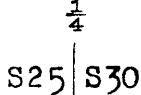
Soil, dirty gravel; 4th rate.

No timber.

Undergrowth, paloverde, oak brush, greasewood, catclaw, ocotillo, and cactus.

North, bet. secs. 25 and 30, over mountainous land, through scattering undergrowth. Asc. 100 ft.

- 5.80 Top of spur slopes W. Desc. 50 ft.
- 11.70 Bottom of gulch, course W. Asc. 280 ft.
- 22.00 Top of rocky cliff on ridge bearing E. and W. Desc. 160 ft.
- 34.40 Bottom of canyon, course W. Asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



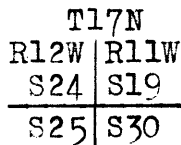
1915

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

- 43.90 Spur ridge, 130 ft. above bottom of canyon, slopes W. Desc. 40 ft.

Chains

- 49.85 Head of draw, course SW. Asc. 70 ft.
- 59.75 Top of small ridge bears E. and W. A peak bears W., 5 chs. dist. Desc. 70 ft.
- 61.50 Head of canyon, course W.
- 63.65 Asc. abruptly on S. slope. of spur, 25 ft.
- 65.60 Top of spur slopes W. Desc.
- 70.55 Draw, course W.
- 71.50 Sandy wash, 30 lks. wide, course SW., bears W., 1 ch. dist.
- 73.50 Asc. along E. bank of wash.
- 77.50 Sandy wash, 100 lks. wide, course S.10°E.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap, marked

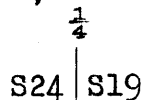


1915

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

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 Timber, none.  
 Undergrowth, paloverde, oak brush, greasewood, catclaw, ocotillo and cactus.

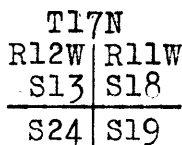
- 15.60 North, bet. secs. 19 and 24, over mountainous land, through scattering undergrowth. Asc. 230 ft., on SW. slope.
- 20.00 Spur slopes SE. A peak bears NW., 4 chs. dist. Desc. 50 ft., on NE. slope.
- 24.75 Ft. of descent. Asc. 110 ft.
- 28.50 Top of spur slopes E. Desc. 20 ft., on N. slope.
- 40.00 Small ravine, course E. Asc. on S. slope.
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



1915

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

- 60.00 Asc. on SE. slope.
- 80.00 Top of ridge, 550 ft. above ravine at 28.50 ch. pt., bears E. and NW. Desc. 475 ft., on NW. slope.
- Bottom of ravine; wash, 20 ft. wide, course SW.
- Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap, marked



1915

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

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, oak brush, mesquite and cactus.



Chains

North, bet. secs. 13 and 18,  
over mountainous land, through dense undergrowth.  
Asc. 110 ft., on SW. slope.

10.10 Point of spur sloping SW. Desc. 50 ft.

12.90 Gulch, course SW. Asc. 175 ft.

23.70 Top of ridge bears E. and W. Desc. 190 ft., on N. slope.

33.00 Gulch, course NW.

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

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

1916

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

Thence over broken W. slope.

54.10 Point of spur, sloping NW. Desc. 165 ft., on abrupt NE.  
slope.

62.10 Gulch, course W. Asc. 160 ft., on broken SW. slope.

73.60 Top of spur sloping W. Desc. 45 ft.,

80.00 In gulch, course SW.,

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, with brass  
cap, marked

T17N  
R12W | R11W  
S12 | S7  
-----  
S13 | S18

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, catclaw and mesquite.

North, bet. secs. 7 and 12,  
over mountainous land, through dense undergrowth.  
Asc. 80 ft., on SW. slope.

4.85 Point of spur slopes W. Desc. 135 ft., on abrupt NW. slope.

9.40 Gulch, course SW. Asc.

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

$\frac{1}{4}$   
S12 | S7

1916

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

40.95 Top of ridge, 450 ft. above gulch, bears N.70°E. and S.70°W.  
Desc. 300 ft., on abrupt N. slope.

57.99 Gulch, course W. Asc. 30 ft.

61.50 Point of spur sloping W. Asc. 220 ft., on abrupt SE. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, with brass cap,  
marked

T17N  
R12W | R11W  
S1 | S6  
-----  
S12 | S7

1916

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

E. bdy., T. 17 N., R. 12 W.

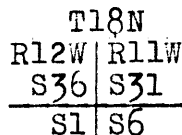
Chains

Land, mountainous.  
Soil, loose rocky; 4th rate.  
No timber.  
Undergrowth, catclaw, cactus and oak brush.

North, bet. secs. 1 and 6,  
over rolling mountainous land, through dense undergrowth.  
Asc. 420 ft., on abrupt SE. slope.  
36.40 Top of spur sloping W. Desc. on abrupt NW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S1 | S6  
 1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

49.85 Head of gulch, course SW. 185 ft. below spur. Asc. 20 ft.  
53.35 Point of spur sloping SW. Desc. 10 ft.  
58.35 Head of gulch, course SW. Asc. 140 ft., on abrupt SW. slope.  
65.00 Point of spur sloping W. Desc. 45 ft.  
71.25 Head of gulch, course SW. Asc. 45 ft.  
73.70 Top of ridge bears E. and W. Desc. 160 ft.  
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for cor. of Tps. 17 and 18 N., Rs. 11 and 12 W.,  
with brass cap, marked



T17N  
 1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 S. of cor.

Land, rolling mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush, catclaw, cactus and other thorny  
shrubs.

N. Bdy., T. 17 N., R. 12 W.

From the cor. of Tps. 17 and 18 N., Rs. 11 and 12 W.,  
hereinbefore described, W., on a random line, on N. bdy.  
of T. 17 N., R. 12 W. At 479.16 chs. fall 170 lks. N.  
of the cor. of Tps. 17 and 18 N., Rs. 12 and 13 W.,  
which is a 3 in. iron post, with brass cap, marked, set  
and witnessed as described by the surveyor general.  
I change cor. to relate solely to R. 13 W., by effacing  
marks on brass cap referring to area E. of line.

I return to the cor. of Tps. 17 and 18 N., Rs. 11 and 12 W.;

Thence West, on a true line, bet. secs. 1 and 36, over  
rolling mountainous land, through dense undergrowth.  
Desc. 50 ft., on gradual NW. slope.

7.90 Draw, course N. Asc. 40 ft.  
10.80 Point of spur sloping N. Thence on broken NW. slope.  
33.80 Gulch, course NW. Asc.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Chains

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

S 36
1/4 -----
S 1

1916

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

Asc. gradually on NE. slope.

45.00 Point of spur sloping N. Desc. 85 ft.

51.75 Gulch, course NW. Asc. 105 ft.

60.55 Point of spur sloping N. Desc. 425 ft.

78.50 Gulch, course NW.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap, marked

T18N	R12W
S35	S36
S2	S1
T17N	

1916

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

Land, rolling mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, chaparral.

West, bet. secs. 2 and 35, over rolling land, through dense undergrowth. Asc. 70 ft., on NE. slope.

7.90 Point of spur sloping N. Desc. 85 ft.

15.75 Draw, course NW. Asc. 40 ft.

22.70 Ridge bears NW. and S.60°E. Desc. 130 ft.

40.00 At head of gulch, course SW., Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

S35
1/4 -----
S 2
1916

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

Asc. gradually on SE. slope.

43.60 Top of spur sloping S. Desc. 35 ft.

58.55 Gulch, course SW. Asc. 30 ft.

65.90 Point of ridge sloping NW. Desc. 70 ft.

72.55 Draw, course NW.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap, marked

T18N	R12W
S34	S35
S3	S2
T17N	
1916	

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

Land, rolling.

Soil, rocky; 4th rate.

No timber.

Undergrowth, chaparral.

Chains

West, bet. secs. 3 and 34,  
over rolling mountainous land, through dense undergrowth.  
Desc. 250 ft., on broken NW. slope.

27.10

Gulch, course SW. Asc. 35 ft.

34.10

Top of spur sloping SW. Desc. 70 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

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

1916

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

Desc. gradually along top of spur, 80 ft.

63.40

Desc. 260 ft. on abrupt SW. slope.

74.50

Gulch, course NW. Asc. 70 ft.

80.00

On top of spur, near point, sloping N.,

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for cor. of secs. 3, 4, 33 and 34, marked on brass  
cap

T18N	R12W
S33	S34
S4	S3
T17N	
1916	

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

Land, rolling mountainous.  
Soil, 4th rate, with loose rock.  
No timber.  
Undergrowth, chaparral.

West, bet. secs. 4 and 33,  
over mountainous land, through dense undergrowth.  
Desc. 50 ft., on NW. slope.

5.00

Draw, course N. Asc. 190 ft., on NE. slope.

19.50

Point of spur sloping N. Desc. 135 ft., on abrupt NW. slope.

24.10

Ravine, course N. Asc. 50 ft.; on NE. slope.

39.00

Point of spur sloping NW. Desc. gradually on SW. slope.

40.00

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

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

1916

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

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for cor. of secs. 4, 5, 32 and 33, with brass  
cap, marked

T18N	R12W
S32	S33
S5	S4

T17N  
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, chaparral.

Chains

West, bet. secs. 5 and 32,  
 over mountainous land, through dense undergrowth.  
 Desc. 490 ft., on abrupt W. slope.  
 Thence desc. gradually on NW. slope.  
 27.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 40.00 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  S32  
 S 5  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 Desc. gradually on SW. slope.  
 44.00 Gulch, course S.60°W. Thence over rolling land.  
 71.00 Point of spur sloping SW. Desc. 85 ft.  
 79.50 Gulch, course SW.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 5, 6, 31 and 32, with brass  
 cap, marked

T18N R12W  
S31 S32  
 S6 S5  
 T17N  
 1916

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

West, bet. secs. 6 and 31,  
 over rolling land, through dense undergrowth.  
 Asc. on gradual SE. slope.  
 2.50 Point of spur slopes SW.  
 7.45 Draw, course SW.  
 13.40 Point of spur slopes SW.  
 27.00 Gulch, course SW.  
 31.90 Point of spur sloping SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  S31  
 S 6  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 Thence on broken rolling slope, draining generally to W.  
 79.16 Intersect E. bdy. of Tp. 18 N., R. 13 W., 170 lks. N. of the  
 cor. of Ts. 17 and 18 N., Rs. 12 and 13 W., which is a  
 3 in. iron post, firmly set, marked and witnessed as de-  
 scribed by the Surveyor General. I change this cor. to  
 refer solely to the area W. of range line by effacing  
 marks on cap relating to area E. of same.  
 At point of intersection, I set an iron post, 3 ft. long,  
 3 ins. diam., 24 ins. in the ground, for closing cor. of  
 Ts. 17 and 18 N., Rs. 12 W., marked on brass cap

T18N  
 R12W  
 C S31  
C S 6  
 T17N  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 E. of cor.  
 Land, rolling  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, chaparral.

Subdivision of T. 17 N., R. 12 W.

Chains

Beginning at the standard cor. of secs. 35 and 36, on S. bdy. of Tp., (4th St. Par. N.); hereinbefore described;

N.0°01'W., bet. secs. 35 and 36, over mountainous land, through scattering undergrowth. Desc. 45 ft., on NW. slope.

2.00 Gulch, course SW. Asc. 350 ft., on S. slope.

18.85 Spur sloping SW. Desc. 20 ft.

24.03 Coulee, course S.70°W. Asc. 20 ft.

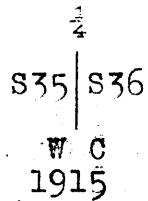
27.00 Spur sloping W. Desc. 20 ft.,

28.93 Coulee, course W. Asc. 65 ft.

34.85 Spur slopes W. Thence over W. slope.

40.00 Point for 1/4 sec. cor. falls at point where it is impracticable to set same. Therefore at

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



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

Desc. 40 ft., on NW. slope.

44.95 Coulee, course SW. Asc. 165 ft., on S. slope.

52.50 Ridge bears NW. and SE. Desc. 25 ft., on NE. slope.

54.50 Swale, course E. Asc. 15 ft.

57.65 Spur slopes E. Desc. 30 ft.

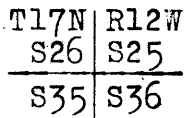
61.40 Swale. Asc. 20 ft.

67.40 Spur slopes E. Desc. 25 ft.

79.40 Gulch, course SE.

80.00 In gulch,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked



1915 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, cactus and yucca.

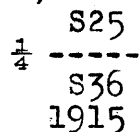
East, on a random line, bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect E. bdy. of Tp. 22 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence S.89°51'W., on a true line, bet. secs. 25 and 36, over mountainous land, through scattering undergrowth. Desc. on SW. slope.

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



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

40.50 Ravine, 260 ft. below sec. cor., course SW.

48.00 Spur, 50 ft. above ravine, sloping SW. Desc. 130 ft., on NW. slope.

Chains

79.00 Ravine, course NE.  
 80.06 The cor. of secs. 25, 26, 35 and 36.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, crucifixion thorn, oak brush, cactus and yucca.

N.0°01'W., bet. secs. 25 and 26,  
 over mountainous land, through scattering undergrowth.  
 Asc. 100 ft., on S. slope.  
 13.90 Spur slopes E. Desc. 125 ft., on N. slope.  
 23.65 Gulch, course W. Asc. 20 ft.  
 24.60 Spur slopes W. Desc. 15 ft.  
 26.60 Gulch, course SW. Asc. on SE. slope.  
 38.00 Fence, wire, bears NNE. and SSW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S26 | S25

1915

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

42.50 Spur, 250 ft. above gulch, slopes SW. Desc. 75 ft.  
 45.40 Gulch, course E. Asc. 25 ft.,  
 48.85 Spur slopes W. Desc. 80 ft.  
 55.00 Gulch, course SW. Asc. on SE. slope.  
 57.10 Fence, wire, bears WSW. and ENE.  
 70.75 Ridge, 360 ft. above gulch, bears E. and W. Desc. 125 ft., on N. slope.

79.55 Gulch, course E.  
 80.00 Point for cor. of secs. 23, 24, 25 and 26 falls under large boulder, where it is impracticable to set cor. Therefore, at a point 4 lks. W. of true cor. point, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 23, 24, 25 and 26, with brass cap, marked

T17N | R12W  
 S23 | S24  
 S26 | S25 WC

1915

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

Land, mountainous.  
 Soil, sandy and rocky; 4th rate.  
 No timber.  
 Undergrowth, cactus and oak brush.

From true point for cor. of secs. 23, 24, 25 and 26,  
 East, on a random line, bet. secs. 24 and 25.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect E. bdy. of Tp. 7 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence S.89°57'W., on a true line, bet. secs. 24 and 25,  
 over mountainous land, through scattering undergrowth.  
 Asc. 290 ft., on SE. slope of ridge.  
 12.25 Top of ridge bears NE. and SW. Desc. 360 ft., on NW. slope.  
 30.65 Sandy wash, 30 lks. wide, in gulch, course SW. Asc. 100 ft., on SE. slope.  
 38.00 Top of ridge bears NE. and SW. Desc. on SW. slope.

Subdivision of T. 17 N., R. 12 W.

Chains

40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 S24  
 $\frac{1}{4}$  -----  
 S25  
 1915  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

50.25 Sandy wash, in gulch, 165 ft. below ridge, course SW. Asc. 75 ft., on SE. slope.

60.60 Point of spur ridge bears NE. Desc. 125 ft., along SW. slope of spur.

74.00 Sandy wash, in gulch, course SE. Asc. 30 ft., on NE. slope.

80.10 The true point for cor. of secs. 23, 24, 25 and 26.

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, oak brush, cactus and greasewood.

-----

From the true point for cor. of secs. 23, 24, 25 and 26, N.0°01'W., bet. secs. 23 and 24,  
 over mountainous land, through scattering undergrowth.  
 Desc. 15 ft., on NE. slope.

6.15 Small ravine, course SE. Asc. 115 ft., on S. slope.

18.85 Ridge bears E. and W. Desc. 120 ft., on N. slope.

39.65 Sandy wash, 18 lks. wide, course W. Asc. on SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$   
 S23 | S24  
 1915  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

45.60 Ridge, 50 ft. above wash, bears NE. and W. Desc. 60 ft., on broken slope.

64.15 Ravine, course W. Asc. 90 ft., on SE. slope.

73.00 Ridge bears NE. and SW. Desc. 75 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap, marked  
 T17N | R12W  
 S14 | S13  
 -----  
 S23 | S24  
 1915  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, oak brush and cactus.

-----

East, on a random line, bet. secs. 13 and 24.

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

80.16 Intersect E. bdy. of Tp. 17 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence S.89°53'W., on a true line, bet. secs. 13 and 24, over mountainous land, through scattering undergrowth, along broken S. slope, descending in ravine.

4.00 Asc. slope of low spur.

7.00 Top of same, sloping SW. Desc. on NW. slope of spur.

11.30 Ravine, course SW. Asc. gradually, along SE. slope.



Chains

29.60 Spur slopes S. Desc. gradually over SW. slope.  
 40.08 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S13  
 $\frac{1}{4}$  -----  
 S24  
 1915

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Desc. 140 ft., over NW. slope.

53.75 Asc. 25 ft. on slope of small spur.  
 62.15 Top of same, sloping SW.  
 70.12 Desc. on NW. slope.  
 80.16 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, catclaw, cactus and oak brush.

N.0°01'W., bet. secs. 13 and 14, over mountainous land, through scattering undergrowth.  
 Asc. 165 ft., on SW. slope.

13.30 Point of spur sloping S.60°W. Desc. 85 ft.  
 22.65 Gulch, course SW. Asc. on abrupt S. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S14 | S13  
 1916

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

40.95 Ridge bears NW. and SE., 360 ft. above gulch. Desc. 450 ft., on abrupt NE. slope.  
 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, with brass cap, marked

T17N	R12W
S11	S12
S14	S13

1916

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

Land, rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, catclaw, cactus and oak brush.

40.00 East, on a random line, bet. secs. 12 and 13.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect E. bdy. of Tp. 2 lks. N. of cor of secs. 7, 12, 13 and 18, hereinbefore described.

Thence N.89°59'W., on a true line, bet. secs. 12 and 13, over broken rolling mountainous land, through scattering undergrowth. Desc. 35 ft.

8.00 Gulch, course SW. Asc. 55 ft.  
 10.35 Point of spur sloping S. Desc. 60 ft.  
 17.85 Draw, course S. Asc. 70 ft.  
 27.80 Point of spur sloping S. Desc. 135 ft.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

Chains

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

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 49.70 Draw, course S. Asc. 25 ft.
- 54.70 Point of spur sloping S. Desc. 130 ft., gradually, on SW slope.
- 68.40 Gulch, course N.60°W. Asc. 70 ft., on gradual NE. slope.
- 77.10 Point of spur sloping NW. Desc. 50 ft., on gradual NW. slope.
- 80.00 The cor. of secs. 11, 12, 13 and 14.

Land, broken and rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, catclaw, cactus and oak brush.

- N.0°01'W., bet. secs. 11 and 12, over rolling mountainous land, through scattering undergrowth. Desc. 70 ft., on gradual N. slope.
- 6.90 Gulch, course W. Asc. 355 ft., on abrupt S. slope.
- 23.50 Top of spur sloping S.60°W. Desc. abrupt NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Desc. on abrupt N. slope.
- 42.50 Gulch, 250 ft. below spur, course W. Asc. 65 ft.
- 45.00 Point of spur sloping W. Desc. 65 ft.
- 53.25 Gulch, course W. Asc. 90 ft.
- 58.00 Point of spur sloping W. Desc. 140 ft.
- 70.00 Main gulch, course S.50°W. Asc. 225 ft., on abrupt S. slope.
- 77.00 Top of ridge bears NE. and SW. Desc. 40 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked

T17N | R12W  
 S2 | S1  
 S11 | S12

1916

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

Land, rolling mountainous.  
 Soil, rocky: 4th rate.  
 No timber.  
 Undergrowth, catclaw, crucifixion thorn and oak brush.

- East, on a random line, bet. secs. 1 and 12.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.88 Intersect E. bdy. of Tp. 20 lks. N. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence N.89°51'W., on a true line, bet. secs. 1 and 12, over mountainous land, through scattering undergrowth. Asc. 100 ft.

- 6.40 Top of spur sloping SW. Desc. 510 ft., on abrupt W. slope.
- 32.60 Deep ravine, course SW. Asc. 70 ft.
- 38.90 Point of spur sloping S. Desc. on abrupt SW. slope.

Chains	
39.94	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ -----
	S12
	1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
46.70	Main gulch, 200 ft. below spur, course NW. Asc. 30 ft.
48.80	Point of spur sloping N. Desc. 60 ft.
50.90	Same gulch, course SW. Asc. 50 ft.
52.80	Point of spur sloping S. Desc. 70 ft.
61.40	Same gulch, course N.60°W. Asc. 40 ft.
68.50	Point of spur sloping NW. Desc. 110 ft.
74.20	Same gulch, course SW. Asc. 115 ft.
79.00	Sour slopes SW.
79.88	The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, catclaw, cactus and oak brush.
-----	
	N.0°01'W., on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.71	Intersect N. bdy. of Tp. 22 lks. E. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	Thence S.0°10'E., on a true line, bet. secs. 1 and 2, over mountainous land, through scattering undergrowth. Asc. 220 ft., on NW. slope.
14.60	Ridge bears NE. and SW. Desc. 235 ft.
32.70	Spur slopes SW. Continue descent on SW. slope.
39.71	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$
	S2   S1
	1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
48.60	Ravine, course SW. 200 ft. below spur. Asc. 75 ft.
52.70	Spur sloping SW. Desc. 100 ft., on SW. slope.
65.80	Ravine, course SW. Asc. 30 ft., on NW. slope.
73.80	Spur sloping SW. Desc. 80 ft., on SW. slope.
79.71	The cor. of secs 1, 2, 11 and 12.
	Land, mountainous. Soil, rocky; 3rd rate. No timber. Undergrowth, paloverde, cactus and oak brush.
-----	
	From the standard cor. of secs. 34 and 35, on S. bdy. of Tp., (4th St. Par. N.) hereinbefore described;
	N.0°01'W., bet. secs. 34 and 35, over mountainous land, through scattering undergrowth. Asc. 50 ft., on SE. slope.
7.80	Ridge bears NE. and SW. Desc. 80 ft., on NW. slope.
19.25	Ravine, course SW. Asc. 40 ft., on broken S. slope.
23.70	Spur sloping SW. Desc. 25 ft., on NW. slope.
37.15	Ravine, course SW. Asc. on broken SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

Chains

$\frac{1}{4}$   
 S34 | S35

1915

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

77.70 Ridge, 300 ft. above ravine, bears NE. and SW. Desc. 50  
 ft., on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 26, 27, 34 and 35, with brass  
 cap, marked

T17N | R12W  
 S27 | S26  
 S34 | S35

1915

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

Land, mountainous.  
 Soil, rocky; 4<sup>th</sup> rate.  
 No timber.  
 Undergrowth, cactus, oak brush, yucca, mesquite and  
 crucifixion thorn.

40.00 East, on a random line, bet. secs. 26 and 35.  
 Set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N. and S. line 10 lks. N. of the cor. of secs.  
 25, 26, 35 and 36.

Thence N.  $89^{\circ}56'$  W., on a true line, bet. secs. 26 and 35,  
 over mountainous land, through scattering undergrowth.  
 Asc. 55 ft.

8.00 Spur sloping S. Desc. 110 ft., on NW. slope.

23.00 Ravine, course SW. Asc. gradually, 30 ft., on SE. slope.

40.00 On ridge, bearing NE. and SW.,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  -----  
 S26  
 S35  
 1915

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Desc. 115 ft., on NW. slope.

60.00 Ravine, course NW. Asc. 130 ft.

71.00 Spur sloping NW. Desc. 80 ft., on NW. slope.

80.00 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.  
 Soil, rocky; 4<sup>th</sup> rate.  
 No timber.  
 Undergrowth, crucifixion thorn, yucca and oak brush.

N.  $0^{\circ}01'$  W., bet. secs. 26 and 27,  
 over mountainous land, through scattering undergrowth.  
 Desc. 180 ft., on NE. slope.

13.60 Gulch, course NW. Asc. 60 ft., on SW. slope.

17.00 Spur ridge, slopes W. Desc. 150 ft.

21.00 Gulch, course W. Asc. 130 ft.

28.90 Spur sloping W. Desc. 140 ft.

34.10 Gulch, course SW. Asc.

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

$\frac{1}{4}$   
 S27 | S26  
 1915

Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
46.70 Spur, 220 ft. above gulch, slopes W. Desc. 65 ft.  
51.60 Gulch, course WSW. Asc. 550 ft., on SW. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 22, 23, 26 and 27, with brass  
cap, marked

T17N	R12W
S22	S23
S27	S26

1915

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

Land, mountainous.

Soil, sandy and rocky; 4th rate.

No timber.

Undergrowth, cactus, catclaw and oak brush.

40.00 East, on a random line, bet. secs. 23 and 26.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.20 Intersect N. and S. line at the true point for the cor.  
of secs. 23, 24, 25 and 26.

Thence West, on a true line, bet. secs. 23 and 26,  
over mountainous land, through scattering undergrowth. Asc.  
.04 Witness cor. to cor. of secs. 23, 24, 25 and 26.  
4.80 Top of rock ledge bears SW. and NE.  
9.75 Top of spur sloping S., 115 ft. above pt. for sec. cor.  
Desc. on SW. slope.

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

S23
$\frac{1}{4}$ -----
S26
1915

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
55.95 Gulch, 425 ft. below spur, course S.. Asc. 395 ft., on NW.  
slope.  
80.00 Top of ridge bears NW. and SE.  
80.20 The cor. of secs. 22, 23, 26 and 27.

Land, mountainous.

Soil, rocky and sandy; 4th rate.

No timber.

Undergrowth, mesquite, cactus, and yucca.

N.0°01'W., bet. secs. 22 and 23,  
over mountainous land, through scattering undergrowth.  
Desc. 50 ft.  
5.30 Asc. 50 ft.  
12.80 Spur sloping NE. Desc.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S22	S23
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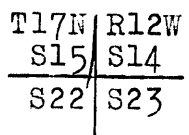
1915

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

Subdivision of T. 17 N., R. 12 W.

Chains

- 50.00 Ravine, 500 ft. below spur; course W. Asc. 50 ft., on S. slope.
- 55.30 Top of ridge bears NE. and SW. Desc. 200 ft., on NE. slope.
- 72.30 Sandy wash, 3 chs. wide, course W. Asc. 100 ft., on SW. slope.
- 77.10 Top of spur sloping NW. Desc. 40 ft.
- 79.10 Sandy wash, course SW. Asc. 25 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap, marked



1915

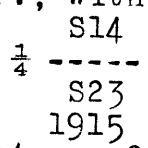
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and oak brush.

- 40.00 East, on a random line, bet. secs. 14 and 23.
- 80.14 Set temp. ¼ sec. cor.  
 Intersect N. and S. line 9 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence S.89°56'W., on a true line, bet. secs. 14 and 23, over mountainous land, through scattering undergrowth. Desc. 100 ft., on NW. slope.

- 24.90 Head of draw, course W.
- 31.60 Draw, course SW. Asc. 50 ft., on SE. slope.
- 36.60 Top of spur sloping SW. Desc. along S. slope.
- 40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

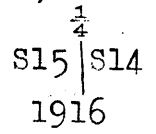


and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

- 63.20 Desc. along NW. slope.
- 63.20 Ravine, 225 ft. below spur, course SW. Asc. 25 ft., on SE. slope.
- 68.25 Top of small ridge bears NE. and SW. Desc. 100 ft., on NW. slope.
- 75.10 Ravine, course SW.
- 80.14 The cor. of secs. 14, 15, 22 and 23.

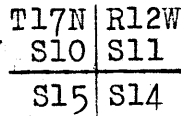
Land, mountainous.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, oak brush and cactus.

- 9.00 N.0°01'W., bet. secs. 14 and 15, over mountainous land, through scattering undergrowth. Asc. 170 ft., on SE. slope.
- 17.10 Spur slopes SW. Desc. 65 ft., on NW. slope.
- 34.00 Ravine, course SW. Asc. 100 ft., on SE. slope.
- 40.00 Spur slopes SW. Desc. 35 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



Chains

80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Asc. gradually, 90 ft., on broken S. slope.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked



1916

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

Land, mountainous.

Soil, 4th rate.

No timber.

Undergrowth, crucifixion thorn, paloverde, cactus, yucca, and oak brush.

40.00 East, on a random line, bet. secs. 11 and 14.  
 Set temp. ¼ sec. cor.  
 80.08 Intersect N. and S. line 9 lks. S. of the cor. of secs. 11, 12, 13 and 14.

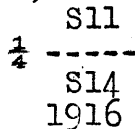
Thence S.89°56'W., on a true line, bet. secs. 11 and 14, over mountainous land, through scattering undergrowth. Asc. gradually.

11.10 Spur slopes N. Desc. 220 ft., on NW. slope.

28.10 Ravine, course NW. Asc. 90 ft., on NE. slope.

37.00 Spur slopes N. Desc. on NW. slope.

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



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

47.10 Ravine, 55 ft. below spur, course N. Asc. 90 ft., on broken NE. slope.

53.70 Spur slopes N. Desc. 190 ft., on broken NW. slope.

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

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

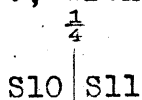
Undergrowth, paloverde, oak brush, mesquite and cactus.

11.50 N.0°01'W., bet. secs. 10 and 11, over mountainous land, through scattering undergrowth. Asc. 70 ft., on SE. slope.

35.00 Spur slopes SW. Desc. 300 ft., on NW. slope.

40.00 Ravine, course NW. Asc. on SW. slope.

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



1916

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

54.00 Spur, 270 ft., above ravine, slopes SW. Desc. 90 ft., on NW. slope.

68.80 Ravine, course SW. Asc. 300 ft., on SE. slope.

Chains

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, with brass cap, marked

T17N	R12W
S3	S2
S10	S11

1916

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

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, palo verde, crucifixion thorn, oak brush, cactus and mesquite.

401.00

East, on a random line, bet. secs. 2 and 11.

Set temp. ¼ sec. cor.

80.08 Intersect N. and S. line at the cor. of secs. 1, 2, 11 and 12.

Thence West, on a true line, bet. secs. 2 and 11, over mountainous land, through scattering undergrowth. Desc. 130 ft., on NW. slope.

9.50

Ravine, course NW. Asc. 120 ft., on NE. slope.

20.00

Spur slopes NW. Desc. 30 ft., on NW. slope.

22.10

Ravine, course N. Asc. 130 ft., on NE. slope.

37.00

Spur slopes NW. Desc. on SW. slope.

40.04

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

S 2

¼ -----

S11

1916

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

73.70

Head of ravine, 280 ft. below spur, course SW. Asc. 80 ft., on SE. slope.

80.08

The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, oak brush, paloverde, crucifixion thorn and cactus.

40.00

N.0°01'W., on a random line, bet. secs. 2 and 3.

79.79

Set temp. ¼ sec. cor.

Intersect N. bdy. of Tp. 14 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

Thence S.0°07'E., on a true line, bet. secs. 2 and 3, over mountainous land, through scattering undergrowth. Desc. 70 ft.

14.80

Ravine, course SW. Asc. 250 ft., on NW. slope.

26.60

Spur slopes SW. Desc. on SE. slope.

39.79

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

S3 | S2

1916

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

57.80

Ravine, 565 ft. below spur, course SW. Asc. 370 ft., on



Chains

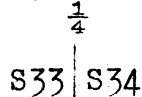
broken NW. slope.  
 76.80 Spur slopes SW. Desc. 50 ft., on SW. slope.  
 79.79 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, oak brush,  
 cactus and mesquite.

From the standard cor. of secs. 33 and 34, on S. bdy. of  
 Tp., (4th St. Par. N.) hereinbefore described;

N.0°02'W., bet. secs. 33 and 34,  
 over mountainous land, through scattering undergrowth.  
 Desc. gradually, 25 ft.

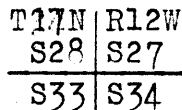
16.00 Ravine, course SW. Asc. 120 ft., on SE. slope.  
 26.00 Spur slopes SW. Continue ascent on SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



1915

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

41.00 Spur slopes SW. Desc. 65 ft., on NW. slope.  
 44.55 Ravine, course SW. Asc. 130 ft., on SE. slope.  
 59.50 Spur slopes SW. Desc. 270 ft., on NW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 27, 28, 33 and 34, with brass  
 cap, marked



1915

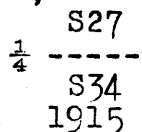
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, paloverde, cactus, yucca and crucifixion  
 thorn.

40.00 East, on a random line, bet. secs. 27 and 34.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.88 Intersect N. and S. line 2 lks. S. of the cor. of secs.  
 27, 28, 33 and 34.

Thence S.89°59'W., on a true line, bet. secs. 27 and 34,  
 over mountainous land, through scattering undergrowth.  
 Asc. 200 ft., on NE. slope.

14.00 Spur sloping NW. Desc. on broken SW. slope.  
 30.00 Spur slopes SW. Continue descent on NW. slope.  
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

48.50 Ravine, 600 ft. below 14 ch. pt., course NW. Asc. 325 ft.,  
 on NE. slope of spur.

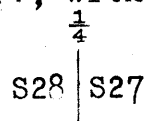
Chains

79.88 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, paloverde, crucifixion thorn, cactus and yucca.

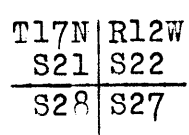
N.0°02'W., bet. secs. 27 and 28,  
over mountainous land, through scattering undergrowth.  
Desc. 60 ft.

10.00 Ravine, course SW. Asc. 350 ft., on SE. slope.  
24.40 Spur slopes SW. Desc. 85 ft., on NW. slope.  
29.85 Ravine, course SW. Asc. 100 ft., on SE. slope.  
35.50 Spur slopes SW. Desc. 115 ft., on NW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



1915  
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

46.80 Ravine, course SW. Asc. 140 ft., on SE. slope.  
62.00 Spur slopes SW. Desc. 60 ft., on NW. slope.  
68.30 Ravine, course SW. Asc. 125 ft., on SE. slope.  
77.00 Spur slopes SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap, marked



1915  
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, paloverde, cactus, yucca and crucifixion thorn.

40:00 East, on a random line, bet. secs. 22 and 27.  
Set temp. 1/4 sec. cor.  
79.54 Intersect N. and S. line 10 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence N.89°56'W., on a true line, bet. secs. 22 and 27,  
over mountainous land, through scattering undergrowth.  
Desc. 75 ft., on SW. slope.

13.55 Head of ravine, course SE. Asc. 80 ft., on SE. slope.  
18.50 Spur slopes SE. Desc. on SW. slope.  
19.00 Peak bears N., 5 chs. dist.  
39.77 Point for 1/4 sec. cor. falls on a quartzite boulder, 25x15x10 ft., above ground.  
Mark a cross at the exact point for 1/4 sec. cor., with 1/4 on N. side, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

72.35 Ravine, 750 ft. below spur, course SW. Asc. 50 ft., on SE. slope.  
77.55 Spur slopes SW. Desc. 40 ft., on SW. slope.  
79.54 The cor. of secs. 21, 22, 27 and 28.

Chains

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, cactus and yucca.

3.00 N.0°02'W., bet. secs. 21 and 22,  
 over mountainous land, through dense undergrowth.  
 11.40 Ravine, course SW. Asc. 80 ft., on SE. slope.  
 30.40 Ridge bears NE. and SW. Desc. 160 ft., on broken NW. slope.  
 40.00 Ravine, course SW. Asc. 175 ft., on SE. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S21 | S22

1916

43.40 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 58.00 Spur slopes SW. Desc. 195 ft., on NW. slope.  
 71.60 Ravine, course SW. Asc. 350 ft., on SE. slope.  
 80.00 Ridge bears NE. and SW. Desc. 75 ft., on broken N. slope.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 15, 16, 21 and 22, with brass  
 cap, marked

T17N | R12W  
 S16 | S15  
 S21 | S22

1916

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

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, oak brush, and  
 catclaw, yucca and cactus.

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

8.70 Thence N.89°54'W., on a true line, bet. secs. 15 and 22,  
 28.10 over mountainous land, through scattering undergrowth.  
 35.70 Asc. 145 ft., on SE. slope.  
 39.85 Spur slopes SW. Desc. 150 ft., on NW. slope.  
 Ravine, course SW. Asc. 115 ft., on SE. slope.  
 Spur slopes SW. Desc.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.  
 50.20 Ravine, 220 ft. below spur, course SW. Asc. gradually,  
 40 ft., on broken N. slope.  
 79.70 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.  
 Soil, 4th rate.  
 No timber.  
 Undergrowth, paloverde, yucca, catclaw and cactus.

Chains

N.0°02'W., bet. secs. 15 and 16,  
 over mountainous land, through scattering undergrowth.  
 Asc. 175 ft., on SE. slope.  
 15.90 Ridge bears NE. and SW. Desc. 140 ft., on broken NW. slope.  
 39.10 Ravine, course SW. Asc. on broken SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S16	S15
-----	-----

1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Continue ascent, 250 ft.,  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 9, 10, 15 and 16, with brass  
 cap, marked

T17N	R12W
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.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, yucca, cactus  
 and catclaw.

40.00 East, on a random line, bet. secs. 10 and 15.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.78 Intersect N. and S. line 10 lks. N. of the cor. of secs.  
 10, 11, 14 and 15.

Thence N.89°56'W., on a true line, bet. secs. 10 and 15,  
 over mountainous land, through scattering undergrowth.  
 Desc. on broken SW. slope.

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

S10

$\frac{1}{4}$  -----

S15

1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 62.80 Ravine, 235 ft. below sec. cor., course SW. Asc. 60 ft.,  
 on SE. slope.

72.00 Ridge bears NE. and SW. Desc. 75 ft., on SW. slope.

79.78 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, mesquite and cactus.

N.0°02'W., bet. secs. 9 and 10,  
 over mountainous land, through scattering undergrowth.  
 Asc. 100 ft., on SW. slope.

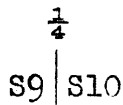
8.00 Ridge bears NE. and SW. Desc. 290 ft., on NW. slope.

28.00 Ravine, course SW. Asc. 80 ft., on SW. slope.

36.00 Spur slopes SW. Desc. 100 ft., on NW. slope.

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

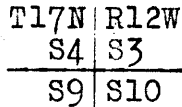
Chains



1916

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

41.00 Ravine, course SW. Asc. 300 ft., on broken S. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap, marked



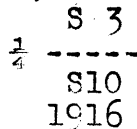
1916

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

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, cactus, cat-claw and yucca.

40.00 East, on a random line, bet. secs. 3 and 10.  
 Set temp. ¼ sec. cor.  
 79.64 Intersect N. and S. line 7 lks. N. of the cor. of secs. 2, 3, 10 and 11.

39.82 Thence N.89°57'W., on a true line, bet. secs. 3 and 10, over mountainous land, through scattering undergrowth. Desc. 575 ft., on SW. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



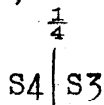
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

40.85 Ravine, course SW. Asc. 135 ft., on SE. slope.  
 60.40 Spur slopes SW. Desc. 140 ft., on NW. slope.  
 71.65 Ravine, course SW. Asc. 50 ft., on SW. slope.  
 79.64 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, cactus, cat-claw and mesquite.

40.00 N.0°02'W., on a random line, bet. secs. 3 and 4.  
 Set temp. ¼ sec. cor.  
 79.77 Intersect N. bdy. of Tp. 42 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

39.77 Thence S.0°20'E., on a true line, bet. secs. 3 and 4, over broken slopes, on mountainous land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



1916

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

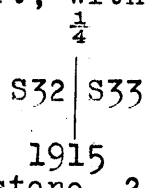
Chains

- W. of cor.
- 40.75 Ravine, course SW. Asc. 75 ft., on NW. slope.
- 45.75 Spur slopes SW. Desc. 100 ft., on S. slope.
- 50.35 Ravine, course SW. Asc. 85 ft., on NW. slope.
- 55.65 Spur sloping SW. Desc. 70 ft., on SE. slope.
- 62.75 Ravine, course SW. Asc. 20 ft., on NW. slope.
- 64.75 Spur sloping SW. Desc. 90 ft., on SW. slope.
- 73.75 Ravine, course SW. Asc. 70 ft., on NW. slope.
- 79.00 Ridge bears NE. and SW.
- 79.77 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, yucca, cactus and catclaw.

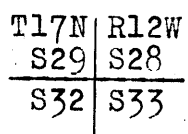
From the standard cor. of secs. 32 and 33, on S. bdy. of Tp., (4th St. Par. N.) which is a 3 in. iron post, with brass cap, firmly set, properly marked, established under current Group No. 46;

- N.0°02'W., bet. secs. 32 and 33,  
 over mountainous land, through scattering undergrowth.
- 1.60 Spur, 20 ft. above sec. cor., slopes SW. Desc. 225 ft., on broken NW. slope.
- 27.10 Draw, course WNW. Asc. 20 ft.
- 29.40 Desc. 85 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

- 45.00 Ravine, course SW. Asc. 120 ft., on SE. slope.
- 57.70 Spur slopes SW. Desc. 25 ft., on NW. slope.
- 74.60 Ravine, course SW. Asc. 100 ft., on SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap, marked



1915  
 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, paloverde, cactus, yucca and crucifixion thorn.

- 40.00 East, on a random line, bet. secs. 28 and 33.
- 80.00 Set temp.  $\frac{1}{4}$  sec. cor.
- Intersect N. and S. line 6 lks. N. of the cor. of secs. 27, 28, 33 and 34.

- Thence N.89°57'W., on a true line, bet. secs. 28 and 33, over mountainous land, through scattering undergrowth. Desc. 90 ft., on NW. slope.
- 9.00 Ravine, course SW. Asc. 210 ft., on SE. slope.
- 36.00 Spur slopes SW. Desc. on NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

Chains

S28  
 $\frac{1}{4}$  -----  
 S33  
 1915

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 60.00 Ravine, 275 ft. below spur, course SW. Asc. 50 ft., on E. slope.
- 63.30 Spur sloping SW. Desc. 90 ft., on NE. slope.
- 80.00 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.  
 Soil, rocky; 3th rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, cactus and yucca.

N.0°02'W., bet. secs. 28 and 29,  
 over mountainous land, through scattering undergrowth.  
 Asc. 65 ft., on SE. slope.

- 7.30 Spur ridge slopes SW. Desc. 35 ft., on NW. slope.
- 11.60 Ravine, course SW. Asc. 200 ft., on SE. slope.
- 24.30 Spur sloping SW. Desc. 25 ft., on NW. slope.
- 29.00 Ravine, course SW. Asc. 125 ft., on SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

1915

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 41.00 Spur slopes SW. Desc. 110 ft., on NW. slope.
- 45.75 Ravine, course SW. Asc. 50 ft., on SE. slope.
- 50.40 Spur slopes SW. Desc. 320 ft., on NW. slope.
- 79.40 Ravine, course SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap, marked

T17N | R12W  
 S20 | S21  
 S29 | S28

1915

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, paloverde, crucifixion thorn, cactus and yucca.

- 40.00 East, on a random line, bet. secs. 21 and 28.
- 80.02 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. and S. line 19 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence N.89°52'W., on a true line, bet. secs. 21 and 28,  
 over mountainous land, through scattering undergrowth.  
 Asc. 70 ft., on SE. slope.

- 7.00 Ridge bears NE. and SW. Desc. 110 ft., on NW. slope.
- 25.00 Ravine, course SW. Asc. 30 ft., on SE. slope.
- 29.80 Ridge bears NE. and SE. Desc. on NW. slope.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

Chains

S21  
1/4 -----  
S28  
1915

79.50 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
80.02 N. of cor.  
Ravine, course SW. 625 ft. below ridge.  
The cor. of secs. 20, 21, 28 and 29.

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, paloverde, crucifixion thorn, cactus and  
catclaw.

15.60 N.O°02'W., bet. secs. 20 and 21,  
20.60 over rolling mountainous land, through scattering under-  
24.45 growth. Asc. 125 ft., on SE. slope.  
29.40 Point of spur sloping E. Desc. 10 ft.  
40.00 Draw, course E. Asc. 120 ft.  
Top of spur sloping SW. Desc. 50 ft.  
Gulch, course SW. Asc. on SE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

1/4  
S20 | S21

58.00 1916  
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.  
Top of ridge, 400 ft. above gulch, bears NE. and SW.  
Desc. 50 ft.  
66.60 Draw, course SW Asc. 30 ft.  
70.10 Point of spur sloping SW. Desc. 20 ft.  
75.10 Draw, course SW. Asc. 50 ft.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 16, 17, 20 and 21, with brass  
cap, marked

T17N | R12W  
S17 | S16  
-----  
S20 | S21

1916  
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, cactus, crucifixion thorn and catclaw.

40.00 East, on a random line, bet. secs. 16 and 21.  
79.98 Set temp. 1/4 sec. cor.  
Intersect N. and S. line 12 lks. S. of cor of secs. 15,  
16, 21 and 22.

31.10 Thence S.89°55'W., on a true line, bet. secs. 16 and 21,  
39.99 over mountainous land, through scattering undergrowth.  
Desc. 300 ft., on broken W. slope.  
Ravine, course SW. Asc. on SE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

S16  
1/4 -----  
S21  
1916

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



Chains

- 48.10 N. of cor. Spur, 200 ft. above ravine, course SW. Desc. 65 ft., on NW. slope.
- 53.00 Ravine, course SW. Asc. 60 ft., on SE. slope.
- 60.20 Spur slopes SW. Desc. 50 ft., on NW. slope.
- 79.98 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, paloverde, cactus, oak brush, mesquite, and crucifixion thorn.

- 2.00 N.0°02'W., bet. secs. 16 and 17, over rolling mountainous land, through scattering undergrowth. Asc. 25 ft., on SE. slope.
- 6.85 Top of spur sloping SW. Desc. 70 ft.
- 14.25 Draw, course SW. Asc. 85 ft.
- 19.15 Point of spur sloping SW. Desc. 65 ft.
- 27.00 Gulch, course SW. Asc. 129 ft.
- 31.90 Top of spur sloping SW. Desc. 70 ft.
- 40.00 Draw, course SW. Asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S17	S16
-----	-----

1916

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

- 42.00 Point of spur, 65 ft. above draw, slopes SW. Desc. 60 ft.
- 46.90 Gulch, course SW. Asc. 135 ft.
- 55.75 Top of spur sloping SW. Desc. 60 ft.
- 62.70 Gulch, course SW. Asc. 60 ft.
- 66.15 Top of spur sloping SW. Desc. 210 ft., on abrupt NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., for cor. of secs. 8, 9, 16 and 17, 24 ins. in the ground, with brass cap, marked

T17N	R12W
S8	S9
S17	S16

1916

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

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

- 40.00 East, on a random line, bet. secs. 9 and 16.
- 80.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line 19 lks. S. of the cor. of secs. 9, 10, 15 and 16.

- 3.00 Thence S.80°52'W., on a true line, bet. secs. 9 and 16, over mountainous land, through scattering undergrowth.
- 11.00 Ravine, course SW. Asc. 55 ft., on SE. slope.
- 40.00 Ridge bears NE. and SW. Desc. on broken NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

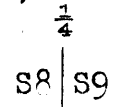
S 9	-----
S16	
1916	

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
48.80 Ravine, course SW.; 310 ft. below ridge. Asc. 25 ft., on  
SE. slope.  
54.80 Spur sloping SW. Desc. 180 ft., on NW. slope.  
75.39 Ravine, course SW. Asc. 40 ft., on SE. slope.  
80.00 The cor. of secs. 8, 9, 16 and 17.

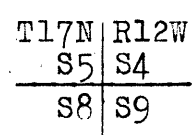
Land, mountainous.  
Soil, rocky; 3rd rate.  
No timber.  
Undergrowth, paloverde, oakbrush, crucifixion thorn,  
cactus and yucca.

N.0°02'W., bet. secs. 8 and 9,  
over rolling mountainous land, through scattering under-  
growth. Desc. 360 ft., on NW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
Desc. 20 ft.  
41.50 Gulch, course NW. Asc. 60 ft.  
55.00 Point of spur sloping W. Desc. 10 ft.  
60.00 Draw, course W. Asc. 70 ft.  
64.00 Point of spur sloping W. Asc. 60 ft.  
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, with brass  
cap, marked



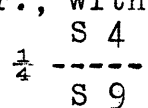
1916

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

Land, rolling mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush and catclaw.

East, on a random line, bet. secs. 4 and 9.  
40.00 Set temp. ¼ sec. cor.  
80.04 Intersect N. and S. line 8 lks. S. of the cor. of secs.  
3, 4, 9 and 10.

Thence S.89°57'W., on a true line, bet. secs. 4 and 9,  
over mountainous land, through scattering undergrowth.  
Desc. 105 ft., on W. slope.  
5.75 Gulch, course SW. Asc. 50 ft.  
20.55 Top of spur, sloping SW. Desc. 185 ft.  
36.55 Sand wash, in gulch, course N.  
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked



1916

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

Chains

41.30 Point of spur sloping N.; 35 ft. above wash. Desc. 275 ft., on NW. slope.

53.10 Ravine, course S.55°W. Asc. 50 ft.

55.50 Point of spur sloping S. Desc. 235 ft.,

69.90 Gulch, course SW.

80.04 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, cactus, paloverde, crucifixion thorn and catclaw.

40.00 N.0°02'W., on a random line, bet. secs. 4 and 5.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.97 Intersect N. bdy. of Tp. 35 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence S.0°17'E., on a true line, bet. secs. 4 and 5, over mountainous land, through scattering undergrowth. Desc. 75 ft.

6.55 Gulch, course W. Asc. 160 ft.

20.40 Top of ridge bears N.60°E. and S.60°W. Desc. 350 ft., on abrupt S. slope.

34.47 Deep ravine, course S.60°W. Asc.

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

$\frac{1}{4}$   
S5 | S4

1916

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

43.65 Point of spur, 125 ft. above ravine, sloping W. Desc. 350 ft., on abrupt SW. slope.

74.95 Draw, course S.65°W. Asc. gradually.

79.97 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, cactus, mesquite, paloverde, crucifixion thorn and catclaw.

From the standard cor. of secs. 31 and 32, on S. bdy. of Tp., (4th St. Par. N.) which is a 3 in. iron post with brass cap, firmly set, properly marked, established under current Group No. 46;

N.0°03'W., bet. secs. 31 and 32, over mountainous land, through scattering undergrowth.

2.00 Spur sloping SW. Desc. 115 ft., on NW. slope.

19.40 Ravine, course SW. Asc. 50 ft., on SE. slope.

29.70 Spur slopes SW. Desc. 80 ft., on NW. slope.

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

$\frac{1}{4}$   
S31 | S32

1915

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

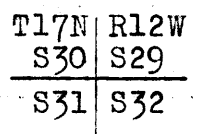
48.00 Ravine, course SW. Asc. 80 ft.

55.20 Summit of ascent.

Subdivision of T. 17 N., R. 12 W.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked



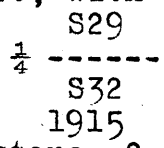
1915  
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, paloverde, crucifixion thorn, cactus, yucca, mesquite, catclaw and oak brush.

40.00 East, on a random line, bet. secs. 29 and 32.  
Set temp. ¼ sec. cor.  
79.84 Intersect N. and S. line 15 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence S.89°54'W., on a true line, bet. secs. 29 and 32, over mountainous land, through scattering undergrowth. Asc. 30 ft., on SE. slope.

1.60 Spur sloping SW. Desc. 135 ft., on NW. slope.  
8.80 Ravine, course SW. Asc. 65 ft., on SE. slope.  
11.20 Spur slopes SW. Desc. slightly on SW. slope.  
39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



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

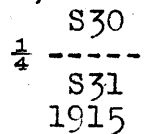
79.84 The cor. of secs. 29, 30, 31 and 32, 225 ft. below spur.

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, cactus, paloverde, crucifixion thorn and yucca.

40.00 West, on a random line, bet. secs. 30 and 31.  
Set temp. ¼ sec. cor.  
79.73 Intersect W. bdy. of Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is a 3 in. iron post, with brass cap, firmly set, properly marked; reestablished under current Group No. 46.

Thence S.89°55'E., on a true line, bet. secs. 30 and 31, over rolling land, through scattering undergrowth; ascending gradually on broken SW. and S. slopes.

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



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

79.73 The cor. of secs. 29, 30, 31 and 32, 260 ft. below the cor. of secs. 25, 30, 31 and 36.

Land, rolling.

Chains

Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, paloverde, crucifixion thorn and cactus.

N.0°03'W., bet. secs. 29 and 30,  
over rolling land, through scattering undergrowth.  
Asc. 210 ft., on broken SW. slope.

31.40 Spur slopes SW. Desc. 170 ft., on steep NW. slope.

38.00 Ravine, course SW. Asc. 140 ft., on S. slope.

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

S30 | S29

1915

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

71.50 Draw, course SW.

74.17 Fence bears NW. and SE.

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

T17N | R12W  
S19 | S20  
-----  
S30 | S29

1915

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

Land, rolling.

Soil, rocky; 4th rate.

No timber.

Undergrowth, paloverde, crucifixion thorn, cactus and yucca.

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

40.00 Set temp. 1/4 sec. cor.

79.84 Intersect N. and S. line 2 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence N.89°59'W., on a true line, bet. secs. 20 and 29,  
over mountainous land, through scattering undergrowth.  
Desc. 25 ft., on SW. slope.

10.00 Ravine, course SW. Asc. 60 ft., on SE. slope.

15.00 Spur, sloping SW. Desc. gradually on broken W. slope.

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

S20

1/4 -----

S29

1916

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

74.64 Fence, bearing NE. and SW.

77.40 Draw, course SW.

79.84 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous, and roughly rolling.

Soil, 4th rate.

No timber.

Undergrowth, paloverde, crucifixion thorn, cactus, greasewood and yucca; some juniper.

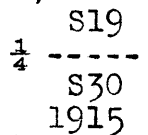
Subdivision of T. 17 N., R. 12 W.

Chains

West, on a random line, bet. secs. 19 and 30.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.03 Intersect W. bdy. of Tp. 17 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is a 3 in. iron post, with brass cap, firmly set, properly marked; established under current Group No. 46.

Thence S.89°53'E., on a true line, bet. secs. 19 and 30, over mountainous land, through scattering undergrowth. Desc. 20 ft.

3.00 Ravine, course SW. Asc. 220 ft., on broken NW. slope.  
 26.50 Spur slopes SW. Desc. 40 ft. on SE. slope.  
 31.40 Ravine, course SW. Asc. on NW. slope.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



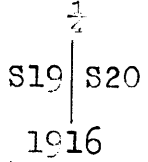
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

47.00 Spur, 100 ft. above ravine, slopes SW. Desc. 120 ft., on SE. slope.  
 57.00 Ravine, course SW. Asc. gradually, 110 ft., on NW. slope.  
 80.03 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, paloverde, crucifixion thorn and cactus.

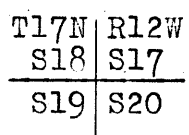
N.0°03'W., bet. secs. 19 and 20, over mountainous land, through scattering undergrowth. Asc. 30 ft., on SE. slope.

5.00 Spur sloping SW. Thence along broken W. slope.  
 23.10 Ravine, course SW. Asc. 85 ft., on SE. slope.  
 31.00 Spur slopes SW. Desc. 50 ft., on NW. slope.  
 39.00 Ravine, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

Asc. 180 ft.  
 57.55 Fence bears E. and W., on spur sloping SW. Desc. 80 ft.  
 65.60 Ravine, course SW. Asc. 245 ft., on SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked



1916

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, juniper, paloverde, crucifixion thorn, cactus, greasewood, yucca and manzanita.

Chains

40.00 East, on a random line, bet. secs. 17 and 20.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.70 Intersect N. and S. line 38 lks. N. of the cor. of secs.  
 16, 17, 20 and 21.

Thence N.89°44'W., on a true line, bet. secs. 17 and 20,  
 over mountainous land, through scattering undergrowth.  
 1.00 Ridge bears NE. and SW. Desc. 125 ft., on NW. slope.  
 15.00 Ravine, course SW. Asc. 35 ft., on SE. slope.  
 22.00 Spur slopes SW. Desc. 65 ft., on SW. slope.  
 38.00 Ravine, course SW. Asc. 25 ft., on SE. slope.  
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 44.00 Spur slopes SW. Desc. 175 ft., on broken NW. slope.  
 71.10 Ravine, course SW. Asc. 20 ft., on SE. slope.  
 76.40 Ridge bears NE. and SW.  
 79.70 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.  
 Soil, rocky; 3rd rate.  
 No timber.  
 Undergrowth, oak brush, paloverde, crucifixion thorn  
 and cactus.

40.00 West, on a random line, bet. secs. 18 and 19.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect W. bdy. of Tp. 12 lks. S. of the cor. of secs.  
 13, 18, 19 and 24, which is a 3 in. iron post, with brass  
 cap, firmly set and properly marked; reestablished under  
 current Group No. 46.

Thence S.89°55'E., on a true line, bet. secs. 18 and 19,  
 over mountainous land, through scattering undergrowth,  
 ascending on broken NW. slope.  
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 46.25 Spur, 350 ft. above sec. cor., slopes SW. Desc. 70 ft.,  
 on S. slope.  
 52.05 Ravine, course SW. Asc. 180 ft., on NW. slope.  
 64.00 Spur slopes SW. Desc. 115 ft., on SE. slope.  
 75.00 Ravine, course SW. Asc. 50 ft., on NW. slope.  
 80.06 The cor. of secs. 17, 18, 19 and 20.

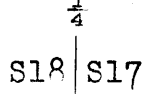
Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, paloverde, crucifixion thorn, cactus, jun-  
 iper, oak brush and catclaw.

N.0°03'W., bet. secs. 17 and 18,  
 over mountainous land, through scattering undergrowth.  
 Asc. 200 ft., on SW. slope.  
 15.20 Spur slopes SW. Desc. 125 ft., on NW. slope.  
 27.30 Ravine, course SW. Asc. 145 ft., on SW. slope.  
 39.00 Spur slopes NE.

Subdivision of T. 17 N., R. 12 W.

Chains

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



1916

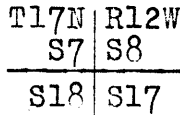
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Desc. 25 ft., on NW. slope.

43.80 Ravine, course SW. Asc. 180 ft., on SW. slope.

66.50 Spur slopes NW. Desc. 250 ft., on NW. slope.

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



1916

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

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, paloverde, crucifixion thorn, cactus and yucca.

East, on a random line, bet. secs. 8 and 17.

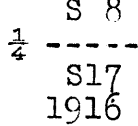
40.00 Set temp. 1/4 sec. cor.

79.62 Intersect N. and S. line 22 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence S. 89° 51' W., on a true line, bet. secs. 8 and 17, over mountainous land, through scattering undergrowth. Desc. 150 ft., on broken NW. slope.

25.30 Ravine, course NW. Asc. on NE. slope.

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



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

42.60 Spur slopes NW. Desc. 100 ft., on NW. slope.

47.60 Ravine, course NW. Asc. on broken NE. slope, 80 ft.

50.70 Summit. Desc. along broken NW. slope.

79.62 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous and broken.

Soil, rocky and gravelly volcanic ash; 3rd rate.

No timber.

Undergrowth, mesquite, paloverde, crucifixion thorn and catclaw.

West, on a random line, bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

79.85 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is a 3 in. iron post, with brass cap, firmly set and properly marked; reestablished under current Group No. 46.

Thence S. 89° 58' E., on a true line, bet. secs. 7 and 18, over mountainous land, through scattering undergrowth, on broken N. slope.



Chains

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

S 7

 $\frac{1}{4}$  -----

S 18

1916

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

51.25 Ravine, course NW. Asc. 150 ft., on abrupt slope.

64.85 Thence asc. gradually on broken NW. slope.

79.85 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, catclaw, yucca and crucifixion thorn

N.0°03'W., bet<sup>1</sup> secs. 7 and 8,  
over mountainous land, through scattering undergrowth,  
descending on broken NW. slope.

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

 $\frac{1}{4}$ 

S 7 | S 8

1916

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

79.50 Ravine, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked

T17N | R12W

S 6 | S 5

S 7 | S 8

1916

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

Land, mountainous.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, cactus, catclaw, crucifixion thorn, yucca and paloverde.

East, on a random line, bet. secs. 5 and 8.

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

79.70 Intersect N. and S. line 31 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence N.89°47'W., on a true line, bet. secs. 5 and 8,  
over broken land, through scattering undergrowth, on  
W. slope, descending gradually.

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

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.

Desc. 289 ft., along large wash, course W.

79.70 The cor. of secs. 5, 6, 7 and 8, 50 lks. N. of wash.

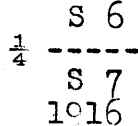
Subdivision of T. 17 N., R. 12 W.

Chains

Land, broken.  
 Soil, rocky and gravelly; 3rd and 4th rate.  
 No timber.  
 Undergrowth, catclaw, mesquite, cactus, crucifixion thorn,  
 and yucca.

40.00 West, on a random line, bet. secs. 6 and 7.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.65 Intersect W. bdy. of Tp. 8 lks. N. of the cor. of secs.  
 1, 6, 7 and 12, which is a 3 in. iron post, with brass  
 cap, firmly set and properly marked; reestablished  
 under current Group No. 46.

Thence N.  $89^{\circ}57'E.$ , on a true line, bet. secs. 6 and 7,  
 over mountainous land, through scattering undergrowth.  
 Asc. 190 ft., on NW. slope.  
 16.00 Desc. 135 ft.  
 29.65 Large wash, in ravine, course SW. Thence asc. along ravine.  
 39.65 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

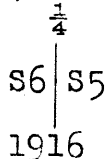


and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 77.65 Leave ravine, course W. Comes from ESE.  
 79.65 The cor. of secs. 5, 6, 7 and 8.

Land, broken.  
 Soil, gravel, with scattering rocks; 4th rate.  
 No timber.  
 Undergrowth, catclaw and crucifixion thorn.

40.00 N.  $0^{\circ}03'W.$ , on a random line, bet. secs. 5 and 6.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.40 Intersect N. bdy. of Tp. 42 lks. E. of the cor. of secs.  
 5, 6, 31 and 32, hereinbefore described.

Thence S.  $0^{\circ}21'E.$ , on a true line, bet. secs. 5 and 6,  
 over mountainous land, through scattering undergrowth.  
 .50 Draw, course SW.  
 5.40 Low spur sloping WSW. Thence over broken land, descending.  
 39.40 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 79.40 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous and rolling.  
 Soil, 3rd rate.  
 Undergrowth, cactus, catclaw and crucifixion thorn.

Boundaries of T. 17 N., R. 12 W.

Latitudes, Departures and Closing Errors.

Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N.	S.	E.	W.
			chs.	chs.	chs.	chs.
South Boundary ) (4th St. Par. N.)	West	480.00				480.00
West Boundary	North	479.52	479.52			
North Boundary	East	479.16			479.16	
East Boundary	South	480.00		480.00		
Convergency					.51	
Totals			479.52	480.00	479.67	480.00
				479.52		479.67
Error in Latitude				.48		
	Error in departure					.33

General Description.

This township lies on the W. slope of the Aquarius mountains, being extremely broken, with steep slopes, in the eastern portion: falling to rolling mountainous land and foothills in the western part. The soil is very rocky, nonagricultural in character. It supports a growth--varying from scattering to dense--of cactus, catclaw, oak brush, crucifixion thorn, palo-verde, greasewood, yucca, juniper and other desert shrubs. There is no permanent water, and there are no settlers.

**FIELD ASSISTANTS. to**  
**Harry D. Jackson & Eugene L. Harshbarger,**  
**U. S. Transitmen.**

NAMES.	CAPACITY.
W. J. Milriok,	1st chainman,
F. A. Wilson,	1st chainman,
Wm. Brennan,	2nd chainman, 1st chainman,
R. A. Aiken,	2nd chainman,
Geo. Gandett,	Moundman,
Geo. McCall,	Flagman,
Thos. Cranhow,	Axman & L.T.
Earl Langhorne	Flagman, 2nd chainman, 1st chainman
Hal. Norman,	Flagman, 1st chainman.
N. H. McManus,	Moundman,
R. L. Brandenburg,	Moundman, 2nd chainman.
L. C. Starr,	Moundman,
Ed. F. McNabb,	Moundman, 2nd chainman.
J. H. Bowers,	Moundman,
R. W. Waterman,	2nd chainman,
Tom Ridgeway,	Moundman,
S. G. Pace,	Flagman,
Wm. Conners,	Moundman, 2nd chainman.
John Reynolds,	Axman,
Dan Mooney,	Axman,

Continued on page 43.

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ <sup>TRANSITMAN</sup>

44

BOOK 3202

I, Eugene L. Harshbarger, <sup>Transitman</sup> U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 50, Arizona, bearing date of the 20th day of February, 1915, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the 4th Standard Parallel North, through part of Range 12 West, and all those parts or portions of the North and East boundaries and Subdivision Lines of TOWNSHIP 17 NORTH, RANGE 12 WEST, of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and diagram on page 1 hereof</sup> as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 50, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*Eugene L. Harshbarger*  
 U. S. ~~Surveyor~~  
 Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by

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

U. S. Surveyor General.

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

U. S. Surveyor General.



CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ TRANSITMAN

BOOK 3202

I, Harry D. Jackson, <sup>Transitman,</sup>~~Surveyor~~, U. S. ~~Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 50, Arizona, bearing date of the 20th, day of February, 1915, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the subdivision lines,

of

TOWNSHIP 17 NORTH, RANGE 12 WEST.

of the Gila and Salt

River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>& diagram on page 1 hereof,</sup> as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 50, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*H. D. Jackson*

U. S. ~~Surveyor~~  
Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, September 24, 1918.

The foregoing field notes of the survey of the 4th. Standard Parallel North, thru. part of Range 12 West, and of the North and East boundaries and Subdivision lines of

TOWNSHIP 17 NORTH RANGE 12 WEST.

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

executed by Harry D. Jackson and Eugene L. Harshbarger, U.S. Transitmen, under ~~his~~ special instructions dated February 20th, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank 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.