

3206

Book "E."

4-679

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BOOK 3206

# FIELD NOTES

OF THE SURVEY OF THE

EAST AND NORTH BOUNDARIES,

and

SUBDIVISION LINES

of

TOWNSHIP 19 NORTH, RANGE 12 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

OTIS ROSS, U. S. Surveyor,

and

A. PARKER WARNER, 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 March 6, 1916.

Survey completed March 31, 1916.

Executed under Assignment  
Instructions dated Feb. 21, 1916.

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Book "E"  
Group 50---Arizona.


BOOK 3206

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————— Previously accepted surveys.  Areas surveyed as per accepted plats on file.

E. and N. bdrs. and Subdivision of T. 19 N., R. 12 W.

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Chains

Survey executed jointly, on dates shown on diagram on page 45 of this book, by Otis Ross, U. S. Surveyor, and A. Parker Warner, U. S. Transitman, using instruments numbers 6856 and 8526 respectively. Both 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.

The transits were approved, subject to satisfactory field tests, by the assistant supervisor of surveys for Arizona and California, on February 21, 1916. A record of field tests follows:

Field Tests of Instruments, by Otis Ross.

I examine the adjustments of the transits and correct the level and collimation errors; then to test the solar apparatus, I observe Polaris with transit No. 6856 and compare meridians determined with the solars of both instruments with the true meridian thus established, as hereinafter described.

March 2, 1916.

At my camp near the SW. cor. of sec. 4, T. 19 N., R. 13 W., in Lat. 35°03' N., Long. 113°40' W., at 8h 44m, p.m., l.m.t., I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a wooden peg firmly set in the ground 5 chs. N. of my station.

March 3, 1916.

At 7h 00m, a.m., I turn off the azimuth of Polaris 1°23' to the E., and mark the meridian thus established by a tack driven in a wooden stake firmly set in the ground E. of the point set last night.

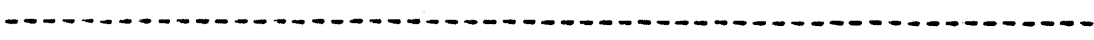
At 8h 00m, a.m., l.m.t., I set off 35°03' on the lat arcs and 6°45' S. on the decl. arcs of both transits and determine meridians with the solars.

At apparent noon, I set off 6°42' S. on the decl arcs and observe the sun on the meridian. The resulting lat. is 35°03', which is correct.

At 4h 00m, p.m., l.m.t., I set off 35°03' on the lat. arcs and 6°37' S. on the decl. arcs; and determine meridians with the solars.

The results of the a.m. and p.m. observations on the sun with both transits agree within less than one minute of arc with the true meridian determined by the observation on Polaris, from which I conclude that the adjustments are satisfactory.

The magnetic declination is 15° E.



E. Bdy. of T. 19 N., R. 12 W.

From the cor. of Tps. 18 and 19 N., Rs. 11 and 12 W., described in book C;

Chains

- North, bet. secs. 31 and 36,  
over mountainous land, through dense undergrowth, and  
scattering timber. Asc. 140 ft., on steep rocky slope.  
9.24 Ridge bears NW. and SE. Desc. on broken NE. 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
- $\frac{1}{4}$   
S36 | S31  
1916
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Desc. on broken NW. slope.  
60.00 Wash, 30 lks. wide, in canyon, course NW., 1225 ft. below  
ridge. Desc. 190 ft., on NW. slope.  
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
- T19N  
R12W | R11W  
S25 | S30  
-----  
S36 | S31  
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.  
Timber, scrub oak and pinyon.  
Undergrowth, oak brush, cactus, paloverde and greasewood.  
Grass, poor.
- 
- North, bet. secs. 25 and 30,  
over mountainous land, through dense undergrowth.  
Desc. 200 ft., on broken NW. slope,  
9.40 Trout Creek, 30 lks. wide, 2 ft. deep, in bottom of canyon,  
course SW. Asc. 970 ft., on N. side of  
canyon.  
39.40 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
- $\frac{1}{4}$   
S25 | S30  
1916
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Desc. along broken NW. slope.  
55.10 Wash, 20 lks. wide, in ravine, 370 ft. below spur, course  
NW. Asc. 35 ft., on SW. slope.  
60.75 Spur slopes NW. Desc. 70 ft.  
63.55 Gulch, course NW. Asc. 195 ft.  
72.95 Spur slopes NW. Desc. 50 ft.  
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
- T19N  
R12W | R11W  
S24 | S19  
-----  
S25 | S30  
1916
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Chains

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, scrub oak, greasewood, cactus and catclaw  
 and paloverde.  
 Grass, poor.

-----

North, bet. secs. 19 and 24,  
 over mountainous land, through dense undergrowth and  
 scattering timber, along broken NW. slope.

38.75 Ravine, 265 ft. below sec. cor., course NW. 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

S24	S19
-----	-----

1916

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

48.15 Spur, 125 ft. above ravine, slopes SW. Desc. 70 ft., on  
 NW. slope.

54.70 Wash, course SW. Asc. 125 ft., on SE. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 13, 18, 19 and 24, with brass  
 cap, marked

T19N	
R12W	R11W
S13	S18
S24	S19

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.  
 Timber, cedar and pinyon.  
 Undergrowth, scrub oak, greasewood, paloverde, cruci-  
 fixation thorn, cactus and catclaw.  
 Grass, poor.

-----

North, bet. secs. 13 and 18,  
 over roughly rolling hills, through scattering timber  
 and undergrowth. Asc. 90 ft., on SE. slope.

.9.90 Spur slopes E.

24.90 Draw, course SE. 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

S13	S18
-----	-----

1916

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

49.90 Spur, 250 ft. above draw, slopes E. Desc. 75 ft., on N.  
 slope.

59.80 Head of draw, course E. Asc. 170 ft.

76.50 Spur slopes SE. Desc. 40 ft.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther in the ground) for cor. of secs. 7,  
 12, 13 and 18, with brass cap, marked

Chains

T19N	
R12W	R11W
S12	S7
S13	S18

1916

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

Land, rolling and broken.  
 Soil, rocky; 4th rate.  
 Timber, scattering oak, cedar and pinyon.  
 Undergrowth, oak brush, greasewood, cedar, cactus, and catclaw.  
 Grass, poor.

North, bet. secs. 7 and 12, over rolling and broken hills, through scattering timber and undergrowth.

1.35  
40.00

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

¼	
S12	S7

1916

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

45.00  
55.00  
66.25  
74.05  
77.90  
80.00

Spur slopes SE.  
 Wash, course SE. Asc. 250 ft., on steep SW. slope.  
 Spur slopes SE. Thence on E. slope.  
 Head of wash, course E.  
 Spur slopes E.  
 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

T19N	
R12W	R11W
S1	S6
S12	S7

1916

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

Land, rolling and broken.  
 Soil, rocky; 4th rate.  
 Timber, scrub oak and cedar.  
 Undergrowth, oak brush, cedar, greasewood, cactus, catclaw, crucifixion thorn, paloverde and ocotillo.  
 Grass, poor.

North, bet. secs. 1 and 6, over mountainous land, through scattering timber and undergrowth. Desc. 55 ft., on N. slope.

3.80  
11.90  
20.30  
40.00

Wash, course E. Asc. 100 ft.  
 Spur slopes E. Desc. 175 ft., on N. slope.  
 Ravine, course E. Stream of clear water, 2 lks. wide, 4 ins. deep, in bottom 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

¼	
S1	S6

1916

E. Bdy. of T. 19 N., R. 12 W.

Chains

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

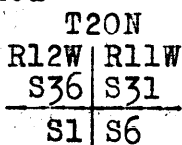
Asc. on SE. slope.

54.80 Spur, 450 ft. above ravine, slopes E. Desc. 60 ft.

59.65 Gulch, course E. Asc. 270 ft., on S. slope.

74.00 Spur slopes E. Desc. 125 ft., on N. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Tps. 19 and 20 N., Rs. 11 and 12 W., with brass cap, marked



T19 N  
1916

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scrub oak and cedar.

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

Grass, poor.

N. Bdy. of T. 19 N., R. 12 W.

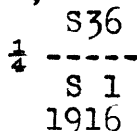
From the cor. of Tps. 19 and 20 N., Rs. 11 and 12 W., hereinbefore described;

West, on a true line, bet. secs. 1 and 36, over mountainous land, through scattering timber and undergrowth. Asc. 40 ft.

2.45 Point of spur from S. Desc. 150 ft., along NW. slope.

26.83 Stream of clear water, 12 ins. wide, 2 ins. deep, course NE. Asc. on steep SE. 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



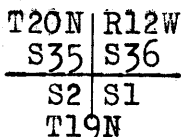
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

49.60 Spur, 430 ft. above stream, sloping NE. Desc. 375 ft., on NW. slope.

63.45 Head of gulch, course N. Asc. 120 ft., on E. slope.

75.30 Spur slopes N. Desc. 35 ft.

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



1916

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

Land, mountainous. Soil, rocky; 4th rate.

Timber, cedar, oak and pinyon. Undergrowth, oak brush, cedar, pinyon, greasewood, cactus, catclaw and paloverde.

Chains

West, bet. secs. 2 and 35,  
over mountainous land, through scattering undergrowth.  
Desc. 420 ft., on NW. slope.

34.20 Head of ravine, course N. 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

S35  
 $\frac{1}{4}$  -----  
S 2  
1916

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

46.35 Spur, 170 ft. above ravine, slopes S. Desc. 240 ft., on  
SW. slope.

64.40 Head of small draw, course S.  
69.40 Low spur slopes S. Desc. 160 ft.

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

T20N	R12W
S34	S35
S3	S2
T19N	
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, oak brush, cedar, crucifixion thorn, cactus,  
and catclaw.

Grass, poor.

West, bet. secs. 3 and 34,  
over rolling and broken hills, through scattering under-  
growth. Desc. 60 ft.

4.90 Wash, course SW. Asc. 50 ft.  
12.60 Point of spur from N. Desc. gradually.

29.80 Road bears N. and S.

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

S34  
 $\frac{1}{4}$  -----  
S 3  
1916

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

40.50 Draw, course N. 150 ft. below spur.

42.50 Spur slopes N.

54.97 Wash, course SW.

57.50 Low spur slopes SW.

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

T20N	R12W
S33	S34
S4	S3
T19 N	
1916	

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

Land, mountainous and hilly.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub oak, cedar, crucifixion thorn, cactus  
and catclaw.

Grass, poor.



Chains

West, bet. secs. 4 and 33,  
 over rolling broken hills, through scattering undergrowth.  
 Desc. 60 ft., on SW. slope.

11.50 Stream, clear water, course NW.; 2 lks. wide, 3 ins. deep.  
 Asc. 145 ft., on NE. slope.

29.75 Point of spur from S. 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  
 S33  
 $\frac{1}{4}$  -----  
 S4  
 1916

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

42.00 Wash, 175 ft. below spur, course N. Asc. 60 ft.

46.70 Spur slopes N. Desc. 140 ft.

54.60 Wash, course N. Asc. 115 ft., on E. slope.

66.45 Spur slopes NW. Desc. 140 ft., on SW. slope.

76.95 Wash, course NW. Asc. 73 ft., on NE. slope.

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

T20N	R12W
S32	S33
S5	S4
T19N	
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, greasewood, oak brush, cedar, cactus, catclaw,  
 Grass, poor.

West, bet. secs. 5 and 32,  
 over mountainous land, through scattering timber and  
 undergrowth.

5.00 Spur, sloping NW. Desc. 70 ft., on SW. slope.

9.90 Wash, 20 lks. wide, course NW. Asc. 45 ft., on NE. slope.

17.65 Spur slopes NW.

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

34.65 Wash, 30 lks. wide, course NW. Asc. gradually on NE. 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  
 S32  
 $\frac{1}{4}$  -----  
 S 5  
 1916

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

46.65 Spur, 120 ft. above wash, sloping N. Desc. 25 ft.

49.85 Head of draw, course N. Asc. 45 ft.

54.80 Spur slopes NW. Desc. on SW. slope.

75.95 Draw, near head, course NW. Asc. 165 ft., on broken NE.  
 slope.

77.20 Spur slopes NW. Desc. on NW. slope.

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

T20N	R12W
S31	S32
S6	S5
T19N	
1916	

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

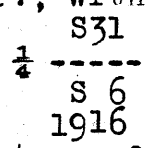
Chains

W. of cor.

Land, mountainous and broken.  
Soil, rocky; 4th rate.  
Timber, scrub cedar.  
Undergrowth, oak brush, greasewood, catclaw, paloverde and cactus.  
Grass, poor.

West, bet. secs. 6 and 31,  
over broken land, through dense undergrowth, descending gradually 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



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

46.75 Wash, 50 lks. wide, course SW. Asc. gradually, on SE. slope.

56.00 Spur slopes SW. Desc. 75 ft., on NW. slope.

59.75 Draw, course SW. Asc. 30 ft., on SE. slope.

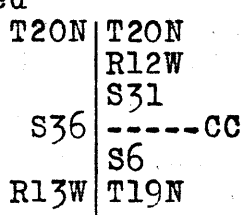
63.70 Spur sloping S.

77.00 Spur sloping S.

78.95 Intersect E. Bdy. of T. 20 N., R. 13 W. 306 lks. N. of the cor. of Tps. 19 and 20 N., Rs. 13 W., formerly cor. of Tps. 19 and 20 N., Rs. 12 and 13 W., which is a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the surveyor general. I efface the marks on brass cap relating to the area E. of range line.

At point of intersection

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for closing cor. of Tps. 19 and 20 N., Rs. 12 W., with brass cap, marked



1916

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

Land, mountainous and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush, greasewood, catclaw, paloverde and cactus.  
Grass, poor.

Subdivision of T. 19 N., R. 12 W.

Beginning at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., described in book C;

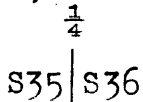
Thence N.0°01'W., bet. secs. 35 and 36, over mountainous land, through scattering timber and dense undergrowth. Desc. 500 ft.

Subdivision of T. 19 N., R. 12 W.

Chains

37.25 Bottom of canyon, course NW. Small stream of clear water, 2 lks. wide, 4 ins. deep, in bottom. Asc. on SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



1916

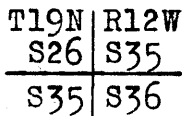
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to set post deeper in the ground. Raise a mound of stone around cor.

47.15 Top of spur, 290 ft. above stream, slopes NW.

Desc. 660 ft., on rocky N. slope into Trout Creek canyon.

78.34 Bottom of canyon. Trout Creek, 50 lks. wide, 2 ft. deep, clear water, course W. Asc. 25 ft., on S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked



1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to set post deeper in the ground. Raise mound of stone around same.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scrub cedar.

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

Grass, poor.

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

80.14 Set temp. 1/4 sec. cor.

Intersect E. bdy. of Tp. 20 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

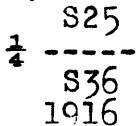
Thence N. 89° 51' W., on a true line, bet. secs. 25 and 36, over mountainous land, through scattering timber and dense undergrowth.

4.50 Wash, 20 lks. wide, course NE.

11.85 Draw, course NE. Asc. 240 ft., along broken NE. slope.

31.30 Spur slopes NE. Desc. on SW. slope.

40.07 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.

53.00 Trout Creek, 600 ft. below spur, 50 lks. wide, 3 ft. deep, clear water, course SW. Asc. 185 ft., on NE. slope.

60.40 Spur slopes SE. Desc. 335 ft., on SW. slope.

70.85 Trout Creek, course NW.

77.85 Trout Creek, course SW. Asc. on SE. slope.

80.14 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scrub pinyon.

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

Grass, poor.

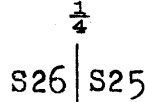
Chains

N.0°01'W., bet. secs. 25 and 26,  
over mountainous land, through scattering undergrowth,  
ascending on rocky S. slope, on N. side of Trout Creek  
canyon.

16.00 Thence along W. and SW. slopes.

33.00 Top of spur, 915 ft. above sec. cor. Desc. on N. slope.  
(Spur slopes S.70°W.)

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked



1916

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

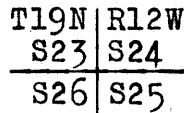
42.80 Bottom of gulch, 160 ft. below spur, course W. Asc. 165 ft.,  
along W. slope.

64.75 Spur slopes W. Desc. 65 ft.

69.67 Wash, course E. Asc. 100 ft.

77.30 Top of spur sloping E. Desc. 90 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 23, 24, 25 and 26, with brass  
cap, marked



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

Grass, poor.

East, on a random line, bet. secs. 24 and 25.

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

80.20 Intersect E. bdy. of Tp. 17 lks. N. of the cor. of secs.  
19, 24, 25 and 30, hereinbefore described.

Thence N.89°53'W., on a true line, bet. secs. 24 and 25,  
over mountainous land, through scattering timber and  
undergrowth. Desc. 150 ft., on NW. slope.

6.00 Head of gulch, course S.60°W. Asc. 20 ft.

8.30 Point of spur from N. Desc. 120 ft.

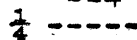
20.85 Gulch, course SW. Asc. 40 ft.

24.80 Top of spur sloping S. Desc. 270 ft., on W. slope.

37.40 Gulch, course S.20°W. Wash, 60 lks. wide, in bottom.  
Asc. on NE. 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

S24



S25

1916

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

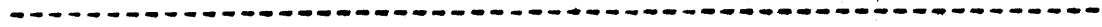
48.40 Spur, 340 ft. above gulch, slopes S.30°E. Desc. 220 ft.,  
on SW. slope.

65.85 Gulch, course SE. Asc. 270 ft.

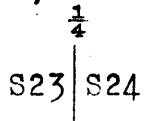
80.20 The cor. of secs. 23, 24, 25 and 26.

Chains

Land, mountainous.  
 Soil, rocky: 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, paloverde, oak brush, greasewood, catclaw,  
 cactus and ocotillo.  
 Grass, poor.

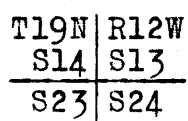


N.0°01'W., bet. secs. 23 and 24,  
 over mountainous land, through dense undergrowth.  
 Desc. 175 ft., on N. slope.  
 8.60 Wash, course E. Asc. 130 ft., on S. and SE. slopes.  
 21.30 Low spur slopes E. Desc. 35 ft.  
 24.50 Draw, course E. Asc. 100 ft.  
 39.40 Point of spur from W., extending E.  
 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



1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 47.20 Gulch, 100 ft. below spur, 60 lks. wide, course E.  
 Asc. 380 ft., on S. slope.  
 66.00 Low spur slopes E. Desc. 40 ft.  
 68.90 Small gulch, course SE. Asc. 140 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



1916

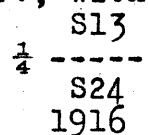
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, paloverde, oak brush, catclaw, quinine  
 brush, cactus, greasewood and ocotillo.  
 Grass, poor.



East, on a random line, bet. secs. 13 and 24.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect E. bdy. of Tp. at the cor. of secs. 13, 18, 19  
 and 24, hereinbefore described.

Thence West, on a true line, bet. secs. 13 and 24,  
 over roughly rolling and broken land, through scattering  
 undergrowth. Asc. 35 ft.  
 5.80 Top of spur slopes S.30°W. Desc. 200 ft., on W. slope.  
 26.60 Stream of clear water, course S., 12 ins. wide, 3 ins. deep.  
 Asc. on E. 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



1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 50.75 Spur, 430 ft. above stream, slopes N. Desc. 125 ft., on  
 W. slope.

Chains

58.20 Head of gulch, course N.30°E. Asc. 300 ft.  
80.02 The cor. of secs. 13, 14, 23 and 24.

Land, roughly rolling and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush, cedar, greasewood, paloverde and crucifixion thorn.  
Grass, poor.

N.0°01'W., bet. secs. 13 and 14,  
over roughly rolling and broken hills, through scattering undergrowth. Asc. 20 ft.

2.70 Spur extending E. Desc. 150 ft., on N. slope.  
13.70 Gulch, course E. Asc. 90 ft., on S. slope.  
21.50 Spur slopes E. Desc. 230 ft., on N. slope.  
27.80 Gulch, course E. Asc. 90 ft., on S. slope.  
33.10 Spur slopes E. 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

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

1916

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

41.00 Draw, 115 ft. below spur, course E. Asc. 65 ft.  
43.90 Point of spur from NW.  
59.70 Stream, course SE., 30 ins. wide, 4 ins. deep, containing clear water. Asc. 235 ft., on broken SW. 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

T19N | 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, roughly rolling and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush, cedar, greasewood, cactus and catclaw.  
Grass, poor.

40.00 East, on a random line, bet. secs. 12 and 13.  
80.20 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect E. bdy. of Tp. 17 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence N.89°53'W., on a true line, bet. secs. 12 and 13, over mountainous land, through scattering timber and dense undergrowth. Asc. 310 ft.,

15.90 Spur sloping S. Desc. 300 ft., on SW. slope.  
29.00 Rocky gulch, course S. Asc. 75 ft.  
32.45 Spur slopes S. Asc. 70 ft.  
38.40 Ridge bears N. and S.  
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

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

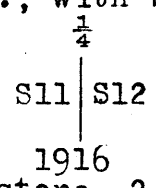
Subdivision of T. 19 N., R. 12 W.

Chains

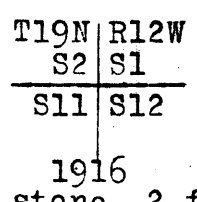
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
Asc. 60 ft., on broken SW. slope.  
48.00 Spur slopes SE. Desc. 210 ft., on SW. slope.  
65.50 Gulch, course S. Asc. 165 ft., on broken SW. slope.  
80.20 The cor. of secs. 11, 12, 13 and 14.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon and scrub cedar.  
Undergrowth, oak brush, greasewood, catclaw, paloverde  
and cactus.  
Grass, poor.

N.0°01'W., bet. secs. 11 and 12,  
over mountainous land, through scattering timber and  
undergrowth. Asc. 335 ft., on SW. slope.  
27.00 Spur slopes W. Desc. 30 ft.  
34.40 Draw, course SW. Asc.  
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



and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
49.90 Spur, 140 ft. above draw, slopes W. Desc. 150 ft.  
57.90 Gulch, course W. Asc. 50 ft.  
61.50 Spur slopes W. Desc. 45 ft.  
64.60 Gulch, course W. Asc. 50 ft.  
69.55 Point of spur from E. Desc. 80 ft.  
74.40 Gulch, course NW.  
78.40 Low point of spur from E.  
79.90 Stream, course SW.  
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



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

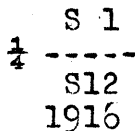
Land, mountainous, rolling and broken.  
Soil, rocky; 4th rate.  
Timber, cedar.  
Undergrowth, crucifixion thorn, oak brush, cedar, cactus  
and catclaw.  
Grass, poor.

East, on a random line, bet. secs. 1 and 12.  
40.00 Set temp. ¼ sec. cor.  
80.30 Intersect E. bdy. of Tp. 12 lks. S. of the cor. of secs.  
1, 6, 7 and 12, hereinbefore described.

Thence S.89°55'W., on a true line, bet. secs. 1 and 12,  
over mountainous land, through scattering timber and  
dense undergrowth. Asc. 190 ft., on NE. slope.  
11.10 Spur slopes NW. Desc. 65 ft., on NW. slope.  
19.55 Head of draw, course N. Asc. 90 ft., on NE. slope.  
30.45 Spur slopes NE. Thence along N. slope.  
36.90 Ridge, in saddle, bears N. and S.

Chains

40.15 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper 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.

45.70 Spur slopes NW. Desc. 370 ft., on NW. slope.

79.35 Clear stream, 3 lks. wide, 1 in. deep, course SW.. Asc. on SE. slope.

80.30 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous and broken.  
Soil, rocky; 4th rate.  
Timber, cedar and pinyon.  
Undergrowth, oak brush, greasewood, catclaw, paloverde and cactus.  
Grass, poor.

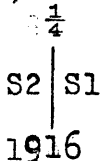
40.00 N.0°01'W., on a random line, bet. secs. 1 and 2.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.15 Intersect N. bdy. of Tp. 20 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence S.0°08'W., on a true line, bet. secs. 1 and 2, over mountainous land, through scattering timber and undergrowth. Asc. 270 ft., on N. slope.

7.50 Top of spur ridge from E., extends W. Desc. on SW. slope.

40.15 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.

46.60 Gulch, 530 ft. below spur ridge, course S.80°W. Asc. 40 ft.

50.80 Top of spur sloping W. Desc. 260 ft., on SW. slope.

78.40 Spur slopes SW. Thence on SE. slope.

80.15 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, cedar.  
Undergrowth, oak brush, cedar, crucifixion thorn, cactus and catclaw.  
Grass, poor.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp. described in book C;

N.0°01'W., bet. secs. 34 and 35, over mountainous land, through scattering timber and dense undergrowth. Desc. 160 ft., on rocky NE. slope.

9.00 Wash, 20 lks. wide, course W. Asc. 90 ft., on S. slope.

16.40 Spur slopes W. Desc. 35 ft., on NW. slope.

21.50 Gulch, course W. Asc. 100 ft., on S. slope.

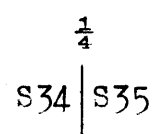
31.30 Spur slopes W. Desc. on N. slope into Trout Creek canyon.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



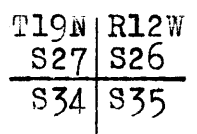
Subdivision of T. 19 N., R. 12 W.

Chains



1916  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor.  
 44.75 Center of Trout Creek, 375 ft. below spur, 60 lks. wide,  
 3 ft. deep, clear water, course W.  
 Asc. 910 ft., on SE. slope.

70.10 Top of spur slopes SW. Desc. gradually 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

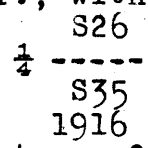


1916  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor.

Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde,  
 and cactus.  
 Grass, poor.

40.00 East, on a random line, bet. secs. 26 and 35.  
 Set temp. ¼ sec. cor.  
 80.10 Intersect N. and S. line 10 lks. N. of the cor. of secs.  
 25, 26, 35 and 36.

Thence N.89°56'W., on a true line, bet. secs. 26 and 35,  
 over mountainous land, through dense undergrowth.  
 Asc. 140 ft., on SE. slope.  
 9.65 Spur slopes SW. Desc. 50 ft., on SW. slope.  
 11.55 Gulch, course S. Asc. 460 ft., on broken SE. slope.  
 34.25 Spur slopes SW. Desc. on W. slope over cliffs.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked

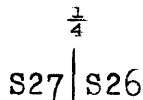


and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor.  
 47.10 Gulch, 525 ft. below spur, 30 lks. wide on bottom, course  
 S. Asc. abruptly, 185 ft.  
 51.10 Wash, course SE. Asc. 350 ft., on NE. slope.  
 80.10 The cor. of secs. 26, 27, 34 and 35.

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

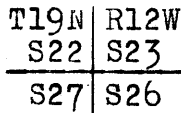
N.0°01'W., bet. secs. 26 and 27,  
 over mountainous land, through dense undergrowth.  
 1.00 Draw, course E. Asc. 165 ft.  
 20.80 Top of spur slopes SE.  
 25.80 Wash, course SE. Asc. on SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked

Chains



1916

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 45.45 Top of spur, 390 ft. above wash, slopes SE. Desc. 175 ft., on N. slope.
- 59.43 Center of wash, 20 lks. wide, course E. Asc. 20 ft., on S. slope.
- 61.90 Top of spur slopes E. Desc. 30 ft., on N. slope.
- 64.40 Center of wash, 10 lks. wide, course SE. Asc. 125 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

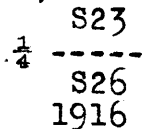


1916

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

Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, paloverde, cactus, and oak brush.  
 Grass, poor.

- 40.00 East, on a random line, bet. secs. 23 and 26. Set temp.  $\frac{1}{4}$  sec. cor.
- 80.18 Intersect N. and S. line 10 lks. N. of the cor. of secs. 23, 24, 25 and 26.
- Thence N.  $89^{\circ}56'$  W., on a true line, bet. secs. 23 and 26, over mountainous land, through scattering timber and undergrowth. Asc. along N. slope of spur.
- 19.65 Top of same, extending S.  $70^{\circ}$  E. Thence along S. slope of spur.
- 28.75 Top of spur, 300 ft. above sec. cor., slopes N.  $80^{\circ}$  E. Continue along top.
- 34.50 Desc. on W. slope.
- 40.09 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.

- 44.83 Gulch, 150 ft. below 34.50 ch. pt., course SW.
- 49.83 Gulch, course SE. Asc. 250 ft., on SE. slope.
- 61.75 Point of spur from N., extending S. Desc. 135 ft., on SW. slope.
- 68.97 Gulch, course SE. Asc. 130 ft., on NE. slope.
- 78.75 Top of spur slopes SE.
- 80.18 The cor. of secs. 22, 23, 26 and 27.

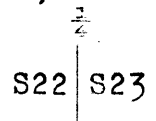
Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, paloverde, oak brush, greasewood, catclaw, cactus and ocotillo.  
 Grass, poor.

Subdivision of T. 19 N., R. 12 W.

Chains

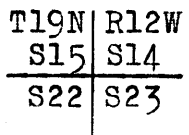
N.0°01'W., bet. secs. 22 and 23,  
 over rolling mountainous land, through scattering under-  
 growth.

1.00 Spur slopes SE. Desc. 50 ft.  
 10.00 Draw, course SE. Asc. 100 ft.  
 16.80 Spur slopes SE. Desc. 60 ft.  
 19.70 Gulch, course SE. 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



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

48.60 Spur, 450 ft. above gulch, slopes SE. Desc. 95 ft.  
 54.40 Draw, course E. Asc.  
 73.40 Top of spur sloping E. Desc. 50 ft., on N. slope.  
 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



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

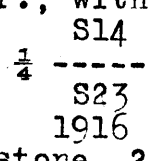
Land, roughly rolling and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, scrub oak, scrub cedar, cactus,  
 catclaw and paloverde.  
 Grass, poor.

East, on a random line, bet. secs. 14 and 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.40 Intersect N. and S. line 28 lks. N. of the cor. of secs.  
 13, 14, 23 and 24.

Thence N.89°48'W., on a true line, bet. secs. 14 and 23,  
 over mountainous land, through scattering undergrowth.  
 Asc. 90 ft., on E. slope.

5.25 Spur sloping S. Desc. 270 ft., on W. slope.  
 18.45 Gulch, course S.; asc. on steep slope.  
 40.20 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



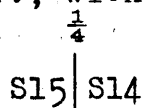
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

50.50 Spur ridge from N., bears S. 450 ft. above gulch.  
 Desc. 65 ft.  
 60.40 Head of wash, course S.  
 75.40 Ridge bears NE. and SW.  
 80.40 The cor. of secs. 14, 15, 22 and 23.

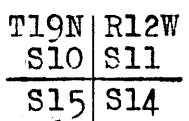
Land, mountainous and rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, oak brush, cedar, paloverde and crucifixion  
 thorn.  
 Grass, poor.

Chains

N.0°01'W., bet. secs. 14 and 15,  
 over mountainous land, through scattering timber and  
 undergrowth. Desc. 80 ft., on N. slope.  
 9.90 Wash, course E. Asc. 80 ft., on S. slope.  
 16.50 Spur slopes E. Desc. 40 ft.  
 19.75 Draw, course E. 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



1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 55.40 Top of ridge bears N.60°E. and S.60°W. Desc. 750 ft.,  
 on NW. slope.  
 79.66 Gulch, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 10, 11, 14, and 15, with brass  
 cap, marked

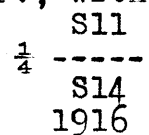


1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar, and pinyon.  
 Undergrowth, pinyon, cedar, paloverde, crucifixion thorn,  
 catclaw and oak brush.  
 Grass, poor.

40.00 East, on a random line, bet. secs. 11 and 14.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect N. and S. line 26 lks. N. of the cor. of secs.  
 11, 12, 13 and 14.

Thence N.89°49'W., on a true line, bet. secs. 11 and 14,  
 over mountainous land, through dense undergrowth and  
 timber. Desc. 30 ft.  
 .40 Draw, course SW.; near head. Desc. 90 ft., on SW. slope.  
 8.25 Head of draw, course SW. Desc. 30 ft., on SW. slope.  
 15.35 Stream of clear water, 3 lks. wide, 2 ins. deep, course SE.  
 Asc. 390 ft., on SE. slope.  
 39.40 Spur slopes NE. Desc.  
 40.15 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.  
 44.55 Gulch, 35 ft. below spur, course NE. Asc. on SE. slope,  
 260 ft.  
 54.10 Spur slopes NE. Desc. 240 ft., on NW. slope.  
 79.45 Center of wash, 20 lks. wide, course NE., in bottom of gulch.  
 80.30 The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, pinyon and cedar.  
 Undergrowth, oak brush, greasewood, paloverde, catclaw  
 and cactus.  
 Grass, poor.

Subdivision of T. 19 N., R. 12 W.

Chains							
16.20 40.00	<p>N.0°01'W., bet. secs. 10 and 11, over mountainous land, through scattering timber and dense undergrowth. Asc. 410 ft., on SE. slope. Spur slopes E. Desc. on N. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap, marked</p>						
48.75 49.90 61.95 75.50 80.00	<p style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td>S10</td><td>S11</td></tr> </table>             1916            and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.            Dim roak bears E. and W.            Gulch, 640 ft. below spur, course W. Asc. 220 ft., on S. slope.            Point of spur from NE., extends SW. Desc. 210 ft., on NW. slope.            Draw, course NW. Asc. 45 ft., on SW. slope.            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         </p>	S10	S11				
S10	S11						
	<p style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td>T19N</td><td>R12W</td></tr> <tr><td>S3</td><td>S2</td></tr> <tr><td>S10</td><td>S11</td></tr> </table>             1916            and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.            Land, mountainous.            Soil, rocky: 4th rate.            Timber, pinyon and cedar.            Undergrowth, greasewood, paloverde, crucifixion thorn, cactus, and catclaw.            Grass, poor.         </p>	T19N	R12W	S3	S2	S10	S11
T19N	R12W						
S3	S2						
S10	S11						
40.00 80.20	<p>East, on a random line, bet. secs. 2 and 11. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line 23 lks. N. of the cor. of secs. 1, 2, 11 and 12.</p>						
3.00 7.20 14.90 22.00 30.30 40.10 40.10 55.40 65.40 69.00 71.00 75.20 79.60 80.20	<p>Thence N.89°50'W., on a true line, bet. secs. 2 and 11, over broken mountainous land, through scattering timber and dense undergrowth. Asc. 50 ft., on SE. slope. Spur slopes SW. Spur slopes SW. Desc. 110 ft., on NW. slope. Draw, near head, course SE. Asc. 50 ft., on NE. slope. Ridge bears NE. and SW. Desc. 35 ft., on SW. slope. Head of draw, course SW. Head of draw, course SW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap, marked</p> <p style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td>S 2</td></tr> <tr><td><math>\frac{1}{4}</math> -----</td></tr> <tr><td>S11</td></tr> </table>             1916            and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.            Spur, 120 ft. above draw, slopes SW.            Rocky wash, 60 lks. wide, course NW.            Spur slopes N.            Draw, course NW. Asc. 70 ft.            Spur slopes N.            Spur slopes NW.            The cor. of secs. 2, 3, 10 and 11.         </p>	S 2	$\frac{1}{4}$ -----	S11			
S 2							
$\frac{1}{4}$ -----							
S11							

## Chains

Land, broken and mountainous.  
Soil, rocky; 4th rate.  
Timber, scrub cedar.  
Undergrowth, oak brush, greasewood, catclaw, paloverde,  
cactus and cedar.  
Grass, poor.

- 40.00 N.0°01'W., on a random line, bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. bdy. of Tp. 36 lks. W. of the cor. of secs  
2, 3, 34 and 35, hereinbefore described.
- Thence S.0°14'W., on a true line, bet. secs. 2 and 3,  
over mountainous land, through scattering timber and  
undergrowth. Desc. 80 ft., on SW. slope.  
10.43 Wash, 30 lks. wide, course W. Asc. 65 ft., on NW. slope.  
14.40 Spur slopes W. Desc. 100 ft., on SW. slope.  
25.15 Gulch, 20 lks. wide, on bottom, course W. Asc. 90 ft.  
33.25 Spur slopes SW. Desc. 25 ft.  
39.00 Draw, near head, course W. Asc. gradually.  
40.02 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

$\frac{1}{4}$   
S3|S2

1916

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
40.90 Spur slopes W. Desc. 90 ft., on SE. slope.  
47.50 Wash, 50 lks. wide, course SW.  
55.25 Head of draw, course W.  
58.35 Spur slopes W. Desc. 60 ft.  
63.75 Draw, course NW. Asc. on NE. slope, 160 ft.  
80.02 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous and broken.  
Soil, rocky; 4th rate.  
Timber, pinyon and scrub cedar.  
Undergrowth, greasewood, catclaw, paloverde and cactus.  
Grass, poor.

- From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp.  
described in book C;
- N.0°02'W., bet. secs. 33 and 34,  
over mountainous land, through scattering timber and  
dense undergrowth. Desc. 680 ft., on rocky N. slope  
into Trout Creek canyon.  
14.90 Center of Trout Creek; clear water, 50 lks. wide, 2 ft. deep,  
course SW. Asc. 465 ft., on SW. slope, on N. side of  
canyon.  
36.50 Top of spur slopes SW. Desc. on NW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked

$\frac{1}{4}$

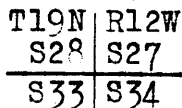
S33|S34

1916

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
42.15 Gulch, 110 ft. below spur, course W. Asc. 75 ft., on SW.  
slope.

Chains

50.50 Top of low spur slopes W. Desc. 150 ft., on NW. slope.  
 55.55 Gulch, course SW. Asc. 110 ft., on SW. slope.  
 60.25 Top of spur slopes SW. Desc. 115 ft., on NW. slope.  
 75.00 Gulch, course W. Asc. 50 ft., on SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for cor. of secs.  
 27, 28, 33 and 34, with brass cap, marked



1916

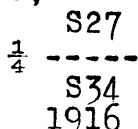
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, oak brush, greasewood, cactus, catclaw and  
 paloverde.  
 Grass, poor.

40.00 East, on a random line, bet. secs. 27 and 34.  
 Set temp. ¼ sec. cor.  
 80.00 Intersect N. and S. line at the cor. of secs. 26, 27, 34  
 and 35.

Thence West, on a true line, bet. secs. 27 and 34,  
 over mountainous land, through dense undergrowth.  
 Desc. gradually.

5.30 Wash, course NE. Asc. gradually on SE. slope.  
 15.60 Ridge, in saddle, bears NE. and SW. Desc. 160 ft., on NW.  
 slope.  
 30.00 Wash, 10 lks. wide, course SW.  
 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



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

45.00 Desc. 250 ft., on broken NW. slope.  
 63.80 Wash, course SW. Asc. 100 ft., on broken SW. slope.  
 77.30 Spur slopes SW.  
 80.00 The cor. of secs. 27, 28, 33 and 34.

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

N.0°02'W., bet. secs. 27 and 28,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Desc. on NW. slope.  
 5.00 Mouth of draw from NE. Asc. 100 ft., on SW. slope.  
 11.00 Desc. 45 ft.  
 14.70 Wash, 100 lks. wide, in gulch, course SW. Asc. 320 ft.,  
 on S. slope.  
 24.00 Spur slopes SW. Desc. 40 ft., on NW. slope.  
 28.43 Gulch, course SW.; near head. Asc. 100 ft., on SW. slope.  
 35.00 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 ¼ sec. cor., with brass cap, marked

Chains

$\frac{1}{4}$   
 S28 | S27

1916

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 40.83 Clear stream, 180 ft. below spur, 2 lks wide, 1 in. deep, course SW. Asc. 225 ft., on S. slope.
- 48.60 Spur slopes SW. Desc. 50 ft., on NW. slope.
- 50.90 Wash, 30 lks. wide, in gulch, course SW. Asc. 390 ft., on broken S. slope.
- 65.85 Spur slopes SW. Desc. 30 ft., on NW. slope.
- 68.50 Head of gulch, course SW. Asc. 65 ft., on SW. slope.
- 75.40 Spur slopes NW. Desc. 215 ft.
- 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

T19N | R12W  
 S21 | S22  
 ---  
 S28 | S27

1916

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

Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 Timber; pinyon and cedar.  
 Undergrowth, oak brush, greasewood, ocotillo, cactus, paloverde and catclaw.  
 Grass, poor.

- 40.00 East, on a random line, bet. secs. 22 and 27.
- Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. and S. line 6 lks. S. of the cor. of secs. 22, 23, 26 and 27.

- Thence S.  $89^{\circ}57'W.$ , on a true line, bet. secs. 22 and 27, over mountainous land, through scattering undergrowth.
- 11.40 Wash, course SE. Thence on broken NE. slope.
- 35.25 Ridge bears NW. and SE. Desc. on SW. slope.
- 39.98 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  
 $\frac{1}{4}$  -----  
 S27  
 1916

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 42.00 Spur slopes SW. Desc. 475 ft., on NW. slope.
- 64.25 Wash, in gulch, course SW.
- 79.20 Same wash, course NW. Asc.
- 79.96 The cor. of secs. 21, 22, 27 and 28.

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

- N.  $0^{\circ}02'W.$ , bet. secs. 21 and 22, over mountainous land, through scattering timber and dense undergrowth. Desc. 40 ft., on NW. slope.
- .80 Wash, 100 lks. wide, in gulch, course NW. Asc. 140 ft., on SW. slope.



Subdivision of T. 19 N., R. 12 W.

Chains		
14.75	Head of gulch, course SW. Asc. 280 ft.	
22.75	Spur slopes SW. Desc. 130 ft., on steep N. slope.	
28.30	Wash, 40 lks. wide, in gulch, course NW. Asc. 40 ft., on SW. slope.	
31.20	Spur slopes W. 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	
	$\frac{1}{4}$ S21   S22 1916	
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Cor. is in head of draw, course W.	
46.00	Stream of clear water, 1 lk. wide, $1\frac{1}{2}$ ins. deep, course SW. Asc. 300 ft., on SE. slope.	
77.45	Wash, 40 lks. wide, in gulch, course SE. Asc. 60 ft., on SW. slope.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 15, 16, 21 and 22, with brass cap, marked	
	T19N   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. Timber, pinyon and cedar. Undergrowth, paloverde, greasewood, scrub oak, cactus and catclaw. Grass, poor.	
-----		
	East, on a random line, bet. secs. 15 and 22.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.94	Intersect N. and S. line 13 lks. N. of the cor. of secs. 15, 16, 21 and 22.	
	Thence N. $89^{\circ}54'$ W., on a true line, bet. secs. 15 and 22, over mountainous land, through scattering timber and dense undergrowth. Asc. 125 ft., on NE. slope.	
6.30	Spur slopes SSE. Desc. 45 ft.	
9.65	Gulch, course N. Asc. 130 ft., on NE. slope.	
17.00	Spur slopes NE. Desc. on NW. slope, gradually.	
22.00	Desc. 80 ft.	
29.25	Wash, 50 lks. wide, in gulch, course N. Asc. on NE. slope.	
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	
	S15 $\frac{1}{4}$ ----- S22 1916	
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.	
49.50	Spur, 140 ft. above wash, slopes NW. Desc. 190 ft., on NW. slope.	
64.50	Wash, 20 lks. wide, course SW.	
69.50	Spur slopes S. Desc. 55 ft., on broken SW. slope.	
79.94	The cor. of secs. 15, 16, 21 and 22.	
	Land, mountainous. Soil, rocky; 4th rate. Timber, pinyon and cedar. Undergrowth, paloverde, oak brush, greasewood, catclaw cactus and ocotillo. Grass, poor.	

Chains

N.0°02'W., bet. secs. 15 and 16,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Asc. 490 ft., on SW. slope.  
 22.65 Spur slopes SE. Desc. 130 ft.  
 33.45 Draw, course SE. 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  
 $\frac{1}{4}$   
 S16 | S15  
 1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 50.00 Ridge, in saddle, bears E. and W. Desc. 115 ft., on NE.  
 slope.  
 58.90 Wash, 20 lks. wide, course NW. Asc. 125 ft., on SW. slope.  
 70.15 Spur slopes NW. Desc. 65 ft., on NW. slope.  
 74.20 Wash, course NW.; in gulch, near head. Asc. 85 ft.  
 79.00 Spur slopes NW. Desc. on NW. slope.  
 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  
 T19N | 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 and broken.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, oak brush, greasewood, catclaw,  
 paloverde and ocotillo.  
 Grass, poor.

-----  
 East, on a random line, bet. secs. 10 and 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N. and S. line 3 lks. N. of the cor. of secs.  
 10, 11, 14 and 15.  
 Thence N.89°59'W., on a true line, bet. secs. 10 and 15,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Asc. 190 ft., on SE. slope.  
 19.00 Ridge, in saddle, bears NE. and S. Thence along N. slope.  
 22.60 Spur slopes NW. Desc.  
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 20 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. Impracticable to set post deeper in the ground.  
 Raise a mound of stone, around cor.  
 55.90 Head of wash, 10 lks. wide, in gulch, course NE.; 210 ft.  
 below spur. Asc. 260 ft., on SE. slope.  
 75.40 Ridge bears N. and S. Desc. 110 ft., on NW. slope.  
 80.12 The cor. of secs. 9, 10, 15 and 16.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde,  
 cactus and ocotillo.  
 Grass, poor.

Chains

N.0°02'W., bet. secs. 9 and 10,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Desc. 180 ft., on NW. slope.  
 11.70 Head of draw, course NW. Asc. 90 ft., on SW. slope.  
 17.90 Spur slopes W. Desc. 135 ft., on NW. slope.  
 26.80 Spur slopes NW. Desc. 150 ft., on NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S9 | S10

1916  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to set post deeper in the  
 ground. Raise a mound of stone, around cor.  
 41.00 Wash, 30 lks. wide, course NW. Asc. 80 ft., on SW. slope.  
 47.60 Spur slopes W. Desc. 20 ft.  
 49.90 Head of draw, course SW. Asc. 120 ft., on S<sup>w</sup>. slope.  
 56.25 Spur slopes NW. Desc. 100 ft., on NW. slope.  
 63.20 Spur slopes NW. Desc. 75 ft., on N. slope.  
 69.30 Draw, course NW. Asc. 60 ft.  
 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

T19N | R12W  
 S4 | S3  
 S9 | S10

1916  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 Timber, pinyon and cedar.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde,  
 cactus and ocotillo.  
 Grass, poor,

40.00 East, on a random line, bet. secs. 3 and 10.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. and S. line 11 lks. S. of the cor. of secs.  
 2, 3, 10 and 11.

Thence S.89°55'W., on a true line, bet. secs. 3 and 10,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Desc. 120 ft., on SW. slope.  
 8.45 Wash, near head of gulch, course NW. Asc. 60 ft. on NE  
 slope.  
 13.90 Spur slopes N. Desc. 140 ft., on W. slope.  
 20.95 Wash, course N. Road in wash, bears N. and S. Stream of  
 clear water, 2 lks. wide, 14 ins. deep, in bottom of wash.  
 Asc, 25 ft.  
 23.90 Spur slopes NW. Desc. 60 ft., on SW. slope.  
 27.55 Head of wash, 100 lks. wide, course N. Asc. 90 ft., on  
 NE. slope.  
 35.00 Spur slopes NE. Thence along broken N. slope, ascending.  
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the gro  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 3  
 $\frac{1}{4}$  -----  
 S10  
 1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to set post deeper in the  
 ground. Raise mound of stone, around cor.  
 50.30 Head of draw, course NW. Asc. 35ft.  
 52.20 Spur slopes NW. Desc. 155 ft., on SW. slope.

## Chains

69.90	Draw, course NW. Asc. on N. slope.
79.92	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous and broken. Soil, rocky; 4th rate. Timber, scrub cedar. Undergrowth, greasewood, catclaw, paloverde, oak brush and cactus. Grass, poor.
-----	
40.00	N.0°02'W., on a random line, bet. secs. 3 and 4.
80.27	Set temp. $\frac{1}{4}$ sec. cor. Intersect. N. bdy. of Tp. 39 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
	Thence S.0°15'W., on a true line, bet. secs. 3 and 4, over rolling land, through scattering timber and dense undergrowth.
.75	Stream of clear water, 2½ lks. wide, 4 ins. deep, course NW. Asc. gradually.
40.27	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
	$\frac{1}{4}$ S4   S3 1916
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
45.65	Point of spur, 200 ft. above stream, slopes E. Desc. 30 ft.
50.65	Wash, 10 lks. wide, course NE. Asc. 115 ft.
59.40	Point of spur from E. Desc. 45 ft.
65.40	Wash, 10 lks. wide, course NW. Asc. 110 ft.
80.27	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling and broken. Soil, rocky; 4th rate. Timber, scrub cedar. Undergrowth, greasewood, oak brush, cedar, crucifixion thorn, cactus and catclaw. Grass, fair.
-----	
	From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp. described in book C:
	N.0°02'W., bet. secs. 32 and 33, over mountainous land, through scattering undergrowth. Asc. 800 ft., on rocky S. slope.
32.30	Spur slopes SE. Thence along E. 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
	$\frac{1}{4}$ S32   S33 1916
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
49.80	Head of small gulch, course SE. Asc. 180 ft., on SW. slope.
61.65	Top of spur slopes E. Desc. 120 ft.
69.40	Head of gulch, course E. Asc. 90 ft., on S. 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

Subdivision of T. 19 N., R. 12 W.

Chains

T19N	R12W
S29	S28
S32	S33

1916

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

Land, mountainous.

Soil, rocky: 4th rate.

No timber.

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

Grass, poor.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line at the cor. of secs. 27, 28, 33 and 34.

Thence West, on a true line, bet. secs. 28 and 33, over mountainous land, through scattering timber and dense undergrowth. Desc. 25 ft.

1.75 Wash, 2 chs. wide, in gulch, course SW. Asc. 240 ft., on SE. slope.

15.10 Spur slopes S. Desc. 210 ft.,

23.10 Wash, 30 lks. wide, in gulch, course S. Stream, 1 lk. wide, 1 in. deep, clear water. Asc. 370 ft., on SE. slope.

39.30 Spur slopes SE.

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 S28

¼	-----
	S33
	1916

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

Desc. 220 ft., on SW. slope.

56.15 Wash, 20 lks. wide, in gulch, course SW. Asc. 425 ft., on E. slope.

76.10 Ridge bears NW. and SE. Desc. on SW slope.

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

Land, mountainous and broken.

Soil, rocky: 4th rate.

Timber, pinyon and cedar.

Undergrowth, oak brush, catclaw, cactus, and manzanita.

Grass, poor.

N.0°02'W., bet. secs. 28 and 29, over mountainous land, through dense undergrowth. Asc. 25 ft.

2.40 Low spur slopes SE. Desc. 280 ft., on NE. slope.

14.25 Wash, 60 lks. wide, in gulch, course SE. Asc. 140 ft., on SW. slope.

21.60 Point of spur from E. Desc. 40 ft.

27.15 Wash, course SW. Asc. 100 ft., on SE. slope.

36.85 Spur slopes SW. Thence on SW. 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

¼	
	S29   S28
	1916

1916

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

Chains

Asc. 460 ft., on SW. and S. slopes.  
 69.00 Spur slopes SW. Desc. 115 ft., on NW. slope.  
 77.05 Wash, course SW. Asc. on SE. slope.  
 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

T19N	R12W
S20	S21
S29	S28

1916

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

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

40.00 East, on a random line, bet. secs. 21 and 28.  
 Set temp. ¼ sec. cor.  
 79.80 Intersect N. and S. line at the cor. of secs. 21, 22, 27 and 28.

Thence West, on a true line, bet. secs. 21 and 28, over mountainous land, through scattering undergrowth. Asc. 60 ft.

4.60 Point of spur from S. Desc. 370 ft., on broken NW. slope.  
 25.60 Wash, in gulch, course S. Asc. on NE. slope.  
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S21	¼ -----
S28	
1916	

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

43.70 Ridge, 380 ft. above wash, bears NW. and SE. Desc. 60 ft., on SW. slope.

54.35 Wash, course SE. Asc. 80 ft.  
 63.55 Point of spur from NW. Desc. 20 ft.  
 65.25 Wash, course SE. Asc. 100 ft., on NE. slope.  
 77.00 Ridge bears NW. and SE. Thence along SW. slope.  
 79.80 The cor. of secs. 20, 21, 28 and 29.

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

N.0°02'W., bet. secs. 20 and 21, over mountainous land, through scattering undergrowth. Asc. 30 ft.

2.15 Top of spur sloping SW. Desc. 100 ft.  
 11.45 Wash, in gulch, course SW. Asc. 135 ft., on SE. slope.  
 22.65 Top of spur sloping SW. Desc. 60 ft.  
 29.60 Head of gulch, course SW. Asc. on SE. 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

S20	S21
1916	

Subdivision of T. 19 N., R. 12 W.

Chains

- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 41.30 Spur, 175 ft. above gulch, bears SW. Desc. 140 ft., on NW. slope.
- 57.10 Wash, course SW. Asc, 185 ft., on SE. slope.
- 69.10 Point of spur from NW. Desc. 20 ft.
- 70.75 Wash, course SE. Asc. 260 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. 16, 17, 20 and 21, with brass cap, marked

T19N	R12W
S17	S16
S20	S21

1916

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub oak, greasewood, catclaw, crucifixion thorn and cactus.

Grass, poor.

- 40.00 East, on a random line, bet. secs. 16 and 21.
- Set temp. ¼ sec. cor.
- 79.78 Intersect N. and S. line 10 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence S.89°56'W., on a true line, bet. secs. 16 and 21, over mountainous land, through scattering timber and dense undergrowth. Desc. on SW. slope 45 ft.

- 1.90 Gulch, course SE. Asc. 300 ft., on NE. slope.
- 14.85 Spur slopes S. Desc. 170 ft. on SW, slope.
- 22.00 Wash, 30 lks. wide, in gulch, course S.; near head. Asc. 220 ft., on steep E. slope.
- 27.15 Spur sloping S.
- 28.65 Head of gulch, course S. Asc. 170 ft., on SE. slope.
- 38.30 Spur from NE., slopes S. Desc. on SW. slope.
- 39.89 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S16

¼ -----

S21

1916

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

- 44.50 Gulch, 160 ft. below ridge, 20 lks. wide, near head, course S. Asc. 160 ft., on SE. slope.
- 52.60 Spur slopes SW. Desc. 420 ft., on NW. slope.
- 68.60 Gulch, course SW. Asc. 210 ft., on SE. slope.
- 77.00 Spur slopes S. Desc. 55 ft., on SW. slope.
- 79.78 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, pinyon and cedar.

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

Grass, poor.

N.0°02'W, bet. secs. 16 and 17, over mountainous land, through scattering timber and dense undergrowth. Asc. 610 ft., on SW. slope.

## Chains

- 28.30 Spur slopes SE. Asc. 195 ft., on SE. slope.  
 36.20 Ridge bears NE. and SW. Desc. on NE. 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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S17 \quad S16 \end{array}$$

1916

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

- 45.95 Head of gulch, 310 ft. below ridge, course NE. Asc. 40 ft., on SE. slope.  
 52.35 Spur slopes E. Desc. 180 ft., on NW. slope.  
 58.50 Gulch, near head, course NE. Asc. 90 ft., along SE. slope.  
 73.43 Spur slopes NE. Desc. 85 ft., on NW. slope.  
 78.25 Spur slopes NW. Desc. 40 ft., on NE. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap, marked

$$\begin{array}{c} T19N \quad R12W \\ S8 \quad S9 \\ \hline S17 \quad S16 \end{array}$$

1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

Timber, pinyon and cedar.

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

Grass, poor.

- 40.00 East, on a random line, bet. secs. 9 and 16.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.74 Intersect N. and S. line 20 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence N.89°51'W., on a true line, bet. secs. 9 and 16, over mountainous land, through scattering timber and dense undergrowth. Desc. 70 ft., on NW. slope.

- 4.90 Head of draw, course NW.  
 9.90 Spur slopes NW. Desc. 210 ft., on SW. slope.  
 19.35 Gulch, course NW. Asc. on broken NE. slope.  
 39.87 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

$$\begin{array}{c} \frac{1}{4} \text{ ---} \\ | \\ S16 \end{array}$$

1916

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

- 44.90 Spur slopes N., 350 ft. above gulch. Desc. 80 ft.  
 49.70 Head of gulch, course N. Asc. 90 ft.  
 57.55 Spur slopes NW. Desc. 360 ft., on W. slope.  
 70.40 Gulch, course NW. Asc. 170 ft., on NE. slope.  
 79.74 The cor. of secs. 8, 9, 16 and 17.

Land, mountainous and broken.

Soil, rocky; 4th rate.

Timber, pinyon and cedar.

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

Grass, poor.



Chains

- N.0°02'W., bet. secs. 8 and 9,  
over mountainous land, through scattering timber and  
dense undergrowth. Desc. 140 ft., on NE. slope.
- 11.25 Stream, 2 lks. wide, 1½ ins. deep, clear water, course NW.  
Asc. 50 ft.
- 19.25 Spur slopes NW. Desc. 50 ft., on N. slope.
- 24.15 Gulch, course W. Asc. on SW. 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

¼	
S8	S9

1916

- and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.
- 41.10 Ridge, 330 ft. above gulch, bears NW. and SE. Desc. 285  
ft., on NE. slope.
- 65.50 Gulch, near head, course SE. Asc. 110 ft., on S. slope.
- 71.35 Spur slopes SE. Desc. 135 ft., on N. slope.
- 75.90 Head of gulch, course NE. Asc. on SE. slope.
- 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

T19N	R12W
S5	S4
-----	
S8	S9

1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

Timber, pinyon and cedar.

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

Grass, poor.

- East, on a random line, bet. secs. 4 and 9.
- 40.00 Set temp. ¼ sec. cor.
- 79.80 Intersect N. and S. line 5 lks. S. of the cor. of secs.  
3, 4, 9 and 10.

Thence S.89°58'W., on a true line, bet. secs. 4 and 9,  
over mountainous land, through scattering timber and  
dense undergrowth, along N. slope.

- 5.40 Ridge bears NW. and SE., in saddle.
- 11.30 Spur slopes SW. Desc. 40 ft., on NW. slope.
- 15.30 Draw, course SW. Asc. 65 ft., on SE. slope.
- 25.20 Spur slopes S. Desc. 180 ft., on SW. slope.
- 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

S 4	
¼ -----	
S 9	
1916	

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

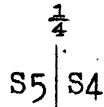
- 40.10 Wash, 20 lks. wide, course S. Asc. 40 ft., on SE. slope.
- 47.65 Spur slopes S. Desc. 140 ft., on SW. slope.
- 57.85 Wash, 150 lks. wide, course S.
- 62.90 Wash, 2 chs. wide, course NW. Asc. 70 ft., on NE. slope.
- 69.80 Spur slopes NE.
- 77.85 Wash, course NE. Asc. on SE. slope.
- 79.80 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous and broken. Soil, 4th rate. Timber  
pinyon and cedar. Undergrowth, oak brush, greasewood,  
catclaw, paloverde and cactus. Grass, poor.

Chains

N.0°02'W., on a random line, bet. secs. 4 and 5.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect N. bdy. of Tp. 30 lks. W. of the cor. of secs.  
 4, 5, 32 and 33, hereinbefore described.

Thence S.0°11'W., on a true line, bet. secs. 4 and 5,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Asc. 55 ft., on NW. slope.  
 3.80 Spur slopes NW. Desc. 20 ft., on SW. slope.  
 11.20 Gulch, course NW. Asc. 60 ft.  
 16.10 Draw, course NW. Asc. 225 ft., on N. slope.  
 25.10 Spur slopes NW. Desc.  
 40.30 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
 ground, surrounded by a mound of stone, (impracticable to  
 set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked



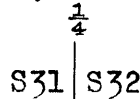
1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 52.90 Wash, 275 ft. below spur, 150 lks. wide, course NW.  
 Asc. 75 ft., on NE. slope.  
 61.80 Spur slopes NE. Desc. 25 ft., on SE. slope.  
 65.80 Wash, 30 lks. wide, course NE. Asc. 170 ft., on NW. slope.  
 75.40 Spur slopes NE. Desc. 60 ft., on SE. slope.  
 80.30 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous and broken.  
 Soil, rocky; 4th rate.  
 Timber, pinyon and cedar.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde  
 and cactus.  
 Grass, poor.

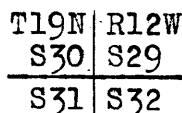
From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.,  
 described in book C;

N.0°03'W., bet. secs. 31 and 32,  
 over mountainous lands, through scattering undergrowth.  
 Desc. 300 ft., on N. slope.  
 16.40 Gulch, course S.25°E. Asc. 300 ft., on S. slope.  
 30.85 Top of spur slopes SW.  
 38.90 Point of spur from E., 80 ft., above 30.85 ch. pt.  
 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



1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 41.10 Wash, 100 ft. below spur, 50 lks. wide, course SW.  
 Asc. 140 ft., on NE. slope.  
 49.30 Point of spur from SW. Desc. 85 ft.  
 54.10 Same wash, at bend, comes from NE.; course SE. Asc. 325  
 ft., on rough, broken SE. slope.  
 73.00 Point of spur from NW.  
 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



1916

Chains

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, crucifixion thorn, ocotillo, greasewood, cactus and catclaw. Grass, poor.

40.00 East, on a random line, bet. secs. 29 and 32. Set temp. 1/4 sec. cor. 80.00 Intersect N. and S. line at the cor. of secs. 28, 29, 32 and 33.

Thence West, on a true line, bet. secs. 29 and 32, over mountainous land, through scattering undergrowth. Desc. 180 ft., on W. slope. 19.75 Gulch, course S. Asc. 160 ft., on E. slope. 29.40 Top of spur sloping S. 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

S29  
1/4 -----  
S32  
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Desc. 650 ft., on NW. slope. 75.15 Wash, 70 lks. wide, in gulch, course SW. Asc. 175 ft., on SE. slope. 80.00 The cor. of secs. 29, 30, 31 and 32.

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

West, on a true line, bet. secs. 30 and 31, over mountainous land, through scattering undergrowth. Asc. 220 ft. 6.50 Top of spur slopes S. Desc. 465 ft., on W. slope. 24.53 Wash, 100 lks. wide, in gulch, course S. Asc. 140 ft., on E. slope. 35.30 Point of spur from N. Desc. 35 ft. 37.25 Small wash, course S. Asc. on E. 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  
1/4 -----  
S31  
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. 49.40 Enter wash from W., in gulch, course SE. 250 ft. above 37.25 ch. pt. Asc. along gulch, 150 ft. 64.20 Head of same. Asc. 180 ft. 71.70 Top of spur slopes SE. Desc. 50 ft. 78.95 Intersect W. bdy. of Tp. 182 lks. N. of the cor. of secs. 25 and 36, heretofore the cor. of secs. 25, 30, 31 and 36, which is a granite stone, 14x12x8 ins. above ground, marked and witnessed as described by the surveyor general.

At point of intersection

Chains

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

T19N	T19N
	R12W
	S30
S25	-----CC
	S31
R13W	
1916	

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

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

Grass, poor.

N.0°03'W., bet. secs. 29 and 30, over mountainous land, through scattering undergrowth. Desc. 30 ft.

- 5.00 Draw, course E. Asc. 115 ft., on steep slope.
- 9.67 Point of spur from W. Asc. 275 ft., along E. side of ridge.
- 26.85 Spur slopes SW. Desc. 105 ft.
- 36.45 Wash, 60 lks. wide, in gulch, course SW. Asc. on SE. 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

	¼
S30	S29
1916	

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

- 44.85 Point of spur, 130 ft. above wash, slopes E. Desc. 50 ft.,
- 54.70 Wash, in gulch, course SE. Asc. 330 ft., on SW. slope.
- 71.60 Spur slopes SW. Desc. 40 ft.
- 76.65 Wash, in gulch, course SW. Asc. 110 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. 19, 20, 29 and 30, with brass cap, marked

T19N	R12W
S19	S20
S30	S29
1916	

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, paloverde, crucifixion thorn, cactus, catclaw, greasewood, and ocotillo.

Grass, poor.

- 40.00 East, on a random line, bet. secs. 20 and 29.
- 80.26 Set temp. ¼ sec. cor.
- Intersect N. and S. line at the cor. of secs. 20, 21, 28 and 29.

Thence West, on a true line, bet. secs. 20 and 29,

Subdivision of T. 19 N., R. 12 W.

Chains

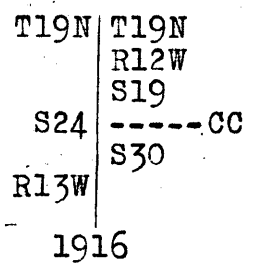
- over mountainous land, through scattering undergrowth. Desc. 170 ft.
- 14.70 Gulch, course S. Asc. 80 ft., on E. slope.
- 17.85 Point of spur from N. Desc. 60 ft., on steep slope.
- 21.15 Small wash, in gulch, course SE. Asc. 110 ft.
- 26.50 Spur slopes SW. Desc. 225 ft., on W. slope.
- 38.85 Small gulch, course SW.
- 40.13 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  
S20  
 $\frac{1}{4}$  -----  
S29  
1916  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 41.65 Point of spur from N. Desc. 250 ft., on steep slope.
- 56.25 Wash, 60 lks. wide, in gulch, course S. Stream of clear water, 6 ins. wide, 1 in. deep, in bottom. Asc. 240 ft., on E. slope.
- 69.85 Spur slopes S. Desc. 130 ft., on NW. slope.
- 76.40 Gulch, course SW. Asc. 25 ft.
- 80.26 The cor. of secs. 19, 20, 29 and 30.

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

West, on a true line, bet. secs. 19 and 30, over mountainous land, through scattering undergrowth. Asc. 45 ft.

- 2.90 Point of spur from N. Desc. 75 ft.
- 6.45 Head of gulch, course S. Asc. 200 ft., on E. slope.
- 14.40 Top of spur sloping SW. Desc. 220 ft., on NW. slope.
- 25.00 Wash, in gulch, course S. Asc. 45 ft.
- 28.30 Point of spur from N. Desc. 110 ft.
- 31.60 Wash, in gulch, course S. Asc. on E. 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  
S19  
 $\frac{1}{4}$  -----  
S30  
1916  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 47.70 Spur, 260 ft. above wash, slopes S. Desc. 315 ft., on W. slope.
- 66.45 Wash, 60 lks. wide, in gulch, course S. Asc. 290 ft.
- 75.00 Top of spur sloping S. Desc. 110 ft.
- 79.25 Intersect W. bdy. of Tp. 219 lks. N. of the cor. of secs. 24 and 25, heretofore the cor. of secs. 19, 24, 25 and 30, which is a granite stone, 12x8x4 ins. above ground, marked and witnessed as described by the surveyor general.

At point of intersection  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 19 and 30, with brass cap, marked



Chains

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

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

Grass, poor.

N.0°03'W., bet. secs. 19 and 20, over mountainous land, through scattering undergrowth. Asc. 150 ft.

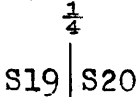
9.65 Top of ridge bears NE. and SW. Desc.

24.50 Wash, course SW. Asc. 90ft.

32.35 Point of spur from W.

35.80 Wash, 10 lks. wide, course SE. Asc.

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



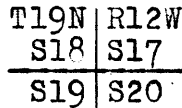
1916

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

Asc. abruptly over steep rocky slope,

72.85 Top of high ridge, 975 ft. above wash, bears NE. and SW. Thence along rocky NW. 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

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

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

Grass, poor.

East, on a random line, bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 10 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence S.89°56'W., on a true line, bet. secs. 17 and 20, over mountainous land, through scattering undergrowth. Desc. 85 ft., on W. slope.

4.43 Wash, in gulch, course S. Asc. 70 ft., on E. slope.

7.65 Top of spur slopes S. Desc. 135 ft.

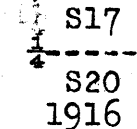
12.20 Wash, in gulch, course SW. Asc. 110 ft., on SE. slope.

14.40 Spur, sloping S.20°W. Desc. 80 ft.

19.25 Head of gulch, course S.20°W. Asc. 65 ft.

22.30 Ridge bears N. and S. Desc.

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



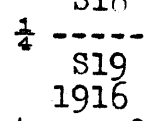
Subdivision of T. 19 N., R. 12 W.

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
41.95 Wash, in gulch, 325 ft. below ridge, course S. Asc. 950  
ft., on E. slope.  
72.70 Top of ridge bears NE. and SW. Desc. 135 ft.  
80.00 The cor. of secs. 17, 18, 19 and 20.

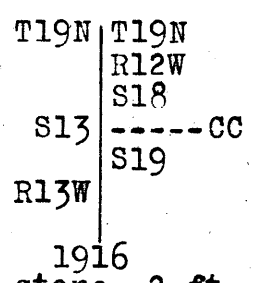
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, oak brush, crucifixion thorn, catclaw and  
cactus.  
Grass, poor.

West, on a true line, bet. secs. 18 and 19,  
over mountainous land, through scattering undergrowth,  
descending on abrupt 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



and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
44.65 Draw, 925 ft. below sec. cor., course SW. Asc. 30 ft.  
49.60 Point of spur from N. Desc. 115 ft.  
55.20 Wash, 30 lks. wide, in gulch, course S. Asc. 450 ft., on  
E. slope.  
75.00 Ridge bears N. and S. Desc. 35 ft.  
79.20 Intersect W. bdy. of Tp. 217 lks. N. of the cor. of secs.  
13 and 24, heretofore the cor. of secs. 13, 18, 19 and  
24, which is a granite stone, 15x8x6 ins. above ground,  
marked and witnessed as described by the surveyor gener-  
al.

At point of intersection  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 18 and 19, with brass  
cap, marked



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

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

N.0°03'W., bet. secs. 17 and 18,  
over mountainous land, through scattering undergrowth.  
Desc. 250 ft., on N. slope.  
9.15 Head of gulch, course NW. Asc. 65 ft., on S. slope.  
13.10 Spur slopes W. Desc. 70 ft., on NW. slope.  
18.20 Spur slopes NW. Desc. 165 ft.  
23.20 Head of gulch, course NW. Asc. 25 ft., on SW. slope.  
28.20 Spur slopes W. Desc. 150 ft., on NW. slope.

## Chains

37.90 Spur slopes NW. Desc. on N. 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

$\frac{1}{4}$   
S18 | S17

1916

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

49.50 Wash, 30 lks. wide, in gulch, 250 ft. below spur, course NW. Asc. 320 ft., on S. slope.

61.90 Spur slopes SW. Desc. 440 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

T19N | R12W  
S7 | S8  
-----  
S18 | S17

1916

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

Land, mountainous and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, pinyon, scrub cedar and oak, greasewood, catclaw, paloverde and cactus.

Grass, poor.

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

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

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

Thence N.  $89^{\circ}53'$  W., on a true line, bet. secs. 8 and 17, over mountainous land, through dense undergrowth and scattering timber. Asc. on NE. slope.

.90 Spur slopes N. Desc. 130 ft., on NW. slope.

6.60 Wash, 20 lks. wide, near head of gulch, course N. Asc. 70 ft., on NE. slope.

11.10 Spur slopes N. Desc. 90 ft., on NW. slope.

16.60 Wash, 20 lks. wide, in gulch, course NE. Desc. 250 ft., on SE. slope.

28.70 Ridge bears NW. and S. Desc. on SW. slope.

39.91 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 8

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

S17

1916

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

41.50 Head of gulch, course N.; 170 ft. below ridge.

Asc. 60 ft., on NE. slope.

44.85 Spur slopes NW. Desc. 350 ft., on SW. slope.

70.30 Wash, 30 lks. wide, in gulch, course NW. Desc. 90 ft., on NW. slope.

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, pinyon and cedar.

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

Grass, poor.



Subdivision of T. 19 N., R. 12 W.

Chains

West, on a true line, bet. secs. 7 and 18,  
 over mountainous land, through scattering timber and  
 dense undergrowth, on broken NW. slope.

18.90 Spur slopes NW. Desc. 90 ft., on SW. slope.

24.70 Wash, 40 lks. wide, in gulch, course NW. Asc. on NE. 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 7  
 $\frac{1}{4}$  -----  
 S18  
 1916

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

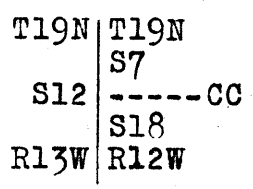
58.50 Spur, 610 ft. above wash, course NW. Desc. 565 ft., on  
 SW. slope.

76.20 Gulch, course NW., near head. Desc. 80 ft., on NW. slope.

77.70 Gulch, course SW. Asc. on SE. slope.

79.49 Intersect W. bdy. of Tp. 234 lks. N. of the cor. of secs.  
 12 and 13, heretofore the cor. of secs. 7, 12, 13 and 18,  
 which is a boulder, 6x2x2 ft. above ground, marked and  
 witnessed as described by the surveyor general.

At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
 ground, for closing cor. of secs. 7 and 18, with brass  
 cap, marked



1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 E. of cor. Impracticable to set post deeper in the  
 ground. Raise a mound of stone around same.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, pinyon and cedar.  
 Undergrowth, oak brush, catclaw, greasewood, cactus,  
 paloverde and ocotillo.  
 Grass, poor.

N.0°03'W., bet. secs. 7 and 8,  
 over mountainous land, through dense undergrowth.

.50 Wash, 20 lks. wide, course W. Asc. 180 ft., on SW. slope.

4.90 Spur slopes W. Desc. 160 ft., on NW. slope.

13.85 Draw, course NW.

17.00 Spur slopes NW. Desc. 160 ft., on NE. slope.

33.60 Draw, course NW. Asc. 30 ft., on SW. slope.

37.20 Spur slopes NW. Desc. on NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked

$\frac{1}{4}$   
 S7 | S8  
 1916

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

44.90 Wash, 100 ft. below spur, 40 lks. wide, course NW.

46.90 Wash, 50 lks. wide, course W. Asc. 225 ft., on SW. slope.

57.98 Spur sloping W. Desc. 130 ft., on N. slope.

74.25 Head of draw, course NW. Asc. 35 ft., on SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in  
 the ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for cor. of secs.

Chains

5, 6, 7 and 8, with brass cap, marked

T19N	R12W
S6	S5
S7	S8

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

Grass, poor.

40.00 East, on a random line, bet. secs. 5 and 8.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.60 Intersect N. and S. line 25 lks. N. of the cor. of secs.  
4, 5, 8 and 9.

Thence N.  $89^{\circ}49'W.$ , on a true line, bet. secs. 5 and 8,  
over mountainous land, through dense undergrowth.  
Asc. 35 ft., on SE. slope.  
3.20 Spur slopes NE. Desc. on NW. slope.  
8.60 Draw, near head, course NE. Asc. 110 ft., on NE. slope.  
15.40 Spur slopes N. Asc. 220 ft., on NE. slope.  
27.15 Ridge bears N. and S. Desc. on broken SW. slope.  
39.80 Set an iron post, 3 ft. long, 1 in. diam., 10 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. Impracticable to set post deeper in the  
ground. Raise a mound of stone, around same.  
74.70 Rocky wash, 40 lks. wide, 670 ft. below ridge, course NW.  
Asc. 45 ft.  
77.80 Spur slopes NW.  
79.60 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

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

Grass, poor.

West, on a true line, bet. secs. 6 and 7,  
over mountainous land, through dense undergrowth.  
Desc. 70 ft., on SW. slope.  
4.90 Spur slopes N. Desc. on NW. slope.  
15.85 Road bears NE. and SW.  
22.80 Wash, 15 lks. wide, course SW. Asc. 100 ft., on SE. slope.  
32.77 Ridge bears NE. and SW. Desc. 110 ft.  
39.30 Head of draw, course NW. Asc. on NE. 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 6
$\frac{1}{4}$ -----
S 7
1916

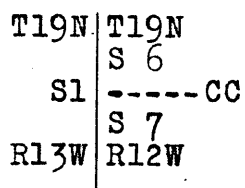
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
45.00 Spur slopes NW. Desc. 45 ft.

Subdivision of T. 19 N., R. 12 W.

Chains

49.95 Draw, course NW. Asc. 210 ft., on NE. slope.  
 65.10 Same ridge noted at 32.77 ch. pt., bears NW. and SE.  
 Desc. 200 ft.  
 79.19 Intersect W. bdy. of Tp. 260 lks. N. of the cor. of secs.  
 1 and 12, heretofore the cor. of secs. 1, 6, 7 and 12,  
 which is a stone, 15x9x7 ins., firmly set in a mound of  
 stone, marked and witnessed as described by the surveyor  
 general.

At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 6 and 7, with brass  
 cap, marked



1916

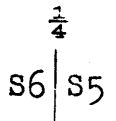
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 E. of cor.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde,  
 and cactus.  
 Grass, poor.

40.00 N.0°03'W., on a random line, bet. secs. 5 and 6,  
 Set temp. ¼ sec. cor.  
 80.26 Intersect N. bdy. of Tp. 5 lks. W. of the cor. of secs.  
 5, 6, 31 and 32, hereinbefore described.

Thence S.0°01'E., on a true line, bet. secs. 5 and 6,  
 over mountainous land, through scattering timber and  
 dense undergrowth. Asc. 50 ft., on NW. slope.

5.25 Ridge bears E. and W. Desc. 230 ft., on S. slope.  
 21.50 Wash, 60 lks. wide, in gulch, course SW. Asc. 75 ft., on  
 NW. slope.  
 26.10 Top of spur sloping W. Desc. 70 ft., on SW. slope.  
 36.40 Wash, 20 lks. wide, course NW. Asc. on NE. slope.  
 40.26 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper 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.

53.00 Top of spur, 150 ft. above wash, slopes W. Desc. on S. slope.  
 55.45 Head of draw, course W. Asc. on N. slope.  
 61.85 Top of spur sloping W. Thence along broken W. slope.  
 69.10 Top of spur sloping W. Desc. 25 ft., on SW. slope.  
 72.45 Wash, 50 lks. wide, course NW. Asc. 115 ft., on NE. slope.  
 79.75 Top of spur sloping NW.  
 80.26 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scrub cedar and pinyon.  
 Undergrowth, oak brush, greasewood, catclaw, paloverde,  
 and cactus.  
 Grass, poor.

Latitudes, Departures and Closing Errors.						
Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	West	479.20				479.20
West Boundary	North	481.17	481.17			
North Boundary	East	478.95			478.95	
East Boundary	South	480.00		480.00		
Convergency					.51	
Totals			481.17	480.00	479.46	479.20
			480.00		479.20	
Error in latitude			1.17			
	Error in departure				.26	

General Description

This township is very rough and mountainous, broken by high ridges and deep ravines draining southerly to Trout Creek, a stream of clear pure water having an average width of 50 lks. and a depth of 2 ft. Small streams of good water exist in some of the gulches.

The soil is very rocky, non-agricultural, supporting a scant growth of grass, a few scrub cedar and pinyon trees, and more or less dense undergrowth of paloverde, oak brush, ocotillo, catclaw, cactus, crucifixion thorn and manzanita. A few cottonwood trees are found along Trout Creek, with some willow.

Trout Creek is well stocked with trout, bass and suckers.

There are no settlers. The land has no apparent value except for grazing purposes, for which the abundant water and scant grass make it indifferently adaptable.



LIST OF ASSISTANTS TO OTIS ROSS, U.S. SURVEYOR.  
-----

BOOK 3206

W. Mc Vay,	1st. Chainman,
John McVay,	2nd chainman, 1st chainman.
Fred Flick,	Flagman,
L. A. Gray,	Axman, 2nd chainman,
T. W. Ross,	Moundman,
George Walters,	Moundman,

-----

LIST OF ASSISTANTS TO A. PARKER WARNER,  
U. S. TRANSITMAN.  
-----

Alexander MacRae,	1st chainman,
Duncan Mac Rae,	2nd chainman,
George P. Kirk,	Flagman,
Zerah M.D. Waley,	Moundman,
Nathan Foreman,	Axeman and line teamster,
Charles A. Pitchford,	Flagman,
Albert Said Porter,	Moundman,
John F. O'Brien,	Axeman and line teamster.

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Book "E."

Group 50 - - - Arizona,

T. 19 N., R. 12 W.

BOOK 3205

DATE DIAGRAM.

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

Accepted Survey

Executed on dates shown by Otis Ross, U.S. Surveyor.

Executed on dates shown by A. Parker Warner, U.S. Transitman,

Executed on dates shown by Eugene Marshbarger, U.S. Transitman.

218  
46  
BOOK 3206

FINAL CERTIFICATE OF U.S.SURVEYOR & U. S. TRANSITMAN.

We, Otis Ross, U.S.Surveyor, and A.Parker Warner,U.S.Transitman, hereby certify on honor that in pursuance of special instructions received from the U.S.Surveyor General for Arizona, for Group No.50, bearing date of the 20th day of February,1915, we have well,faithfully and truly, in our own proper persons, 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

G R O U P N o. 50,

North and West of the Gila and Salt River Base and Meridian,in the State of Arizona, which are represented in the foregoing field notes, and by the diagram on the reverse hereof, as having been executed by us, and under our direction; and we do further certify on honor 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 Arizona for Group No.50, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

A. Parker Warner  
U. S. Transitman.

Otis Ross  
U.S.Surveyor.

APPROVAL.

OFFICE OF UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, Sept. 24, 1918

The foregoing field notes of the survey of the East and North Boundaries, and the Subdivision lines of

TOWNSHIP 19 NORTH, RANGE 12 WEST,

of the Gila and Salt River Base and Meridian,in the State of Arizona,executed by Otis Ross,U.S.Surveyor,and A.Parker Warner, U.S.Transitman,under special instructions dated Feb.20,1915,for Group 50,Arizona, 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 of Arizona.