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3129

Book "P"

4-679

ADJ. 5. 1818

(1)

(Subdivisions) BOOK 3129

# FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 19 NORTH, RANGE 16 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Mans H. Coffin, Jr., and Howard G. Mason,

U. S. Transitmen,

~~In the capacity of U. S. Surveyor~~, under instructions dated January 7, 1915,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 46, which were approved by the Commissioner of the General Land  
Office, January 22, 1915.

Survey commenced April 26, 1916

Survey completed May 20, 1916.

Executed under Assignment  
Instructions dated Jan. 28, 1915 and Nov. 6, 1915.

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 Book "P"  
 Group 46 - Arizona.  
 (Subdivisions)

BOOK 3129

INDEX DIAGRAM.

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

Subdivision lines surveyed under this Group.

Township boundaries surveyed under this Group.  
 Notes in Book "B." 3115

Subdivision of Township 19 North, Range 16 West.

Chains

Survey executed on dates shown on diagram on page 33 of this book by U.S. Transitmen Mans H. Coffin, Jr., and Howard G. Mason, using instruments numbers 8540 and 8298 respectively, up to April 29, 1916, inclusive,

These instruments are described, with record of approval by the assistant supervisor of surveys for Arizona and California, and field tests, in Book "H." The adjustments were frequently examined and maintained throughout the survey by comparison of the results of solar observations with the true meridian as determined by observations on Polaris.

After May 1, 1916, instrument number 8487, identical in description with those above mentioned, was used by Mr. Mason instead of 8298. This transit was approved, subject to satisfactory field tests, by the assistant supervisor of surveys for Arizona and California, on May 1, 1916. A record of field test, with additional test of transit number 8540, follows:

Test of Instruments.

Howard G. Mason, observer. May 6, 1916.

At my camp, near cor. of secs. 14, 15, 22 and 23, in lat.  $35^{\circ} 01\frac{1}{2}'$  N.; long.  $113^{\circ} 54\frac{1}{2}'$  W., I set off  $35^{\circ} 01\frac{1}{2}'$  on the lat. arc; and  $16^{\circ} 41'$  N. on the decl. arc; and determine a meridian with the solar, marking a point in the same by a tack driven in a wooden stake firmly set in the ground 5 chs. N. of my station. Time, 5h. 00m. p.m., l.m. t.

May 7, 1916.

At the above described station, at 4h. 32lm. a.m., l.m.t. I observe Polaris at eastern elongation in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a wooden stake firmly set in the ground east of the point set by the solar.

At 6h. 40m. a.m., I turn off the azimuth of Polaris  $1^{\circ} 23\frac{1}{2}'$  to the W., and mark the meridian thus determined by a tack driven in a wooden stake approximately in line with that set by the solar.

At 7h. 00m. a.m., l.m.t., I set off  $35^{\circ} 01\frac{1}{2}'$  on the lat. arc; and  $16^{\circ} 51'$  N. on the decl. arc, and determine a meridian with the solar.

The results of both a.m. and p.m. observations with the solar agree within less than one minute of arc with the true meridian as determined by Polaris observation; these observations being made in duplicate by Mr. Coffin with transit number 8450, with similar results. It is therefore concluded that the adjustments are satisfactory. Level and collimation adjustments were previously tested and errors corrected.

The magnetic declination in this township is  $14^{\circ} 45'$  E.

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2. Subdivision of Township 19 North, Range 16 West.

Chains.

From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., described in Book "B."

N. 0° 01' W., bet. secs. 35 and 36.

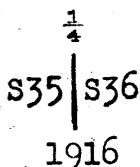
Over rough, mountainous land, through dense undergrowth. Ascend 50 ft. on SE. slope.

5.00 Spur slopes NE. Descend 480 ft. on NE. slope.

23.60 Ravine, course NE. Ascend 270 ft. on S. slope.

39.00 Spur, slopes E. Descend on NW slope.

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



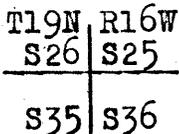
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

47.10 Ravine, 260 ft. below spur, course NE. Ascend 120 ft. on SE. slope.

55.10 Spur, slopes NE. Descend 540 ft. on NW. slope.

78.70 Ravine, course NE. Ascend on SE. slope.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground, surrounded by a mound of stone (impracticable to set post farther 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,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, oak, mahogany, manzanita and catclaw.

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

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

79.80 Intersect E. bdy. of Tp., 48 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "B."

Thence N. 89° 39' W., on a true line, bet. secs. 25 and 36.

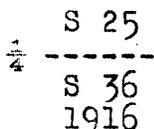
Over rough, mountainous land, through dense undergrowth. Descend 410 ft. on W. slope.

Subdivision of T. 19 N. R. 16 W.

Chains

30.10 Walnut Creek, containing stream 5 lks. wide, 4 ins. deep, course N. Asc. on E. slope.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

43.35 Ridge, 295 ft. above creek, bears N. and S. Desc. W. slope, 185 ft.

60.10 Ravine, course N. Asc. 135 ft., on NE. slope.

71.35 Desc. 50 ft., on NW. slope.

76.90 Ravine, course NE. Asc. 50 ft., on SE. slope.

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

Land, rough mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, manzanita, oak, mahogany and catclaw.

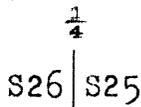
N.0°01'W., bet. secs. 25 and 26, over rough mountainous land, through dense undergrowth. Asc. 65 ft., on SE. slope.

9.80 Ridge bears NE. and SW. Desc. 280 ft., over rolling NE. slope.

25.25 Gulch, course E. Asc. 60 ft.

29.25 Spur slopes NE. Desc.

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



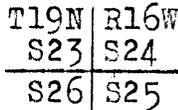
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

41.00 Gulch, 160 ft. below spur, course NE. Asc. 100 ft.

52.80 Spur slopes NE. Desc. 435 ft.

76.60 Walnut Creek, containing stream 5 lks. wide, 4 ins. deep, course W. Asc. 15 ft., on SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 23, 24, 25 and 26, with brass cap, marked



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, oak, mahogany, manzanita and catclaw.

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

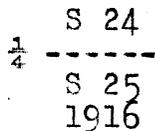
79.84 Set temp. 1/4 sec. cor.

Intersect E. bdy. of Tp. 46 lks. N. of the cor. of secs. 19, 24, 25 and 30, described in book "B"

Subdivision of T. 19 N., R. 16 W.

Chains

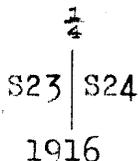
1.75 Thence N.89°40'W., on a true line, bet; secs, 24 and 25,  
 over roughly rolling hills, through dense undergrowth.  
 18.60 Gulch, course SW.  
 25.00 Same gulch, course NW.  
 39.92 Same gulch, course SW.  
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther in the ground) for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked



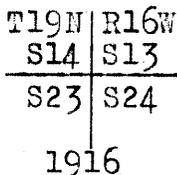
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 65.95 Gulch, course SW.  
 79.84 The cor. of secs. 23, 24, 25 and 26.

Land, roughly rolling hills.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, catclaw, manzanita, mahogany and oak.

1.25 N.0°01'W., bet. secs. 23 and 24,  
 over roughly rolling hills, through dense undergrowth.  
 Wagon road bears E. to Walnut Creek Mine and W. to Drake.  
 Asc. 110 ft.  
 10.80 Ridge bears E. and W. Desc. 120 ft., on NE. slope.  
 16.30 Gulch, course NW. Asc. on rolling SW. slope.  
 40.00 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 farther 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.  
 44.00 Gulch, course SW. Asc. 310 ft., on SE. slope.  
 51.00 Ridge bears E. and W. Desc. 225 ft., on N. slope.  
 60.90 Gulch, course W. Asc. 210 ft., on S. slope.  
 70.85 Ridge bears E. and W. Desc. 250 ft., on N. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
 ground, for cor. of secs. 13, 14, 23 and 24, with brass  
 cap, marked



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

Land, rolling and rough hills.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, mahogany, oak and catclaw.

40.00 East, on a random line, bet. secs. 13 and 24.  
 80.04 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect E. bdy. of Tp. 40 lks. N. of the cor. of secs.  
 13, 18, 19 and 24, described in book "B"

Thence N.89°43'W., on a true line, bet. secs. 13 and 24,

Chains

over rough mountainous land, through dense undergrowth. Desc. 150 ft., on NW. slope.

4.75 Gulch, course SW. Wagon road follows bottom of same, bearing NE. and SW. Thence over rolling S. slope.

29.35 Spur slopes S. Desc. 170 ft., on SW. slope.

38.95 Same gulch, with same road, course NW. Asc.

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

S 13  
 $\frac{1}{4}$  -----  
S 24  
1916

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

41.75 Same gulch, course SW. Same wagon road in bottom, bearing NE. and SW. Asc. 180 ft., on SE. slope.

51.15 Ridge bears NE. and SW. Desc. 440 ft., on SW. slope.

66.65 Gulch, course NW. Asc. 30 ft.

70.00 Desc. 80 ft.

80.04 The cor. of secs. 13, 14, 23 and 24.

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

N.0°01'W., bet. secs. 13 and 14,  
over rough mountainous land, through dense undergrowth.

2.50 Draw, course NW. Asc. 430 ft., on rocky S. slope.

30.50 Top of spur extends NW. Desc. 260 ft.

39.60 Gulch, course W. Asc. on rocky SW. slope.

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

S14 | S13  
1916

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

60.20 Spur, 400 ft. above gulch, slopes W. Desc. 150 ft., on NW. slope.

76.40 Gulch, course SW. Asc. on SE. 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 farther in the ground) for cor. of secs. 11, 12, 13 and 14, with brass cap, marked

T19N | R16W  
S11 | S12  
S14 | S13  
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, mahogany, oak and catclaw.

40.00 East, on a random line, bet. secs. 12 and 13,  
Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect E. bdy. of Tp. 24 lks. N. of the cor. of secs. 7, 12, 13 and 18, described in book "B"

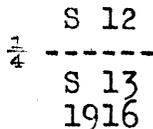
Chains

Thence N.89°50'W., on a true line, bet. secs. 12 and 13, over rough mountainous land, through dense undergrowth and scattering timber. Asc. on NE. slope.

1.45 Ridge bears NW. and SE. Desc. 700 ft., on SW. slope.

36.75 Gulch, course S. Asc. on SE. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

49.10 Ridge, 180 ft. above gulch, bears NE. and SW. Desc. 480 ft., on roughly rolling NW. slope.

78.90 Gulch, course SW. Ascend 2, 13 and 14.

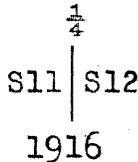
79.94 The cor. of secs. 11, 12, 13 and 14.  
Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon.  
Undergrowth, oak, mahogany, catclaw and manzanita.

N, 0°01'W., bet. secs. 11 and 12, over rough mountainous land, through scattering timber and dense undergrowth. Asc. 100 ft., on SE. slope.

8.80 Ridge bears NE. and SW. Desc. 235 ft., on NW. slope.

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

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



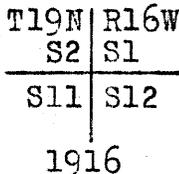
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

47.85 Ridge, 255 ft. above ravine, bears NW. and SE. Desc. 360 ft., on NE. slope.

74.15 Canyon, course NW. Asc. 50 ft., on SW. slope.

77.50 Desc. 50 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon.  
Undergrowth, manzanita, oak, mahogany and catclaw.

East, on a random line, bet. secs. 1 and 12.

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

80.02 Intersect E. bdy. of Tp. 22 lks. N. of the cor. of secs. 1, 6, 7 and 12, described in book "B"

Subdivision of T. 19 N., R. 16 W.

Chains

Thence N.89°51'W., on a true line, bet. secs. 1 and 12, over rough mountainous land, through scattering timber and dense undergrowth. Asc. 45 ft.

2.00 Desc. 350 ft., on NW. slope.

18.00 Gulch, course SW. Asc. 125 ft., on SE. slope.

24.25 Desc. 300 ft., on SW. slope.

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

S 1  
1/4 -----  
S 12  
1916

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

Asc. 55 ft., on SE. slope.

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

65.30 Gulch, course SW. Asc. 30 ft., on SE. slope.

71.00 Desc. 140 ft., on SW. slope.

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

Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon.  
Undergrowth, oak, mahogany, manzanita and catclaw.

40.00 N.0°01'W., on a random line, bet. secs. 1 and 2.  
Set temp. 1/4 sec. cor.

79.75 Intersect N. bdy. of Tp. 14 lks. E. of the cor. of secs. 1, 2, 35 and 36, described in book "B".

Thence S.0°07'E., on a true line, bet. secs. 1 and 2, over rough mountainous land, through dense undergrowth and scattering timber. Desc. slightly on SW. slope.

3.35 Gulch, course NW. Asc. 355 ft., on NE. slope.

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

39.75 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for 1/4 sec. cor., with brass cap, marked

1/4  
S2 | S1  
1916

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

46.50 Spur, 515 ft. below ridge, slopes SW. Desc. 475 ft., on SE. slope.

66.15 Gulch, course SW.

74.75 Desc. 80 ft., on SW. slope.

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

Land, rough mountainous.  
Soil, rocky; 4th rate.  
Timber, pinyon.  
Undergrowth, oak, mahogany and crucifixion thorn.

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

N.0°01'W., bet. secs. 34 and 35, over mountainous land, through dense undergrowth, along broken W. slope.

6.50 Spur slopes NW. Desc. 925 ft., on N. slope.

36.50 Ravine, course NW. Asc. on S. slope.

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

8 14 Subdivision of T. 19 N. R. 16 W.

Chains

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

1916

43.00 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Spur, 125 ft. above ravine, bears NW. Desc. 520 ft., on  
 N. slope.

60.10 Ravine, course NW. Thence along broken 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

T19N | R16W  
 S27 | S26  
 S34 | S35

1916

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

Land, mountainous.

Soil, shallow and rocky; 4th rate.

Timber, scattering pinyon on N. slopes.

Undergrowth, oak, mahogany, manzanita and catclaw.

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

79.80 Intersect N. and S. line 44 lks. N. of the cor. of secs.  
 25, 26, 35 and 36.

Thence N.  $89^{\circ}41'$  W., on a true line, bet. secs. 26 and 35,  
 over rough mountainous land, through scattering timber  
 and dense undergrowth. Asc. 240 ft., on SE. slope.

15.20 Spur slopes NE. Desc. 375 ft., on NW. slope.

39.40 Ravine, course NE. Asc. on SE. slope.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther in the ground) for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked

S 26  
 $\frac{1}{4}$  -----  
 S 35  
 1916

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

58.60 Ridge, 425 ft. above ravine, bears N. and S. Desc. 375 ft.  
 on NW. slope.

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, pinyon.

Undergrowth, oak, mahogany and catclaw.

N.  $0^{\circ}01'$  W., bet. secs. 26 and 27,  
 over mountainous land, along broken W. slope, through  
 dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther in the ground) for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked

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

Subdivision of T. 19 N., R. 16 W.

Chains

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 22, 23, 26 and 27, with brass cap, marked

T19N	R16W
S22	S23
<hr/>	
S27	S26
<hr/>	
1916	

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

Land, mountainous.  
 Soil, rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, oak, mahogany, manzanita and catclaw.

40.00 East, on a random line, bet. secs. 23 and 26.  
 Set temp. ¼ sec. cor.

79.76 Intersect N. and S. line 48 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence N.89°39'W., on a true line, bet. secs. 23 and 26, over mountainous land, through dense undergrowth.  
 Desc. 45 ft., on SW. slope.

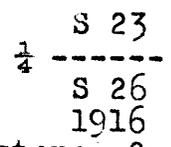
6.05 Walnut Creek, containing stream 6 lks: wide, 4 ins. deep, course NW. Asc. 250 ft., on NE. slope.

20.45 Spur slopes N. Desc. 80 ft., on NW. slope.

25.25 Gulch, course NE. Asc. 100 ft., on NE. slope.

32.25 Spur slopes NE. Desc. NW. slope.

39.88 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

41.20 Gulch, 150 ft. below spur, course NE. Asc. 320 ft., on NE. slope.

69.35 Ridge bears NW. and SE. Desc. 235 ft., on SW. slope.

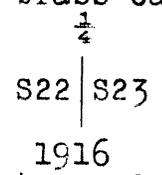
79.76 The cor. of secs. 22, 23, 26 and 27.

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

N.0°01'W., bet. secs. 22 and 23, over mountainous land, through dense undergrowth.  
 Asc. 60 ft., on SW. slope.

3.50 Spur slopes NW. Desc. on broken NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

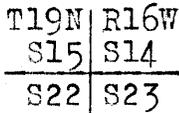


and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

44.80 Ft. of slope, 600 ft. below spur.

Chains

58.10 Walnut Creek, course NW. Asc. on broken SW. slope.  
 59.45 Road bears NW. to Drake and SE. to Walnut Creek Mine.  
 77.80 Spur, 200 ft. above creek, extends SW. Thence on broken NW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post 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, 1½ ft. high, W. of cor.

Land, mountainous.

Soil, rocky; 2nd and 3rd rate.

No timber.

Undergrowth, mahogany, oak and crucifixion thorn.

40.00 East, on a random line, bet. secs. 14 and 23.  
 Set temp. ¼ sec. cor.  
 79.88 Intersect N. and S. line 36 lks. N. of the cor. of secs. 13, 14, 23 and 24.

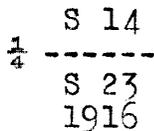
Thence N.89°45'W., on a true line, bet. secs. 14 and 23, over rough mountainous land, through dense undergrowth, along broken N. slope.

15.23 Gulch, 170 ft. below sec. cor., course SW. Asc. 150 ft., on SE. slope.

32.00 Spur slopes S. Desc. 55 ft., on W. slope.

37.10 Gulch, course S. Asc. on SE. slope.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

47.30 Spur slopes S., 140 ft. above gulch. Desc. 220 ft., on SW. slope.

56.53 Gulch, course SW. Asc. 100 ft., on SE. slope.

61.80 Ridge bears NE. and SW. Desc. 210 ft. on NW. slope.

79.88 The cor. of secs. 14, 15, 22 and 23.

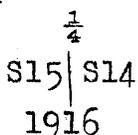
Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, catclaw, manzanita and oak.

6.00 N.0°01'W., bet. secs. 14 and 15,  
 over mountainous land, through dense undergrowth.  
 Desc. 130 ft., on NW. slope.  
 27.80 Gulch, course SW. Asc. 740 ft., on SE. slope.  
 Rocky spur slopes SW. Desc. 270 ft., on broken NW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked



Subdivision of T. 19 N., R. 16 W.

11

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Thence along broken W. 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 farther in the ground ) for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

T19N	R16W
S10	S11
S15	S14

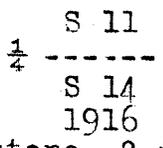
1916

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

Land, mountainous.  
 Soil, shallow and rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

40.00 East, on a random line, bet; secs. 11 and 14.  
 Set temp. ¼ sec. cor.  
 80.06 Intersect N. and S. line 38 lks. N. of the cor. of secs. 11, 12, 13 and 14.

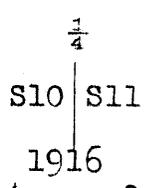
Thence N.89°44'W., on a true line, bet. secs. 11 and 14, over rough mountainous land, through scattering undergrowth. Asc. on broken SE. slope.  
 24.05 Ridge bears NE. and SW. Thence along N. slope.  
 32.00 Desc. along NW. slope.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on bed rock, for ¼ sec. cor., with brass cap, marked



80.06 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 925 ft. below ridge,  
 The cor. of secs. 10, 11, 14 and 15.

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

N.0°01'W., bet. secs. 10 and 11, over rough broken mountainous land, through scattering undergrowth.  
 36.40 Gulch, course SW., containing several small springs. Asc. on broken SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on bed rock, for ¼ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 80.00 940 ft. above gulch,  
 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, ( impracticable to set post in the ground ) for cor.

12 Subdivision of T. 19 N., R. 16 W.

Chains									
	<p>of secs. 2, 3, 10 and 11, with brass cap, marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T19N</td> <td style="padding: 0 5px;">R16W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S3</td> <td style="padding: 0 5px;">S2</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S10</td> <td style="padding: 0 5px;">S11</td> </tr> </table> <p style="text-align: center;">1916</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Land, mountainous. Soil, rocky; 2nd, 3rd and 4th rate. No timber. Undergrowth, crucifixion thorn and mahogany.</p> <hr style="border-top: 1px dashed black;"/>	T19N	R16W	S3	S2	S10	S11		
T19N	R16W								
S3	S2								
S10	S11								
40.00	East, on a random line, bet. secs. 2 and 11.								
79.90	Set temp. ¼ sec. cor. Intersect N. and S. line 36 lks. N. of the cor. of secs. 1, 2, 11 and 12.								
10.75	Thence N.89°45'W., on a true line, bet. secs. 2 and 11, over rough mountainous land, through dense undergrowth. Desc. 110 ft., on SW. slope.								
16.20	Canyon, course NW. Asc. 60 ft., on NE. slope.								
21.75	Spur slopes NW. Desc. 160 ft., on NW. slope.								
39.95	Same canyon, course SW. Thence over rolling SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 5px;">S</td> <td style="padding: 0 5px;">2</td> </tr> <tr> <td style="padding: 0 5px;">¼</td> <td style="padding: 0 5px;">-----</td> </tr> <tr> <td style="padding: 0 5px;">S</td> <td style="padding: 0 5px;">11</td> </tr> <tr> <td></td> <td style="padding: 0 5px;">1916</td> </tr> </table>	S	2	¼	-----	S	11		1916
S	2								
¼	-----								
S	11								
	1916								
48.75	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.								
51.90	Spur slopes SE. Desc. 70 ft.								
59.30	Gulch, course SE. Asc. 135 ft.								
64.00	Spur slopes SE. Desc. 110 ft.								
79.90	Asc. 315 ft. The cor. of secs. 2, 3, 10 and 11.								
	<p>Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, catclaw, manzanita, mahogany and crucifixion thorn.</p> <hr style="border-top: 1px dashed black;"/>								
40.00	N.0°01'W., on a random line, bet. secs. 2 and 3.								
79.58	Set temp. ¼ sec. cor. Intersect N. bdy. of Tp. 9 lks. E. of the cor. of secs. 2, 3, 34 and 35, described in book "B".								
2.60	Thence S.0°05'E., on a true line, bet. secs. 2 and 3, over mountainous land, through scattering timber and dense undergrowth. Asc. 140 ft., on N. slope.								
24.60	Ridge bears NE. and SW. Desc. 270 ft., on SW. slope.								
39.58	Ravine, course NW. Asc. on NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 5px;">S3</td> <td style="padding: 0 5px;">S2</td> </tr> <tr> <td></td> <td style="padding: 0 5px;">1916</td> </tr> </table>	S3	S2		1916				
S3	S2								
	1916								
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.								

Subdivision of T. 19 N., R. 16 W.

Chains

60.60 Ridge, 560 ft. above ravine, bears NE. and SW. Desc. 310 ft. on SE. slope.

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

Land, mountainous.  
Soil, 2nd and 3rd rate; rocky.  
Timber, cedar.  
Undergrowth, oak and crucifixion thorn.

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., described in book "B"

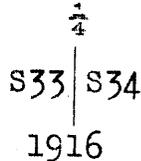
N.0°02'W., bet. secs. 33 and 34, over mountainous land, through dense undergrowth. Desc. 40 ft.

3.50 Stream, course NW. Asc. 70 ft., on SW. slope.

10.00 Spur slopes NW. Desc. 190 ft., on N. slope.

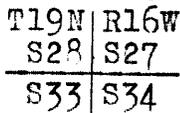
18.60 Stream, 2 lks. wide, course W. Thence along broken SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



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

80.00 600 ft. above stream, Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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; 2nd and 3rd rate.  
No timber.  
Undergrowth, mahogany, manzanita and oak.

40.00 East, on a random line, bet. secs. 27 and 34.

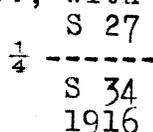
Set temp.  $\frac{1}{4}$  sec. cor.

79.78 Intersect N. and S. line 14 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence N.89°54'W., on a true line, bet. secs. 27 and 34, over mountainous land, through dense undergrowth and scattering timber. Desc. 285 ft., along broken NW. slope.

12.50 Stream, 2 lks. wide, course N. Asc. on broken NE. slope.

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



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

14 Subdivision of T. 19 N., R. 16 W.

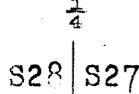
Chains

68.50 Ridge, 715 ft. above stream, bears NW. and SE. Desc. 320 ft., on W. slope.

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

Land, mountainous.  
Soil, shallow and rocky; 3rd and 4th rate.  
Timber, scattering pinyon on N. slopes.  
Undergrowth, oak, mahogany and manzanita.

40.00 N.0°02'W., bet. secs. 27 and 28, over mountainous land, through scattering pine timber and dense undergrowth, along broken W. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



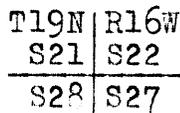
1916

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

41.70 Head-of gulch, course SW. Asc. 225 ft., on S. slope.

58.00 Ridge bears NW. and SE. Desc. 525 ft., on N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground on solid rock, surrounded by a mound of stone, for cor. of secs. 21, 22, 27 and 28, with brass cap, marked



1916

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

Land, mountainous.  
Soil, shallow and rocky; 3rd and 4th rate.  
Timber, scattering pinyon on N. slopes.  
Undergrowth, oak, mahogany and manzanita.

40.00 East, on a random line, bet. secs. 22 and 27.

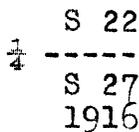
Set temp. 1/4 sec. cor.

79.94 Intersect N. and S. line 2 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence S.89°59'W., on a true line, bet. secs. 22 and 27, over mountainous land, through dense undergrowth and scattering timber. Desc. 185 ft., over broken W. slope.

21.75 Stream, 2 lks. wide, course NE. Asc. on SE. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

43.00 Spur, 420 ft. above stream, slopes NE. Thence along broken N. slope.

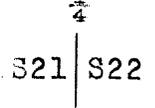
79.94 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous. Soil, 3rd and 4th rate. Timber, pinyon. Undergrowth, manzanita, mahogany, catclaw and oak.

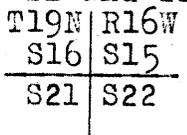
Subdivision of T. 19 N. R. 16 W.

Chains

N.0°02'W., bet. secs. 21 and 22,  
 over mountainous land, along broken NE. slope, through  
 dense undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post 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.  
 80.00 790 ft. below cor. of secs. 21, 22, 27 and 28,  
 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound  
 of stone, (impracticable to set post in the ground) for  
 cor. of secs. 15, 16, 21 and 22, with brass cap, marked



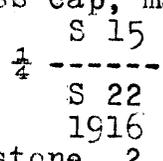
1916  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

Land, mountainous.  
 Soil, rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, mahogany, oak and cactus.

40.00 East, on a random line, bet. secs. 15 and 22.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. and S. line 20 lks. S. of the cor. of secs.  
 14, 15, 22 and 23.

Thence S.89°51'W., on a true line, bet. secs. 15 and 22,  
 over mountainous land, through dense undergrowth.  
 Desc. 170 ft., on broken NW. slope.

10.10 ft. of slope.  
 21.38 Road bears NW. to Drake and SE. to Walnut Creek Mine.  
 25.58 Walnut Creek, 8 lks. wide, course NW. Asc. on NE. slope.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post 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.  
 41.60 Spur, 415 ft. above creek, slopes NW. Desc. 380 ft., on  
 NW. slope.  
 60.35 Ravine, course NW. Asc. 145 ft., on broken NE. slope.  
 80.08 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.  
 Soil, rocky; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, mahogany, crucifixion thorn, cactus and dat-  
 claw.

N.0°02'W., bet. secs. 15 and 16,  
 over mountainous land, through dense undergrowth, along  
 broken 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 farther in the ground) for  $\frac{1}{4}$  sec. cor.,

Chains

with brass cap, marked

	1/4	
S16		S15

1916

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

69.10 Road from Drake to Walnut Creek mine bears NW. and SE.

69.70 Walnut Creek, 8 lks. wide, course NW. Thence along broken W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, on solid rock, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked

T19N		R16W
S 9		S10
S16		S15

1916

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

Land, mountainous.

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

No timber.

Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

40.00 East, on a random line, bet. secs. 10 and 15.

Set temp. 1/4 sec. cor.

79.82 Intersect N. and S. line 14 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence N. 89° 54' W., on a true line, bet. secs. 10 and 15, over mountainous land, through dense undergrowth. Desc. on broken W. slope.

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

S 10

1/4		-----
S 15		S 10
1916		S 15

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

55.30 Draw, 440 ft. below sec. cor., course SW. Asc. 85 ft., on E. slope.

68.10 Spur slopes SW. Desc. 230 ft., on W. slope.

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

Land, mountainous.

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

No timber.

Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

N. 0° 02' W., bet. secs. 9 and 10, over mountainous land, through dense undergrowth, along broken W. slope.

14.20 Draw, course SW. Asc. on S. slope.

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

	1/4	
S 9		S10
1916		S 9

Chains

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

44.00 Spur, 485 ft. above draw, slopes SW. Asc. 435 ft., along  
broken SW. slope.

79.40 Ridge bears NW. and SE. Desc. on N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the  
ground, on solid rock, surrounded by a mound of stone,  
for cor. of secs. 3, 4, 9 and 10, with brass cap, marked

T19N	R16W
S4	S3
<hr/>	
S 9	S10

1916

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

Land, mountainous.  
Soil, shallow and rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, crucifixion thorn, oak, mahogany and cactus.

40.00 East, on a random line, bet. secs. 3 and 10.  
Set temp. ¼ sec. cor.

79.68 Intersect N. and S. line 8 lks. S. of the cor. of secs.  
2, 3, 10 and 11.

11.20 Thence S.89°57'W., on a true line, bet. secs. 3 and 10,  
over mountainous land, through dense undergrowth, along  
broken S. slope.

39.84 Spur slopes SW. Desc. on SW. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for ¼ sec. cor., with  
brass cap, marked

S 3
¼ -----
S 10
1916

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

54.50 Draw, 630 ft. below spur, course NW. Thence along broken  
N. slope.

79.68 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.  
Soil, rocky; 2nd and 3rd rate.  
No timber.  
Undergrowth, crucifixion thorn and catclaw.

40.00 N.0°02'W., on a random line, bet. secs. 3 and 4.  
Set temp. ¼ sec. cor.

79.89 Intersect N. bdy. of Tp. 29 lks. E. of the cor. of secs.  
3, 4, 33 and 34, described in book "B"i.

25.40 Thence S.0°14'E., on a true line, bet. secs. 3 and 4,  
over mountainous land, through dense undergrowth.  
Desc. 325 ft., on broken SW. slope.

39.40 Spur slopes SW. Desc. 200 ft., on broken SE. slope.  
Draw, course W.

39.89 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for ¼ sec. cor., with  
brass cap, marked

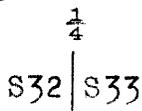
¼
S4   S3
1916

Chains

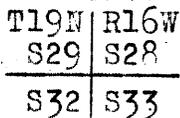
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor.  
 Asc. 45 ft.  
 42.40 Spur slopes W. Desc. 60 ft.  
 46.70 Draw, course NW. Asc. 430 ft., over broken N. slope.  
 79.89 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous.  
 Soil, rocky; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, crucifixion thorn, oak and mahogany.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp.  
 described in book "B,"  
 N.0°02'W., bet. secs. 32 and 33,  
 over roughly rolling hills, through scattering undergrowth,  
 along NW. slope.  
 12.60 Gulch, course NW. Asc. 130 ft., on SW. slope.  
 25.80 Ridge bears E. and W. Desc. 160 ft., on NW. slope.  
 38.55 Rock Creek, dry, course SW. Asc. S. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther 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.  
 66.00 Spur, 420 ft. above Rock Creek, slopes SE. Desc. 115 ft.,  
 on NE. slope.  
 71.65 Gulch, course SE. Asc. 80 ft., on SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post farther in the ground) for cor. of secs.  
 28, 29, 32 and 33, with brass cap, marked



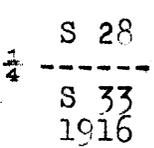
1916  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor.

Land, roughly rolling hills.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, oak, mahogany and catclaw.

East, on a random line, bet. secs. 28 and 33.  
 40.00 Set temp. ¼ sec. cor.  
 80.00 Intersect N. and S. line 17 lks. N. of the cor. of secs.  
 27, 28, 33 and 34.

Thence N.89°53'W., on a true line, bet. secs. 28 and 33,  
 over rough mountainous land, through scattering undergrowth.  
 Desc. on W. slope.  
 40.00 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 farther in the ground) for ¼ sec. cor.,  
 with brass cap, marked

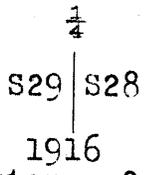
Chains



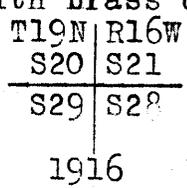
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
46.10 Gulch, 740 ft. below sec. cor., course SW. Asc. 235 ft.,  
on SE. slope.  
62.20 Thence along S. slope.  
70.70 Spur slopes S. Desc. 275 ft., on SW. slope.  
80.00 The cor. of secs. 28, 29, 32 and 33.

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

N.0°02'W., bet. secs. 28 and 29,  
over mountainous land, through scattering undergrowth.  
Asc. 50 ft., on SW. slope.  
5.00 Gulch, course SW. Asc. 825 ft., on S. slope.  
35.80 Rocky ridge bears NE. and SW. Desc. on broken NW. slope,  
through dense undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther 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.  
80.00 975 ft. below ridge,  
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for cor. of secs.  
20, 21, 28 and 29, with brass cap, marked

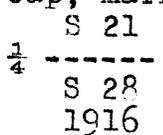


and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

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

40.00 East, on a random line, bet. secs. 21 and 28.  
Set temp. ¼ sec. cor.  
79.98 Intersect N. and S. line 9 lks. S. of the cor. of secs.  
21, 22, 27 and 28.

Thence S.89°56'W., on a true line, bet. secs. 21 and 28,  
over mountainous land, through dense undergrowth.  
Asc. 515 ft., on NE. slope.  
22.70 Ridge bears NW. and SE. Desc. along broken NW. slope.  
39.99 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, (impracticable to set post in the ground) for ¼  
sec. cor., with brass cap, marked



20 Subdivision of T. 19 N., R. 16 W.

Chains

79.98 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
710 ft. below spur,  
The cor. of secs. 20, 21, 28 and 29.

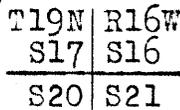
Land, mountainous.  
Soil, rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, mahogany and oak.

19.00 N.0°02'W., bet. secs. 20 and 21,  
over mountainous land, through dense undergrowth, over  
40.00 huge boulders, on broken W. slope.  
Draw, course NW. Asc. on broken SW. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for ¼ sec. cor.,  
with brass cap, marked



1916

54.50 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
Asc. on S. slope.  
Ridge, 470 ft. above draw, bears NW. and SE. Desc. 170  
ft. along broken NE. slope.  
78.20 Head of draw, course W. Thence through rocky basin draining  
W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, (impracticable to set post in the ground) for  
cor. of secs. 16, 17, 20 and 21, with brass cap, marked



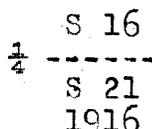
1916

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

Land, mountainous.  
Soil, rocky; 3rd rate.  
No timber.  
Undergrowth, mahogany, catclaw and oak.

40.00 East, on a random line, bet. secs. 16 and 21.  
Set temp. ¼ sec. cor.  
80.06 Intersect N. and S. line 8 lks. S. of the cor. of secs.  
15, 16, 21 and 22.

40.03 Thence S.89°57'W., on a true line, bet. secs. 16 and 21,  
over mountainous land, through dense undergrowth, along  
broken NE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for ¼ sec. cor., with  
brass cap, marked



50.00 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
Rocky spur, 1075 ft. above sec. cor., slopes NE. Desc.  
470 ft., on broken SW. slope.

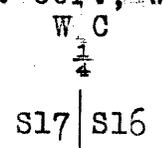
Chains

80.06 The cor. of secs. 16, 17, 20 and 21.

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

N.0°02'W., bet. secs. 16 and 17,  
over mountainous land, through dense undergrowth, over rocky basin.

15.00 Spur slopes NW. Desc. 100 ft., on NE. slope.  
23.00 Draw, course NW. Asc. 125 ft., on broken SW. slope.  
35.00 Top of impassable cliff bearing NE. and SW.  
40.00 Point for  $\frac{1}{4}$  sec. cor. falls on N. face of cliff, where it is impracticable to set same. Therefore at  
35.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap, marked

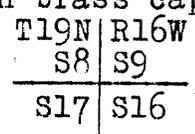


1916

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

48.00 Desc. over cliff 640 ft.  
Foot of cliff bearing NE. and SW. Desc. 525 ft., on broken NW. slope.

76.00 Draw, course NE.  
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 farther in the ground) for cor. of secs. 8, 9, 16 and 17, with brass cap, marked



1916

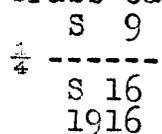
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.  
Soil, 3rd and 4th rate.  
No timber.  
Undergrowth, catclaw and crucifixion thorn.

40.00 East, on a random line, bet. secs. 9 and 16.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence S.89°57'W., on a true line, bet. secs. 9 and 16, over mountainous land, through dense undergrowth, on W. slope.

7.00 Road from Drake to Walnut Creek mine bears NW. and SE.  
7.20 Walnut Creek, course NW. Thence along broken NW. slope.  
25.00 Ranch house bears N., about 10 chs. dist.  
40.03 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on solid rock, surrounded by a mound of stone, 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.

Chains

- 62.00 Desc. 195 ft.
- 79.60 Draw, course N.
- 80.06 The cor. of secs. 8, 9, 16 and 17.

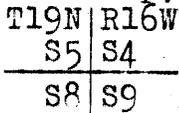
Land, mountainous.  
 Soil, shallow and rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

- 5.50 Draw, course NW. Continue descent.
- 17.70 Road bears E. and W., from Drake to Walnut Creek mine.
- 18.60 Walnut Creek, 6 lks. wide, course W.; 85 ft. below draw.  
Asc. 160 ft., on S. slope.
- 32.50 Spur slopes SW. Thence along broken W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



1916

- 80.00 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 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 farther in the ground) for cor. of secs. 4, 5, 8 and 9, with brass cap, marked



1916

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

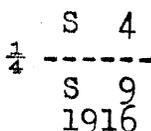
Land, mountainous.  
 Soil, rocky; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, mahogany, catclaw and crucifixion thorn.

- 40.00 East, on a random line, bet. secs. 4 and 9.
- Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. and S. line 4 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence S.  $89^{\circ}58'$  W., on a true line, bet. secs. 4 and 9, over mountainous land, through dense undergrowth. Desc. 65 ft., along N. slope.

- 2.00 Spur slopes SE. Asc. 70 ft., on S. slope.
- 12.75 Spur slopes SW. Desc. 395 ft., on W. slope.
- 26.50 Head of draw, course SW. Asc. 35 ft.
- 33.75 Desc. on broken SW. slope.

- 40.01 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 farther in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



Chains

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

80.02

Continue on broken SW. slope. 680 ft. below 33.75 ch. pt., The cor. of secs. 4, 5, 8 and 9.

Land, mountainous. Soil, rocky; 2nd and 3rd rate. No timber. Undergrowth, crucifixion thorn and mahogany.

40.00

N.0°02'W., on a random line, bet. secs. 4 and 5.

80.21

Set temp. 1/4 sec. cor. Intersect N. bdy. of Tp. 36 lks. E. of the cor. of secs. 4, 5, 32 and 33, described in book "B".

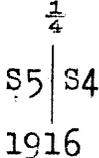
Thence S.0°17'E., on a true line, bet. secs. 4 and 5, over mountainous land, through dense undergrowth. Desc. 620 ft., on broken S. slope.

37.70

Draw, course SW.

40.21

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, W. of cor. Ascend 23 ft. to

45.00

Desc. 175 ft., along broken SW. slope.

80.21

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

Land, mountainous. Soil, rocky; 2nd and 3rd rate. No timber. Undergrowth, crucifixion thorn and mahogany.

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

N.0°03'W., bet. secs. 31 and 32, over mountainous land, through scattering undergrowth. Desc. 135 ft., on broken NW. slope, over cliffs.

15.00

Ravine, course SW. Asc. on broken SW. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post 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, W. of cor.

53.80

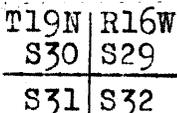
Spur, 915 ft. above ravine, slopes SW. Desc. 160 ft., on NW. slope.

64.50

Ravine, course SW. Asc. 450 ft., on SW. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, on bed rock, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked



1916

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

Chains

Cor. is in saddle of spur sloping SW.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, mahogany, and catclaw.

40.00 East, on a random line, bet. secs. 29 and 32.  
Set temp. 1/4 sec. cor.  
80.02 Intersect N. and S. line 27 lks. S. of the cor. of secs.  
28, 29, 32 and 33.

Thence S.89°48'W., on a true line, bet. secs. 29 and 32,  
over mountainous land, through scattering undergrowth.  
Asc. 555 ft., on SE. slope.  
31.50 Ridge bears NE. and SW. Thence along broken N. slope.  
40.01 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 farther in the ground) for 1/4 sec. cor.,  
with brass cap, marked

S 29  
1/4 -----  
S 32  
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.  
80.02 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.  
Soil, rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, oak, mahogany, cactus and catclaw.

40.00 West, on a random line, bet. secs. 30 and 31.  
Set temp. 1/4 sec. cor.  
79.59 Intersect W. bdy. of Tp. 8 lks. S. of the cor. of secs.  
25, 30, 31 and 36, described in book "B" vol.

Thence S.89°57'E., on a true line, bet. secs. 30 and 31,  
over mountainous land, through scattering undergrowth.  
Desc. 70 ft., to  
10.60 Head of gulch, course SW. Asc. on W. slope.  
39.59 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, on solid rock, for 1/4 sec. cor., with brass cap,  
marked

S 30  
1/4 -----  
S 31  
1916

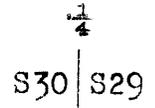
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.  
54.10 Spur, 1350 ft. above gulch, bears SW. Desc. 150 ft.,  
65.00 Ascend along top of spur, sloping SW.  
76.10 Desc. 85 ft., on E. slope.  
79.59 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.  
Soil, rocks and cliffs.  
No timber.  
Undergrowth, catclaw, mahogany and crucifixion thorn.

N.0°03'W., bet. secs. 29 and 30,  
over mountainous land, through scattering undergrowth,  
among high broken cliffs, on W. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground, surrounded by a mound of stone, for 1/4 sec. cor.,

Chains

with brass cap, marked

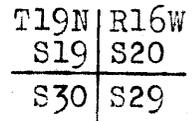


1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to set post farther in the ground.

63.20  
80.00

Draw, course NW. Asc. 260 ft., on broken S. slope.  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, on top of a boulder 30x20x20 ft. above ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked



1916

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

Land, mountainous.  
Soil, rocky; 2nd, 3rd and 4th rate.  
No timber.  
Undergrowth, mahogany, catclaw and oak.

40.00  
79.96

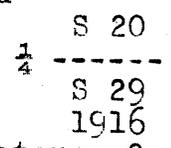
East, on a random line, bet. secs. 20 and 29.  
Set temp. ¼ sec. cor.  
Intersect N. and S. line 14 lks. S. of the cor. of secs. 20, 21, 28 and 29.

1.95

Thence S.89°54'W., on a true line, bet. secs. 20 and 29, over mountainous land, through scattering undergrowth.  
Head of draw, course N. Thence over broken rocky N. slope, over rocky cliffs.

39.98

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther 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.

54.00  
79.96

Asc. 145 ft., on broken NE. slope.  
Spur slopes NW. Desc. 500 ft., on broken W. slope.  
The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.  
Soil, none; boulders and rock in place.  
No timber.  
Undergrowth, catclaw.

40.00  
79.68

West, on a random line, bet. secs. 19 and 30.  
Set temp. ¼ sec. cor.  
Intersect W. bdy. of Tp. 4 lks. N. of the cor. of secs. 19, 24, 25 and 30, described in book "B".

38.70  
39.68

Thence N.89°58'E., on a true line, bet. secs. 19 and 30, over rough mountainous land, through scattering undergrowth. Asc. 460 ft., on broken NW. slope.  
Cliff 75 ft. high bears NW. and SE. Desc. 75 ft.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

Chains

ground, surrounded by a mound of stone, (impracticable to set post farther in ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 19  
 $\frac{1}{4}$  -----  
 S 30  
 1916

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

- 40.20 Draw, course NW. Asc. 1065 ft., on broken rocky SW. slope.  
 69.70 Point of spur from NE. slopes NW. Desc. 210 ft., on SE. slope.  
 79.68 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.  
 Soil, rocky; E. half 4th rate and W.  $\frac{1}{2}$  3rd rate.  
 No timber.  
 Undergrowth, mahogany and catclaw.

- 4.50 N.0°03'W., bet. secs. 19 and 20, over mountainous land, over hugh boulders, through scattering undergrowth. Asc. 60 ft., on S. slope.  
 Ridge bears E. and W. Thence through rocky basin draining west.

- 23.50 Draw, course W. Asc. 200 ft., on broken SW. slope.  
 37.50 Spur slopes NW. Desc. on broken rocky N. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S19 | S20  
 1916

- 68.00 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Gulch, 900 ft. below spur, course W. Asc. 335 ft., on S. slope.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 17, 18, 19 and 20, with brass cap, marked

T19N | R16W  
 S18 | S17  
 -----  
 S19 | S20

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

Land, mountainous.  
 Soil, rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, catclaw, mahogany and manzanita.

- 40.00 East, on a random line, bet. secs. 17 and 20.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.84 Intersect N. and S. line 33 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence N.89°46'W., on a true line, bet. secs. 17 and 20, over rough mountainous land, through scattering undergrowth, among huge boulders. Asc. 275 ft., on broken NE. slope.

- 19.85 Ridge bears NW. and SE. Desc. on broken SW. slope.  
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable

Chains

to set post farther in the ground) for 1/4 sec. cor., with brass cap, marked

S 17  
1/4 -----  
S 20  
1916

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

79.84 Continue on broken SW. slope.  
1355 ft. below ridge,  
The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.  
Soil, rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, mahogany and catclaw.

40.00 West, on a random line, bet. secs. 18 and 19.  
Set temp. 1/4 sec. cor.  
79.56 Intersect W. bdy. of Tp. 18 lks. N. of the cor. of secs. 13, 18, 19 and 24, described in book "B".

39.56 Thence N. 89° 52' E., on a true line, bet. secs. 18 and 19, over mountainous land, with huge boulders, through scattering undergrowth, descending along broken N. slope.  
Set an iron post, 3 ft. long, 1 in. diam. in a mound of stone, (impracticable to set post in the ground) for 1/4 sec. cor., with brass cap, marked

S 18  
1/4 -----  
S 19  
1916

49.50 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.  
Ravine, 550 ft. below sec. cor., course NW. Asc. 590 ft., on SW. slope.  
79.56 The cor. of secs. 17, 18, 19 and 20.

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

9.00 N. 0° 03' W., bet. secs. 17 and 18,  
22.00 over mountainous land, through scattering undergrowth.  
29.00 Asc. 415 ft. on S. slope.  
Spur slopes W. Desc. 370 ft., on N. slope.  
40.00 Head of draw, course NW. Asc. 45 ft., on SW. slope.  
Spur slopes NW. Desc. on NE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4  
S17 | S18  
1916

48.50 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
Head of draw, 540 ft. below spur, course NW. Asc. 55 ft., on SW. slope.  
54.00 Spur slopes NW. Desc. 135 ft., on N. slope.  
61.40 Draw, course W. Asc. 240 ft., on SW. slope.  
76.00 Spur slopes W. Desc. 160 ft., on N. 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 farther in the ground) for cor. of secs. 7, 8, 17 and 18, with brass cap, marked

Chains

T19N	R16W
S7	S8
S18	S17

1916

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

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, crucifixion thorn, cactus and oak.

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

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. and S. line 7 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence S.89°57'W., on a true line, bet. secs. 8 and 17, over mountainous land, through scattering undergrowth, along broken N. slope. Asc. 175 ft.

8.88 Desc. 60 ft.

16.83 Asc. 475 ft.

36.00 Spur slopes N. Thence along broken N. slope.

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

S 8

¼ -----

S 17

1916

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

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

Land, mountainous.

Soil, rocky; 3rd rate.

No timber.

Undergrowth, crucifixion thorn, catclaw and mahogany.

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

40.00 Set temp. ½ sec. cor.

79.65 Intersect W. bdy. of Tp. 14 lks. N. of the cor. of secs. 7, 12, 13 and 18, described in book "B".

Thence N.89°54'E., on a true line, bet. secs. 7 and 18, over mountainous land, through scattering undergrowth, descending on broken SE. slope.

39.65 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 farther in the ground) for ¼ sec. cor., with brass cap, marked

S 7

¼ -----

S 18

1916

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

47.00 Road from Drake to Walnut Creek mine bears NE. and SW.

49.80 Walnut Creek, 6 lks. wide, course SW.; 420 ft. below sec. cor.,

50.60 Wire fence bears NE. and SW. Enter cultivated field.

58.30 Fence bears NW. and SE. Leave field. Asc. 330 ft., on broken NW. slope.

60.00 Harvey Hubbs' house bears N., about 4 chs. dist.

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

Land, mountainous. Soil, 2nd to 4th rate; rocky. No timber. Undergrowth, crucifixion thorn and catclaw.

Subdivision of T. 19 N., R. 16 W.

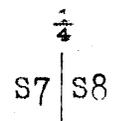
Chains

N.0°03'W., bet. secs. 7 and 8,  
over mountainous land, through scattering undergrowth.  
Desc. 360 ft., on broken NW. slope.

12.10 Walnut Creek, 5 lks. wide, course SW. Asc. on broken SE.  
slope.

18.80 Road bears NE. and SW.

40.00 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 farther in the ground) for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked



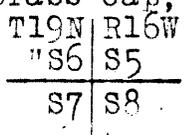
1916

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

59.25 410 ft. above creek. Desc. 175 ft.

72.50 Draw, course SE. Asc. 125 ft., on broken SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther in the ground) for cor. of secs.  
5, 6, 7 and 8, 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; 2nd and 3rd rate.

No timber.

Undergrowth, crucifixion thorn, ocotillo and catclaw.

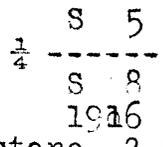
40.00 East, on a random line, bet. secs. 5 and 8.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect N. and S. line 18 lks. N. of the cor. of secs.  
4, 5, 8 and 9.

Thence N.89°52'W., on a true line, bet. secs. 5 and 8,  
over mountainous land, through scattering undergrowth.  
Desc. on W. slope.

7.60 Draw, course S. Asc. on broken NE. slope.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post farther 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.

42.60 Spur, 700 ft. above draw, slopes SE. Desc. 440 ft., on  
broken SW. slope.

69.10 Gulch, course S. Asc. 120 ft., on E. slope.

75.10 Spur slopes S. Desc. 50 ft., on SW. slope.

80.10 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.

Soil, rocky; 2nd and 3rd rate.

No timber.

Undergrowth, crucifixion thorn, oak and catclaw.

Chains

West, on a random line, bet. secs. 6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.54 Intersect W. bdy. of Tp. 11 lks. S. of the cor. of secs. 1, 6, 7 and 12, described in book "B".

Thence S.  $89^{\circ}55'$  E., on a true line, bet. secs. 6 and 7, over mountainous land, through scattering undergrowth. Asc. 410 ft., on broken SW. slope.

29.55 Summit of ascent.  
 39.54 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  S 6  
 -----  
 S 7  
 1916

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

42.55 Spur slopes SE. Desc. 475 ft., on broken SE. slope.  
 74.55 Ravine, course SE. Asc. 40 ft., on SW. slope.  
 79.54 The cor. of secs. 5, 6, 7 and 8.

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

N.  $0^{\circ}03'$  W., on a random line, bet. secs. 5 and 6.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.79 Intersect N. bdy. of Tp. 7 lks. E. of the cor. of secs. 5, 6, 31 and 32, described in book "B".

Thence S.  $0^{\circ}06'$  E., on a true line, bet. secs. 5 and 6, over mountainous land, through scattering undergrowth. Asc. 210 ft., on NE. slope.

6.80 Ridge bears NW. and SE. Desc. along broken W. slope.  
 39.79 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$   
 S6 | S5  
 1916

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

79.79 670 ft. below ridge,  
 The cor. of secs. 5, 6, 7 and 8.

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

Boundaries of T. 19 N., R. 16 W.

Latitudes, Departures and Closing Errors.

Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	N.89°54'W.	479.73	.83			479.73
West Boundary	North	480.00	480.00			
North Boundary	S.89°56'E.	479.41		.56	479.41	
East Boundary	South	480.00		480.00		
Convergency					.51	
Totals			480.83	480.56	479.92	479.73
			480.56		479.73	
Error in Latitude			.27			
Error in departure					.19	

General Description.

This township is entirely mountainous, the southern and eastern parts being particularly rocky. There is a small amount of cultivated land in sections 7 and 18, but no other agricultural land in the township. The entire area is covered with undergrowth of cactus, catclaw, manzanita, crucifixion thorn, mahogany, ocotillo and oak, which is very dense in the south and east portions. Scattering pinyon pine, of no commercial value, exists in the SE. part.

The township affords fair grazing, and there is abundant water in Walnut Creek and a number of other draws. No indications of valuable mineral were noted. The township contains one settler in section 7 and another in section 9.



SUBDIVISION OF  
 TOWNSHIP 19 NORTH, RANGE 16 WEST.

DATE DIAGRAM.

	5-15-16	5-15-16	5-15-16	5-15-16	5-16-16	5-16-16	
2-24-16	6	5	4	3	2	1	5-13-16
	5-18-16	5-16-16	5-17-16	5-9-16	5-18-16	5-18-16	
2-24-16	7	8	9	10	11	12	5-10-16
	5-16-16	5-15-16	5-8-16	5-3-16	5-10-16	5-17-16	
2-23-16	18	17	16	15	14	13	5-8-16
	5-13-16	5-13-16	5-5-16	5-6-16	5-19-16	5-9-16	
2-23-16	19	20	21	22	23	24	5-3-16
	5-12-16	5-0-16	4-23-16	4-16	5-8-16	5-8-16	
2-22-16	30	29	28	27	26	25	5-2-16
	5-3-16	5-2-16	4-29-16	4-26-16	5-5-16	5-6-16	
2-22-16	31	32	33	34	35	36	4-28-16
	5-2-16	4-29-16	4-27-16	4-26-16	5-5-16	5-5-16	
	4-24-16	4-24-16	4-25-16	4-25-16	4-25-16	4-25-16	

Lines dated in red were surveyed by Albert Smith, Jr.,  
U. S. Surveyor.

Lines dated in blue were surveyed by Howard G. Mason,  
U.S. Transitman.

Lines dated in yellow were surveyed by Mans H. Coffin, Jr.,  
U. S. Transitman.

For CERTIFICATES of U. S. Transitmen, see Book "C."

FINAL OATH OF UNITED STATES SURVEYOR.

3129

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear 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 \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me } this \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 22, 1918.

The foregoing field notes of the survey of the \_\_\_\_\_

SUBDIVISION LINES of

TOWNSHIP 19 NORTH, RANGE 16 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Mans H. Coffin, Jr., and Howard G. Mason, U.S. Transitmen, under special instructions dated Jan. 7, 1915, for Group 46, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Howard G. Mason*

U. S. Surveyor General. of Arizona.

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