

3138

BOOK 3138

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Book "F"  
(Subdivisions)

AUG. 24. 1917

JAN. 23. 1918

# FIELD NOTES

OF THE RESURVEY OF THE

WEST BOUNDARY OF TOWNSHIP 21 NORTH, RANGE 19 WEST.

and Survey of the

SUBDIVISION LINES OF TOWNSHIP 21 NORTH, RANGE 20 WEST.

3138

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

## EXECUTED BY

Theo. O. Johnston, U.S. Surveyor,

and

Edward O. Lyman, U. S. Transitman,

In the capacity of U.S. Surveyor, under instructions dated Jan. 6, 1915,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 44, which were approved by the Commissioner of the General Land  
Office, January 26, 1915.

3138

Resurvey & Survey commenced March 9, 1915.

Resurvey & Survey completed March 25, 1915.

Executed under Assignment  
Instructions dated Jan. 31, 1915.

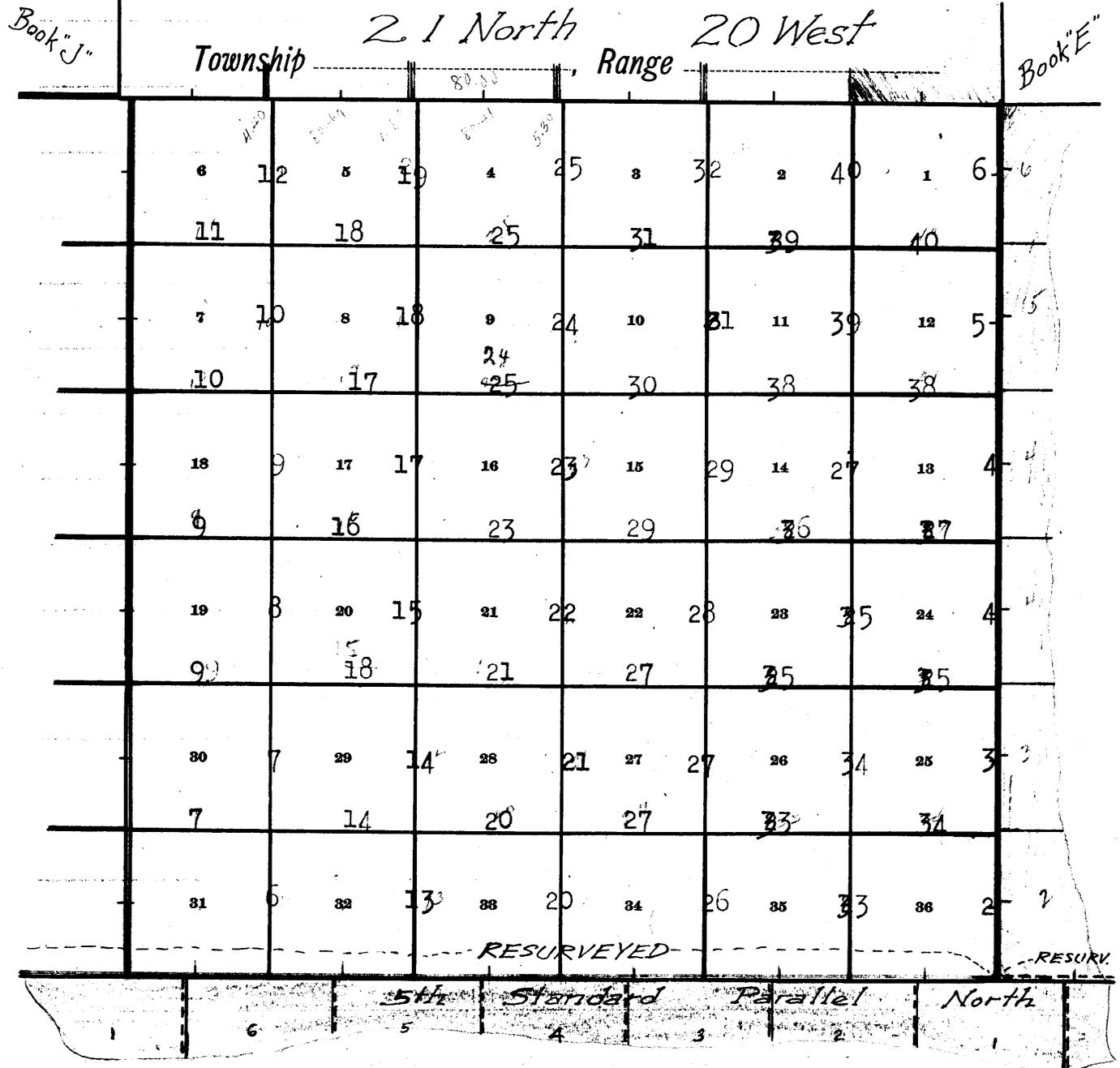
BOOK 3138

Book "F."  
(Subdivisions)

Group 44

### INDEX DIAGRAM.

21 North 20 West



- Notes in this book (indexed)
- Notes in book "B" Group 44
- Notes in book "A" Group 44
- Notes in book "G" Group 44
- Notes in book "I" Group 44
- Accepted Surveyed Lines.
- Lines surveyed under Group 43
- Area surveyed under Group 43
- Area surveyed as per accepted plats on file

Resurvey of the West bdy. of Township 21 N., R. 19 W., and  
Survey of Subdivision of T. 21 N., R. 20 W.

Chains

Resurvey and  
Survey commenced Mar. 9, 1915, and executed by  
Theo. O. Johnston, U. S. Surveyor, using a Young and Sons'  
light mountain transit No. 8493, and Edward, O. Lyman,  
U. S. Transitman, using a Young and Sons' light mountain  
transit No. 8490; both instruments being more fully des-  
cribed, with record of approval by the assistant super-  
visor of surveys, and field tests, in Book "A".

All measurements made with steel tapes and clinometers.

Except where stated to the contrary, all lines surveyed  
and resurveyed in this township were deflected from  
transit lines projected by carefully measured angles,  
from the meridian established by observation on Polaris  
at western elongation, near the N. bdy. of sec. 16, as  
described in Book "B".

The initials "T. O. J." and "E. O. L." are inserted in the  
following notes at the beginning and ending of those por-  
tions of the notes describing the surveys executed by  
Theo. O. Johnston and Edward O. Lyman, respectively.

Mar. 9, 1915.  
T. O. J.  
E. O. L.

Retracement of W. Boundary, T. 21 N., R. 19 W.

E. O. L.  
Mar. 9, 1915.  
At the cor. of Tps. 21 and 22 N., Rs. 19 and 20 W., which  
is a sandstone 8x8x5 ins. above ground, marked and wit-  
nessed as described by the surveyor general, I orient  
instrument by sighting to flag on transit line, pro-  
jected by carefully measured angles, from the meridian  
determined by observation on Polaris at western elong-  
ation, in sec. 22, T. 22 N., R. 19 W., as described  
in Book "E".

Thence I run  
South, on a random line, bet. secs. 1 and 6.  
40.00 After diligent search, fail to find  $\frac{1}{4}$  sec. cor.  
80.00 Fall 3 lks. W. of the cor. of secs. 1, 6, 7 and 12, which  
is a malpais stone, 8x8x7 ins. above ground, marked  
and witnessed as described by the surveyor general.  
Therefore the true course and distance for this mile is  
N.0°01'W., 80.00 chs.

From this cor. I run  
South, on a random line, bet. secs. 7 and 12.  
40.00 After diligent search, fail to find  $\frac{1}{4}$  sec. cor.  
80.22 Fall 12 lks. E. of the cor. of secs. 7, 12, 13 and 18,  
which is a malpais stone, 10x6x5 ins. above ground,  
marked and witnessed as described by the surveyor  
general.  
Therefore the true course and distance for this mile is  
N.0°05'E., 80.22 chs.

From this cor. I run  
South, on a random line, bet. secs. 13 and 18.  
40.00 After diligent search, fail to find  $\frac{1}{4}$  sec. cor.  
80.36 Fall 16 lks. W. of the cor. of secs. 13, 18, 19 and 24,  
which is a stone 10x6x5 ins. above ground, marked and  
witnessed as described as described by the surveyor  
general.  
Therefore the true course and distance for this mile is  
N.0°07'W., 80.36 chs.

Mar. 9, 1915.

Chains

Mar. 11, 1915.

At this cor. I orient instrument by sighting to flag on transit line projected by carefully measured angles from the meridian determined by observation on Polaris at western elongation, near the N. Bdy. of sec. 16, as described in Book "B", and hereinbefore referred to, and run

South, on a random line, bet. secs. 19 and 24.

40.00

After diligent search, fail to find  $\frac{1}{4}$  sec. cor.

79.74

Fall 9 lks. W. of the cor. of secs. 19, 24, 25 and 30, which is a sandstone, 10x8x6 ins. above ground, marked and witnessed as described by the surveyor general. Therefore the true course and distance for this mile is N.0°04'W., 79.74 chs.

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From this cor. I run

South, on a random line, bet. secs. 25 and 30.

40.00

After diligent search, fail to find  $\frac{1}{4}$  sec. cor.

80.24

Fall 79 lks. E. of the cor. of secs. 25, 30, 31 and 36, which is a malpais stone, 10x7x6 ins. above ground, marked and witnessed as described by the surveyor general.

Therefore the true course and distance for this mile is N.0°34'E., 80.24 chs.

-----  
From this cor. I run

South, on a random line, bet. secs. 31 and 36.

40.00

After diligent search, fail to find  $\frac{1}{4}$  sec. cor.

95.08

Intersect 5th. St. Par. N., 5.31 chs. W. of the standard cor. of Tps. 21 N., Rs. 19 and 20 W., which is a malpais stone, 18x12x10 ins. above ground, marked and witnessed as described by the surveyor general.

Therefore the true course and distance for this mile is N.3°12'W., 95.23 chs.

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Mar. 11, 1915.

Resurvey of West bdy. of Township 21 North, Range 19 West.

Mar. 12, 1915.

I proceed to resurvey the range line, restoring the missing cors. at distances proportional to those given in the original notes, as cors. pertaining to the area E. of line, changing the old cors. to cors. pertaining to the same area; and setting new  $\frac{1}{4}$  sec. and sec. cors. pertaining to the area W. of line, at regular intervals of 40.00 chs., as follows:-

From the standard cor. of Tps. 21 N., Rs. 19 and 20 W., hereinbefore described, I run

N.3°12'W., on W. bdy. of sec. 31.

16.25

Asc. along SW. slope of mountain 100 ft. to

31.13

Summit of ascent; on W. slope; desc. along same 120 ft. to Wash, 3 lks. wide, course S.80°W. Asc. S. slope 100 ft. to

36.00

Summit of ascent; on E. slope of butte, 2 chs. W. of line.

Desc. NE. slope 110 ft. to

40.065

(40.00 chs. N. of the standard Tp. cor.),

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor to sec. 36, with brass cap, marked

$\frac{1}{4}$  S 36 in W. half, and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.

From cor. desc. 55 ft. to

41.90

Wash, course N.75°W. Thence along steep W. slope.

47.615

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 31, with brass cap, marked

$\frac{1}{4}$  S 31 in E. half, and  
1915 in S. rim,

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

Retracement and Resurvey of W. Bdy., T. 21 N., R. 19 W. 3

Chains	E. of cor. Impracticable to dig pits or set cor. farther in the ground.
48.73	Wash, 6 lks. wide, course SW. Asc. SW. slope 85 ft. to
50.25	Spur extends W. A small building bears W., about 20.00 chs. dist. Desc. NE. slope 45 ft. to
59.93	Wash, 5 lks. wide, course N.5°W.
80.13	Thence along steep W. slope, descending 150 ft. to (80.00 chs. N. of the standard Tp. cor.), Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for reestablished cor. of secs. 25 and 36, with brass cap, marked T 21 N S 25 in NW., and S 36 R 20 W in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to set cor. in the ground or dig pits.
90.86	From cor. desc. along W. slope 50 ft. to Road from Union Pass to Secret Pass bears N.15°E. and SW.; in wash, course N.15°E. Thence over rolling land.
95.23	The cor. of secs. 25, 30, 31 and 36, hereinbefore described, which I change to a cor. of two secs. pertaining to secs. 30 and 31. Land, rolling for N. 4.40 chs., and mountainous in S. part. Soil, rocky; 4th. rate. No timber. Undergrowth, cedar, yucca and catclaw.
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10.20	N.0°34'E., on W. bdy. of sec. 30. Over rolling land, through scattering undergrowth.
23.25	Wash, 4 lks. wide, course N.30°E.
24.92	Road bears N.70°W. and S.70°E. (40.00 chs. N. of the reestablished cor. of secs. 25 and 36), Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 25, with brass cap, marked ¼ S 25 in W. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
25.25	Wash, 85 lks. wide, course S.70°E.
35.07	Wash, 5 lks. wide, course SE. Asc. SW. slope.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. to sec. 30, with brass cap, marked ¼ S 30 in E. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
45.84	From cor. over mountainous land. Base of pinnacle of rock, 100 ft. high; to pass same I offset as follows: West, 3.00 chs.; then, on offset, N.0°34'E., 5.30 chs., then East, 3.00 chs., returning to Tp. boundary, at
51.14	Desc. steep N. slope.
62.84	Wash, 20 lks. wide, course SE. Asc.
64.92	(80.00 chs. N. of reestablished cor. of secs. 25 and 36), Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, on bed rock, for reestablished cor. of secs. 24 and 25, with brass cap, marked T 21 N S 24 in NW., and S 25 R 20 W in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base 1½ ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.

Chains.

65.65 Cliff, 50 ft. high, bears E. and W.  
70.20 Wash, 70 lks. wide, Course S.70°W. for 1.00 ch., and thence S. Asc. SW. slope.  
80.24 The old cor. of secs. 19, 24, 25 and 30, hereinbefore described, which I change to a cor. of two secs. pertaining to secs. 19 and 30.  
Land, rolling in S. half and mountainous in N. half.  
Soil, stony and bare rock; 4th. rate.  
No timber.  
Undergrowth, cactus, greasewood and yucca.

N.0°04'W., on W. bdy. of sec. 19.

9.10 Over mountainous land, through scattering undergrowth.  
24.68 Ridge bears E. and W. to low saddle; 45 ft. above sec. cor. Desc. NW slope (40.00 chs. N. of reestablished cor. of secs. 24 and 25),  
Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground and 12 ins. in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 24, with brass cap, marked  $\frac{1}{4}$  S 24 in W. half, and 1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.

30.10 Wash, 20 lks. wide, course E.: Water in holes. Asc. S. slope. 220 ft. below ridge noted at 9.10 chs.

36.20 Low spur extends E. Desc. N. slope. 40 ft. above wash.

39.87 Near the bottom of a wash, course SE.,  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 19, with brass cap, marked

$\frac{1}{4}$  S 19 in E. half, and 1915 in S. rim;

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

From cor. asc. steep SW. slope.

61.50 High spur, 360 ft. above  $\frac{1}{4}$  sec. cor. to sec. 19, extends SE. Desc. abrupt N. slope, over cliff.

64.68 (80.00 chs. N. of reestablished cor. of secs. 24 and 25).  
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 13 and 24, with brass cap, marked

T 21 N S 13 in NW., and R 20 W S 24 in SW. quadrant; and 1915 in S. rim;

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

From cor. continue descent.

79.74 400 ft. below spur noted at 61.50 chs.;  
The old cor. of secs. 13, 18, 19 and 24, hereinbefore described, which I change to a cor. of two secs., pertaining to secs. 18 and 19.

Land, mountainous.

Soil, rocky and exposed rock; 4th. rate.

No timber.

Undergrowth, cactus, catclaw, scrub oak and yucca.

N.0°07'W., on W. bdy. of sec. 18.

Over rolling land, with E. drainage, through scattering undergrowth.

24.94 (40.00 chs. N. of reestablished cor. of secs. 13 and 24).  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 13, with brass cap, marked

$\frac{1}{4}$  S 13 in W. half, and 1915 in S. rim;

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

Chains	
32.70	Wash, 3 lks. wide, course N.80°E.
40.18	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. to sec. 18, with brass cap, marked $\frac{1}{4}$ S 18 in E. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
40.36	Wash, course E.
58.38	Road to Secret Pass bears N.20°W. and S.20°E.
64.94	(80.00 chs. N. of reestablished cor. of secs. 13 and 24), Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 12 and 13, with brass cap, marked T 21 N S 12 in NW., and R 20 W S 13 in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
80.36	The old cor. of secs. 7, 12, 13 and 18, hereinbefore described, which I change to a cor. of two secs., pertaining to secs. 7 and 18. Land, rolling. Soil, sandy and stony; 4th. rate. No timber. Undergrowth, cactus, catclaw, greasewood, and scrub juniper. Mar. 12, 1915.
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Mar. 13, 1915.	
N.0°05'E., on W. bdy. of sec. 7.	
Over rolling land with general E. drainage, through scattering undergrowth.	
3.60	Wash, 25 lks. wide, course N.60°E.
21.25	Wash, 20 lks. wide, course N.80°E.
24.58	(40.00 chs. N. of reestablished cor. of secs. 12 and 13), Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. to sec. 12, with brass cap, marked $\frac{1}{4}$ S 12 in W. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
40.11	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. to sec. 7, with brass cap, marked $\frac{1}{4}$ S 7 in E. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
53.45	Wash, 20 lks. wide, course E.
59.35	SE. cor. of cleared field bears W., about 100 lks. dist.
Field extends W. about 8.00 chs.	
64.58	(80.00 chs. N. of reestablished cor. of secs. 12 and 13), Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 12, with brass cap, marked T 21 N S 1 in NW., and R 20 W S 12 in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
67.74	NE. cor. of field previously mentioned, bears W. about 45 lks. distant.
77.25	Old road bears E. and W.
80.22	The old cor. of secs. 1, 6, 7 and 12, hereinbefore described, which I change to a cor. of two secs., pertaining to secs. 6 and 7.

Chains

Land, rolling E. slope.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood, yucca and scrub juniper.

N.0°01'W., on the W. bdy. of sec. 6.  
Over rolling land, with general E. slope, through scattering undergrowth.

- 2.40 Telephone line bears N.85°W. and S.85°E.
- 3.04 Road from Frisco to Kingman bears N.85°W. and S.85°E.
- 17.65 Wash, 20 lks. wide, course NE.
- 24.36 (40.00 chs. N. of reestablished cor. of secs. 1 and 12),  
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 1, with brass cap, marked  $\frac{1}{4}$  S 1 in W. half, and 1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.
- 33.70 Wash, 12 lks. wide, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 6, with brass cap, marked  $\frac{1}{4}$  S 6 in E. half, and 1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor. Impracticable to dig pits or set cor. farther in the ground.
- 58.75 Wash, 6 lks. wide, course S.60°E.
- 74.05 Wash, 15 lks. wide, course SE.
- 80.00 The cor. of Tps. 21 and 22 N., Rs. 19 and 20 W., hereinbefore described.

Land, rolling.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, yucca, cactus, catclaw, greasewood, and scrub juniper.

Mar. 13, 1915.  
E. O. L.

Subdivision of T. 21 N., R. 20 W.

E. O. L.  
Mar. 17, 1915.  
I begin at the reestablished standard cor. of secs. 31 and 32, on the S. bdy. of T. 21 N., R. 20 W. Described in Book 200B, Thence, I run, N.0°01'E., bet. secs. 31 and 32, over rolling land, through scattering undergrowth.

- 4.40 Summit of ascent; on spur, extending SW. Desc. NE. slope.
- 25.30 Wash, 20 lks. wide, course NW. 2.00 chs. and thence S.60°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 32 in E. half, and S 31 in W. half; and 1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground. Cor is on low spur, sloping SW.

Subdivision of T. 21 N., R. 20 W.

Chains

54.75 Wash, 20 lks. wide, course W.  
 70.00 Spur extends NW.  
 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  
     T 21 N S 30 in NW.,  
     R 20 W S 29 in NE.,  
     S 32 in SE., and  
     S 31 in SW. quadrant; and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Impracticable to dig pits or set cor. in the ground, or to place mound of stone W. of cor.  
 Land, roughly rolling.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.  
 Mar. 17, 1915.

Mar. 15, 1915.  
 West, on a random line, bet. secs. 30 and 31.  
 40.00 Set temp. ¼ sec. cor.  
 80.14 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 25, 30, 31 and 36, described in Book "A".  
 Thence I run  
 S.89°58'E., on a true line, bet. secs. 30 and 31;  
 over roughly rolling land, through scattering undergrowth  
 13.00 Wash, 5 lks. wide, course SW.  
 16.20 Spur slopes SW. Desc. NW. slope.  
 18.23 Wash, 3 lks. wide, course S.60°W.  
 26.40 Low ridge bears NE. and S.60°W.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked  
     ¼ S 30 in N. half,  
     S 31 in S. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 50.70 Wash, 70 lks. wide, course SW.  
 69.60 Top of ridge bears NE. and SW.; in saddle. Desc. E. slope.  
 77.15 Wash, 2 lks. wide, course S.20°E.  
 80.14 The cor. of secs. 29, 30, 31 and 32.  
 Land, roughly rolling, with general SW. slope.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, and cactus.  
 Mar. 15, 1915.

Mar. 17, 1915.  
 N.0°01'E., bet. secs. 29 and 30.  
 Asc. over roughly rolling land, along SW. slope of granite reef, through scattering undergrowth.  
 3.75 Ridge bears NW. and SE.; low saddle NW. of station.  
 Desc. N. slope.  
 14.32 Bottom of canyon, course S.80°W. Brook, 3 lks. wide, in bottom. Asc. SW. slope.  
 24.15 Wash, 2 lks. wide, course SW. Running water in places.  
 25.69 Spur extends W.  
 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  
     ¼ in N.,  
     S 30 in W., and  
     S 29 in E. half; and  
     1915 in S. rim;

## Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. in  
the ground. Cor is on SW. slope of rocky spur.

48.05 Spur extends W. Desc. NW. slope.  
59.60 Spur extends SW.  
68.60 Center of wash, 3.00 chs. wide, course S.60°W.  
70.10 Asc. steep S. slope 150 ft. to  
74.60 Spur extends S.60°W. Desc. NE. slope 130 ft. to  
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

T 21 N S 19 in NW.,  
R 20 W S 20 in NE.,  
S 29 in SE., and  
S 30 in SW. quadrant; and  
1915 in S. rim;

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

40.00 West, on a random line, bet. secs. 19 and 30.  
80.02 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect W. bdy. of Tp. 30 lks. S. of cor. of secs. 19,  
24, 25 and 30, described in Book "A".  
Thence I run  
S.89°47'E., on a true line, bet. secs. 19 and 30.  
Asc. N. slope, over roughly rolling ground, through  
scattering undergrowth.

8.27 Road from Frisco to Fort Mohave bears N.65°E. and S.65°W.  
Road is on spur extending S.65°W.

22.80 Low spur extends SW.  
35.10 Wash, 3 lks. wide, course SW. Asc. SW. 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  
 $\frac{1}{4}$  S 19 in N. half,  
S 30 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

41.70 Low spur extends SW. Desc. SE. slope.  
47.80 Enter wash, course S.75°W. Thence up wash.  
53.55 Leave same, 25 lks. wide, course from N.75°E. to W.  
59.70 Old shaft bears S., 10 lks. dist.  
80.02 The cor. of secs. 19, 20, 29 and 30.

Land, roughly rolling, with general SW. slope.  
Soil, sandy, gravelly and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.

Mar. 17, 1915.

Mar. 18, 1915.

N.0°01'E., bet. secs. 19 and 20,  
over roughly rolling land, through scattering undergrowth

8.30 Spur slopes NW.  
16.58 Enter wash, course W.  
17.25 Road to Frisco bears N.60°E. and S.60°W.  
18.50 Leave wash.  
33.80 Wash, 8 lks. wide, course W.  
40.00 On N. slope of small spur extending NW.,  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

## Chains

$\frac{1}{4}$  in N.,  
 S 19 in W., and  
 S 20 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 47.62 Spur extends NW.  
 53.97 Wash, 20 lks. wide, course from N.70°E. to N.70°W.  
 Road in wash.  
 60.35 Spur extends W.  
 72.85 Wash, 15 lks. wide, course S.85°W. Asc.  
 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  
 T 21 N S 18 in NW.,  
 R 20 W S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, roughly rolling, with general westerly slope.  
 Soil, sandy, gravelly and stony; 4th. rate.  
 No timber,  
 Undergrowth, cactus, catclaw and greasewood.

40.00 West, on a random line, bet. secs. 18 and 19.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect W. bdy. of Tp. 18 lks. S. of the cor. of secs.  
 13, 18, 19 and 24, described in Book "A".  
 Thence I run  
 S.89°52'E., on a true line, bet. secs. 18 and 19,  
 Asc. gradually, through scattering undergrowth.  
 25.00 Wash from NE. to S.80°W.; width 1.25 chs.  
 29.65 Spur, 70 ft. above wash, extends SW.  
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 18 in N. half,  
 S 19 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. From cor. desc. 15 ft. to  
 45.00 Thence asc. over broken short spurs extending SW.  
 71.00 Ledge with prospectors' shafts. The mouth of a tunnel  
 bears S., 1.00 ch. dist.  
 77.50 Point 255 ft. above station at 45.00 chs. Desc. 18 ft. to  
 79.98 The cor. of secs. 17, 18, 19 and 20.  
 Land, rolling and mountainous.  
 Soil, sand and rocks, 4th rate.  
 No timber.  
 Undergrowth, catclaw and greasewood.

Mar. 19, 1915.

Mar. 19, 1915.  
 N.0°01'E., bet. secs. 17 and 18,  
 across general W. slope, roughly rolling; through scat-  
 tering undergrowth.  
 6.77 Wash, 25 lks. wide, course W.  
 15.00 Wash, 10 lks. wide, course SW.  
 30.00 Asc. SW. slope of spur.  
 39.70 Summit of ascent of 130 ft.; on spur extending W.  
 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  
 $\frac{1}{4}$  in N.,  
 S 17 in E., and  
 S 18 in W. half; and  
 1915 in S. rim;

## Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- 43.30 Bottom of canyon, course N.75°W.  
48.41 Bottom of canyon, course SW.  
54.70 Top of spur; extends from S.70°E. to SW. Desc. steep  
N. slope.  
58.00 Gully, 35 lks. wide, course W.  
66.57 Gully, 15 lks. wide, course from N. to SW.  
74.50 Asc. S. 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
- T 21 N S 7 in NW.,  
R 20 W S 8 in NE.,  
S 17 in SE., and  
S 18 in SW. quadrant; and  
1915 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, broken and roughly rolling.  
Soil, sandy, gravelly and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.
- 
- West, on a random line, bet. secs. 7 and 18.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.16 Intersect W. bdy. of Tp. 37 lks. S. of the cor. of secs.  
7, 12, 13 and 18, described in Book "A".  
Thence I run  
S.89°44'E., on a true line, bet. secs. 7 and 18,  
over roughly rolling and hilly land, through scattering  
undergrowth.  
From cor. desc., on steep SE. slope.  
6.20 Gully, 8 lks. wide, course from N. to S.70°W.  
10.00 Spur extends S.  
19.40 Gully, 25 lks. wide, course SW. Road in bottom.  
20.73 Mouth of tunnel bears N., about  $6\frac{1}{2}$  chs.  
21.70 Mine mill bears N. about 5.00 chs.  
21.90 Wood Spring bears N., 5.00 chs. dist.  
23.15 Shack bears N., 7.00 chs. dist.  
33.25 Ledge and prospect holes on line.  
34.40 Gully, 5.00 chs. wide, course SW. Asc. along broken SW.  
slope.  
40.08 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 7 in N. half,  
S 18 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
50.40 Gully, 10 lks. wide, course S.70°W. Asc. along steep N.  
slope.  
60.85 Trail to Frisco bears N.60°W. and S.60°E.  
63.70 Gully, 3 lks. wide, course N.60°W. Asc. W. slope.  
69.00 Asc. on SW. slope.  
79.35 Desc. NE. slope.  
80.16 The cor. of secs. 7, 8, 17 and 18,  
Land, roughly rolling and hilly.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.
- 
- N.0°01'E., bet. secs. 7 and 8,  
over mountainous land, through scattering undergrowth.  
Asc. along top of spur.  
4.00 Summit of ascent of 110 ft. On spur extending E.

Chains

Thence along E. slope.

9.70 Top of spur extending S.10°W. Thence along W. and SW. slope.

20.04 100 ft. above spur at 4.00 chs.  
Intersect line 3-4 of Beuleeard Lode, Survey No. 1368;  
3.60 chs. N.53°26'W. of cor. No. 3.

26.15 Summit of ascent, 55 ft. above station at 20.04 chs.  
Desc. NW. slope.

31.66 Intersect line 1-2, of Beuleeard Lode, Survey No. 1368,  
5.06 chs. N.55°30'W. from cor. No. 2.

As the lines of this location fail to close within allowable limits of error, using the courses and distances as originally reported, with the intersections with sec. line above noted, I retrace the bdrs. of the claim as follows.

From cor. No. 1, identical with cors. No. 4 of Lady Bright and Minnie Lodes, Survey No. 1368, I run  
S.55°30'E., 19.82 chs., to cor. No. 2; Thence  
S.6°35'W., 10.94 chs., to cor. No. 3; Thence  
N.53°26'W., 19.23 chs., to cor. No. 4, identical with cor. No. 3 of the Minnie Lode, Survey No. 1368. Thence  
N.2°09'E., 10.575 chs., to cor. No. 1, the place of beginning.

34.85 Point 230 ft. below station at 26.15 chs. Asc.  
Cross road at loop; bears N.50°E. and S.70°W.  
Beuleeard Mine shaft house bears W. about 5.00 chs. dist.

35.85 Wash, 20 lks. wide, course S.70°W.

36.70 Same road, on N. side of loop; bears N.70°W. and S.50°E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 7 in W. half, and  
S 8 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor farther in the ground.  
From cor. a ledge, 3 ft. high, marked X BO bears N.87 $\frac{1}{2}$ °E., 95 lks. dist.

41.50 Mouth of tunnel bears W., about 12.00 chs. dist.

47.50 Point 360 ft. above station at 34.85 chs. Desc. along W. slope.

60.00 Spur extends W. Desc. NW. slope.

67.80 Spur extends NW.

70.10 Gully, 4 lks. wide, course N.70°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked  
T 21 N S 6 in NW.,  
R 20 W S 5 in NE.,  
S 8 in SE., and  
S 7 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
From cor., U. S. L. M. No. 1368 bears S.61°40'W.

Land, mountainous.  
Soil, stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.

Mar. 19, 1915.

Mar. 20, 1915.

40.00 S.89°45'W. West., on a random line, bet. secs. 6 and 7.

80.08 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect W. bdy. of Tp. 17 N. lks. S. of the cor. of secs. 1, 6, 7 and 12, described in Book "A".  
Thence I run  
S.89°53'E., on a true line, bet. secs. 6 and 7.

12.

Subdivision of T. 21 N., R. 20 W.

Chains

- Asc. NW. slope, over mountainous land, through scattering undergrowth.
- 2.90 Spur extends SW.; 40 ft. above sec. cor.
- 13.80 Spur extends S.; desc. on E. slope 100 ft. to
- 21.90 Wash, 20 lks. wide, course SW. Asc. W. slope 140 ft. to
- 33.50 On spur extending S.  
Mouth of tunnel bears S.15°45'E.; on Sheep Trail Mine.  
Mouth of tunnel bears S.1°15'W. on same claim  
Ore bin bears S.10°W., on same claim.  
Desc. SE. slope 50 ft. to
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 6 in N. half,  
S 7 in S. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Asc. W. slope.  
From cor., U. S. E. M. No. 1368 bears S.15°03'W.
- 43.40 Spur extends S. Desc. E. slope.
- 45.60 Small prospect hole bears N., 35 lks. dist.
- 47.35 Wash, 5 lks. wide, course S. Asc. W. slope.
- 49.60 Spur extends S. Desc. E. slope.
- 51.30 Wash, 25 lks. wide, course S.20°W.
- 58.40 Tunnel bears S., about 6.00 chs. dist.
- 59.30 Spur extends S.30°W. Desc. SE. slope.
- 61.55 Well bears S., about 325 lks. dist.
- 62.10 Trail from mine to well bears N. and S.
- 63.00 Wash, 10 lks. wide, course S.30°W.
- 63.60 Mine shaft bears N., about 6.00 chs. dist., on top of spur.
- 65.20 Wash, 6 lks. wide, course SW. Asc. W. slope 120 ft. to
- 72.10 Spur extends SW. Descend SE. slope to slope 150 ft. to
- 75.00 Ascend W. slope, 150 ft. 7 and 8.
- 80.08 The cor. of secs. 5, 6, 7 and 8.  
Land, mountainous. Soil, stony, 4th rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.  
Mar. 20, 1915.

Mar. 26, 1915.

At the cor. of secs. 5, 6, 7 and 8, I take bearings to improvements on Sheep Trail Mining claim, as follows:  
Ore bin bears S.73°20'W.,  
Mouth of a tunnel through ridge bears S.58°W., and  
Another tunnel bears S.68°30'W.

Knowing from the survey of the W. bdy., that a closing cor. will be necessary, I run  
N.0°01'E., on a true line, bet. secs. 5 and 6.  
Asc. across W. slope of ridge, through scattering undergrowth.

- 7.17 Summit of ascent 85 ft. above sec. cor., on ridge bearing NW. and SE.; desc. NE. slope.
- 14.55 Boarding house and two bunk houses bear W., about 7.00 chs. dist.
- 22.00 Wash, 6 lks. wide, course NE.
- 23.70 Shaft bears W., 120 lks. dist.
- 26.28 Road bears N.65°E. and S.65°W.; leads to mine over ridge.
- 36.30 Enter broad wash, 285 ft. below station at 7.17 chs., course NW.; road to Frisco bears NW. and SE.
- 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  
 $\frac{1}{4}$  in N.,  
S 5 in E. half, and  
S 6 in W. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 40.30 Leave wash, bank bears NW. and SE. Asc. SW. slope.
- 50.90 Spur, 85 ft. above wash, extends NW.

Chains

51.90 Desc. NE. slope.  
 59.76 Wash, 100 ft. below spur, 60 lks. wide, course NW.  
 65.75 Spur extends W.  
 67.20 Enter wash, course W.; bank bears E. and W.  
 72.95 Leave wash, bank bears N.70°E. and S.70°W. Asc. S. slope.  
 77.80 Spur, 180 ft. above wash, extends SE. Thence over E. slope.  
 79.10 Desc. over NE. slope.  
 91.60 Enter Split Rock wash, course NW.; left bank bears NW. and SE.; 170 ft. below spur.  
 95.46 Intersect N. Bdy. of Tp. 4.40 chs. E. of cor. of secs. 5, 6, 31 and 32, which is an iron post, 3 ins. diam., with brass cap, set, marked and witnessed as described by the surveyor general; and which, with the 1/4 sec. cor. on the S. bdrs. of secs. 31 and 32, I change to cor. pertaining solely to said secs.  
 At the point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap, marked  
 T 22 N R 20 W S 32 in N. half,  
 CC in S. half,  
 S 5 R 20 W. in SE., and  
 S 6 T 21 N in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.  
 Land, mountainous.  
 Soil, gravelly and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and yucca.  
 Mar. 26, 1915.

Mar. 15, 1915.  
 From reestablished standard cor. of secs. 32 and 33, on S. bdy. of Tp. (5th St. Par. N.) described in Book "B," I run, N.0°01'E., bet. secs. 32 and 33.  
 Asc. over mountainous land, through scattering undergrowth.  
 4.70 Cross notch in low ridge, bearing E. and W., bet. two washes.  
 12.00 Center of wash, 100 lks. wide, course W.  
 19.70 Wash, 6 lks. wide, course W. Asc, steep S. slope.  
 24.60 Spur extends W.  
 33.64 Wash, 8 lks. wide, course W.  
 40.00 On W. slope, 70 ft. above wash, and 60 ft. below the top of a stony point 150 lks. E. of line,  
 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 in N.,  
 S 32 in W., and  
 S 33 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Thence along broken SW. slope.  
 59.60 Ridge bears E. and W.; desc. NE. slope.  
 74.83 Wash, 100 ft. below ridge, course NW.  
 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  
 T 21 N S 29 in NW.,  
 R 20 W S 28 in NE.,  
 S 33 in SE., and  
 S 32 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
 Land, mountainous.  
 Soil, decomposed granite and malpais, and solid rock;  
 4th. rate.  
 No timber.  
 Undergrowth, cactus, greasewood, crucifixion thorn and yucca.

14.

Subdivision of T. 21 N., R. 20 W.

Chains

- West, on a random line, bet. secs. 29 and 32.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. and S. line 2 lks. S. of cor. of secs. 29,  
 30, 31 and 32.  
 Thence I run  
 S.  $89^{\circ}59'E.$ , on a true line, bet. secs. 29 and 32,  
 over rolling mountainous land, through scattering under-  
 growth. Desc.  
 8.80 Ridge 100 ft. above sec. cor., bears N.  $45^{\circ}W.$  and S.  $45^{\circ}E.$   
 13.00 Spur extends N.; desc. stony NE. slope.  
 20.35 Stream, 1 lk. wide, course NW.; thence over rocky points  
 on N. side of stream.  
 28.00 Stream, 1 lk. wide, course S. 2.00 chs., and thence W.  
 30.00 Wash, 10 lks. wide, course N. for 75 lks., and thence SW.  
 40.02 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 29 in N. half,  
 S 32 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. in the  
 ground.  
 40.30 Wash, 3 lks. wide, course S.  $15^{\circ}W.$   
 49.10 Spur extends S.  $20^{\circ}E.$  Spring bears S., about ".00 chs. dist.  
 52.20 Wash, 5 lks. wide, course S.  $25^{\circ}W.$  for 2.00 chs., and thence  
 W.; Asc. along S. side of wash.  
 65.10 Spur from south extends N.  $30^{\circ}W.$  Desc. E. slope.  
 67.20 Wash, 4 lks. wide, course N.  $30^{\circ}W.$ , Asc. W. slope.  
 71.00 Ridge bears N.  $20^{\circ}W.$  and S.  $20^{\circ}E.$ ; desc. E. slope.  
 76.15 Stream, 1 lk. wide, course N.  $30^{\circ}W.$ ; 100 ft. below ridge.  
 Asc. W. slope 50 ft. to  
 80.04 The cor. of secs. 28, 29, 32 and 33.  
 Land, rolling mountainous.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.  
 Mar. 15, 1915.  
 E. O. L.
- 
- T. O. J.  
 Mar. 17, 1915.  
 N.  $0^{\circ}01'E.$ , bet. secs. 28 and 29,  
 over mountainous land, on broken NW. slope.  
 17.50 Center of wash, 3 lks. wide, course NW.  
 24.50 Bottom of ravine 30 ft. deep, course W. Stream of running  
 water, 2 lks. wide, in bottom. Asc. S. slope.  
 30.85 Gold Roads Trail bears S.  $67\frac{1}{2}^{\circ}E.$  and N.  $67\frac{1}{2}^{\circ}W.$   
 32.00 Old prospector's cabin and spring about 4.00 chs. E. of  
 line.  
 38.00 To pass cliff 100 ft. high, I offset as follows:  
 East, 80 lks.; thence, on offset,  
 N.  $0^{\circ}01'E.$ , 40.00 chs., (counted from sec. cor.); True  
 point for  $\frac{1}{4}$  sec. cor. falls on face of cliff above  
 described, where it is impracticable to set same.  
 Therefore, at 38.00 chs., on true line,  
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap,  
 marked  
 WC  $\frac{1}{4}$  in N.,  
 S 28 in E., and  
 S. 29 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in  
 the ground.  
 I continue on offset from 40.ch. point.,  
 N.  $0^{\circ}01'E.$ , 45.00 chs., (counted from sec. cor.), and thence  
 West, 80 lks., to true line. Thence asc. 170 ft. to  
 48.60 Dike, 15 ft. high, 1 ft. wide, on top of hill; bears E. and W.

Chains

53.65 Bottom of canyon, course NE. Desc. along NE. slope.  
 55.00 Sharp pinnacle of rock, locally known as Thumb Butte, bears  
 W., about 8.00 chs. dist.; height about 200 ft.  
 65.70 Canyon, course N.  $67\frac{1}{2}^{\circ}$  W.  
 76.40 Wash, 4.00 chs. wide, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in  
 the ground, for cor. of secs. 20, 21, 28 and 29, with  
 brass cap, marked  
     T 21 N., S 20 in NW.,  
     R 20 W S 21 in NE.,  
     S 28 in SE., and  
     S 29 in SW. quadrant; and  
     1915 in S. rim;  
 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.

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40.00 West, on a random line, bet. secs. 20 and 29.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. and S. line 23 lks. N. of the cor. of secs.  
 19, 20, 29 and 30.  
 Thence I run  
 N.  $89^{\circ}50'E.$ , on a true line, bet. secs. 20 and 29.  
 Asc. on SW. slope, over rolling mountainous land, through  
 scattering undergrowth.  
 16.73 Trail bears N.  $22\frac{1}{2}^{\circ}E.$  and S.  $22\frac{1}{2}^{\circ}W.$ ; asc. SW. slope.  
 25.30 Summit of ascent, on S. slope of butte. Desc. SE. slope.  
 30.20 Ft. of descent. Enter Wash, course SW.  
 35.20 Leave same. Asc. W. slope.  
 37.70 Top of spur extends NW.; Desc. NE. slope.  
 39.99 Point for  $\frac{1}{4}$  sec. cor. falls on cliff, 10 ft. high, bearing  
 E. and W., where it is impracticable to set same. there-  
 fore, 20 lks. N. of true point,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass  
 cap, marked  
      $\frac{1}{4}$  S 20 in N. half,  
     S 29 WC in S. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N.  
 of cor.  
 45.00 Ft. of descent. Enter wash, course NW.; thence up bed of same.  
 69.23 Gold Roads trail bears N. and S.  
 73.78 Road bears N. and S.  
 75.00 Leave wash and asc. W. slope.  
 76.00 Desc. over E. side of butte.  
 79.98 The cor. of secs. 20, 21, 28 and 29.  
 Land, rolling mountainous and mountainous.  
 Soil, gravelly and rocky; 4th. rate.  
 No timber.  
 Undergrowth, sage, catclaw and juniper.

Mar. 17, 1915  
T. O. J.

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E. O. L.  
 Mar. 18, 1915.  
 N.  $0^{\circ}01'E.$ , bet. secs. 20 and 21.  
 Asc. S. slope, over mountainous land, through scattering  
 undergrowth.  
 1.92 Low spur, 35 ft. above cor., extends W. Desc. N. slope.  
 4.15 Center of wash, 30 ft. below spur, 150 lks. wide, course W.  
 9.45 Spur, 75 ft. above wash, extends W. Asc. SW. slope.  
 14.00 Rock, 80 ft. high, on line.  
 14.60 Summit of ascent, 150 ft. above wash; on rocky spur,  
 extending W.

## Chains

- Desc. N. slope.  
 21.20 Bottom of canyon, 170 ft. below spur, course S.80°W.  
 Asc. S. slope.  
 28.31 Summit of ascent, 230 ft. above canyon, on E. slope of  
 mountain; desc. N. slope.  
 36.95 Gulch 230 ft. below station at 28.31 chs.; course S.80°W.  
 39.65 Spur extends W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
 ground and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 20 in W., and  
 S 21 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.
- 43.30 Wash, 3 lks. wide, course S.30°W. Asc. S. slope.  
 58.40 Spur, 300 ft. above wash, extends W.; desc. NE. slope.  
 72.65 Gulch, 300 ft. below spur, course NW. Asc. over spur.  
 76.35 Spur, 45 ft. above gulch, extends W.; desc. steep N. slope  
 80 ft. to  
 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  
 T 21 N S 17 in NW.,  
 R 20 W S 16 in NE.,  
 S 21 in SE., and  
 S 20 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, mountainous.  
 Soil, sandy; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and sage.
- 
- West, on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. and S. line, 10 lks. S. of cor. of secs.  
 17, 18, 19 and 20.  
 Thence I run  
 S.89°56'E., on a true line, bet. secs. 17 and 20.  
 Asc. on W. and SW. slope, over roughly rolling and  
 broken land, through scattering undergrowth.
- 20.25 Wash, 5 lks. wide, course N. for 2.00 chs. and then W.  
 31.60 Spur extends SE. Desc.  
 37.55 Wash, 10 lks. wide, course SW. Asc. W. slope.  
 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  
 $\frac{1}{4}$  S 17 in N. half,  
 S 20 in S. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.
- 49.10 Spur extends S.  
 Arabian mine bears S.1 $\frac{1}{2}$ °E.  
 Small mill bears S.4°W.  
 Cook house and cabins bear S.7°E.  
 Desc. E. slope.
- 53.40 Wash, 3 lks. wide, course SE. Asc. W. slope.  
 57.40 Spur extends SE. Desc. SE. slope.  
 60.40 Wash, course SW. Asc. NW. slope.  
 63.50 Main road to Frisco bears NE. and SW.  
 66.10 Top of small hill bears NE. and SW. Desc. SE. slope.  
 68.25 Enter wash, course S.50°W.  
 73.45 Road from Frisco to Hardyville bears S.50°W. and N.50°E.  
 78.80 Leave wash; bank bears N.60°E. and S.60°W. Asc. NW. slope.  
 79.80 Telephone line bears NE. and SW.

Chains

80.04 The cor. of secs. 16, 17, 20 and 21.  
 Land, rough, broken spurs.  
 Soil, gravelly and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.  
 Mar. 18, 1915.

Mar. 19, 1915.  
 N.0°01'E., bet. secs. 16 and 17.  
 Over rolling land, through scattering undergrowth.  
 Telephone line bears N.60°E. and S.60°W.  
 .20 Enter broad wash, course S.60°W.  
 .73  
 5.47 Leave same and asc. over small ridge.  
 9.25 Mine bears S.45°W.  
 Mill bears S.49°W.  
 Boarding house and cabins bear S.37°W.  
 Low ridge in wash, bears NE. and SW.  
 12.12 Post, marked "NE. cor. of Arabian #5" bears W., 8 lks. dist.  
 17.15 Road from Frisco to Fort Mohave bears NE. and SW.  
 26.42 Wash, 50 lks. wide, course SW.; from Frisco mine.  
 31.90 Road bears N.10°W. and S.10°E.  
 33.90 Sugar Loaf mountain bears W. about 30.00 chs. dist.  
 37.10 Road from Frisco to Tyrall mine bears N.20°E. and S.20°W.  
 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  
 $\frac{1}{4}$  in N.,  
 S 16 in E., and  
 S 17 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.

80.00 From cor. asc. gradually on SE. slope.  
 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  
 T 21 N., S 8 in NW.,  
 R 20 W S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, rolling.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.

40.00 West, on a random line, bet. secs. 8 and 17.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. and S. line, 7 lks. S. of cor. of secs. 7,  
 8, 17 and 18.  
 Thence I run  
 S.89°57'E., on a true line, bet. secs. 8 and 17.  
 Desc. over mountainous land, through scattering under-  
 growth, 100 ft. to  
 6.87 Bottom of gulch, course Sw. Asc. W. slope 290 ft. to  
 17.20 Top of pointed hill. Desc. E. slope 225 ft. to  
 27.70 Wash, 40 lks. wide, course SW. Asc. NW. slope 100 ft. to  
 34.10 Spur extends SW. Desc. SE. slope 30 ft. to  
 39.99 In head of small draw, course SW.,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 8 in N. half,  
 S 17 in S. half, and  
 1915 in S. rim;

## Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high;  
N. of cor.  
From cor. asc. SW. slope 140 ft. to  
56.90 Continue ascent on W. slope 250 ft. to  
64.00 Summit of ascent, on ridge bearing N. and S.  
Desc. E. slope 340 ft. to  
79.98 The cor. of secs. 8, 9, 16 and 17.  
Land, mountainous.  
Soil, decomposed granite and malpais; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.  
Mar. 19, 1915.
- 
- Mar. 20, 1915.  
N.0°01'E., bet. secs. 8 and 9.  
Over rolling land, through scattering undergrowth.  
Asc. on SE. slope.  
9.70 Wash, 25 lks. wide, course S.25°E.; road in wash.  
18.50 Wash, 15 lks. wide, course SW. for 150 lks., and thence S.  
Asc. S. slope.  
30.25 Wash, 8 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 8 in W., and  
S 9 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Asc. SW. slope from cor.  
51.40 Shaft, 20 ft. deep, bears E., 100 lks. dist.  
55.60 Shaft bears W., 40 lks. dist.  
56.60 Shaft and derrick bear W., about 8.00 chs. dist.  
52.40 Cross-cut on Vice President Lode bears W., 15 lks. dist.  
Desc. gradually over NW. slope.  
61.50 Wash, 15 lks. wide, course NW.  
70.55 Wash, 15 lks. wide, course W.; thence over broken W.  
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.  
T 21 N S 5 in NW.,  
R 20 W S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, rolling.  
Soil, sandy and rocky; 3rd. and 4th. rate.  
No timber.  
Undergrowth, cactus, yucca and greasewood.
- 
- 40.00 West, on a random line, bet. secs. 5 and 8.  
Set temp.  $\frac{1}{4}$  sec. cor.,  
79.90 Intersect N. and S. line 5 lks. S. of cor. of secs.  
5, 6, 7 and 8.  
Thence I run  
S.89°58'E., on a true line, bet. secs. 5 and 8.  
Asc. W. slope, over mountainous land, through scattering  
undergrowth.  
5.30 Ridge, 60 ft. above cor., bears NW. and SE. Desc. 170 ft.  
to  
23.90 Wash, 10 lks. wide, course N. Asc. 20 ft. to  
27.00 Thence desc. 60 ft. to



Chains

I change the cor. of secs. 4, 5, 32 and 33, and the 1/4 sec. cor. on the S. bdy. of sec. 33, to cors. pertaining solely to the area N. of the Tp. line.

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

Mar. 24, 1915.

Mar. 17, 1915. From reestablished St. cor. of secs. 33 & 34 on S. bdy. of Tp. (5th. St. Par. N.) described in Book "B,"

I run, N. 0° 02' E., bet. secs. 33 and 34.

Over mountainous land, ascending S. slope of low spur extending W.

4.00 Summit of ascent, 100 ft. above sec. cor. Desc. N. slope.

11.70 Ft. of descent, 120 ft. below spur. Narrow ravine, 1.00 ch. wide, 30 ft. deep, course SW.

19.40 Wash, 5.00 chs. wide, course W.

34.40 Asc. S. slope of low butte 70 ft. to

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

1/4 in N.,  
S 33 in W., and  
S 34 in E. half; and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.

41.00 Desc. N. slope 60 ft. to

44.90 Foot of butte. Asc. over S. slope 120 ft. to

61.80 Summit of ascent, on W. slope. Desc. N. slope.

64.50 Ravine, course S. 22 1/2° W. Asc. S. slope.

70.00 Summit of ascent, 240 ft. above station at 44.90 chs. Thence along broken W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked

T 21 N S 28 in NW.,  
R 20 W S 27 in NE.,  
S 34 in SE., and  
S 33 in SW. quadrant; and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.

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

39.69 West, on a random line, bet. secs. 28 and 33. Set temp. witness cor. to 1/4 sec. cor., the true point for which; at 40.00 chs., falls on face of cliff, where it would be impossible to set cor.

80.18 Intersect N. and S. line 7 lks. N. of cor. of secs. 28, 29, 32 and 33.

Thence I run

N. 89° 57' E., on a true line, bet. secs. 28 and 33.

Over mountainous land, along broken N. slope.

5.48 Gold Roads trail bears N. and S.

34.20 Wash, course NW.

36.70 Top of cliff 150 ft. high, bears N. and S.

40.09 True point for 1/4 sec. cor., falls on face of cliff, where it would be impossible to set cor. Therefore at

40.49 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for witness cor. to 1/4 sec. cor., with brass cap, marked

Chains

$\frac{1}{4}$  S 28 in N.,  
 S 33 in S., and  
 WC. in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or sec. cor. in  
 the ground.

63.80 From witness cor. asc. W. slope 200 ft. to  
 Summit of ascent. Thence across E. slope, descending 190  
 ft. to

79.40 Bottom of canyon 75 ft. deep, 4.00 chs. wide, course  
 S.  $22\frac{1}{2}$ ° W. Asc.

80.18 The cor. of secs. 27, 28, 33 and 34.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, a few scattering junipers on west half of  
 mile.

Mar. 17, 1915.  
T. O. J.

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E. O. L.  
 Mar. 18, 1915.  
 N.  $0^{\circ}02'E.$ , bet. secs. 27 and 28.  
 Over mountainous land, through scattering undergrowth.  
 Asc. along SW. slope.

3.28 Bottom of gulch, course S.  $30^{\circ}W.$  Asc. SE. slope.

22.30 Ridge, 270 ft. above sec. cor., at W. end of saddle, bears  
 E. and W. Desc. NE. slope.

37.15 Head of gulch, course NE.

40.00 Point 340 ft. below station on ridge at 22.30 chs.  
 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  
 $\frac{1}{4}$  in N.,  
 S 27 in E., and  
 S 28 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

42.70 Bottom of gulch, 50 ft. below  $\frac{1}{4}$  sec. cor., course NW. Asc.

45.00 Spur, 25 ft. above gulch, extends NW. Desc. 30 ft. to

50.50 Enter wash, course N.  $75^{\circ}W.$

54.50 Leave same, and asc. S. slope 60 ft. to

59.40 Low spur extends W. Desc. N. slope 85 ft. to

67.00 Center of wash, 2.00 chs. wide, course W.

72.80 Enter wash, course SW.

79.00 Leave same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the  
 ground and 12 ins. in a mound of stone, for cor. of secs.  
 21, 22, 27 and 28, with brass cap, marked  
 T 21 N S 21 in NW.,  
 R 20 W S 22 in NE.,  
 S 27 in SE., and  
 S 28 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. farther  
 in the ground.  
 Land, mountainous.  
 Soil, stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.

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40.00 West, on a random line, bet. secs. 21 and 28.  
 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect N. and S. line 10 lks. S. of the cor. of secs.  
 20, 21, 28 and 29.

## Chains

Thence I run  
 $S.89^{\circ}56'E.$ , on a true line, bet. secs. 21 and 28.  
 across roughly rolling and broken land, through scattering undergrowth.  
 From cor. asc. SW. slope.  
 4.40 Desc. SE. slope, over low point.  
 8.10 Enter wash, course  $S.65^{\circ}W.$   
 29.00 Leave same at forks, where one wash, 3.00 chs. wide, course  
 W., joins another, 40 lks. wide, course SW. Asc. NW. slope.  
 34.50 Asc. on NE. slope.  
 39.40 Wash, 3 lks. wide, course  $N.65^{\circ}W.$  Asc. NW. slope.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $S\ 21$  in N., and  
 $S\ 28$  in S. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 48.20 Summit of ascent, on spur extending SW. Desc. SE. slope.  
 50.30 Asc. SW. slope.  
 54.90 Summit of ascent on spur extending NW. Thence along top  
 of spur, crossing and recrossing same.  
 80.10 The cor. of secs. 21, 22, 27 and 28.  
 Land, roughly rolling and broken.  
 Soil, sandy, gravelly and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catalaw and greasewood.  
 Mar. 18, 1915.  
 E. O. L.

T. O. J.  
 Mar. 19, 1915.  
 $N.0^{\circ}02'E.$ , bet. secs. 21 and 22,  
 over rolling mountainous land, through scattering under-  
 growth.  
 From cor. asc. over broken SW. slope.  
 20.45 Top of ridge bears E. and W. Desc. broken NW. slope.  
 24.70 Bottom of canyon, 4.00 chs. wide, 30 ft. deep, course  
 $N.67\frac{1}{2}^{\circ}W.$   
 36.60 Wash, 3.00 chs. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 $S\ 21$  in W., and  
 $S\ 22$  in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 50.00 Center of wash, 7.00 chs. wide, course SW.  
 53.95 Road bears E. and W.  
 72.25 Wash, 5.00 chs. wide, course SW.  
 79.50 Road, bears E. and W.  
 80.00 29 lks. N. of road, which bears NW. and SE.,  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 15, 16, 21 and 22, with brass  
 cap, marked  
 $T\ 21\ N.,\ S\ 16\ in\ NW.,$   
 $R\ 20\ W\ S\ 15\ in\ NE.,$   
 $S\ 22\ in\ SE.,\ and$   
 $S\ 21\ in\ SW.\ quadrant;\ and$   
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, mountainous and rolling mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and juniper.



Chains

Land, rolling mountainous and mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and juniper.

- 
- West., on a random line, bet. secs. 9 and 16.  
39.61 Set temp.  $\frac{1}{4}$  sec. cor. at this point, as the 40.00 ch. pt. falls in wash.
- 80.22 Intersect N. and S. line 36 lks. N. of the cor. of secs. 8, 9, 16 and 17.  
Thence I run  
N.  $89^{\circ}45'$  E., on a true line, bet. secs. 9 and 16, over mountainous land, through scattering undergrowth.
- .60 Wash, 50 lks. wide, course SW. Road in wash.  
8.20 Wash, 2.00 chs. wide, 10 ft. deep, course SW.  
14.20 Wash, 1.00 ch. wide, course SW.  
20.20 Wash, 70 lks. wide, course SW.  
30.20 Wash, 100 lks. wide, course SW.  
33.00 Wash, 60 lks. wide, course SW.  
38.50 Enter wash, 2.00 chs. wide, course SW.  
40.11 Point for  $\frac{1}{4}$  sec. cor. falls in wash, where it would be liable to destruction. Therefore at  
40.61 On E. bank of wash,  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap, marked
- WC in W.,  
 $\frac{1}{4}$  S 9 in N., and  
S 16 in S. half; and  
1915 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 43.30 Wash, 100 lks. wide, course SW.  
59.80 Spur extends S.  
Frisco Mining Company's mill and mine bears N.  $23\frac{1}{4}^{\circ}$  W., about 10.00 chs. dist.  
U. S. M. M. No. 2869 bears S.  $8^{\circ}05'$  E., 100 lks. dist.  
Desc. E. slope.  
66.20 Ft. of slope.  
67.10 Main street of Frisco mining camp bears N. and S. Camp contains about 20 houses.  
67.30 Frame building used as company's store house, on line.  
69.60 Wash, 2.00 chs. wide, course SW.  
72.50 Road from Kingman to Frisco bears NE, and SW.  
78.60 Wash, 75 lks. wide, course SW.  
80.22 The cor. of secs. 9, 10, 15 and 16.  
Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, greasewood and yucca.

Mar. 20, 1915.

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- Mar. 24, 1915.  
N.  $0^{\circ}02'$  E., bet. secs. 9 and 10.  
Over mountainous land.  
.50 Wash, 20 lks. wide, course SW. Thence ascend over broken SE slope.
- 10.00 Telephone line hrs. NE and SW. Thence asc. over broken  
13.00 Pipe line hrs. ENE and WSW.  
17.40 Summit of ascent, on ridge 170 ft. above sec. cor., bears NE. and SW.; thence along W. slope.  
20.08 Road from Kingman to Fort Mohave bears NE. and SW.  
24.80 Wash, 40 ft. below ridge, 100 lks. wide, course SW. Asc. SW. slope.  
40.00 210 ft. above wash,  
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
- $\frac{1}{4}$  in N.,  
S 9 in W., and  
S 10 in E. half; and  
1915 in S. rim;

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
51.50 Trail bears E. and W.  
66.00 Top of ridge, 580 ft. above ¼ sec. cor., bears NW. and SE.  
Desc. on broken NE. slope.  
73.00 Saddle, 95 ft. below ridge, which bears NE. and SW. Thence  
along W. slope.  
80.00 30 ft. above saddle,  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, for cor. of secs. 3, 4, 9 and 10, with brass cap,  
marked  
T 21 N S 4 in NW.,  
R 20 W S 3 in NE.,  
S 10 in SE., and  
S 9 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor. Impracticable to dig pits or set cor. in  
the ground.  
Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.

West, on a random line, bet. secs. 4 and 9.  
40.00 Set temp. ¼ sec. cor.  
80.28 Intersect N. and S. line 17 lks. N. of cor. of secs.  
4, 5, 8 and 9.  
Thence I run  
N. 89° 53' E., on a true line, bet. secs. 4 and 9.  
Asc. over broken W. slope, over mountainous land.  
40.14 475 ft. above sec. cor.,  
Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, for ¼ sec. cor., with brass cap, marked  
¼ S 4 in N. half,  
S 9 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor. Impracticable to dig pits or set cor. in the  
ground.  
Desc. SE. slope  
51.90 Head of gulch, 160 ft. below ¼ sec. cor., course S.  
Asc. W. slope.  
54.00 Trail bears N. and S.  
59.70 Top of ridge 150 ft. above gulch, bears NW. and SE.  
Desc. NE. slope.  
75.60 Ft. of descent, 125 ft. below ridge. Asc. W. slope 115  
ft. to  
80.28 The cor. of secs. 3, 4, 9 and 10.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.

Knowing that a closing cor. will be necessary on the  
N. bdy., I run  
N. 0° 02' E., on a true line, bet. secs. 3 and 4.  
Over mountainous land, along steep W. slope.  
22.85 Top of cliff 75 ft. high, 100 ft. above sec. cor., bears  
E. and W. Desc. N. slope.  
34.40 Bottom of gulch, 375 ft. below cliff, course W. Small  
stream of water in bottom. Asc. S. slope.  
40.00 80 ft. above gulch,  
Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, for ¼ sec. cor., with brass cap, marked

## Chains

- $\frac{1}{4}$  in N.,  
 S 3 in E., and  
 S 4 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in the  
 ground.
- 46.20 Top of cliff 80 ft. high, 200 ft. above  $\frac{1}{4}$  sec. cor., bears  
 NW. and SE. Thence asc. along broken W. slope.
- 56.50 Ravine, course SW. Asc. N. side of same.
- 66.70 Top of ridge, 300 ft. above  $\frac{1}{4}$  sec. cor., bears E. and W.  
 Desc. N. slope.
- 81.40 Head of ravine, 300 ft. below ridge, course NW.  
 Asc. SW. slope 85 ft. to
- 95.24 Intersect N. bdy. of Tp. 5.30 chs. E. of the cor. of secs.  
 3, 4, 33 and 34, which is a 3 in. iron post, with brass  
 cap, set, marked and witnessed as described by the sur-  
 veyor 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. 3 and 4, with brass cap,  
 marked
- T 22 N R 20 W S 34 in N. half,  
 CC in S. half,  
 S 3 R 20 W in SE., and  
 S 4 T 21 N in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 S. of cor.  
 I change the old sec. cor. and the  $\frac{1}{4}$  sec. cor. on the  
 S. bdy. of sec. 34 to cors. pertaining solely to the  
 area N. of the line.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.
- Mar. 24, 1915.  
 E. C. J.
- 
- Mar. 18, 1915.  
 From the reestablished standard cor. of secs. 34 & 35 on S.  
 bdy. of Tp. (5th. St. Par. N.) described in Book "B," I run,  
 N.  $0^{\circ}03'$  E., bet. secs. 34 and 35.  
 Asc. SE. slope, over mountainous land.
- 5.00 Ridge, 120 ft. above sec. cor., bears E. and W. Desc. N.  
 slope.
- 17.10 Head of gulch, 310 ft. below ridge, course NW. Thence  
 desc. gradually along broken W. slope, 50 ft. to
- 25.35 Thence asc. SW. slope 80 ft. to
- 34.54 Top of reef of rock bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E. Desc. N.  
 slope.
- 40.00 230 ft. below reef,  
 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
- $\frac{1}{4}$  in N.,  
 S 34 in W., and  
 S 35 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.
- 47.50 Bottom of canyon, 75 ft. below  $\frac{1}{4}$  sec. cor.; course W.  
 Asc. SW. slope 50 ft. to
- 54.70 Ridge bears E. and W. Desc. N. slope.
- 74.30 Bottom of main canyon, 190 ft. below ridge, course S.  $67\frac{1}{2}^{\circ}$  W.  
 Asc. S. slope 30 ft. to
- 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

Chains

T 21 N S 27 in NW.,  
R 20 W S 26 in NE.,  
S 35 in SE., and  
S 34 in SW. quadrant; and  
1915 in S. rim;

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

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

- 40.00 West, on a random line, bet. secs. 27 and 34.
- 80.02 Set temp. ¼ sec. cor.
- 80.02 Intersect N. and S. line 3 lks. N. of the cor. of secs. 27, 28, 33 and 34.
- Thence I run
- N.89°59'E., on a true line, bet. secs. 27 and 34.
- Desc. 30 ft., over mountainous land, to
- 2.50 Thence asc.
- 31.00 Base of cliff, on W. slope of mountain. Asc. W. slope.
- 35.00 Summit of ascent, 690 ft. above station at 2.50 chs.; on point 100 ft. high. Desc. over broken cliffs, on NE. slope, 20 ft. to
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., with brass cap, marked  
¼ S 27 in N. half,  
S 34 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor. Impracticable to dig pits or set cor. in the ground.
- 55.20 Gulch, 370 ft. below ¼ sec. cor., course S.  
Thence along broken S. slope.
- 61.50 Canyon, course SW.
- 71.00 Canyon, course S.; drains into main canyon, course W., 40 lks. S. of line. Asc. 60 ft. to
- 80.02 The cor. of secs. 26, 27, 34 and 35.  
Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.

Mar. 18, 1915.

Mar. 19, 1915.

- N.0°03'E., bet. secs. 26 and 27.
- Asc., over mountainous land, on broken SW. slope.
- 6.20 Trail from Frisco to Secret Pass bears NW. and SE.
- 14.95 Summit of ascent, 300 ft. above sec. cor., on spur, extending W. Desc. broken NW. slope.
- 21.00 Canyon, 60 ft. below spur, course S.22½°W. Asc. broken SW. slope.
- 24.30 Spur extends W. Desc. N. slope.
- 28.40 Canyon, 80 ft. below spur, course S.22½°W. Asc. broken S. slope.
- 37.80 Spur, 155 ft. above canyon, extends W. Desc. N. slope 75 ft. to
- 40.00 On N. 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 in N.,  
S 26 in E., and  
S 27 in W. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
Desc. broken N. slope.

## Chains

46.80 Bottom of main canyon, 180 ft. below  $\frac{1}{4}$  sec. cor., course NW. Asc. broken S. slope.  
 72.30 Summit of ascent 200 ft. above canyon; Desc. over broken NW. slope 100 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap, marked

T 21 N S 22 in NW.,  
 R 20 W S 23 in NE.,  
 S 26 in SE., and  
 S 27 in SW. quadrant; and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.

40.00 West, on a random line, bet. secs. 22 and 27.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line 35 lks. N. of the cor. of secs. 21, 22, 27 and 28.  
 Thence I run  
 N.  $89^{\circ}45'E.$ , on a true line, bet. secs. 22 and 27,  
 over mountainous land.  
 11.00 Wash, 5.00 chs. wide, course S.  $67\frac{1}{2}^{\circ}W.$  Asc. SW. slope of butte.  
 36.90 Top of butte, 265 ft. above wash. Desc. 95 ft. to  
 40.00 On E. side of butte  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 22 in N. half,  
 S 27 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Asc. broken NW. slope.  
 52.00 Top of ridge, 130 ft. above  $\frac{1}{4}$  sec. cor., bears N. and S.  
 Desc. 100 ft. to  
 65.00 Thence asc. over broken NW. slope.  
 67.15 Trail from Frisco to Secret Pass bears N. and S.  
 75.50 Summit of ascent 140 ft. above station at 65.00 chs.  
 Desc. on N. slope 20 ft. to  
 80.00 The cor. of secs. 22, 23, 26 and 27.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.

Mar. 19, 1915.

Mar. 20, 1915.  
 N.  $0^{\circ}03'E.$ , bet. secs. 22 and 23,  
 over mountainous land.  
 .30 Bottom of gulch, course N.  $70^{\circ}W.$  Asc. SW. slope.  
 9.65 Summit of ascent, 140 ft. above gulch. Desc. NW. slope  
 140 ft. to  
 16.70 Bottom of canyon, course NW. Asc. along broken SW. slope.  
 26.00 Summit of ascent, on W. slope; desc. along NW. slope.  
 30.80 Bottom of canyon, course W. Asc. over broken S. slope.  
 39.00 Spur, 200 ft. above canyon, extends W.  
 40.00 On broken NW. slope,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

Chains

$\frac{1}{4}$  in N.,  
 S 22 in W., and  
 S 23 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 43.50 Desc. N. slope.  
 50.10 Bottom of main canyon, 200 ft. below  $\frac{1}{4}$  sec. cor., course  
 NW. Stream of water, 2 lks. wide, 2 ins. deep, in bottom.  
 Asc. gradually on S. slope.  
 55.40 Summit of ascent. Desc. over broken N. slope.  
 59.75 Ravine, course SE. Asc. S. slope of butte.  
 68.85 Top of butte, 190 ft. above ravine. Desc. N. slope.  
 73.60 Bottom of canyon, 100 ft. below butte, course SW. Asc.  
 S. slope 30 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 14, 15, 22 and 23, with brass  
 cap, marked  
 T 21 N S 15 in NW.,  
 R 20 W S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW. quadrant; and  
 1915 in S. rim;  
 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.

40.00 West, on a random line, bet. secs. 15 and 22.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.14 Intersect N. and S. line 5 lks. N. of the cor. of secs.  
 15, 16, 21 and 22.  
 Thence I run  
 N.  $89^{\circ}58'E.$ , on a true line, bet. secs. 15 and 22;  
 Over rolling mountainous land, through scattering under-  
 growth.  
 13.20 Wash, 1.50 chs. wide, course S.  $22\frac{1}{2}^{\circ}W.$   
 19.15 Trail from Frisco to Secret Pass bears N. and S.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 15 in N. half,  
 S 22 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 70.00 Asc. over mountainous land 260 ft. to  
 80.14 Thence desc. on broken W. and SW. slope.  
 The cor. of secs. 14, 15, 22 and 23.  
 Land, mountainous and rolling mountainous.  
 Soil, rocky and gravelly; 4th. rate.  
 No timber.  
 Undergrowth, juniper and greasewood.

Mar. 20, 1915.

N.  $0^{\circ}03'E.$ , bet. secs. 14 and 15.  
 Asc. broken SW. slope, over mountainous land.  
 26.15 Top of cliff, 90 ft. high, 380 ft. above sec. cor., bears  
 NW. and SE.  
 34.85 Trail bears NW. and SE.  
 40.00 On NW. slope, 90 ft. above station at 26.15 chs.,  
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 14 in E., and  
 S 15 in W. half; and  
 1915 in S. rim;

## Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.
- Asc. over exposed country rock, on SW. slope.
- 53.80 To pass high cliff, I offset as follows:  
West, 70 lks.; thence  
N.  $0^{\circ}03'E.$ , on offset.
- 55.80 On offset, Summit of ascent, 400 ft. above  $\frac{1}{4}$  sec. cor., on W. side of cliff 100 ft. high, general bearing N. and S. Thence along W. slope, at base of cliff.
- 63.60 Offset 70 lks. E. to line.  
Desc. over broken NW. slope 160 ft. to
- 80.00 On N. slope of mountain,  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked
- T 21 N S 10 in NW.,  
R 20 W S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quadrant; and  
1915 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.
- Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.
- Mar. 23, 1915.  
T. O. J.
- 
- E. O. L.  
West, on a random line, bet. secs. 10 and 15.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.08 Intersect N. and S. line 5 lks. S. of the cor. of secs. 9, 10, 15 and 16.  
Thence I run  
S.  $89^{\circ}58'E.$ , on a true line, bet. secs. 10 and 15.  
Asc. steep NW. slope, over mountainous land, through scattering undergrowth.
- 2.35 Summit of ascent, 70 ft. above sec. cor., on hill sloping N. Desc. E. slope 30 ft. to
- 4.70 Ft. of descent. Thence asc. W. slope.
- 24.27 Asc. on NW. slope.
- 33.50 Spur, 325 ft. above station at 4.70 chs., extends SW.  
Desc. SE. slope 60 ft. to
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 10 in N. half,  
S 15 in S. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., from which  
Mill bears S.  $16\frac{1}{2}^{\circ}E.$ , about 25 chs. dist., and  
Shop bears S.  $70^{\circ}E.$ .
- 49.40 Shop bears South.
- 50.84 Bottom of ravine, course S.  $65^{\circ}W.$  Stream, 1 lk. wide, in bottom.
- 51.95 Trail bears S.  $65^{\circ}W.$  and N.  $65^{\circ}E.$
- 54.45 Pipe line, (pipe 2 ins. diam.), bears N.  $65^{\circ}E.$  and S.  $65^{\circ}W.$
- 54.65 Mine tunnel on line with trail track, bears S.  $65^{\circ}W.$   
Shop bears N., 5.00 chs. dist.
- 55.65 Tunnel bears N., 2.25 chs. dist.; parallel to tunnel above described.
- 55.90 Shop bears N., 9.00 chs. dist.
- 59.90 Boarding house bears N., about 10.00 chs. dist.
- 60.60 Windmill bears N., about 10.00 chs. dist.
- 61.46 Spur, 260 ft. above  $\frac{1}{4}$  sec. cor., extends N.
- 65.92 Wash, 5 lks. wide, course NW. Asc. W. slope.
- 77.32 Spur, 400 ft. above wash, extends N. Desc. gradually on NE. slope.

Chains

80.08 The cor. of secs. 10, 11, 14 and 15.  
 Land, mountainous.  
 Soil, stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, yucca, greasewood, and juniper.  
 E. O. L.

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T. O. J.  
 N.0°03'E., bet. secs. 10 and 11.  
 Desc. N. slope over mountainous land.  
 18.65 Bottom of ravine, 430 ft. below sec. cor., 5.00 chs. wide,  
 course SW.  
 25.70 Read from Kingman to Fort Mohave bears E. and W.  
 Union Pass bears NE., about 20.00 chs. dist.  
 30.50 Pipe line to Frisco mine bears E. and W.  
 31.50 Telephone line from Kingman to Frisco bears E. and W.  
 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  
 $\frac{1}{4}$  in N.,  
 S 10' in W., and  
 S 11 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 Asc. S. slope of butte.  
 57.35 Top of cliff, 70 ft. high, 275 ft. above  $\frac{1}{4}$  sec. cor., on  
 main divide, bearing NW. and SE. Thence along broken  
 E. slope.  
 66.45 Asc. over cliff 200 ft. high.  
 73.40 Top of cliff, bears E. and W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
 stone, for cor of secs. 2, 3, 10 and 11, with brass cap,  
 marked  
 T 21 N S 3 in NW.,  
 R 20 W S 2 in NE.,  
 S 11 in SE., and  
 S 10' in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in the  
 ground.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.

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40.00 West, on a random line, bet. secs. 3 and 10.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N. and S. line 12 lks. S. of cor. of secs.  
 3, 4, 9 and 10.  
 Thence I run  
 S.89°55'E., on a true line; bet. secs. 3 and 10.  
 Asc. SW. slope, over mountainous land.  
 12.80 Reef of rock, 270 ft. above sec. cor., on S. side of high  
 pinnacle. Desc. broken E. slope.  
 33.90 Bottom of gulch, 580 ft. below reef, course S.10°E. Ascend.  
 broken W. slope, 20 ft. to  
 40.06 On W. slope, at base of cliff,  
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 3 in N. half,  
 S 10 in S. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. in the  
 ground.  
 Along S. slope.

## Chains

- 47.10 Desc. broken SE. slope 125 ft. to  
57.00 Bottom of gulch, near head; course S. Asc. over broken  
W. slope.  
69.30 Summit of ascent, 350 ft. above gulch; on top of main  
divide, bearing N. and S. Desc.  
78.50 50 ft. below top of divide. Desc. 125 ft. over cliff  
which bears N. and S., to  
80.12 The cor. of secs. 2, 3, 10 and 11.  
Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.

Mar. 23, 1915.  
T. O. J.

- E. O. L.  
Mar. 25, 1915.  
Knowing that a closing cor. will be necessary on the Tp.  
line, I run  
N.0°03'E., on a true line, bet. secs. 2 and 3.  
Desc., over mountainous land, over stony NE. slope.  
13.10 Wash, 180 ft. below sec. cor., 10 lks. wide, course  
S.15°E.  
21.50 Spur, 170 ft. above wash, extends NW. Desc. NW. slope.  
32.40 Continue descent, on N. slope.  
37.00 Wash, 16 lks. wide, 160 ft. below spur, course E.  
Asc. S. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the  
ground, 22 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 2 in E., and  
S 3 in W. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.  
57.15 Spur, 160 ft. above  $\frac{1}{4}$  sec. cor., extends SW.  
64.80 Wash, 50 ft. below spur, 5 lks. wide, course SW. Asc.  
SE. slope.  
76.00 Spur, 105 ft. above wash, extends SW. Desc. NW. slope.  
88.75 Wash, 50 ft. below spur, 2 lks. wide; course W. for 5.00  
chs., and thence S.  
95.41 Intersect N. bdy. of Tp. 5.50 chs. E. of the cor. of secs.  
2, 3, 34 and 35, which is an iron post, 3 ins. diam.,  
with brass cap, set, 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. 2 and 3, with brass  
cap, marked  
T 22 N R 20 W S 35 in N. half;  
CC in S. half,  
S 2 R 20 W in SE., and  
S 3 T 21 N in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
S. of cor.  
I change the old sec. cor. and the  $\frac{1}{4}$  sec. cor. on the  
S. bdy. of sec. 35, to cors. pertaining solely to the  
area N. of the Tp line.  
Land, mountainous.  
Soil, stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, and greasewood.

Mar. 25, 1915.  
E. O. L.

Chains	
	T. O. J. Mar. 18, 1915. From reestablished standard cor. of secs. 35 and 36, on S. bdy. of Tp. 15th St. Par. N. described in Book "B," I run, N. 0° 03' E., bet. secs. 35 and 36. Over mountainous land, up bed of gulch.
3.60	Bottom of ravine, 4.00 chs. wide, 40 ft. deep, course S.
7.40	Same ravine, course from NE. to S.
16.25	Bottom of ravine, 5.00 chs. wide, 80 ft. deep, course SW.
25.00	Asc. S. slope of butte.
40.00	On top of butte 525 ft. above sec. cor., on divide of main range of Black Hills, bearing NW. and SE.; 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 $\frac{1}{4}$ in N., S 35 in W., and S 36 in E. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
42.50	Desc. N. slope of butte.
48.50	Bottom of ravine, 90 ft. below butte, course NE. Asc. S. slope 30 ft. to
51.65	Spur extends E. Desc. N. slope.
54.80	Ravine, course E., 45 ft. below spur; ascend S. slope.
56.60	Summit of ascent, 50 ft. above ravine. Desc. over broken NW. slope, 155 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked T 21 N S 26 in NW., R 20 W S 25 in NE., S 36 in SE., and S 35 in SW. quadrant; and 1915 in S. rim; 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.
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40.00	West, on a random line, bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 32 lks. S. of the cor. of secs. 26, 27, 34 and 35. Thence, I run S. 89° 46' E., on a true line, bet. secs. 26 and 35. Descend SE. slope, over mountainous land.
1.90	Trail from Frisco to Secret Pass bears N. and S.
4.40	Gulch, course s. 80° W. Asc. NW. slope.
30.20	Prospector's cabin and mine bears N. 10 lks. dist. Asc. SW. slope.
39.99	660 ft. above sec. cor., Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 26 in N. half, S 35 in S. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to dig pits or set cor. in the ground.
45.30	Top of main divide, 70 ft. above $\frac{1}{4}$ sec. cor.; bears N. and S. Descend SE. slope.
57.23	Trail bears NW. and SE.
65.10	Bottom of canyon, course N. 67 $\frac{1}{2}$ ° E. Asc. broken SE. slope.
67.05	Same trail bears N. 67 $\frac{1}{2}$ ° E. and S. 67 $\frac{1}{2}$ ° W.
72.00	Same trail bears N. 67 $\frac{1}{2}$ ° W. and S. 67 $\frac{1}{2}$ ° E. Asc. E. slope.
77.50	Canyon, course N.
79.98	The cor. of secs. 25, 26, 35 and 36, 140 ft. below divide at 45.30 chs.

Chains

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

Mar. 18, 1915.

Mar. 22, 1915.

East, on a random line, bet. secs. 25 and 36.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
75.60 Intersect E. bay. of Tp. 12 lks. N. of reestablished cor.  
of secs. 25 and 36, hereinbefore described.  
Thence I run  
N.  $89^{\circ}55'W.$ , on a true line, bet. secs. 25 and 36.  
Over rolling mountainous land, through scattering under-  
growth.  
7.60 Road from Union to Secret Pass bears NE. and SW.  
10.00 Wash, 1.25 chs. wide, course NE.  
15.00 Old road bears N.  $67\frac{1}{2}^{\circ}E.$  and S.  $67\frac{1}{2}^{\circ}W.$   
35.60 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 25 in N. half,  
S 36 in S. half, and  
1915 in S. rim;  
dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.  
and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
35.75 Trail bears NW. and SE. Asc. over NE. slope.  
49.90 Wash, 1.00 ch. wide, course NE.  
75.40 Top of ridge bears N. and S. Desc. W. slope 65 ft. to  
75.60 The cor. of secs. 25, 26, 35 and 36.  
Land, rolling mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, juniper and sage.

N.  $0^{\circ}03'E.$ , bet. secs. 25 and 26.  
Over mountainous land, through scattering undergrowth.  
Desc. NW. slope.  
8.50 Bottom of canyon, course N.  $22\frac{1}{2}^{\circ}E.$  Road in bottom.  
Asc. over broken SE. slope.  
19.90 Summit of ascent, on E. slope. Desc. NE. slope.  
25.55 Trail bears S.  $22\frac{1}{2}^{\circ}E.$  and N.  $22\frac{1}{2}^{\circ}W.$   
28.10 Trail bears E. and W.  
38.30 Road grade bears E. and W. Well, containing good water,  
2.00 chs. W. of line.  
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  
 $\frac{1}{4}$  in N.,  
S 25 in E., and  
S 26 in W. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
40.10 Wash, 50 lks. wide, course NE.  
42.30 Wash, 70 lks. wide, course E.  
60.20 Wash, 100 lks. wide, course E.  
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  
T 21 N S 23 in NW.,  
R 20 W S 24 in NE.,  
S 25 in SE. and  
S 26 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, rolling mountainous.  
Soil, rocky and gravelly; 4th. rate.  
No timber.  
Undergrowth, juniper and sage.

Chains

West, on a random line, bet. secs. 23 and 26.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. and S. line 24 lks. S. of the cor. of secs. 22, 23, 26 and 27.  
 Thence I run  
 S.  $89^{\circ}50'E.$ , on a true line, bet. secs. 23 and 26.  
 Asc. SW. slope, over mountainous land, through scattering undergrowth.  
 25.40 Top of main divide, 540 ft. above sec. cor., bears N. and S.  
 Desc. E. slope 180 ft. to  
 40.01 On E. slope of low ridge.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 23 in N. half,  
 S 26 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 45.00 Leave mountainous land, and desc. over gradual E. slope.  
 48.25 Trail bears N. and S.  
 80.02 180 ft. below station at 45.00 chs.  
 The cor. of secs. 23, 24, 25 and 26.  
 Land, mountainous and rolling mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, juniper and sage.

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 East, on a random line, bet. secs. 24 and 25.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 75.24 Intersect E. bdy. of Tp., 11 lks. N. of reestablished cor. of secs. 24 and 25, hereinbefore described.  
 Thence I run  
 N.  $89^{\circ}55'W.$ , on a true line, bet. secs. 24 and 25.  
 Over mountainous land.  
 2.50 Wash, 100 lks. wide, course S.  $67\frac{1}{2}^{\circ}E.$  Asc. E. slope of ridge.  
 22.30 Top of ridge, 275 ft. above wash, bears N. and S. Desc. W. slope.  
 35.24 On W. slope of ridge,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 24 in N. half,  
 S 25 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 40.25 Ft. of slope, 270 ft. below ridge. Thence over rolling mountainous land.  
 46.25 Wash, 100 lks. wide, course S.  
 75.24 The cor. of secs. 23, 24, 25 and 26.  
 Land, rolling mountainous and mountainous.  
 Soil, rocky; 4th. rate.  
 No timber.  
 Undergrowth, juniper and sage.

Mar. 22, 1915.  
T. O. J.

-----  
 E. O. L.  
 Mar. 22, 1915.  
 N.  $0^{\circ}03'E.$ , bet. secs. 23 and 24.  
 Asc. over slight S. slope, through scattering undergrowth.  
 Thence over low spurs, general slope SE.  
 1.40 Wash, 30 lks. wide, course S.  $70^{\circ}E.$   
 10.00 Low spur extends SE.  
 12.65 Wash, 5 lks. wide, course SE. Asc. S. slope.  
 27.95

## Chains

- 33.15 Low spur extends 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  
 $\frac{1}{4}$  in N.,  
S 23 in W., and  
S 24 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- 43.50 Desc. across NE. slope.  
52.50 Center of wash, 1.80 chs. wide, course SE.  
56.00 Asc. SW. slope.  
70.35 Summit of ascent, on SE. slope of hill; desc. NE. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, 14 ins. in a mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap, marked  
T 21 N S 14 in NW.,  
R 20 W S 13 in NE.,  
S 24 in SE., and  
S 23 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. in the ground for entire length.  
Land, broken spurs, along foot hills.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood, yucca and juniper.
- 
- 40.00 West, on a random line, bet. secs. 14 and 23.  
79.90 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect the cor. of secs. 14, 15, 22 and 23.  
Thence I run  
East, on a true line, bet. secs. 14 and 23.  
Asc. over mountainous land, through scattering undergrowth, on SW. slope.
- 2.00 Wash, 5 lks. wide, course SW. Asc. steep W. slope.  
16.02 Cliff, 40 ft. high, bears N. and S.  
17.73 Trail bears NW. and SE.  
22.30 Top of steep ridge, 680 ft. above sec. cor., bears N.35°W., and S.50°E. Desc. Steep NE. slope.  
37.15 Wash, 5 lks. wide, course N.80°E.  
39.95 380 ft. below ridge,  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 14 in N. half,  
S 23 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
Desc. E. slope.
- 43.00 Trail to Frisco bears NW. and SE.  
47.02 Wash, 5 lks. wide, course S.85°E.  
56.70 Wash, 100 ft. below  $\frac{1}{4}$  sec. cor., 10 lks. wide, course S. Asc. W. slope.  
59.90 Top of hill 35 ft. above wash, bears N. and SE. Desc. E. slope.  
65.80 Wash, 60 ft. below hill, 15 lks. wide, course S. Asc. W. slope.  
71.80 Wash, 15 lks. wide, course S.30°W. Asc. NW. slope.  
78.00 Top of hill, 60 ft. above wash. Desc. gradually on NE. slope.  
79.90 The cor. of secs. 13, 14, 23 and 24.  
Land, broken hills and mountains.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood and juniper.

Chains

East, on a random line, bet. secs. 13 and 24.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 75.33 Intersect E. bdy. of Tp. 19 lks. N. of reestablished cor. of secs. 13 and 24, hereinbefore described.  
 Thence I run  
 N.  $89^{\circ}52'W.$ , on a true line, bet. secs. 13 and 24.  
 Asc. E. slope, along rocky spur, over mountainous land, through scattering undergrowth.  
 23.70 Summit of ascent, 280 ft. above sec. cor. Thence on broken S. slope.  
 28.20 Ridge bears N.  $25^{\circ}E.$  and S.  $25^{\circ}W.$  Descend.  
 35.33 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 13 in N. half,  
 S 24 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. in the ground.  
 51.15 Spur extends SW. Asc. along SW. slope.  
 56.60 Wash, 490 ft. below station at 28,200 chs., 3 lks. wide, course SW. Desc. W. slope 25 ft. to  
 61.20 Wash, 10 lks. wide, course S.  $20^{\circ}E.$  Asc. E. slope 50 ft. to  
 65.00 Spur extends S.  $30^{\circ}E.$  Desc. SW. slope 30 ft. to  
 68.77 Wash, 5 lks. wide, course S.  $30^{\circ}E.$  Asc. NE. slope 60 ft. to  
 75.33 The cor. of secs. 13, 14, 23 and 24.  
 Land, mountainous.  
 Soil, sandy and stony; 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and juniper.

N.  $0^{\circ}03'E.$ , bet. secs. 13 and 14.  
 Desc. NE. slope, over mountainous land, through scattering undergrowth.  
 5.00 Asc. SE. slope.  
 10.85 Low ridge bears NE. and SW. Thence along W. slope.  
 32.10 Ridge bears E. and NW. Desc. N. slope.  
 37.00 Wash, 3 lks. wide, course E. Asc.  
 40.00 On E. side of wash, 3 lks. wide, course S.  $30^{\circ}E.$ ,  
 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  
 $\frac{1}{4}$  in N.,  
 S 13 in E., and  
 S 14 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high.  
 W. of cor.  
 Asc. SW. slope.  
 49.80 Summit of ascent on ridge bearing E. and W. Desc. NW. slope.  
 58.68 Wash, 15 lks. wide, course NE.  
 61.50 Asc. S. slope.  
 70.20 Wash, 4 lks. wide, course SE. Asc. S. slope.  
 74.40 Spur extends E. from ridge W. of line.  
 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  
 T 21 N S 11 in NW.,  
 R 20 W S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous.  
 Soil, stony; 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw, juniper and greasewood.  
 Mar. 22, 1915.

## Chains

- Mar. 23, 1915.  
West, on a random line, bet. secs. 11 and 14.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line 7 lks. N. of the cor. of secs. 10, 11, 14 and 15.  
Thence I run  
N.  $89^{\circ}57'E.$ , on a true line, bet. secs. 11 and 14.  
From cor. desc. NE. slope of mountain, through scattering undergrowth.
- 14.90 Wash, 225 ft. below sec. cor., 10 lks. wide, course NW.  
Asc. NW. slope.
- 17.00 Trail bears NW. and S.  
30.18 Wash, 10 lks. wide, course N.  $30^{\circ}W.$   
37.00 Rock, 80 ft. high, 570 ft. above wash noted at 14.90 chs., on ridge bearing N. and S.  $30^{\circ}W.$ ; desc. over broken cliffs 130 ft. to
- 40.05 On N. and S. dike, 30 ft. high and 10 ft. wide,  
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 11 in N. half,  
S 14 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. in the ground.
- 48.80 Desc. over cliff, 30 ft. high, bearing N.  $20^{\circ}E.$  and S.  $20^{\circ}W.$   
53.20 Head of wash, 120 ft. below  $\frac{1}{4}$  sec. cor., course S.  
Asc. SW. slope.
- 59.15 Spur, 80 ft. above wash, extends SE.  
Desc. precipitous E. slope 530 ft. to
- 80.10 The cor. of secs. 11, 12, 13 and 14.  
Land, mountainous.  
Soil, rocky; 4th. rate.  
No timber.  
Undergrowth, cactus, yucca, greasewood and juniper.
- 
- East, on a random line, bet. secs. 12 and 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
74.74 Intersect E. bdy. of Tp. 7 lks. S. of reestablished cor. of secs. 12 and 13, hereinbefore described.  
Thence I run  
S.  $89^{\circ}57'W.$ , on a true line, bet. secs. 12 and 13.  
Over gently rolling land, through scattering undergrowth.
- 1.20 Road from Union Pass to Secret Pass bears NW. and S.  
10.05 Wash, 6 lks. wide, course N.  $75^{\circ}E.$   
14.80 Wash, 60 lks. wide, course NE. Leave rolling land, which bears NW. and SE., and Asc. E. slope, over mountainous land.
- 34.74 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 12 in N. half,  
S 13 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 42.40 Spur, 490 ft. above wash at 14.80 chs., extends NW.  
47.80 Spur extends SW. Desc. W. slope.  
61.10 Wash, 15 lks. wide, course N. for 3.00 chs., and thence NE. Asc. E. slope.
- 65.10 Spur extends SE. Desc. SW. slope.  
70.40 Wash, 340 ft. below spur noted at 42.40 chs., 3 lks. wide, course SE. for 5.00 chs., and thence NE.  
Asc. E. slope 70 ft. to
- 74.74 The cor. of secs. 11, 12, 13 and 14.  
Land, mountainous for W. 60.00 chs., and gently rolling for balance.  
Soil, stony; 4th rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood and juniper.

## Chains

- N.0°03'E., bet. secs. 11 and 12.  
 Desc. N. slope, over mountainous land, through scattering undergrowth.
- 9.75 Wash; 135 ft. below sec. cor., 12 lks. wide, course NE.  
 27.03 Wash, 70 ft. below wash noted at 9.75 chs., course E.; width, 25 lks. Asc. S. slope.
- 40.00 On ridge, 130 ft. above wash, bearing N.80°W. and S.80°E., 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  $\frac{1}{4}$  in N., S 11 in W., and S 12 in E. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Desc. N. slope.
- 42.60 Head of wash, course N.80°E. Asc. SE. slope.  
 51.90 Spur, 70 ft. above  $\frac{1}{4}$  sec. cor., extends E. Desc. N. slope.  
 56.73 Trail bears N.65°W., and E.  
 61.80 Wash, 3 lks. wide, course NE.  
 65.00 Rocky spur slopes N.30°E.; desc. along NW. slope of spur.  
 80.00 280 ft. below spur noted at 51.90 chs., 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 T 21 N. S. 2 in NW., R 20 W. S 1 in NE., S 12 in SE., and S 11 in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous.  
 Soil, stony; 4th rate.  
 No timber;  
 Undergrowth, cactus, catclaw, yucca, greasewood and juniper.  
 Mar. 23, 1915.
- 
- Mar. 24, 1915.  
 West, on a random line, bet. secs. 2 and 11.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.44 Intersect N. and S. line 15 lks. S. of the cor. of secs. 2, 3, 10 and 11.  
 Thence I run S.89°54'E., on a true line, bet. secs. 2 and 11.  
 Desc. abrupt E. slope, over mountainous land, through scattering undergrowth.
- 10.05 Wash, 315 ft. below sec. cor., 6 lks. wide, course S. Asc. W. slope.  
 16.55 Spur, 165 ft. above wash, extends S. Desc. E. slope.  
 26.60 2 inch pipe line, bears N. and S.  
 27.70 Bottom of canyon, 290 ft. below spur, course S.10°W. Stream, 1 lk. wide, in bottom.
- 33.24 Richardson's ranch house bears S.5 $\frac{1}{2}$ °W., 21 $\frac{1}{2}$  chs. dist. This station is on E. side of cliff, 35 ft. high, which bears N.30°W. and S.30°E.
- 40.22 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on exposed bed rock, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S. 2 in N., and S 11 in S. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. in the ground.
- 40.80 Summit of ascent 285 ft. above canyon, on N. and S. ridge. Desc. precipitous E. slope.

## Chains

- 41.20 Spring, fenced, bears N.  $4\frac{1}{2}^{\circ}$  E., about 30 chs. dist.  
 55.15 Wash, 390 ft. below ridge, 4 lks. wide, course From NW. to S. Asc. SW. slope.  
 58.30 Cross S. slope, and desc. gradually.  
 66.38 Telephone line bears N.  $75^{\circ}$  E. and S.  $75^{\circ}$  W.  
 67.25 Road bears N.  $75^{\circ}$  E. and S.  $75^{\circ}$  W.  
 69.95 Stream, 2 lks. wide, 1 inch deep, course N.  $70^{\circ}$  E.  
 80.44 The cor. of secs. 1, 2, 11 and 12.  
 Land, mountainous.  
 Soil, stony; 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and juniper.
- 
- 74.55 East, on a random line, bet. secs. 1 and 12.  
 Intersect E. bdy. of Tp. 11 lks. S. of reestablished cor. of secs. 1 and 12, hereinbefore described.  
 Thence I run  
 S.  $89^{\circ}55'$  W., on a true line, bet. secs. 1 and 12.  
 Over gently sloping land, through scattering undergrowth.  
 1.37 Enter cleared and plowed field, extending N. 4.00 chs. and S. 5.00 chs. Fence bears N.  $5^{\circ}$  W.  
 11.35 Leave field; border bears N. and S.  
 12.95 Charles Lee's house bears S.,  $2\frac{1}{2}$  chs. dist.  
 19.55 Pipe line bears N.  $65^{\circ}$  W. and S.  $65^{\circ}$  E.  
 31.95 Wash, 30 lks. wide, course SE. for 4.00 chs. and thence E.  
 34.55 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 1 in N. half,  
 S 12 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 37.70 Road from Union Pass to Secret Pass bears NW. and SE.  
 39.85 Asc. E. slope.  
 43.65 SE. cor. of fences bearing N.  $50^{\circ}$  W. and N.  $55^{\circ}$  E. Field extends NW. 15 chs.  
 44.50 Asc. on NE. slope.  
 49.50 Cross N. slope, 120 ft. above station at 39.85 chs., and desc. gradually on NW. slope.  
 53.50 Cross saddle; bears NW. and SE. Desc. on SW. slope.  
 57.50 Wash, 3 lks. wide, course N.  
 59.50 Well bears N., about 8.00 chs. dist.; in fenced lot containing about 2 acres. Asc. gradually on NE. slope.  
 67.10 Wash, 5 lks. wide, course N.  $15^{\circ}$  E.  
 74.55 The cor. of secs. 1, 2, 11 and 12.  
 Land, 35.00 chs. hilly and balance gently sloping.  
 Soil, with the exception of fields noted, gravelly and stony; 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw, yucca, greasewood, and juniper.
- 
- Knowing that a closing cor. will be necessary on the N. bdy. of the Tp., I run  
 N.  $0^{\circ}03'$  E., on a true line, bet. secs. 1 and 2.  
 Desc. through scattering undergrowth.  
 4.45 Well, on N. side of wash, bears E. 5.00 chs. dist.  
 5.20 Wash, 50 ft. below sec. cor., 15 lks. wide, course S.  $80^{\circ}$  E.  
 Running water in wash, 3.00 chs. W. of line. Asc. S. slope.  
 7.08 Road to Union Pass bears E. and W.  
 7.49 Telephone line bears E. and W.  
 20.20 Spur, 180 ft. above wash, bears SE. Thence along E. slope.  
 33.00 Wash, 10 lks. wide, course SE. Thence along SE. slope.

## Chains

- 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  $\frac{1}{4}$  in N., S 1 in E., and S 2 in W. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 46.00 Wash, 10 lks. wide, course E. for 150 lks. and thence S.  $10^{\circ}$  E.
- 59.95 Wash, 6 lks. wide, course SE. for 2.00 chs. and thence S.  $10^{\circ}$  E.
- 79.60 Wash, 10 lks. wide. course S.  $10^{\circ}$  E. Asc. S. slope.
- 85.00 Cross spur extending SE. Thence along SE. slope.
- 95.43 Intersect N. bdy. of Tp., 5.78 chs. E. of the cor. of secs. 1, 2, 35 and 36, which is a 3 inch iron post with brass cap, set, 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. 1 and 2, with brass cap, marked  
T 22 N R 20 W S 36 in N. half,  
CC in S. half,  
S 1 R 20 W in SE. and  
S 2 T 21 N in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
I change the old sec. cor. and the  $\frac{1}{4}$  sec. cor. on the S. bdy. of sec. 36 to cors. pertaining solely to the area N. of the Tp. line.  
Land, broken ridges.  
Soil, sandy and gravelly; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood and juniper.  
Mar. 24, 1915.  
E. O. L.

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For table of latitudes and departures, with closing errors, see Book "A".

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GENERAL DESCRIPTION.  
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This township is all rough mountainous land, with numerous cliffs and deep canyons. The soil is rocky and non-productive, the only vegetation being a scant growth of cactus, catclaw, greasewood, sage and juniper.

There are several good springs, all of which are filed on, and most of which are used for mining purposes.

Prospecting has been carried on extensively, two groups of claims, the "Sheep Trail" and "Frisco", having been developed into paying properties.

The township contains no settlers except miners.

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U. S. Surveyor.

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U. S. Transitman.

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FOR CERTIFICATES OF UNITED STATES SURVEYOR.  
 AND UNITED STATES TRANSITMAN  
 See Books "A" and "C"

BOOK 3138

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, March 9, 1918.

The foregoing field notes of the <sup>re-</sup>survey of the \_\_\_\_\_  
WEST BOUNDARY of TOWNSHIP 21 NORTH, RANGE 19 WEST,  
 and survey of the \_\_\_\_\_  
Subdivision Lines of TOWNSHIP 21 NORTH, RANGE 20 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,  
 executed by Theo. O. Johnston, U. S. Surveyor and Edward O. Lyman, U. S. Transitman under ~~his~~ special instructions dated January 6, 1915 for Group 44, 191\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~resurveys~~ <sup>resurveys</sup> and surveys they describe, are hereby approved.

*Frank B. Smith*  
 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.~~