

3137

BOOK 3137

(1)

4-679

Book "E."  
(Subdivisions)

JUN 24 1917

JUN 20 1916

# FIELD NOTES

OF THE RESURVEY OF THE

NORTH BOUNDARY, and Survey of the

SUBDIVISION LINES, all of

TOWNSHIP 22 NORTH, RANGE 19 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 instructions dated January 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.*

Resurvey & Survey commenced February 26, 1915.

Resurvey & Survey completed March 5, 1915.

Executed under Assignment  
Instructions dated Jan. 31, 1915.

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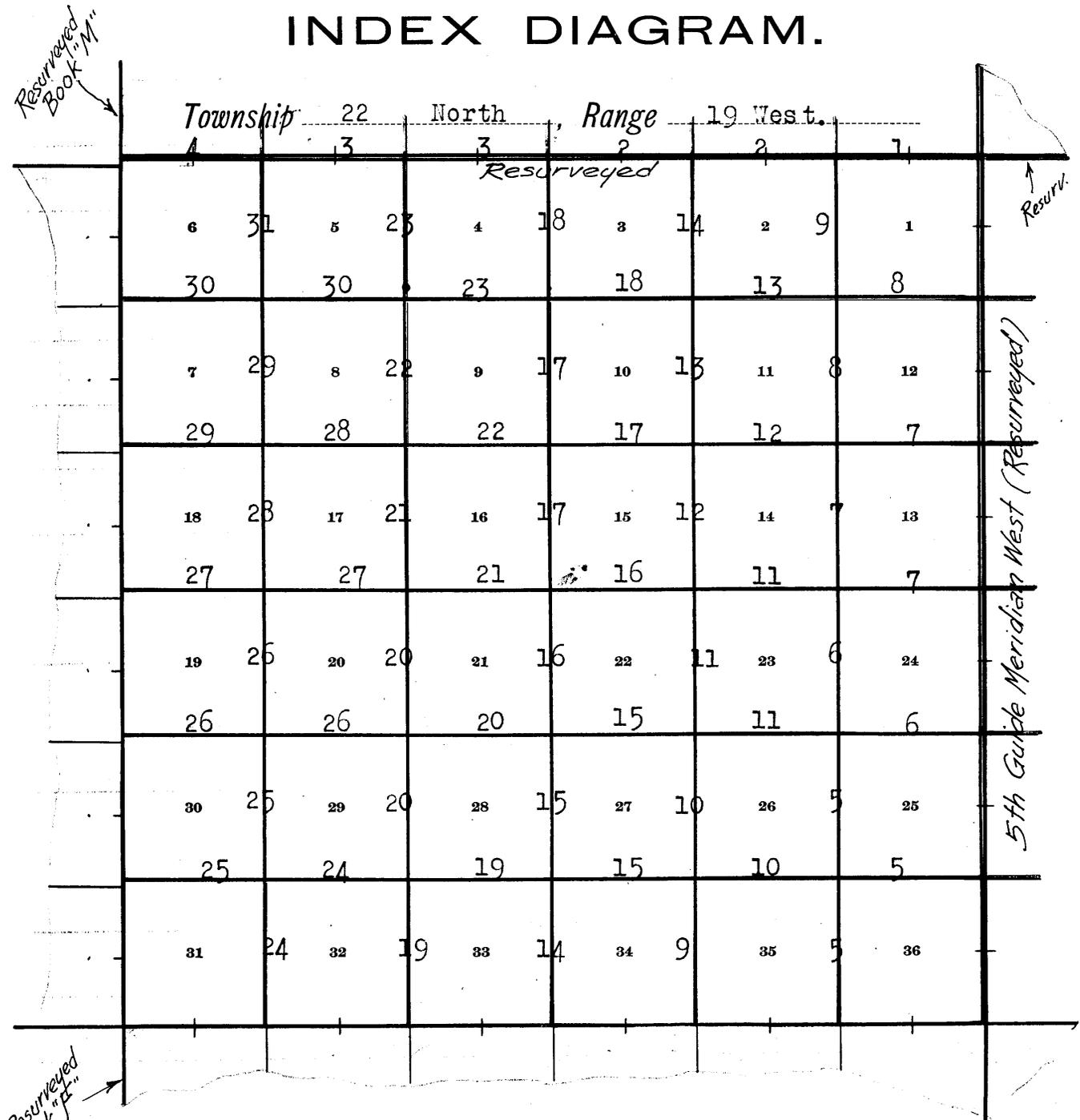
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# Book No. 3137

Book "E"  
(Subdivisions)  
Group 44

BOOK 3137

## INDEX DIAGRAM.



*Resurveyed Book "M"*

- Notes in this book (indexed)
- Notes in book "B" Group 44.
- Notes in book "D" Group 44.
- Notes in book "L" Group 44.
- Accepted surveyed lines.
- Areas surveyed as per accepted plats on file.

Independent Resurvey of North boundary, and  
Survey of Subdivision of T. 22 N., R. 19 W.

Resurvey and  
Survey commenced Feb. 26, 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 are more fully described in Book "A"  
of field notes of surveys under this group.  
All measurements made with steel tapes and clinometers.

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

I examine the adjustments of the instruments and correct the  
level and collimation errors; then, wishing to observe  
Polaris at western elong., I proceed as follows;

At my camp in sec. 22, in latitude  $35^{\circ}16\frac{1}{2}'$  N., longitude  
 $114-17\frac{1}{2}'$  W., at 9h.01.4m. p.m., l. m. t., I observe  
Polaris at western elong., in accordance with instruc-  
tions in the Manual, and mark a point in the line thus  
determined by a tack driven in a stake firmly set in  
the ground 5 chs. N. of my station.  
Feb. 26, 1915.

Feb. 27, 1915.  
At 7h 30m a. m., l. m. t., I lay off the azimuth of Po-  
laris  $1^{\circ}23'.5$  to the east, and mark the meridian thus de-  
termined by cutting a groove in a stone firmly set in  
the ground east of the point established last night.

The magnetic bearing of the true meridian, at 7h 40m  
a. m., is  $N.15^{\circ}15'W.$  The angle thus determined gives  
the mag. decl.  $15^{\circ}15'E.$

T. O. J.

T. O. J.  
E. O. L.  
We transfer the meridian determined as hereinabove des-  
cribed, by observation on Polaris at western elong.,  
by carefully measured angles, to the lines surveyed by  
us throughout the township, the bearings of which are  
ascertained by deflections from such transit lines.  
T. O. J.  
E. O. L.

Independent  
Resurvey of N. Bdy. of T. 22 N., R. 19 W.

E. O. L.  
Mar. 6, 1915.  
From the reestablished cor. of Tps. 22 and 23 N., Rs. 18  
and 19 W., described in Book "D" of field notes of  
surveys executed under this group,  
I run  
West on a random line on N. bdy. of Tp., making diligent  
search for old cors. at intervals of 40.00 chs., and  
setting temp. points. I find no trace of old cors., and  
at 5 miles, 79.98 chs. I fall 4.70 chs. N. of old cor.  
of Tps. 22 and 23 N., R. 19 and 20 W. As the townships  
N. and S. of the line have not been sub-divided, I re-  
survey the line bet. them as follows;

## Chains

West, bet. secs. 1 and 36,  
over gently rolling ground, through scattering under-  
growth.  
38.60 Wash, 6 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in ground,  
for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 36 in N., and  
S 1 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.  
52.50 Wash, 8 lks. wide, course S.  
55.30 Wash, 8 lks. wide, course S.  
77.00 Cross low spur, projecting to S. Desc. SW. slope.  
80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in ground  
for reestablished cor. of secs. 1, 2, 35 and 36, with  
brass cap, marked  
T 23 N S 35 in NW.,  
R 19 W S 36 in NE.,  
S 1 in SE., and  
S 2 in SW. quadrant;  
T 22 N 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.  
Land rolling.  
Soil, sandy, gravelly and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood and yucca.

-----  
West, bet. secs. 2 and 35.  
Over rolling land, through scattering undergrowth.  
6.70 Wash, 10 lks. wide, course SE. Ascend slight SE. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in ground  
for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 35 in N., and  
S 2 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.  
57.45 Wash, 10 lks. wide, course SE. Asc. NE. slope 250 ft. to  
80.00 Set an iron post, 3 ins. in dia., 3 ft. long, 24 ins. in ground,  
for reestablished cor. of secs. 2, 3, 34 and 35, with  
brass cap, marked  
T 23 N S 34 in NW.,  
R 19 W S 35 in NE.,  
S 2 in SE., and  
S 3 in SW. quadrant;  
T 22 N 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.  
Land, rolling and mountainous.  
Soil, sand and gravel, with stones; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood and yucca.  
Mar. 6, 1915.

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Mar. 8, 1915.  
West bet. secs. 3 and 34,  
Asc. over mountainous land, through scattering undergrowth,  
300 ft. to  
27.60 Top of ridge; bears NW. and SE. Desc. W. slope, 340 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in ground  
for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 34 in N., and  
S 3 in S. half; and  
1915 in S. rim;

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
From cor. desc. 160 ft. to  
59.75 Bottom of gulch; drains S. Asc. E. slope of spur.  
66.70 Bottom of canyon, 10.00 chs. wide, course S.25°E.  
80.00 Point 260 ft. above gulch noted at 59.75 chs.  
Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in ground,  
for reestablished cor. of secs. 3, 4, 33 and 34, with  
brass cap, marked  
T 23 N S 33 in NW.,  
R 19 W S 34 in NE.,  
S 3 in SE. and  
S 4 in SW. quadrant;  
T 22 N in S. half; 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.  
Undergrowth, cactus, catclaw, greasewood and yucca.

-----  
West, bet. secs. 4 and 33.  
Asc. NE. slope, through scattering juniper bushes, 30  
ft. to  
3.15 Summit of ascent; on ridge bearing N.40°W. and S.40°E.  
Desc. W. slope 260 ft. to  
21.62 Wash, 10 lks. wide, course SE. for 2.00 chs. and thence  
S. Asc. E. slope 125 ft. to.  
30.70 Summit of ascent, on low ridge bearing N.15°W. and S.15°E.  
Desc. W. slope 100 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in ground,  
for reestablished ¼ sec. cor., with brass cap, marked  
¼ S 33 in N., and  
S 4 in S. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
46.13 Wash, 15 lks. wide, course S.  
80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in ground,  
for reestablished cor. of secs. 4, 5, 32 and 33, with  
brass cap, marked  
T 23 N S 32 in NW.,  
R 19 W S 33 in NE.,  
S 4 in SE., and  
S 5 in SW. quadrant;  
T 22 N in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
Land, roughly rolling.  
Soil, sandy and stony, with small amount of clay; 4th. rate.  
No timber.  
Undergrowth, juniper, cactus, catclaw, yucca and greasewood.

-----  
West, bet. secs. 5 and 32,  
over rough, broken land, through swattering undergrowth.  
1.70 Wash, 3 lks. wide, course S.30°E.  
8.90 In saddle, on ridge; bears N. and S. Thence across rolling  
land.  
39.15 Wash, 3 lks. wide, course S.60°E.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
ground, for reestablished ¼ sec. cor., with brass cap, marked  
¼ S 32 in N. and  
S 5 in S. half; and  
1915 in S. rim;

4.

## Resurvey of N. Bdy., T. 22 N., R. 19 W.

## Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 55.40 Top of spur projecting to N; desc. W. slope.  
 57.70 Wash, 3 lks. wide, course N.15°W.; asc. E. slope.  
 62.15 Top of spur, projecting N.20°W. Desc. W. slope.  
 79.10 Low saddle on ridge; bears NW. and SE.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in ground for reestablished cor. of secs. 5, 6, 31 and 32, with brass cap, marked  
     T 23 N S 31 in NW.,  
     R 19 W S 32 in NE.,  
     S 5 in SE., and  
     S 6 in SW. quadrant;  
     T 22 N 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.
- Land, rough, broken hills.  
 Soil, sandy and stony; 4th rate.  
 No timber.  
 Undergrowth, juniper, cactus and catclaw.
- 
- West, bet. secs. 6 and 31,  
 along southerly slope, through scattering undergrowth.
- 8.40 Wash, 10 lks. wide, course SE. Asc. E. slope of mountain.  
 12.50 N. edge of wash, at bend from SW. to SE.  
 15.45 Same wash, 10 lks. wide, course S.85°E.  
 20.45 Same wash, 10 lks. wide, course N.75°E.  
 28.33 Rugged malpais dyke, slopes N.35°E.  
 29.75 Gorge, 3.00 chs. wide, 60 ft. deep; course NE. Asc. E. slope.  
 39.50 Top of spur sloping to N. Desc. 6 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in ground for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
      $\frac{1}{4}$  S 31 in N., and  
     S 6 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.
- 41.05 Gulch, course NE.  
 54.15 Ridge bears NW. and SE. Desc. W. slope.  
 67.40 Gulch, course S.70°W.  
 79.98 Intersect. Range line 4.70 chs. N. of corner of Tps. 22 and 23 N., Rs. 19 and 20 W., which is an iron post with brass cap, properly set, mkd. and witnessed as described by the surveyor general. (Reestablished in 1913). At point of intersection I set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground, for closing cor. of Tps. 22 and 23 N., R. 19 W., with brass cap, marked  
     CC in E. half,  
     T 23 N S 36 R 20 W in W. half,  
     T 23 N R 19 W S 31 in NE. and  
     S 6 T 22 N in SE. quadrant; and  
     1915 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- I change the old Tp. cor. to a cor. of two Tps., pertaining solely to Tps. 22 and 23 N., R. 20 W.
- Land, mountainous.  
 Soil, sandy and stony; 4th rate.  
 No timber.  
 Undergrowth, scrub juniper, catclaw, greasewood, cactus and yucca.

Mar. 8, 1915.  
 E. O. L.

Chains

T. O. J.  
 Feb. 27, 1915.  
 From ~~the~~ cor. of secs. 1, 2, 35 and 36, on S. bdy., <sup>of T. 22 N., R. 19 W.</sup> which is a malpais stone, 6x6x6 ins. above ground, marked and witnessed as described by the surveyor general, (reestablished in 1910).  
 N.0°01'W., bet. secs. 35 and 36,  
 over rolling land, through scattering brush.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in W., S 35 in W., and S 36 in E. half; and 1915 in S. rim;  
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked  
 T 22 N S 26 in NW.,  
 R 19 W S 25 in NE.,  
 S 36 in SE., and  
 S 35 in SW. quadrant; and  
 1915 in S. rim;  
 dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling.  
 Soil, sandy; 4th rate.  
 No timber.  
 Undergrowth, cactus, yucca and sage.

T. O. J.

E. O. L.  
 S.89°57'E. on random line, bet. secs. 25 and 36.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.26 Intersect Fifth G. M. W. 12 lks. S. of the reestablished cor. of secs. 25, 30, 31 and 36, described in Book "B" of field notes of surveys executed under this group.  
 Thence I run  
 S.89°58'W., on a true line, bet. secs. 25 and 36, across gently rolling plain with general S. slope, through scattering undergrowth.  
 40.13 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 25 in N., and 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.  
 80.26 The cor. of secs. 25, 26, 35 and 36.  
 Land, gently rolling plain.  
 Soil, sandy clay loam; 3rd. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.

E. O. L.

T. O. J.  
 N.0°01'W., bet. secs. 25 and 26,  
 over rolling land, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 26 in W., and

6.

Subdivision of T. 22 N., R. 19 W.

Chains

S 25 in E. half; and  
1915 in S. rim;  
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.

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

T 22 N S 23 in NW.,  
R 19 W S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quadrant; and  
1915 in S. rim;

dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, rolling.  
Soil, sandy; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and sage.

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N.89°58'E., on a random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.36 Intersect 5th. G. M. W. 2 lks. S. of the reestablished  
cor. of secs. 19, 24, 25 and 30, described in Book "B".  
Thence I run

S.89°57'W., on a true line, bet. secs. 24 and 25,  
over rolling land, through scattering brush.

1.65 Center of wash, 100 lks. wide, course SW.

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

¼ S 24 in N., and  
S 25 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, 3½ ft. base, 1½ ft. high,  
N. of cor.

80.36 The cor. of secs. 23, 24, 25 and 26.  
Land, rolling.  
Soil, sandy; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and greasewood.

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N.0°01'W., bet. secs. 23 and 24,  
over rolling land, through scattering undergrowth.

34.30 Center of wash, 100 lks. wide, course S.22½°W.

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

¼ in N.,  
S 23 in W., and  
S 24 in E. half; and  
1915 in S. rim;

dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
W. of cor.

79.20 Road from Mineral to Frisco bears N.22½°E. and S.22½°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.  
in the ground, for cor. of secs. 13, 14, 23 and 24,  
with brass cap, marked

T 22 N S 14 in NW.,  
R 19 W S 13 in NE.,  
S 24 in SE., and  
S 23 in SW. quadrant; and  
1915 in S. rim;

dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.,  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Subdivision of T. 22 N., R. 19 W.

Chains

Land, rolling.  
Soil, sandy; 4th rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and sage.  
T. O. J.

40.00 N. 89° 57' E. on a random line, bet. secs. 13 and 24.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.40 Intersect 5th G. M. W. 7 lks. S. of reestablished cor. of secs. 13, 18, 19 and 24, described in Book "B." Thence S. 89° 54' W. on a true line, bet. secs. 13 and 24, to cor. Over rolling land, through scattering undergrowth.

40.20 Set an iron post, 3 ft. long., 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 13 in N., and S 24 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.

51.00 Center of wash, 2.50 chs. wide, course SW.

79.65 Road from Mineral to Frisco bears N. 22 $\frac{1}{2}$ ° E. and S. 22 $\frac{1}{2}$ ° W.

80.40 The cor. of secs. 13, 14, 23 and 24.  
Land, rolling.  
Soil, sandy; 4th rate.  
No timber.  
Undergrowth, cactus, catclaw and yucca.  
Feb. 27, 1915.  
T. O. J.

E. O. L.  
Mar. 3, 1915.  
N. 0° 01' W., bet. secs, 13 and 14, across plain, through scattering undergrowth.

35.00 Asc. stony SE. slope; bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 14 in W., and S 13 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.

61.87 Summit of ascent 300 ft. above plain; on E. slope of shoulder of mountain. Desc. 195 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked  
T 22 N S 11 in NW.,  
R 19 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, Plain for W. 35.00 chs., and hilly in east portion.  
Soil, sandy, stony and gravelly; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and greasewood.

40.00 N. 89° 54' E., on a random line, bet. secs. 12 and 13.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.48 Intersect 5th G. M. W. 17 lks. S. of the reestablished cor. of secs. 7, 12, 13 and 18, described in Book " B".

## Chains

- Thence I run  
S. 89°47'W., on a true line, bet. secs. 12 and 13,  
over rolling plain; general slope S.; through scattering  
undergrowth.
- 7.73 Road from Chloride to Union Pass bears NE. and SW.  
34.40 Wash, 35 lks. wide, course S. 35°W.  
40.24 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 12 in N., and  
 $\frac{1}{4}$  S 13 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.
- 65.50 Asc. NE. slope 46 ft. to  
80.48 The cor. of secs. 11, 12, 13 and 14.  
Land, rolling plain.  
Soil, sandy and gravelly, with some clay; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and sage.
- 
- N. 0°01'W., bet. secs. 11 and 12,  
across roughly rolling land, sloping generally to NE.,  
through scattering undergrowth.
- 20.00 A hill, 150 ft. high, bears E., about 13 chs. dist.  
28.60 Road bears N. 75°E. and W.  
30.10 Wash, 20 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 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.
- 65.00 Asc. stony SE. slope 80 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
the ground, for cor. of secs. 1, 2, 11 and 12, with  
brass cap, marked  
T 22 N S 2 in NW.,  
R 19 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, rough and hilly in N. and rolling in S. portion.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, catclaw, cactus, greasewood and yucca.
- 
- N. 89°47'E., on a random line, bet. secs. 1 and 12.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.44 Intersect 5th. G. M. W. 3 lks. N. of reestablished cor. of  
secs. 1, 6, 7 and 12, described in Book "B".  
Thence I run  
S. 89°48'W., on a true line, bet. secs. 1 and 12,  
over rolling plain, through scattering undergrowth.
- 30.30 Wash, 12 lks. wide, from N. 30°E. to S. 30°E.  
40.22 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 1 in N., and  
S 12 in S. half; and  
1915 in S. rim;

## Chains

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.

63.10 Wash, 20 lks. wide, course S.25°W.; Asc. along stony E. slope, 75 ft. to

80.44 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling plain; rough in W. 17 chs.  
Soil, sandy, stony and gravelly; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw and greasewood.  
Mar. 3, 1915.  
E. O. L.

T. O. J.  
Mar. 4, 1915.  
N.0°01'W., on a random line, bet. secs. 1 and 2.

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

84.64 Intersect N. bdy. of Tp. 30 lks. W. of reestablished cor. of secs. 1, 2, 35 and 36, hereinbefore described.  
Thence I run  
S.0°11'W., on a true line, bet. secs. 1 and 2;  
Desc. gradual SE. slope, through scattering undergrowth 90 ft. to

9.60 Thence over rolling land.

21.40 Wash, 30 lks. wide, course S.60°E.

42.60 Wash, 20 lks. wide, course S.70°E.

44.60 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground; for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 2 in W., and  
S 1 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.

56.75 Wash, 3.00 chs. wide, course SE.

84.64 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, cactus, yucca and sage; some greasewood.  
Mar. 4, 1915.  
T. O. J.

E. O. L.  
Feb. 27, 1915.  
From old cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., which is a schist stone, 10x6x6 ins. above ground, mkd. and witnessed as described by the surveyor general, (reestablished in 1910).  
N.0°01'W., bet. secs. 34 and 35,  
across gently rolling plain with SE. slope; through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 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;  
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

70.10 Wash, 80 lks. wide, course S.20°W.

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

Chains

T 22 N S 27 in NW.,  
 R 19 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, gently rolling plain.  
 Soil, sandy and gravelly, with small amount of clay; 4th.  
 rate.  
 No timber.  
 Undergrowth, cactus, catclaw, yucca and greasewood.

40.00 S. 89° 57' E. on random line, bet. secs. 26 and 35.  
 Set temp. ¼ sec. cor.  
 80.14 Intersect. N. and S. line 14 lks. S. of the cor. of secs.  
 25, 26, 35 and 36.  
 Thence I run

S. 89° 57' W., on a true line, bet. secs. 26 and 35,  
 across gently rolling plain with SW. slope, through  
 scattering undergrowth.

40.07 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, for ¼ sec. cor., with brass cap, marked  
 ¼ S 26 in N., and  
 S 35 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, 3½ ft. base, 1½ ft. high,  
 N. of cor.

76.35 Wash, 30 lks. wide, course S. 30° W.  
 80.14 The cor. of secs. 26, 27, 34 and 35.  
 Land, gently rolling plain.  
 Soil, sandy loam; 3rd. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood.

N. 0° 01' W., bet. secs. 26 and 27,  
 over gently sloping plain with S. slope, through scat-  
 tering undergrowth.

24.00 Wash, 20 lks. wide, course SE.  
 27.50 Wash, 20 lks. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, for ¼ sec. cor., with brass cap, marked  
 ¼ in N.,  
 S. 27 in W., and  
 S 26 in E. half; and  
 1915 in S. rim;  
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
 and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
 W. of cor.

77.80 Road bears NE. and SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
 the ground, for cor. of secs. 22, 23, 26 and 27, with  
 brass cap, marked

T 22 N S 22 in NW.,  
 R 19 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, 1½ ft. high,  
 W. of cor.

Land, gently rolling plain.  
 Soil, stony sand-gravel loam; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw and greasewood. Feb. 27, 1915.

Chains

T. O. J.

Feb. 27, 1915.

N89°57'E. on a random line, bet. secs. 23 and 26.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.16 Intersect N. and S. line 2 lks. N. of Cor. of secs. 23, 24, 25 and 26.  
Thence I run  
S.89°58'W., on a true line, bet. secs. 23 and 26, over rolling land, through scattering undergrowth.
- 9.15 Wash, 75 lks. wide, course SW.
- 40.08 Set an iron post, 3 ft., long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S. 23 in N., and S 26 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.
- 46.85 Sacramento Wash, 2.00 chs. wide, course S.20°W.
- 78.95 Road from Mineral to Frisco bears NE. and SW.
- 80.16 The cor. of secs. 22, 23, 26 and 27.  
Land, rolling.  
Soil, sandy and gravelly; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and greasewood.  
T. O. J.

E. O. L.

N.0°01'W., bet. secs. 22 and 23, over gently rolling plain with S. slope; through scattering undergrowth.

- 5.00 Wash, 15 lks. wide, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 22 in W., and S 23 in E. half; and 1915 in S. rim;  
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap, marked  
T 22 N S 15 in NW.,  
R 19 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, gently rolling plain, with SE. slope.  
Soil, sandy, gravelly and stony, with some clay; 4th. rate.  
No timber.  
Undergrowth, catclaw, cactus, yucca and sage.  
Feb. 27, 1915.

Mar. 3, 1915.

N.89°58'E., on a random line, bet. secs. 14 and 23.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.14 Intersect N. and S. line 2 lks. N. of cor. of secs. 13, 14, 23 and 24:  
Thence I run  
S.89°59'W., on a true line, bet. secs. 14 and 23, across gently rolling plain; drainage S; through scattering undergrowth.

Chains

40.07 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 14 in N., and S 23 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.

54.55 Wash, 15 lks. wide, course SW. for 3.00 chs., and thence S.

64.45 Wash, 15 lks. wide, course S.15°W.

80.14 The cor. of secs. 14; 15, 22 and 23.  
Land, gently rolling plain.  
Soil, sand, gravel and clay; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and sage; some greasewood. E. O. L.

T. O. J.  
N.0°01'W., bet. secs. 14 and 15,  
over rolling land, through scattering undergrowth.

27.00 Wash, 40 lks. wide; course SE.

32.50 Wash, 100 lks. wide, 4 ft. banks; course S.22 $\frac{1}{2}$ °E.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 15 in W., and S 14 in E. half; and 1915 in S. rim; dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked  
T 22 N S 10 in NW.,  
R 19 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.  
Land, rolling.  
Soil, rocky and gravelly; 4th. rate.  
No timber.  
Undergrowth, cactus, greasewood and yucca.

N.89°59'E. on random line, bet. secs. 11 and 14.

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

80.10 Intersect N. and S. line 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.  
Thence I run  
N.89°59'W., on a true line, bet. secs. 11 and 14.  
From cor. asc., over mountainous land, on NE. slope, 60 ft., through scattering undergrowth, to

8.55 Summit of ascent, on N. side of butte. Desc. on NW. slope 135 ft. to

33.30 Wash, 75 lks. wide, course S.22 $\frac{1}{2}$ °E. Thence over rolling land.

40.05 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 11 in N., and 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.

Chains

80.10 The cor. of secs. 10, 11, 14 and 15.  
 Land, rolling and mountainous.  
 Soil, gravelly and rocky; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, yucca and sage.  
 Mar. 3, 1915.

Mar. 4, 1915.  
 N.0°01'W., bet. secs. 10 and 11,  
 over rolling land; through scattering undergrowth.  
 23.70 Road to Mineral bears E. and W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 10 in W.,  
 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.

42.30 Wash, 20 lks. wide, course SE.  
 65.00 Asc. S. slope of point of ridge 260 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
 the ground, for cor. of secs. 2, 3, 10 and 11, with  
 brass cap, marked  
 T 22 N S 3 in NW.,  
 R 19 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.  
 Land, rolling and mountainous. Mountainous land, 15.00 chs.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, cactus, yucca and greasewood.

40.00 S.89°59'E. on random line, bet. secs. 2 and 11.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect the cor. of secs. 2 and 11. N.0°01'W. bet. secs.  
 1, 2, 11 and 12.

Thence I run  
 N.89°59'W., on a true line, bet. secs. 2 and 11;  
 Ascend E. slope of butte 580 ft. to  
 29.35 Top of butte. Desc. W. slope 270 ft. to  
 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, 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.

From cor. desc. 310 ft. to  
 65.30 Bottom of ravine; drains S.15°W. Asc. E. slope of ridge  
 114 ft. to  
 78.00 Top of ridge, bears N. and SE. Desc. W. slope 85 ft. to  
 79.96 The cor. of secs. 2, 3, 10 and 11.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber or undergrowth.

Mar. 4, 1915.

## Chains

Mar. 5, 1915.  
 N. 0°01'W., on a random line, bet. secs. 2 and 3.  
 40.00 <sup>set temp. 1/4 sec. cor.</sup>  
 84.58 Intersect N. bdy. of Tp. 12 lks. W. of reestablished cor.  
 of secs. 2, 3, 34 and 35, hereinbefore described.  
 Thence I run  
 S. 0°04'W., on a true line, bet. secs. 2 and 3;  
 Asc. along E. slope 100 ft. to  
 14.30 Spur projects E. Desc. S. slope 140 ft. to  
 25.50 Head of ravine running E. Asc. N. slope 90 ft. to  
 29.30 Spur, projects E. Desc. S. slope 240 ft. to  
 39.70 Bottom of gulch, running E. Asc. N. slope 80 ft. to  
 44.58 Set an iron post, 3 ft. long, 1 in. in dia., in a mound  
 of stone, for 1/4 sec. cor., with brass cap, marked  
 1/4 in. N.,  
 S 3 in W., and  
 S 2 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. Impossible, on account of stone, to set  
 cor. in the ground.  
 61.40 From cor. asc. along E. slope, 120 ft. to  
 Top of ridge; bears NW. and SE. Thence descending, along  
 W. slope.  
 78.20 Continue descent along SW. slope.  
 84.58 The cor. of secs. 2, 3, 10 and 11,, 150 ft. below top of  
 ridge.  
 Land, mountainous.  
 Soil, rocky; 4th. rate.  
 No timber or undergrowth.

Mar. 5, 1915.  
 T. O. J.

E. O. L.  
 Feb. 27, 1915.  
 From cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp. which  
 is a malpais stone, 6x5x5 ins. above ground, mkd. and wit-  
 nessed as described by the surveyor general, (reestab-  
 lished in 1910).  
 N. 0°02'W., bet. secs. 33 and 34,  
 over gently rolling plain with general SW. slope,  
 through scattering undergrowth.  
 23.90 Wash, 20 lks. wide, course SE.  
 35.90 Road bears NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, 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, 3 1/2 ft. base, 1 1/2 ft. high,  
 W. of cor.  
 41.00 Wash, 30 lks. wide, course S. 40°W.  
 71.40 Road bears NE. and SW.  
 71.60 Wash, 10 lks. wide, course SE.  
 76.20 Wash, 10 lks. wide, course SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the  
 ground, for cor. of secs. 27, 28, 33 and 34, with  
 brass cap, marked  
 T 22 N S 28 in NW.,  
 R 19 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.  
 Land, gently rolling plain.  
 Soil, sandy and stony, with small quantity of clay; 4th.  
 rate.

Chains.

No timber.  
Undergrowth, cactus, catclaw, yucca and greasewood.

Cor. of secs. 26, 27, 34 and 35 being visible, run  
 N.89°57'E., on a random line, bet. secs. 27 and 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line at cor. of secs. 26, 27, 34 and 35.  
 Thence I run  
 S.89°57'W., on a true line, bet. secs. 27 and 34,  
 over gently rolling plain with general SE. slope,  
 through scattering undergrowth.  
 15.20 Wash, 12 lks. wide, course S.  
 36.50 Wash, 15 lks. wide, course S.20°W.  
 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 27 in N., and  
 S 34 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.  
 74.60 Road bears NE. and SW.  
 79.96 The cor. of secs. 27, 28, 33 and 34.  
 Land, gently rolling plain,  
 Soil, stony and sandy loam; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and yucca.  
 Feb. 27, 1915.

Mar. 3, 1915.  
 N.0°02'W., bet. secs. 27 and 28;  
 across plain with general SW. slope, through scattering  
 undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 28 in W., and  
 S 27 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.  
 67.40 Wash, 20 lks. wide, course S.60°E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
 the ground, for cor. of secs. 21, 22, 27 and 28, with  
 brass cap, marked  
 T 22 N S 21 in NW.,  
 R 19 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.  
 Land, gently sloping plain.  
 Soil, sandy and gravelly, with some clay; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and yucca.

N.89°57'E., on a random line, bet. secs. 22 and 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line 2 lks. N. of cor. of secs. 22, 23,  
 26 and 27.  
 Thence I run  
 S.89°58'W., on a true line, bet. secs. 22 and 27.

Chains

across gently rolling plain with general SE. slope, through scattering undergrowth.  
 36.75 Wash, 15 lks. wide, course S.15°E.  
 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 22 in N., and 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.  
 52.55 Wash, 10 lks. wide, course S.20°E.  
 79.96 The cor. of secs. 21, 22, 27 and 28. Land, gently rolling plain. Soil, sand, gravel, clay and stones; 4th. rate. No timber. Undergrowth, cactus, catolaw, yucca and greasewood. E. O. L.

T. O. J.  
 N.0°02'W., bet. secs. 21 and 22, over rolling land, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 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.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked T 22 N S 16 in NW., R 19 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, rolling.  
 Soil, gravelly and rocky; 4th. rate.  
 No timber.  
 Undergrowth, cactus and greasewood.

N.89°58'E., on a random line, bet. secs. 15 and 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence I run S.89°56'W., on a true line, bet. secs. 15 and 22, over rolling land, through scattering undergrowth.  
 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 15 in N., and S 22 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.  
 53.65 Wash, 100 lks. wide, course S.22 $\frac{1}{2}$ °E.  
 73.45 Wash, 20 lks. wide, course S.67 $\frac{1}{2}$ °E.  
 79.85 Center of wash, 10 lks. wide, course SE.  
 79.96 The cor. of secs. 15, 16, 21 and 22. Land, rolling. Soil, sandy, gravelly and rocky; 4th. rate. No timber. Undergrowth, cactus, yucca and greasewood. Mar. 3, 1915.

Chains	
	Mar. 4, 1915.
	N. 0°02' W., bet. secs. 15 and 16,
38.00	over rolling land, through scattering undergrowth.
40.00	Wash, 100 lks. wide, course SE.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
	the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ in N.,
	S 16 in W., and
	S 15 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.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
	the ground, for cor. of secs. 9, 10, 15 and 16, with
	brass cap, marked
	T 22 N S 9 in NW.,
	R 19 W. S 10 in NE.,
	S 15 in SE., and
	S 16 in SW. quadrant; and
	1915 in S. rim;
	dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.,
	and raise a mound of earth, 4 ft. base, 2 ft. high,
	W. of cor.
	Land, rolling.
	Soil, gravelly and rocky; 4th. rate.
	No timber.
	Underbrush, cactus, catclaw, greasewood and yucca.
	-----
	N. 89°56' E. on random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 5 lks. N. of cor. of secs.
	10, 11, 14 and 15.
	Thence I run
	S. 89°50' W., on a true line, bet. secs. 10 and 15,
	over rolling land, through scattering undergrowth.
25.00	Wash, 150 lks. wide, course SE.
40.02	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
	ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ S 10 in N., and
	S 15 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.
80.04.	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling.
	Soil, rocky and gravelly; 4th. rate.
	No timber.
	Undergrowth, cactus, catclaw, yucca and greasewood.
	T. O. J.
	-----
	E. O. L.
	N. 0°02' W., bet. secs. 9 and 10,
	across gently rolling plain, through scattering under-
	growth.
13.80	Road bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 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;
	dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
	And raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
	W. of cor.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in

## Chains

the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap, marked

T 22 N S 4 in NW.,  
R 19 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,  $1\frac{1}{2}$  ft. high,  
W. of cor.

Land, rolling.

Soil, sandy and gravelly; 4th. rate.

No timber.

Undergrowth, cactus, catclaw, yucca, greasewood and scrub juniper.

N.  $89^{\circ}58'E.$ , on a random line, bet. secs. 3 and 10.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.16 Intersect N. and S. line 4 lks. N. of cor. of secs.  
2, 3, 10 and 11.  
Thence I run  
West, on a true line, bet. secs. 3 and 10,  
over rolling ridges, general drainage S. and SE.,  
through scattering undergrowth.  
From cor. Desc. W. slope 130 ft. to  
10.00 Thence along S. slope.  
26.40 Thence along SW. slope.  
28.85 Wash, 15 lks. wide, course S.  $15^{\circ}E.$   
33.55 Wood road bears N.  $15^{\circ}W.$  and S.  
40.08 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 3 in N., and  
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.  
From cor. asc. E. slope 80 ft. to  
58.30 Top of ridge; bears N. and S. Desc. 115 ft. to  
69.55 Wash, 10 lks. wide, course S.  
80.16 The cor. of secs. 3, 4, 9 and 10.  
Land, roughly rolling.  
Soil, sandy and stony; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, greasewood, yucca and  
scrub juniper.

Mar. 4, 1915.  
E. O. L.

T. O. J.  
Feb. 5 and 8, 1915.  
N.  $0^{\circ}02'W.$ , on a random line, bet. secs. 3 and 4.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
84.62 Intersect N. bdy. of Tp., 23 lks. W. of reestablished cor.  
of secs. 3, 4, 33 and 34, hereinbefore described.  
Thence I run  
S.  $0^{\circ}07'W.$ , on a true line, bet. secs. 3 and 4;  
Asc., through scattering undergrowth, on NE. slope,  
72 ft. to  
8.00 Top of ridge; bears N.  $20^{\circ}W.$  and S.  $20^{\circ}E.$  Thence along top.  
19.00 Desc. along W. slope, 370 ft. to  
44.62 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 4 in W. and  
S 3 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.

Subdivision of T. 22 N., R. 19 W.

Chains	
	From cor. continue descent 100 ft. to
59.50	Thence over rolling land.
77.00	Draw, 8 ft. deep, 5.00 chs. wide, course S.22½°E.
84.62	The cor. of secs. 3, 4, 9 and 10.
	Land roughly rolling.
	Soil, sandy and rocky; 4th. rate.
	No timber.
	Undergrowth, cactus, greasewood and sage.
	Feb. 5 and 8, 1915.
	T. O. J.
-----	
	E. O. L.
	Mar. 3, 1915.
	From old cor. of secs. 4, 5, 32 and 33, on S. bdy. which
	is a malpais stone, 10x6x6 ins. above ground, mkd. and
	witnessed as described by the surveyor general, (reestab-
	lished in 1910)
	N.0°03'W., bet. secs. 32 and 33,
	over gently rolling plain, through scattering undergrowth.
29.50	Wash, 15 lks. wide, course E.
40.00	Set an iron post, 3 ft. long., 1 in. in dia., 26 ins. in
	the ground, for ¼ sec. cor., with brass cap, marked
	¼ in N.,
	S 32 in W., and
	S 33 in E. half; and
	1915 in S. rim;
	dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
	and raise a mound of earth, 3½ ft. base, 1½ ft. high,
	W. of cor.
49.50	Wash, 10 lks. wide, course SE.
68.10	Wash, 20 lks. wide, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
	the ground, for cor. of secs. 28, 29, 32 and 33, with
	brass cap, marked
	T 22 N S 29 in NW.,
	R 19 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, 1½ ft. high,
	W. of cor.
	Land, gently rolling plain.
	Soil, sandy, gravelly and stony, with some clay; 4th. rate.
	No timber.
	Undergrowth, cactus, catclaw, greasewood and yucca.
-----	
	S.89°57'E., on a random line, bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line 7 lks. S. of cor. of secs. 27, 28,
	33 and 34.
	Thence I run
	West, on a true line, bet. secs. 28 and 33,
	over gently rolling plain, through scattering undergrowth.
7.95	Wash, 20 lks. wide, course S.65°E.
39.97	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
	the ground, for ¼ sec. cor., with brass cap, marked
	¼ S 28 in N., and
	S 33 in S. half; and
	1915 in S. rim;
	and raise a mound of stone, 2 ft. base, 1½ ft. high,
	N. of cor.
45.30	Road bears N.40°W. and S.40°E.
79.30	Wash, 20 lks. wide, course SE.
79.94	The cor. of secs. 28, 29, 32 and 33.

Chains

Land, gently rolling plain; general slope SE.  
Soil, sandy, stony and gravelly, with some clay; 4th. rate.  
No timber.  
Undergrowth, cactus, catclaw, yucca and greasewood.  
E. O. L.

T. O. J.  
N.0°03'W., bet. secs. 28 and 29,  
over rolling land, through scattering undergrowth.

1.40 Wash, 200 lks. wide, course S.22½°E.  
15.95 Road bears NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground, for ¼ sec. cor., with brass cap, marked  
¼ in N.,  
S 29 in W., and  
S 28 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.

62.80 Wash, 50 lks. wide, course SE.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
the ground, for cor. of secs. 20, 21, 28 and 29,  
with brass cap, marked  
T 22 N S 20 in NW.,  
R 19 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, 1½ ft. high,  
W. of cor.

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

40.00 East, on a random line, bet. secs. 21 and 28.  
79.96 Set temp. ¼ sec. cor.  
Intersect N. and S. line 19 lks. S. of cor. of secs.  
21, 22, 27 and 28.

Thence I run  
S.89°52'W., on a true line, bet. secs. 21 and 28,  
over rolling land, through scattering undergrowth.

16.15 Draw, 3.00 chs. wide, 10 ft. deep, course S.22½°E.  
39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground, for ¼ sec. cor., with brass cap, marked  
¼ S 21 in N., and  
S 28 in S. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.

70.00 Wash, 2.50 chs. wide, course S.  
79.96 The cor. of secs. 20, 21, 28 and 29.

Land, rolling.  
Soil, sandy, gravelly and rocky; 4th. rate.  
No timber.  
Undergrowth, cactus, yucca and greasewood.

Mar. 3, 1915.

Mar. 4, 1915.  
N.0°03'W., bet. secs. 20 and 21,  
over rolling land, through scattering undergrowth.

Subdivision of T. 22 N., R. 19 W.

Chains

20.00 Draw, 3.00 chs. wide, course S.22 $\frac{1}{2}$ °E.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, 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.  
 70.00 Wash, 2.00 chs. wide, course SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap, marked  
     T 22 N. S 17 in NW.,  
     R 19 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, rolling.  
 Soil, rocky and gravelly; 4th. rate.  
 No timber,  
 Undergrowth, cactus and greasewood.

-----  
 N.89°52'E., on a random line, bet. secs. 16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. and S. line 2 lks. N. of cor. of secs. 15, 16, 21 and 22.  
 Thence I run  
 S.89°53'W., on a true line, bet. secs. 16 and 21,  
 over rolling land, through scattering undergrowth.  
 32.00 Wash, 25 lks. wide, course S.  
 39.99 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
      $\frac{1}{4}$  S 16 in N. and  
     S 21 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.  
 43.00 Ravine, 2.00 chs. wide, course S.  
 68.00 Wash, 100 lks. wide, course S.22 $\frac{1}{2}$ °E.  
 79.98 The cor. of secs. 16, 17, 20 and 21.  
 Land, rolling.  
 Soil, gravelly and rocky; 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw and yucca.  
 T. O. J.

-----  
 E. O. L.  
 N.0°03'W., bet. secs. 16 and 17.  
 over gently rolling plain, with SE. slope, through scattering undergrowth.  
 26.30 Wash, 15 lks. wide, course SE.  
 40.00 Set an iron post, 3 ft. long; 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
      $\frac{1}{4}$  in N.,  
     S 17 in W.; and  
     S 16 in SE. quadrant; and  
     1915 in S. rim;  
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
 and raise a mound of earth, 1 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 48.00 Leave level land and asc. over rolling ground.

Chains	
53.80	Top of stony ridge; bears E. and W.
56.08	Wash, 15 lks. wide, course SE.
59.12	Wash, 20 lks. wide, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked T 22 N S 8 in NW., R 19 W S 9 in NE., S 16 in SE. and S 17 in SW. quadrant; and 1915 in S. rim; dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling plain for S. 48.00 chs, and roughly rolling for N. portion. Soil, sandy, gravelly clay loam; 4th rate. No timber. Undergrowth, cactus, catclaw, greasewood, yucca and scrub juniper.
40.00	N. $89^{\circ}53'$ E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 2 lks. S. for of secs. 9, 10, 15 and 16. Thence I run S. $89^{\circ}52'$ W., on a true line, bet. secs. 9 and 16, over gently rolling land, with general SE. slope, through scattering undergrowth.
16.50	Wash, 25 lks. wide, course S.
29:50	Wash, 10 lks. wide, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ 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.
42.00	On stony knoll, slopes S. Desc. SW. slope.
63.30	Wash, 12 lks. wide, course SE.
80.00	The cor. of secs. 8, 9, 16 and 17. Land, gently rolling plain. Soil, sandy and gravelly; 4th. rate. No timber. Undergrowth, cactus, catclaw, greasewood, yucca and scrub juniper.
	Mar. 4, 1915. E. O. L.
	T. O. J. Mar. 5, 1915. N. $0^{\circ}03'$ W., bet. secs. 8 and 9, over rolling land, through scattering undergrowth.
13.70	Road bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 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.
45.00	Wash, 60 lks. wide, course S. $22\frac{1}{2}^{\circ}$ E.
50.00	Asc. SW. slope of spur projecting W.
60.00	Line runs up canyon.
64.90	Leave canyon and asc. SW. slope.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., in a mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap, marked

T 22 N S 5 in NW.,  
R 19 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, 1½ ft. high, W. of cor. Impossible, on account of stone, to set cor. in the ground.

Land rolling in S. 50.00 chs. and rolling mountainous in N. portion.

Soil, sandy, gravelly and rocky; 4th. rate.

No timber.

Undergrowth, cactus, greasewood and scrub juniper.

N. 89° 52' E. on random line, bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line 10 lks. N. of cor. of secs. 3, 4, 9 and 10.

Thence I run

S. 89° 56' W., on a true line, bet. secs. 4 and 9, over mountainous land, through scattering undergrowth.

10.00 Bottom of ravine 10.00 chs. wide; course SE.

33.00 Draw, 1.50 chs. wide, course S. 22½° E.

39.00 Wash, 3.00 chs. wide, course S. 22½° E. Thence over rolling land.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., in a mound of stone, for ¼ sec. cor., with brass cap, marked

¼ S 4 in N., and  
S 9 in S. half; 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, on account of stone. Asc. 300 ft. to

71.20 Top of ridge; bears N. and S. Desc. W. slope, 175 ft. to

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

Land, mountainous and rolling.

Soil, rocky and sandy; 4th. rate.

No timber.

Undergrowth, nactus, yucca, greasewood and scrub juniper.

N. 0° 03' W., on a random line, bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.

85.10 Intersect N. bdy. of Tp. 26 lks. W. of reestablished cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence I run

S. 0° 08' W., on a true line, bet. secs. 4 and 5, over mountainous land, through scattering undergrowth. From cor. desc. gradual S. slope 17 ft. to

5.30 Thence asc. gradually along NE. slope 50 ft. to

15.20 Top of ascent on E. slope. Desc. gradually along SE. slope 70 ft. to

40.00 Ft. of slope.

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

¼ in N.,  
S 5 in W., and  
S 4 in E. half; and  
1915 in S. rim;

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

From cor. asc.

45.90 Wash, 70 lks. wide, 3 ft. deep, course SE.

24.

Subdivision of T. 22 N. R. 19 W.

Chains

63.40 Top of ridge 290 ft. above  $\frac{1}{4}$  sec. cor.; bears NW. and SE.  
 Desc. along broken SW. slope 220 ft. to  
 85.10 The cor. of secs. 4, 5, 8 and 9.  
 Land mountainous.  
 Soil, rocky and sandy; 4th. rate.  
 No timber.  
 Undergrowth, scrub juniper.

Mar. 5, 1915.

Mar. 3, 1915. From corner of secs. 5, 6, 31 and 32, on S. bdy. of Tp. which is a malpais stone 10x8x5 ins. above ground mkd. and witnessed as described by the surveyor general, (reestab. in 1910)  
 N.  $0^{\circ}03'$  W., bet. secs. 31 and 32,  
 over rolling mountainous land, through scattering undergrowth.

7.50 Draw, 8.00 chs. wide, 25 ft. deep, course E.  
 15.00 Draw, 7.00 chs. wide, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 31 in W., and  
 S 32 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.

41.50 Center of wash, 100 lks. wide, course SE.  
 50.75 Center of wash, 75 lks. wide, course S.  $67\frac{1}{2}^{\circ}$  E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap. marked

T 22 N S 30 in NW.,  
 R 19 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,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

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

40.00 S.  $89^{\circ}57'$  E., on a random line, bet. secs. 29 and 32.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line 18 lks. S. of cor. of secs. 28, 29, 32 and 33.

Thence I run

S.  $89^{\circ}55'$  W., on a true line, bet. secs. 29 and 32,  
 over rolling land, through scattering undergrowth.

24.20 Center of wash, 20 lks. wide, course S.  $22\frac{1}{2}^{\circ}$  E.

39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 29 in N., and  
 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.

48.00 Center of wash, 50 lks. wide, course SE.

76.05 Road bears NW. and SE.

79.96 The cor. of secs. 29, 30, 31 and 32.

Land, rolling,  
 Soil rocky and gravelly; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and sage.

Mar. 3, 1915.

T. O. J.

Subdivision of T. 22 N., R. 19 W.

Chains

E. O. L.  
 Mar. 4, 1915.  
 N.89°57'W., on a random line, bet. secs. 30 and 31.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect W. bdy. of Tp. 14 lks. N. of cor. of secs. 25, 30, 31 and 36, which is a 2 in. iron post with brass cap, properly set, marked and witnessed as described by the surveyor general. (Reestablished 1913). Thence I run  
 N.89°57'E., on a true line, bet. secs. 30 and 31, over gently rolling ground, through scattering undergrowth.  
 .90 Wash, 20 lks. wide, course S.15 °E.  
 23.50 Same wash, 15 lks. wide, course NE.  
 38.50 Spring and corral about 35.00 chs. N. Earnest Leonard's house in course of construction.  
 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 30 in N., and S 31 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.  
 60.60 Wash, 10 lks. wide, course N.10°E.  
 79.98 The cor. of secs. 29, 30, 31 and 32. Land, roughly rolling. Soil, sandy and stony; 4th. rate. No timber. Undergrowth, cactus, catclaw, greasewood, yucca and scrub juniper.

E. O. L.

T. O. J.  
 N.0°03'W., bet. secs. 29 and 30, over rolling land, through scattering undergrowth.  
 5.00 Draw, 5.00 chs. wide, 20 ft. deep, course SE.  
 5.50 Road, bears NW. and SE.  
 20.00 Wash, 3.00 chs. wide, 5 ft. banks, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  in N., S 30 in W., and S 29 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.  
 57.20 Wash, 100 lks. wide, course SE.  
 70.00 Wash, 4.00 chs. wide, course S.22 $\frac{1}{2}$ °E.  
 75.00 Wash, 100 lks. wide, course SE.  
 77.00 Road bears NW. and SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked  
 T 22 N S 19 in NW.,  
 R 19 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, rolling.  
 Soil, rocky and gravelly; 4th. rate.  
 No timber.  
 Undergrowth, cactus, yucca, greasewood and juniper.

Chains	
40.00 80.00	The cor. of secs. 20, 21, 28 and 29 bears N.89°52'E. from the cor. of secs. 19, 20, 29 and 30, so I run N.89°52'E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
15.00	The cor. of secs. 20, 21, 28 and 29. Thence I run S.89°52'W., on a true line, bet. secs. 20 and 29, over rolling land, through scattering undergrowth.
40.00	Asc. over gradual SE. slope. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
48.50	$\frac{1}{4}$ S 20 in N., and S 29 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.
55.00	Top of spur projecting S. Desc. W. slope. Ft. of slope. thence over rolling land.
63.80	Wash, 2.50 chs. wide, course S.22 $\frac{1}{2}$ °E.
65.00	Wash, 60 lks. wide, course SE.
80.00	The cor. of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Soil, rocky and gravelly; 4th. rate. No timber. Undergrowth, cactus, yucca and greasewood. T. O. J.
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40.00 79.92	E. O. L. S.89°57'W., on a random line, bet. secs. 19 and 30 Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp. 18 lks. S. of cor. of secs. 19, 24, 25 and 30, which is a 3 in. iron post with brass cap, properly set, marked and witnessed as described by the surveyor general. (Reestablished 1913)
5.50 39.92	Thence I run S.89°55'E., on a true line, bet. secs. 19 and 30, over gently rolling land with general SE. slope, through scattering undergrowth. Wash, 25 lks. wide, course N.60°E. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
67.10 69.40 74.50 79.92	$\frac{1}{4}$ S 19 in N. and 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. Wash, 40 lks. wide, course SE. Road; bears N.40°E. and S.40°W. Road; bears NW. and SE. The cor. of secs. 19, 20, 29 and 30. Land, gently rolling. Soil, sandy and stony; 4th. rate. No timber. Undergrowth, catclaw and scrub juniper.
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11.50 30.00 40.00	N.0°03'W., bet. secs. 19 and 20, over gently rolling land, through scattering undergrowth. Wash, 10 lks. wide, course E. for 1.00 ch., and thence SE. Wash, 15 lks. wide, course S.35°E. Set an iron post, 3 ft. long, 1 in. in dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ 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. Impracticable to dig pits or set cor. in

Chains

the ground, on account of stone.  
 Same wash noted at 30.00 chs. bears W., 1.00 ch. dist.;  
 course S.  
 From cor. along steep W. slope of ridge.  
 78.00 Asc. S. slope 20 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
 the ground, for cor. of secs. 17, 18, 19 and 20, with  
 brass cap, marked  
     T 22 N S 18 in NW.,  
     R 19 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, 1½ ft. high,  
 W. of cor.  
 Land, rolling and mountainous.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, yucca, greasewood and scrub  
 juniper.

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40.00 N.89°52'E., on a random line, bet. secs. 17 and 20.  
 80.08 Set temp. ¼ sec. cor.  
 Intersect N. and S. line at the cor. of secs. 16, 17, 20  
 and 21.  
 Thence I run  
 S.89°52'W., on a true line, bet. secs. 17 and 20,  
 over rolling plain, through scattering undergrowth.  
 6.35 Wash, 10 lks. wide, course SE.  
 40.04 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in  
 the ground and 18 ins. in a mound of stone, for ¼ sec.  
 cor., with brass cap, marked  
     ¼ S.17 in N. and  
     S 20 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. far-  
 ther in ground.  
 42.00 On point of spur projecting S. Desc.  
 48.60 Wash, 15 lks. wide, course S.20°E. Asc. E. slope 250  
 ft. to  
 72.60 Top of low ridge; bears N.20°W. and S.20°E.  
 Desc. SW. slope 100 ft. to  
 80.08 The cor. of secs. 17, 18, 19 and 20.  
 Land, rough and broken in W. 50.00 chs. and rolling  
 plain in eastern portion.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and sage, with  
 some scrub juniper.

Mar. 4. 1915.

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Mar. 5, 1915.  
 40.00 N.89°55'W., on a random line, bet. secs. 18 and 19.  
 79.82 Set temp. ¼ sec. cor.  
 Intersect W. bdy. of Tp. 23 lks. S. of cor. of secs.  
 13, 18, 19 and 24, which is a ¾ in. iron post, set,  
 mkd. and witnessed as described by the surveyor general.  
 From cor., Nuttycomb and Cook's house bears N.40°E.,  
 about 30.00 chs. dist. (This cor. reestablished in 1913)  
 Thence I run  
 S.89°45'E., on a true line, bet. secs. 18 and 19,  
 over rolling ground, through scattering undergrowth.  
 18.70 Wash, 25 lks. wide, course S.20°E.  
 27.50 Road bears N.40°W. and S.40°E.

## Chains

- 39.82 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 18 in N., and  
 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.
- 44.30 Road bears N. and S.
- 64.80 Head of wash, course S.25°E.
- 79.82 The cor. of secs. 17, 18, 19 and 20.  
 Land, rolling.  
 Soil, sandy, stony and gravelly; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, yucca, greasewood and scrub juniper.

E. O. L.

- 
- T. O. J.  
 N.0°03'W., bet. secs. 17 and 18,  
 over mountainous land, through scattering undergrowth;  
 asc. SW. slope of ridge 265 ft. to
- 19.20 Summit of ascent. Top bears NW. and SE. Desc. NE. slope  
 320 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 18 in W., and  
 S 17 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. in  
 the ground.
- 43.00 Wash, 50 lks. wide, course S.67 $\frac{1}{2}$ °E.
- 45.00 Draw, 3.00 chs. wide, 8 ft. deep, course S.10°E.
- 50.00 E. edge of same draw; bears S.10°E. and N.10°W
- 56.70 Draw, 3.00 chs. wide, 8 ft. deep, course S.10°E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in  
 the ground, for cor. of secs. 7, 8, 17 and 18, with  
 brass cap, marked  
 T 22 N S 7 in NW.,  
 R 19 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, mountainous and rolling.  
 Soil, rocky, gravelly and sandy; 4th. rate.  
 No timber.  
 Undergrowth, greasewood and cactus.

- 
- N.89°59'E. on random line, bet. secs. 8 and 17.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect N. and S. line 10 lks. S. of cor. of secs.  
 8, 9, 16 and 17.  
 Thence I run  
 S.89°55'W., on a true line, bet. secs. 8 and 17,  
 over rolling land, through scattering undergrowth.
- 14.30 Wash, 4.00 chs. wide, course SE.
- 25.30 Asc. E. slope 120 ft. to
- 40.05 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 8 in N., and  
 S 17 in S. half; and  
 1915 in S. rim;

Chains	
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. From cor. continue ascent on E. slope.
52.00	Continue ascent, on SE. slope.
60.00	Summit of ascent 370 ft. above ¼ sec. cor. Desc. W. slope 460 ft. to
80.10	The cor. of secs. 7, 8, 17 and 18. Land, mountainous and rolling. Soil, rocky, gravelly and sandy; 4th. rate. No timber. Undergrowth, cactus, juniper and greasewood. T. O. J.
-----	
	E. O. L. N. 89°45' W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
79.72	Intersect W. bdy. of Tp. 12 lks. S. of corner. of secs 7, 12, 13 and 18, which is a 3 in. iron post, set, mkd. and witnessed as described by the surveyor general. (Restablished 1913). Thence I run S. 89°40' E., on a true line, bet. secs. 7 and 18, over rough, hilly land with general SW. slope, through scattering undergrowth.
.12	Wash, 5 lks. wide, course SE.
13.98	Top of small spur; slopes S.
24.30	Unoccupied ranch house bears N. 21° E.
24.40	Top of spur extending SE. from high point. Desc. 150 ft. to
39.72	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap, mkd. ¼ S 7 in N., and S 18 in S. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
42.70	Road to ranch house bears N. 20° W. and S. 20° E.
47.80	Wash, 12 lks. wide, course SE.
68.70	Wash, 5 lks. wide, course SE.
71.30	Road bears N. and S.
77.30	Wash, 5 lks. wide, course S. 20° E.
79.72	The cor. of secs. 7, 8, 17 and 18. Land, roughly rolling. Soil, sandy, gravelly and stony; 4th. rate. No timber. Undergrowth, cactus, catclaw, yucca, greasewood, and scrub juniper.
-----	
	N. 0° 03' W. bet. secs. 7 and 8, over rolling ground with SW. slope, through scattering undergrowth.
20.50	Road bears N. 25° E. and S. 15° W. Desc. NW. slope.
33.30	Wash, 25 lks. wide, course E.
39.56	Road bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked ¼ in N. S 7 in W., and S 8 in E. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. From cor. house bears N. 67° W. Asc. SW. slope.
75.00	Cross low saddle, bet. hills E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked

Chains

T 22 N S 6 in NW.,  
R 19 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, 1½ ft. high,  
W. of cor.

Land, roughly rolling.

Soil, sandy, gravelly and stony; 4th. rate.

No timber.

Undergrowth, cactus, catclaw, greasewood and yucca, with  
some scrub juniper.

40.00  
80.00

N. 89° 55' E. on random line, bet. secs. 5 and 8.

Set temp. ¼ sec. cor.

Intersect N. and S. line 12 lks. N. of cor. of secs. 4, 5, 8 and  
9.

Thence I run

West, on a true line, bet. secs. 5 and 8.

Desc. over mountainous land 20 ft. to

2.25  
16.65  
23.28  
32.90  
40.00

Wash, 15 lks. wide, course S. Asc. 280 ft. to

Top of ridge; bears N 35° W. and S. 35° E. Desc. 80 ft. to

Wash, 5 lks. wide, course S. Asc. 110 ft. to

On ridge, bearing N. and S. Desc. 215 ft. to

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

¼ S 5 in N., and  
S 8 in S. half; and  
1915 in S. rim;

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

From cor. desc. 135 ft. to

49.80  
53.00  
54.00  
65.75  
80.00

Wash, 10 lks. wide, course S. 20° W.

Wash, 10 lks. wide, course S. 20° E.

Wash, 10 lks. wide, course SE. Asc. 75 ft. to

Summit of ascent, on N. slope of butte.

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

Land, mountainous.

Soil, sandy and rocky; 4th. rate.

No timber.

Undergrowth, cactus, catclaw, greasewood, yucca and  
scrubby juniper.

40.00  
80.02

N. 89° 40' W., on a random line, bet. secs. 6 and 7.

Set temp. ¼ sec. cor.

Intersect W. bdy. of Tp. 7 lks. N. of corner., of secs.  
1, 6, 7 and 12, which is a 3 in. iron post, properly  
set, mkd. and witnessed as described by the surveyor  
general. (Reestablished 1913)..

Thence I run

S. 89° 43' E., on a true line, bet. secs. 6 and 7,

over roughly rolling land, through scattering undergrowth.

5.20  
20.85  
24.00  
29.85  
40.02

Wash, 15 lks. wide, course S. 25° E.

Wash, 5 lks. wide, course SW.

Spur, 200 ft. above sec. cor., projects S. from mountain  
N. of line. Desc. 60 ft. to

Bottom of gulch; course S. Asc. 260 ft. to

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

¼ S 6 in N., and  
S 7 in S. half; and  
1915 in S. rim;

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

From cor. asc. 10 ft. to

40.90

On top of peak. Desc. 500 ft. to

Chains

64.60 Bottom of gulch, course S.20°E.  
 80.02 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling and mountainous.  
 Soil, sandy and stony; 4th. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and scrub juniper.

40.00 N.0°03'W., on a random line, bet. secs. 5 and 6.  
 85.08 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. bdy. of Tp. 5 lks. W. of reestablished cor. of secs. 5, 6, 31 and 32, hereinbefore described.  
 Thence I run  
 S.0°01'E., on a true line, bet. secs. 5 and 6.  
 over rolling mountainous land, through scattering undergrowth.  
 6.30 Wash, 15 lks. wide, course SE. Asc. on NE. slope 120 ft. to.  
 22.25 Summit of ascent, on shoulder sloping E. Desc. 80 ft. to  
 26.10 Gulch, course E. Asc. 120 ft. to  
 33.60 Top of pinnacle. Desc. S. slope 200 ft. to  
 45.08 Set an iron post,  $\frac{1}{2}$  ft. long, lin. in dia., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 6 in W., and  
 S 5 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.

63.90 From cor., line runs over rolling ground.  
 85.08 Wash, 10 lks. wide, course E.  
 The cor. of secs. 5, 6, 7 and 8.  
 Land, mountainous and rolling. Mountainous land, 45.00 chs.  
 Soil, sandy and stony, 3rd. rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and yucca.  
 Mar. 5, 1915.  
 E. O. L.

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

GENERAL DESCRIPTION

This township consists of low rolling land in the southern and eastern parts, and low, rough foot hills in northern and western. The soil is sandy and rocky, and of practically no value except in a few small areas. The township contains two settlers. Earnest Leonard is located at a spring, in section 30, and Nuttycomb, whose water supply comes from a well, in section 18. Both have small tracts of land which may be cultivated. The only vegetation is cactus, catclaw, yucca, greasewood, scrub juniper, and sage.

BOOK 3187

FOR CERTIFICATES OF UNITED STATES SURVEYOR.  
AND UNITED STATES TRANSITMAN

See Books "A" and "C"

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 accord-  
ance 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.

re-  
The foregoing field notes of the survey of the \_\_\_\_\_  
\_\_\_\_\_ North boundary, and Survey of the  
\_\_\_\_\_ Subdivision lines, all of  
\_\_\_\_\_ Township 22 North, Range 19 West,

of the Gila & Salt River Base & 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, ~~1915~~, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
resurveys and  
surveys they describe, are hereby approved.

*Frank O. 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.