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BOOK 3152

Book "T."

Subdivisions

FIELD NOTES

OF THE ^{re-}SURVEY OF THE

SOUTH AND EAST BOUNDARIES,

and

SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 24 NORTH, RANGE 18 WEST,

and

RETRACEMENT OF

PART OF EAST BOUNDARY

of

TOWNSHIP 23 NORTH, RANGE 18 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Guy H. Richardson, U.S. Surveyor,

and

Hugo Price, 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 &
Retracement *commenced* March 13, 1916

Resurvey, Survey &
Retracement *completed* April 11, 1916.

Executed under Assignment
Instructions dated Nov. 29, 1915

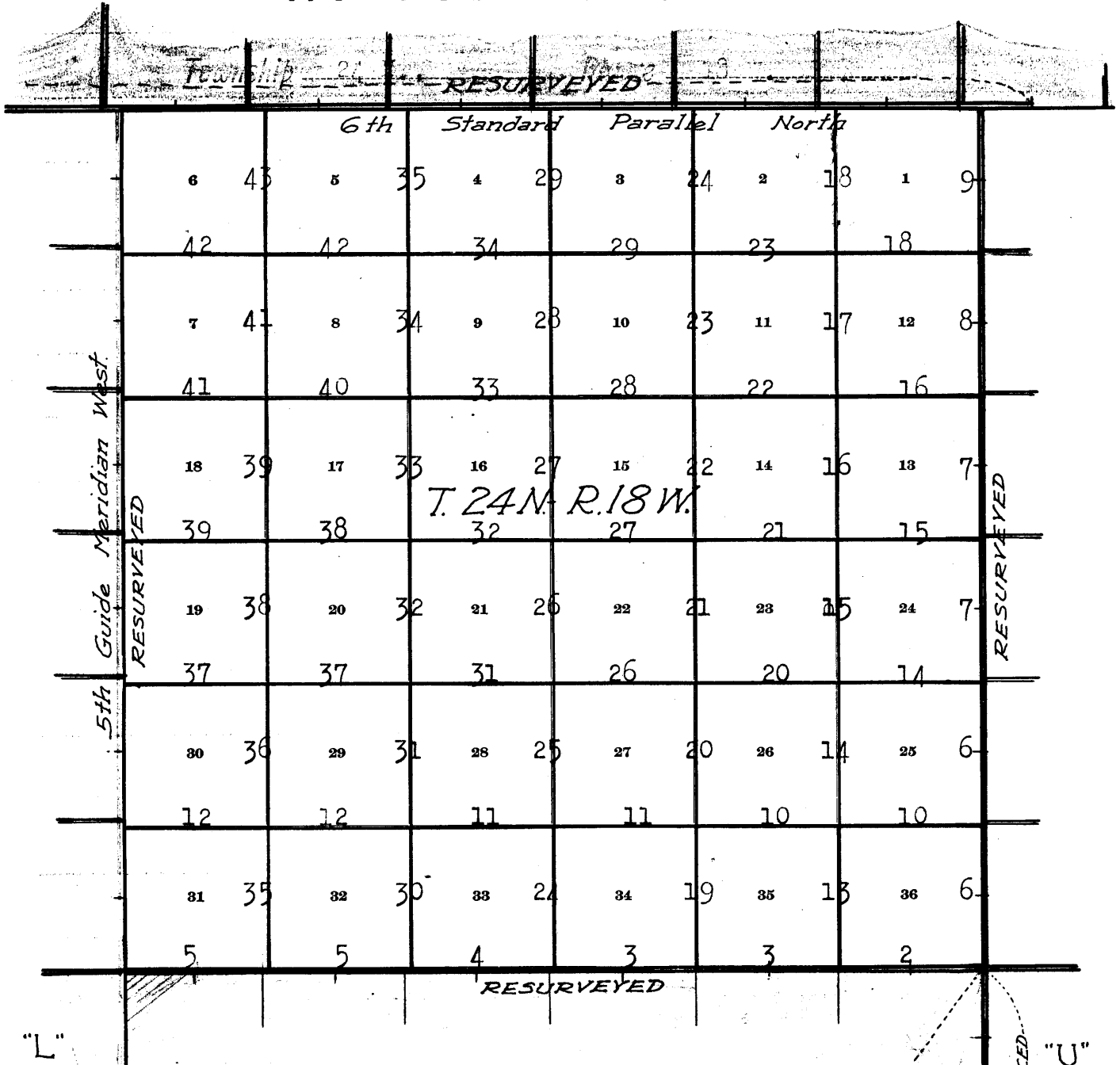
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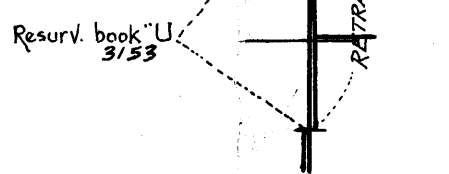
3152
Book "T"
(SUBDIVISIONS)
BOOK 3152 GROUP 44

INDEX DIAGRAM.



- Notes in this book (indexed)
- Notes in book "B" Group 44
- Notes in book "L" Group 44
- Notes in book ³¹⁵¹"S" Group 44
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- Notes in book ³¹⁵⁴"V" Group 44
- Surveyed or resurveyed under Group 45
- Area surveyed or resurr. Group 45
- Accepted surveys.

Area subdivided as per accepted plats on file.



Retracement of Portion of E. Bdy. of T. 23 N., R. 18 W.;
Retracement and Resurvey of S. and E. Boundaries
and
Subdivision of T. 24 N., R. 18 W.

18

Chains

Work commenced Mar. 13, 1916, and executed jointly by
Guy H. Richardson, U. S. Surveyor, and Hugo Price,
U. S. Transitman.

The instruments used are described, with record of appro-
val by the assistant supervisor of surveys and field
tests, in Book A.

The magnetic declination is 15°45' E.

The initials "G. H. R." and "H. P." are inserted in the
following notes at the beginning and ending of those
portions describing the surveys executed by Guy H. Rich-
ardson and Hugo Price, respectively.

G. H. R.
H. P.

Retracement of S. Bdy., T. 24 N., R. 18 W.

Preliminary to commencing the subdivision of T. 24 N.,
R. 18 W., I retrace and resurvey the South bdy. as follows:

Mar. 13, 1916.

At 8h 30m, a.m., l.m.t., I set off 35°25' on the lat. arc,
and 2°51'S. on the decl. arc; and determine a meridian
with the solar at the cor. of Ts. 23 and 24 N., Rs. 18
and 19 W., on 5th G. M. W., reestablished as described
in Book B.

Thence I run

East, on a random line, bet. secs. 31 and 6;
making search at 38.00 and 78.00 chs. for the old cors.,
which I fail to find.

119.28

Fall 46 lks. S. of old 1/4 sec. cor. bet. secs. 5 and 32,
which is a stone, 18x10x6 ins., properly marked, and set
in a mound of stone.

Therefore the true course and distance for this part of the
line is S.89°47'W., 119.28 chs.

Thence I run

East, on a random line, on S. bdy. of Tp., S. of sec. 32.
Fall 38 lks. S. of the old cor. of secs. 4, 5, 32 and 33,
which is a stone 16x10x6 ins., properly marked, set in
a mound of stone.

40.39

Therefore the true course and distance for this part of
line is S.89°27'W., 40.39 chs.

Thence I run

East, on a random line, S. of secs. 33 and 34,
making diligent search at intervals of 40.00 chs. for
old cors., and setting temp. cors.

162.84

Fall 238 lks. N. of the old cor. of secs. 2, 3, 34 and 35,
which is stone, 18x10x6 ins., properly marked, set in
a mound of stone.

Therefore the true course and distance for this part of
line is N.89°10'W., 162.86 chs.

Mar. 13, 1916.

Thence I run

(Mar. 16, 1916)

East, on a random line, S. of secs. 35 and 36,
making diligent search at intervals of 40.00 chs. for
old cors., and setting temp. cors.

160.00

Fail to find any trace of old Tp. cor., and as the lines
E. and N. are to be resurveyed, under my instructions,
destroying old cors., I retrace portion of E. bdy. of
T. 23 N., R. 18 W., to enable me to reestablish the
missing Tp. cor.

2 Retracement of Portion of E. Bdy., T. 23 N., R. 18 W.

Chains

From 160 ch. pt., above described, I run South, on a random line, bet. secs. 1 and 6, making diligent search for old cors. at intervals of 40.00 chs., and setting temp. cors.

121.15 Fall 3.23 chs. E. of the old $\frac{1}{4}$ sec. cor., of secs. 7 and 12, which is a stone, 16x8x8 ins., properly marked, set in a mound of stone.

At the intersection of a line drawn S. through pt. 160 chs. E. of cor. of secs. 2, 3, 34 and 35, with a line drawn E. through pt. 120 chs. N. of the $\frac{1}{4}$ sec. cor., of secs. 7 and 12; which gives a pt. 120 chs. N. and 160 chs. E. of the last known cors. on the E; and N. bdrs., respectively, of T. 23 N., R. 18 W., I reestablish the cor. of Ts. 23 and 24 N., Rs. 17 and 18 W., as follows:

Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground and 4 ins. in a mound of stone, with brass cap, marked

T 24 N in N. half,
T 23 N in S. half;
R 18 W S 36 in NW.,
R 17 W S 31 in NE.,
S 6 in SE., and
S 1 in SW. quadrant; and
1916 in S. rim;

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

The true course and distance for the portion of the E. bdy. of T. 23 N., R. 18 W. retraced as above described, is N.1°32'E., 120.04 chs.

The true course and distance for the portion of the S. bdy. of T. 24 N., R. 18 W., bet. secs. 2 and 35 and 1 and 36 is N.89°35'W., 160 chs.

Dependent

Resurvey of South Boundary of T. 24 N., R. 18 W.

From the cor. of Ts. 23 and 24 N., Rs. 17 and 18 W., re-established as hereinabove described, I run

N.89°35'W., bet. secs. 1 and 36, over rolling mountainous land, through dense undergrowth. Desc. 30 ft. on NW. slope to

2.55 Gulch, 10 lks. wide, with stream 4 ins. deep; course NE.; asc. 410 ft. to

18.50 Ridge, summit of Cerbat Mountains, bears N. and S.; desc.

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

$\frac{1}{4}$ in W.,
S 36 in N., and
S 1 in S. half; and
1916 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.

50.60 Gulch, 570 ft. below ridge, 10 lks. wide, on the bottom, course N.70°W.; Asc.

53.30 Road bears NW. and SE.

60.50 Enter scattering growth of timber.

70.50 Leave same; bears E. and W.

76.90 Spur, 140 ft. above gulch; course NW.; desc. 155 ft. to

80.00 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, on solid rock, for reestablished cor. of secs. 1, 2, 35 and 36, with brass cap, marked

Resurvey of South Boundary, T. 24 N., R. 18 W.

Chains

T 24 N S 35 in NW.,
R 18 W S 36 in NE.,
S 1 in SE., and
S 2 in SW. quadrant;
T 23 N in S. half; and
1916 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, rolling mountainous.
Soil, rocky; 4th rate.
Timber, piñon.
Undergrowth, scrub-oak, catclaw, buck-brush and scrub
cedar.

N. 89° 35' W., bet. secs. 35 and 2,
over rolling mountainous land, through dense undergrowth.
Descend.

- 27.10 Road bears NW. and SE.
- 29.70 2 in. pipe line bears NE. and SW.
- 32.00 Road bears NW. and SE.
- 32.35 Ravine, 710 ft. below sec. cor., course SW.; asc. 20 ft. to
- 34.00 Road bears NE. and SW.; desc.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone,
for ¼ sec. cor., with brass cap, marked

¼ in W.,
S 35 in N., and
S 2 in S. half; and
1916 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.

- 43.62 Road bears SW. and SE.; at bend.
- 55.50 Leave dense undergrowth; bears N. and S.
- 60.50 Road bears SE.
- 63.75 Road bears N. and S.; crosses E. and W. road about 10 lks.
N. of line.
- 65.50 Ravine, 290 ft. below 34 ch. pt.; course NW.
- 66.65 Road bears SW. and E.; desc.
- 78.44 3 in. pipe line bears NE. and SW.

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

T 24 N S 34 in NW.,
R 18 W S 35 in NE.,
S 2 in SE., and
S 3 in SW. quadrant;
T 23 N in S. half; and
1916 in S. rim;

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Cor. is 260 ft. below 66.65 ch. pt.

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

Mar. 16, 1916.

Mar. 13, 1916.
N. 89° 10' W., bet. secs. 3 and 34,
over mountainous land, through scattering undergrowth.

As a sectional correction line will be necessary in the

Chains

subdivision of this township, and as closing cors pertaining to same will be necessary on the remainder of this line, I reestablish all cors. for that portion of the line for the area S. of same only.

4.00 Corral and barn on line.

6.50 Wash 100 lks. wide, course SW.

7.66 Intersect E. side line, Schuylkill Mill Site 3.00 chs. N4°30'W. of cor. N^o 1.

9.25- A Wash, 60 lks. wide, course S.; asc. SE. slope.

10.00 Road bears N. and S.

12.90 Telephone line bears N. and S.

13.00 Road bears N. and S.

16.75 Shaft and engine house on Schuylkill mining claim, (Lot No. 38), bears N., 4 chs. dist.

17.32 Intersect W. side line of said claim, 4.08 chs. N4°30'W. of cor. N^o 3.

21.60 Spur, 250 ft. above wash at 9.25 ch. Slopes S. Desc. SW. slope.

40.71½ Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on solid rock, for reestablished ¼ sec. cor. pertaining to sec. 3, with brass cap, marked
¼ S 3 in S. half, and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Impracticable to dig pits or set cor. in the ground.

42.80 Ft. of slope, 320 ft. below spur. Thence over rolling land.

67.10 Road bears N. and S.

72.90 Wash, 150 lks. wide, course SW.

77.90 Wash, 100 lks. wide, course S.

81.43 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, on solid rock, for reestablished cor. of secs. 3 and 4, with brass cap, marked
S 4 T 23 N in SW.,
S 3 R 18 W in SE. quadrant; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Impracticable to dig pits or set cor. in the ground.

Land, mountainous in E. 42.80 chs., and rolling in W. part. Soil, rocky and gravelly; 3rd and 4th rate. No timber. Undergrowth, greasewood, cactus, catclaw and scrub-oak.

N. 89°10'W. on N. bdy. of sec. 4,
over rolling mountainous land, through scattering undergrowth.

9.30 Road bears NW. and SE.

11.80 Asc. 60 ft. on SE. slope to

19.50 Short spur extends S.; desc. 160 ft. on SW. slope to

28.70 Ft. of slope. Road bears NE. and S.;

31.40 Wash, 50 lks. wide, course S.

40.71½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor., with brass cap, marked
¼ S 4 in S. half, and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

51.40 Point of spur extends S.

61.40 Leave mountainous land and enter rolling prairie; bears N. and S.

72.05 Wash, 20 lks. wide, course S.

81.43 The old cor. of secs. 4, 5, 32 and 33, hereinbefore described, which I reestablish as a cor. of two secs. pertaining to the area S. of line, as follows:

Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, on a base of solid rock, with brass cap, marked
S 5 T 23 N in SW.,
and S 4 R 18 W in SE. quadrant; and
1916 in S. rim;

Resurvey of South Boundary, T. 24 N., R. 18 W.

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

Land, rolling mountainous in E. 61.40 chs., and rolling prairie in W. part.

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

No timber.

Undergrowth, greasewood and cactus.

S. 89° 27' W. on N. bdy. of sec. 5.

over rolling prairie, through scattering undergrowth.

10.40 Road bears NW. and SE.

23.70 Wash, 100 lks. wide, course S.

40.39 The old 1/4 sec. cor., hereinbefore described; which I re-establish as a cor. of two quarters of one sec., pertaining to the area S. of line, as follows:

Set an iron post (with original cor.), 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked

1/4 S 5 in S. half, and 1916 in S. rim;

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

Thence I run

S. 89° 47' W., bet. W. halves of secs. 5 and 32,

7.35 Wash, 100 lks. wide, course SW.

35.45 Wash, 50 lks. wide, course S.

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

S 6 T 23 N in SW., and S 5 R 18 W in SE. quadrant; and 1916 in S. rim;

dig pits, 24x24x12 ins. SE. & SW. of post, 6 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, rolling.

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

No timber.

Undergrowth, greasewood and cactus.

S. 89° 47' W. on N. bdy. of sec. 6.

over rolling prairie, through scattering undergrowth.

6.07 Wash, 50 lks. wide, course S.

30.00 Leave prairie and enter rolling mountainous land. Asc. gradually along S. slope.

40.43 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished 1/4 sec. cor., pertaining to sec. 6, with brass cap, marked

1/4 S 6 in S. half, and 1916 in S. rim;

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

48.30 Summit of ascent, 125 ft. above prairie, on spur extending SW.

55.30 Desc. 370 ft. on SW. slope to

78.84 The reestablished cor. of Ts. 23 and 24 N., Rs. 18 and 19 W., described in Book B.

Land, rolling in E. 30 chs., and rolling mountainous in W. part.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, cactus and catclaw.

6 Independent Resurvey of East Boundary, T. 24 N., R. 18 W.

Chains

G. H. R.
Mar. 25, 1916.
From the reestablished cor. of Ts. 23 and 24 N., Rs. 17 and 18 W., hereinbefore described, I run, as per instructions,

North, bet. secs. 31 and 36,
over rolling mountainous land, through dense undergrowth.
Desc. 125 ft. to
6.90 Ravine, 10 lks. wide, on bottom, course NE.
Asc. 380 ft. on SE. slope to
30.60 Spur extends E.; desc. 290 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone,
on solid rock, for reestablished $\frac{1}{4}$ sec. cor., with brass
cap, marked
 $\frac{1}{4}$ in N.,
S 31 in E., and
S 36 in W. half; and
1916 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.
Continue descent on broken NE. slope.
68.00 Gulch, 70 ft. below $\frac{1}{4}$ sec. cor., course E.; asc. 80 ft. on
SE. slope to
72.85 Low spur, extending E.; desc. NE. slope 70 ft. to
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for reestablished cor. of secs. 25, 30, 31 and 36,
with brass cap, marked
T 24 N in N. half,
R 18 W S 25 in NW.,
R 17 W S 30 in NE.,
S 31 in SE., and
S 36 in SW. quadrant; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
Cor is in gulch, course E.
Land, rolling mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, manzanita and juniper.

North, bet. secs. 25 and 30,
over rolling mountainous land, through dense undergrowth.
Asc. 410 ft. on SE. slope to
16.70 Spur extends E.; thence along broken E. slope.
30.00 Desc. on NE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap,
marked
 $\frac{1}{4}$ in N.,
S 25 in W., and
S 30 in E. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
At this cor. I set off $1^{\circ}55\frac{1}{2}'$ N. on the decl. arc, and at
apparent noon, observe the sun on the meridian. The re-
sulting lat. is $35^{\circ}26\frac{1}{2}'$.

49.70 Ravine, 560 ft. below 30 ch. pt., course E.; asc. SE. slope
95 ft. to
70.15 Spur extends E.; desc. 310 ft. on NE. slope to
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for reestablished cor. of secs. 19, 24, 25 and 30,
with brass cap, marked
T 24 N in N. half,
R 18 W S 24 in NW.,

Resurvey of East Boundary, T. 24 N., R. 18 W.

Chains	
	<p>R 17 W S 19 in NE., S 30 in SE., and S 25 in SW. quadrant; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub-oak, juniper, buck-brush, manzanita and bear grass.</p>

	<p>Mar. 30, 1916. At 9h 30m, a.m., l.m.t., I set off 35°27' on the lat. arc, and 3°50½' N. on the decl. arc; and determine a meridian with the solar, at the reestablished cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp.</p> <p>Thence I run North, bet. secs. 19 and 24, over rolling mountainous land, through dense undergrowth. Desc. 525 ft. on NE. slope to 15.45 Gulch, course E.; stream, 10 ins. deep, in bottom. Asc. 282 ft. on SE. slope to 37.70 Spur extends E.; desc. on NE. slope. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor., with brass cap, marked ¼ in N., S 19 in E., and S 24 in W. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>47.15 Gulch, course SE.; stream, 30 ins. deep, in bottom. Asc. 865 ft. on S. slope to 80.00 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. 13, 18, 19 and 24, with brass cap, marked T 24 N in N. half, R 18 W S 13 in NW., R 17 W S 18 in NE., S 19 in SE., and S 24 in SW. quadrant; and 1916 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. fat- ther in the ground.</p> <p>Land, rolling mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub-oak, mountain ash, buck-brush, manzan- ita, juniper and bear grass.</p>

	<p>North, bet. secs. 13 and 18, over mountainous land, through dense undergrowth. Asc. 30. ft. on S. slope to 2.75 Spur extends E.; desc. 165 ft. on NE. slope to 13.50 Gulch, course E. stream, 3 ins. deep, in bottom. Asc. 155 ft. on SE. slope to 26.00 Spur extends E.; desc. NE. slope. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground and 11 ins. in a mound of stone, for reestablished ¼ sec. cor., with brass cap, marked</p>

Chains

$\frac{1}{4}$ in N.,
 S 13 in W., and
 S 18 in E. half; and
 1916 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.
 Continue descent.
 80.00 1065 ft. below spur at 26 ch. pt.,
 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. 7, 12, 13 and 18, with brass cap, marked
 T 24 N in N. half,
 R 18 W S 12 in NW.,
 R 17 W S 7 in NE.,
 S 18 in SE., and
 S 13 in SW. quadrant; and
 1916 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, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
 mountain ash and bear grass.
 Mar 30, 1916.

 Mar. 31, 1916.
 At 9h 00m, a.m., l.m.t., I set off $35^{\circ}28\frac{1}{2}'$ on the lat. arc,
 and $4^{\circ}13\frac{1}{2}'$ N. on the decl. arc, and determine a meridian
 with the solar at the reestablished cor. of secs.
 7, 12, 13 and 18, on E. bdy. of Tp.

 Thence I run
 North, bet. secs. 7 and 12,
 over rolling mountainous land, through dense undergrowth.
 Desc. 110 ft. on NE. slope to
 18.30 Gulch, 30 lks. wide, on the bottom, course E.; Stream,
 30 ins. deep, in bottom.; asc. 235 ft. on SE. slope to
 29.50 Spur extends E.; desc. NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground and 10 ins. in a mound of stone, for reestablished
 $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 7 in E., and
 S 12 in W. half; and
 1916 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.
 44.90 Gulch, 420 ft. below spur, 20 lks. wide on the bottom,
 course E.; stream 8 lks. wide, course E., in bottom.
 Asc. 140 ft. on SE. slope to
 54.60 Short spur extends SE.; asc. gradually on broken E. slope.
 60.40 Gulch, course SE.; asc. 320 ft. on S. slope to
 72.10 Spur extends SE.; asc. gradually along broken E. slope,
 70 ft. to
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the
 ground and 14 ins. in a mound of stone, for reestablished
 cor. of secs. 1, 6, 7 and 12, with brass cap, marked
 T 24 N in N. half,
 R 18 W S 1 in NW.,
 R 17 W S 6 in NE.,
 S 7 in SE., and
 S 12 in SW. quadrant; and
 1916 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.

Chains

Land, rolling mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
piñon, ash and bear-grass.

North, bet. secs. 1 and 6,
over mountainous land, through dense undergrowth.
Along E. slope.

6.00 Head of gulch, course SE.; asc. 290 ft. on S. slope to
14.00 Slope changes ; asc. 135 ft. on SE. slope to
19.65 Spur extends E.; desc. NE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap,
marked
 $\frac{1}{4}$ in N.,
S 1 in W., and
S 6 in E. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

64.45 Continue descent.
Intersect 6th St. Par. N., 10.50 chs. E. of the standard
cor. of Ts. 25 N., Rs. 17 and 18 W., reestablished under
current Group No. 45; which is an iron post, 3 ins. diam.,
with brass cap, properly marked, set and witnessed.

At point of intersection
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for reestablished closing cor. of Ts. 24 N., Rs.
17 and 18 W., with brass cap, marked
T 25 N R 17 W S 31 in N. half,
T 24 N CC in S. half;
S 1 R 18 W in SW., and
S 6 R 17 W in SE. quadrant; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

No trace of old cors. found throughout this township.

Land, rolling mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, buck-brush, manzanita, juniper, piñon, and
bear-grass.

Mar. 31, 1916.
G. H. R.

Chains

SECTIONAL CORRECTION LINE.

G. H. R.

Mar. 24, 1916.

From the reestablished cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., hereinbefore described, I run, on sectional correction line,

- West, bet. secs. 25 and 36, over mountainous land, through dense undergrowth. Asc. 640 ft. on NE. slope to
- 27.50 Ridge, summit of the Cerbat mountains, bears N. and S. Descend.
- 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 W., S 25 in N., and S 36 in S. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 54.65 Head of draw, 200 ft. below ridge, course SW.; asc. 70 ft. on E. slope to
- 69.60 Spur extends SW.; desc. 300 ft. on W. slope 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 24 N S 26 in NW.,
R 18 W S 25 in NE.,
S 36 in SE., and
S 35 in SW. quadrant; and
1916 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.

Undergrowth, scrub-oak, manzanita, juniper and piñon.

At this cor., I set off $1^{\circ}29\frac{1}{2}'$ N. on the decl. arc, and $35^{\circ}26'$ on the lat. arc; and at 9h 00m, a.m., l.m.t., determine a meridian with the solar. Mar. 24, 1916.

Mar. 22, 1916.

- West, on sectional correction line, bet. secs. 26 and 35, over mountainous land, through dense undergrowth. Desc. on W. slope.
- 23.70 Leave dense undergrowth.
- 34.20 Gulch, 920 ft. below sec. cor., 10 lks. wide, course S. Stream, 10 ins. deep, in bottom; asc. E. slope,
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on solid rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in W., S 26 in N., and S 35 in S. half; and 1916 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.
- 42.45 Spur, 100 ft. above gulch, extends SW.; desc. 330 ft. on W. slope to
- 58.75 Ravine, 30 lks. wide, course S.; asc. 150 ft. on SE. slope to
- 75.10 Spur, slopes S.; desc. 60 ft. on SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and 4 ins. in a mound of stone, for cor. of secs. 26, 27, 34 and 35, with brass cap, marked

T 24 N S 27 in NW.,
R 18 W S 26 in NE.,
S 35 in SE., and
S 34 in SW. quadrant; and
1916 in S. rim;

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

Subdivision of T. 24 N., R. 18 W.

Chains

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, piñon and manzanita.

West, on sectional correction line, bet. secs. 27 and 34, over rolling mountainous land, through scattering undergrowth.

Desc. on SW. slope.

- 8.27 Intersect line 2-3, survey No. 910, Empire No. 2 Lode, 9 lks. N.47°10'E., from cor. No. 3.
- 8.34 Intersect line 3-4, survey No. 910, Empire No. 2 Lode, 8 lks. N.42°10'W. from cor. No. 3.
- 10.40 Road, running N. to Empire mine and S. to Chloride.
- 11.20 Wash, 240 ft. below sec. cor., 50 lks. wide, course S.; asc. broken NE. slope.
- 13.70 Empire shaft bears N., about 9¼ chs. dist.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, and 10 ins. in a mound of stone, for ¼ sec. cor. with brass cap, marked
¼ in W.,
S 27 in N., and
S 34 in S. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to set cor. farther in the ground.
- 72.60 Spur, 500 ft. above wash at 11.20 ch. pt., extends SE.; desc. 290 ft. on SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on solid rock, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked
T 24 N S 28 in NW.,
R 18 W S 27 in NE.,
S 34 in SE., and
S 33 in SW. quadrant; and
1916 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, juniper, cactus, greasewood and scrub-oak.

At this cor., I set off 0°41½'N. on the decl. arc, and 35°26' on the lat. arc; and, at 8h 00m., a.m., l.m.t., determine a meridian with the solar.

Mar. 22, 1916.

Mar. 20, 1916.

West, on sectional correction line, bet. secs. 28 and 33, over rolling mountainous land, through scattering undergrowth.

desc. 250 ft. to

- 10.85 Ravine, 15 lks. wide, on bottom, course S.; asc. 80 ft. to
- 23.15 Spur extends S.; desc. 120 ft. to
- 30.53 Head of draw, course S.; asc. 125 ft. to
- 37.15 Spur extends S.; desc.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground and 10 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked
¼ in W.,
S 28 in N., and
S 33 in S. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1½ ft. high,

Chains

N. of cor. Impracticable to set cor. farther in the ground.

55.30 Ravine, 210 ft. below spur, course S.; asc. 80 ft. on SE. slope to

75.20 Spur extends S.; desc. 85 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground and 8 ins. in a mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap, marked

T 24 N S 29 in NW.,
R 18 W S 28 in NE.,
S 33 in SE., and
S 32 in SW. quadrant; and
1916 in S. rim;

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

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

West, on sectional correction line, bet. secs. 29 and 32, over rolling mountainous land, through scattering undergrowth.

Desc. 190 ft. to

30.10 Draw, 20 lks. wide, course S.; asc.

30.70 Road bears N. and S.

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

1/4 in W.,
S 29 in N., and
S 32 in S. half; and
1916 in S. rim;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Impracticable to set cor. in ground.

At this cor., I set off 0°02 1/2' S. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 35°26'.

50.00 Spur, 85 ft. above draw at 30.10 ch. pt., extends SW.; desc. 200 ft. to

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

T 24 N S 30 in NW.,
R. 18 W S 29 in NE.,
S 32 in SE., and
S 31 in SW. quadrant; and
1916 in S. rim;

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

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

West, on sectional correction line, bet. secs. 30 and 31, over rolling mountainous land, through scattering undergrowth.

11.65 Wash, 100 lks. wide, course NW.

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

Subdivision of T. 24 N., R. 18 W.

Chains	
	<p>$\frac{1}{4}$ in W., S 30 in N., and S 31 in S. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set cor. farther in ground.</p>
62.65	Cor. of settler's house, 14x28 ft., in S. and E. dimensions, respectively, bears N., 170 lks. dist.
65.50	Wash, 4 chs. wide, course SW.
83.00	Intersect W. bdy. of Tp., 2.70 chs. S. of the reestablished cor. of secs. 25, 30, 31 and 36, on 5th G. M. W., described in Book B.
	<p>At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap, marked CC in E. half, T 24 N S 36 R 19 W in W. half; T 24 N S 30 in NE., and R 18 W S 31 in SE. quadrant; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p> <p>Land, rolling mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, cactus and scrub-cedar.</p> <p>At this cor., I set off 35°26' on the lat arc, and 0°05' S. on the decl. arc; and at 9h 00m, a.m., l.m.t., determine a meridian with the solar.</p> <p>I change the cor. of secs. 25, 30, 31 and 36, and the $\frac{1}{4}$ sec. cors. bet. secs. 31 and 36 and bet. secs. 25 and 30, to cors. pertaining solely to the area W. of the Tp. bdy. Mar. 20, 1916. G.H.R.</p> <hr/> <p>H. P. Mar. 25, 1916 From cor. of secs. 25, 26, 35 and 36, S. 0°01' E., on a random line, bet. secs 35 and 36.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.19	Intersect S. bdy. of Tp., 10 lks. E. of the reestablished cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	<p>At this cor. I set off 35°25' on the lat arc, and 1°52' N. on the decl. arc; and at 8h 30m, a.m., l.m.t., determine a meridian with the solar.</p> <p>Thence I run N. 0°03' E., on a true line, bet. secs. 35 and 36, over mountainous land, through dense undergrowth. Desc. N. slope.</p>
1.70	Road bears E. and W.
9.06	Ravine, 10 lks. wide on bottom, 440 ft. below sec. cor., course W.; asc. 250 ft. on broken SW. slope to
11.70	Top of spur extending W.
37.00	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
39.19	<p>$\frac{1}{4}$ in N., S 35 in W., and S 36 in E. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in the ground. Asc. 240 ft. to</p>
50.85	Summit; desc.
55.10	Ravine, 10 lks. wide, on bottom, course W.; asc. 680 ft. to
76.50	Top of spur extending W.
79.19	The cor. of secs. 25, 26, 35 and 36.

14

Subdivision of T. 24 N., R. 18 W.

Chains

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, juniper, catclaw and scrub pine.

N.0°01'W., bet. secs. 25 and 26,
 over mountainous land, through dense undergrowth.
 Descend 320 ft. along broken NW. slope to
 24.25 Head of ravine, course SW.; asc. 290 ft. to
 37.70 Top of spur extending SW.; desc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground and 12 ins. in a mound of stone, 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
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.
 49.20 Head of ravine, 240 ft. below spur, course W.; asc. 490
 ft. to
 77.20 Top of main ridge bears NW. and SE.; desc. 80 ft. on NE.
 slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
 ground and 8 ins. in a mound of stone, for cor. of secs.
 23, 24, 25 and 26, with brass cap, marked
 T 24 N S 23 in NW.,
 R 18 W S 24 in NE.,
 S 25 in SE., and
 S 26 in SW. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, juniper, manzanita
 and scrub pine.

40.00 East, on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor. H. P.
 G. H. R.
 80.10 Intersect E. bdy. of Tp., 16 lks. S. of the reestablished
 cor. of secs. 19, 24, 25 and 30, hereinbefore described.
 Thence I run
 S.89°53' W., on a true line, bet. secs. 24 and 25,
 over mountainous land, through dense undergrowth.
 Asc. 100 ft. to
 10.55 Spur extends N.; desc. 200 ft. on NW. slope to
 21.50 Head of draw, course NE.; asc. 500 ft on NE. slope to
 40.05 On spur sloping N.,
 Set an iron post, 3 ft, long, 1 in. diam., 18 ins. in the
 ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked
 $\frac{1}{4}$ in W.,
 S 24 in N., and
 S 25 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor; farther in the
 ground. G. H. R.

Subdivision of T. 24 N., R. 18 W.

chains

47.00 H. P.
 80.10 Desc. 90 ft. to
 Ft. of descent.; asc. 600 ft. on NE. slope to
 The cor. of secs. 23, 24, 25 and 26.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub pine, cedar, manzanita, scrub-oak
 and buck-brush.

Mar. 25, 1916.

Mar. 30, 1916.
 At 9h 30m, a.m., l.m.t., I set off 35°27' on the lat. arc,
 and 3°50½' N. on the decl. arc; and determine a meridian
 with the solar at the cor. of secs. 23, 24, 25 and 26.

Thence I run
 N.0°01'W., bet. secs. 23 and 24,
 over mountainous land, through dense undergrowth.
 desc. 60 ft. to

5.00 Thence asc. 240 ft. to
 24.40 Top of spur extending E.; desc. N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., with brass cap, marked
 ¼ in N.,
 S 23 in W., and
 S 24 in E. half; and
 1916 in S. rim;

44.40 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Ravine, 7 lks. wide on the bottom, 450 ft. below spur, course
 E.; running water in same.

73.20 Asc. S. slope 706 ft. to
 80.00 Summit; desc. 90 ft. to
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 13, 14, 23 and 24, with brass
 cap, marked

T 24 N S 14 in NW.,
 R 18 W S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrant; and
 1916 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, scrub-oak, buck-brush, manzanita, juniper,
 and scrub pine.

At this cor. I set off 3°53' N. on the decl. arc, and at
 apparent noon, observe the sun on the meridian. The re-
 sulting lat. is 35°25½'.

Mar. 30, 1916.

40.00 East, on a random line, bet. secs. 13 and 24.
 79.92 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp., 21 lks. S. of the reestablished
 cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence I run
 S.89°51'W., on a true line, bet. secs. 13 and 24,
 over mountainous land, through dense undergrowth.
 Desc, 75 ft. to

Chains

6.00 Thence asc. along broken SE. slope.
 39.96 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 W.,
 S 13 in N., and
 S 24 in S. half; and
 1916 in S. rim;
 abd raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 79.92 The cor. of secs. 13, 14, 23 and 24, 870 ft. above 6.00 ch. pt.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrum-oak; buckbrush, manzanits, scrub pine and catclaw.

Mar. 30, 1916.

Mar. 31, 1916.

At 9h 00m, a.m., l.m.t., I set off $35^{\circ}27\frac{1}{2}'$ on the lat. arc, and $4^{\circ}13\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24.

Thence I run N. $0^{\circ}01'$ W., bet. secs. 13 and 14, over mountainous land, through dense undergrowth. Asc. 20 ft. to

4.40 Top of spur extending E.; desc. broken N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 10 ins. in a mound of stone, 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
 1916 in S. rim;

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

59.50 Ravine, 10 lks. wide, on bottom, 1390 ft. below spur at 4.40 ch. pt., course NE.

65.00 End of spur from SW.; desc. 140 ft, to

77.25 Ravine, 30 lks. wide, course NE.; asc. 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground and 10 ins. in a mound of stone, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked

T 24 N S 11 in NW.,
 R 18 W S 12 in NE.,
 S 13 in SE., and
 S 14 in SW. quadrant; and
 1916 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.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper and scrub-pine.

At the cor. of secs. 11, 12, 13 and 14, I set off $4^{\circ}16'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $35^{\circ}28\frac{1}{2}'$.

Thence I run East, on a random line, bet. secs. 12 and 13.

Subdivision of T. 24 N. R. 18 W.

Chains

40.00 Set temp. 1/4 sec. cor.
79.92 Intersect E. bdy. of Tp., 28 lks. S. of the cor. of secs. 7, 12, 13 and 18, reestablished as hereinbefore described.

Thence I run S.89°48'W., on a true line, bet. secs. 12 and 13, over mountainous land, through dense undergrowth. Asc. gradually, 240 ft. to

39.96 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for 1/4 sec. cor., with brass cap, marked 1/4 in W., S 12 in N., and S 13 in S. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Impracticable to set cor. farther in the ground.

55.00 Ravine, 15 lks. wide on bottom, course NE.; asc. 110 ft. on broken slope to

70.00 Summit of ascent.

78.20 Ravine, 30 lks. wide on bottom, course N.; asc. to

79.92 The cor. of secs. 11, 12, 13 and 14.

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, juniper, catclaw and scrub pine.
Mar. 31, 1916.

Apr. 5, 1916.
At 9h 00m, a.m., l.m.t., I set off 35°28 1/2' on the lat. arc, and 6°08 1/2' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14.

Thence I run N.0°01'W., bet. secs. 11 and 12, over mountainous land, through dense undergrowth. Asc. 30nft. on SE. slope to

8.20 Top of spur extending E.; desc. 30 ft. on NE. slope to
12.10 Ravine, course SE.; running water in bottom.

Asc. 170 ft. on SE. slope to
27.80 Summit; desc. 45 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked 1/4 in N., S 11 in W., and S 12 in E. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Asc. 180 ft. to
48.60 Summit; desc. 40 ft. to

54.50 Asc. 125 ft. to

59.65 Top of spur extending SE.; desc. 260 ft. on N. slope to
70.80 Ravine, course SE.; running water in bottom; asc. 215 ft. on S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked T 24 N S 2 in NW., R 18 W S 1 in NE., S 12 in SE., and S 11 in SW. quadrant; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to set cor. farther in the ground.

Chains

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, manzanita, catclaw, juniper and scrub pine.

Apr. 5, 1916.
H. P.

G. H. R.

May 13, 1916.

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

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

80.10 Intersect E. bdy. of Tp., 37 lks. S. of the reestablished cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence I run

S. $89^{\circ}44'$ W., on a true line, bet. secs. 1 and 12, over mountainous land, through dense undergrowth.

Asc. 70 ft. to

2.70 Rocky spur extending SE.; thence along broken S. slope.

19.50 Draw, 80 ft. below spur, course SE.; asc. broken NE. slope.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ in W.,

S 1 in N., and

S 12 in S. half; and

1916 in S. rim;

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

57.00 Spur, 860 ft. above draw at 19.50 ch. pt., extending SE.

Desc. 230 ft. along broken SW. slope to

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, buck-brush, manzanita and catclaw.

May 13, 1916.

G. H. R.

H. P.

Apr. 5, 1916.

At the cor. of secs. 1, 2, 11 and 12, I set off $6^{\circ}11'$ N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is $35^{\circ}29\frac{1}{2}'$.

Thence I run

N. $0^{\circ}01'$ W., on a true line, bet. secs. 1 and 2, over mountainous land, through dense undergrowth.

Asc. 600 ft. on S. slope to

12.60 Top of spur extending E.; desc.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, 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

1916 in S. rim;

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

58.60 Wash, 40 lks. wide, 900 ft. below spur at 12.60 ch. pt., course E.; asc. 60 ft. on SE. slope to

61.60 Thence desc. 20 ft. to

64.55 Intersect 6th St. Par. N., 10.38 chs. E. of standard cor. of secs. 35 and 36, reestablished under current group No. 45; which is a granite stone, 22x14x6 ins., properly marked, set and witnessed.

Chains

At point of intersection
Set an iron post, 3 ft. long, 2 ins., diam., in a mound of stone, for closing cor. of secs. land 2, with brass cap, marked

T 25 N R 18 W S 36 in N. half,
CC in S. half;
S 2 T 24 N in SW., and
S 1 R 18 W in SE. quadrant; and
1916 in S. rim;

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

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, scrub pine, manzanita and other growth.
Apr. 5, 1916.
H. P.

G. H. R.
Mar. 29, 1916.
At 8h 00m, a.m., l.m.t., I set off 35°26' on the lat. arc, and 3°26' N. on the decl. arc; and determine a meridian with the solar at the cor; of secs. 26, 27, 34 and 35.

Thence I run
S.0°01'E., on a random line, bet. secs. 34 and 35.
40.00 Set temp. 1/4 sec. cor.
78.75 Intersect S. bdy. of Tp. at the reestablished cor. of secs. 2, 3, 34 and 35, hereinbefore described.

From this cor., the NE. cor. of Schuylkill Mill Site, Lot No. 38, bears N.55°06'W., 9.82 chs. dist.

N.0°01'W., on a true line, bet. secs. 34 and 35, over rolling mountainous land, through dense undergrowth. Desc. 70 ft. on W. slope to

4.15 Ft. of descent; asc. along wash.

4.46 Intersect S. bdy. of Lot No. 37, Shenectady Lode, 3.07 chs. S.78°30'W. of the SE. cor.

9.10 Cross wash, 100 lks. wide, course SW.; asc. 90 ft. on S. slope to

17.00 Point of spur extending SE.; desc. E. slope.

19.88 Intersect E. bdy. of Lot No. 37, Shenectady Lode, 4 lks. S.11°30'E. of the NE. cor.

19.92 Intersect line 1-2, Survey No 2204, Schuylkill Extension Lode, 2.27 chs. S.78°30'W. of cor. No. 1.

23.85 Wash, 2 chs. wide, 65 ft. below point of spur, course SE. Asc. 85 ft. to

30.75 Summit of ascent.

36.30 Wash, 30 lks. wide, course W.

38.19 Intersect E. bdy. line 4-1, of survey No. 2204, Schuylkill Extension Lode, 17.96 chs. N.7°08'W. of cor. No. 1.

38.75 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 34 in W., and
S 35 in E. half; and
1916 in S. rim;

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

54.05 Wash, 60 lks. wide, course S.25°W. Asc. SW. slope.

63.25 Mine shaft, 6x8x10 ft.

78.75 The cor. of secs. 26, 27, 34 and 35, 195 ft. above wash.

Land, rolling mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, juniper, cactus and manzanita.

Chains

N.0°01'W., bet. secs. 26 and 27,
 over rolling mountainous land, through dense undergrowth.
 Asc. 160 ft. along broken SW. slope to

16.90 Spur slopes W.
 17.60 Desc. 150 ft. on NW. slope to
 31.65 Draw, course SW.; asc. 150 ft. on S. slope to
 39.26 Spur slopes SW.; desc. NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 26 in E., and
 S 27 in W. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

44.08 Draw, 30 ft. below spur, course S.20°W.; asc. 400 ft. on
 S. slope to

64.00 Spur slopes SW.; desc. 150 ft. on NW. slope to
 68.10 Ravine, course W.; asc. 75 ft. on SW. slope to
 75.50 Spur slopes W.; desc. 80 ft. on N. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
 ground and 8 ins. in a mound of stone, for cor. of secs.
 22, 23, 26 and 27, with brass cap, marked
 T 24 N S 22 in NW.,
 R 18 W S 23 in NE.,
 S 26 in SE., and
 S 27 in SW. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

Land, rolling mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush and juniper.

East, on a random line, bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 23, 24, 25 and 26.

Thence I run
 S.89°59'W., on a true line, bet. secs. 23 and 26,
 Over rolling mountainous land, through dense undergrowth to

1.40 Ridge, NW. and SE. Cerbat Mts.; descend 630 ft. on W. slope.
 21.50 Head of draw, course SW.; asc. 160 ft. to
 32.40 Spurextends SW.; desc. W. slope.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground and 18 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor.,
 with brass cap, marked
 $\frac{1}{4}$ in W.,
 S 23 in N., and
 S 26 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in the
 ground.

68.35 Ravine, 470 ft. below spur at 32.40 ; course NW.; thence
 on broken N. alope.
 80.04 The cor. of secs. 22, 23, 26 and 27.

Land, rolling mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper
 and piñon.
 Mar. 29, 1916.

Chains

Apr. 3, 1916.
 N.0°01'W., bet. secs. 22 and 23,
 over mountainous land, through dense undergrowth.
 Desc. 110 ft. on N. slope to
 7.30 Gulch, course SW.; stream, 25 ins. deep, in bottom.
 Asc. 330 ft. on S. slope to
 31.90 Ridge bears NE. and W.; desc. gradually, on NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground and 12 ins. in a mound of stone, 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
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. in the ground.
 64.70 Gulch, 4 lks. wide, course N.75°W.; 160 ft. below ridge
 at 31.90 ch. pt.
 Asc. 75 ft. on SE. slope to
 76.10 Short spur slopes W.; desc. 100 ft. on NW. slope 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 24 N S 15 in NW.,
 R 18 W S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quadrant; and
 1916 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; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
 catclaw and bear-grass.

Apr. 3, 1916.

Apr. 5, 1916.
 At 9h 00m, a.m., l.m.t., I set off $35^{\circ}27\frac{1}{2}'$ on the lat. arc,
 and $5^{\circ}45\frac{1}{2}'$ N. on the decl. arc; and determine a meridian
 with the solar at the cor. of secs. 14, 15, 22 and 23.

Thence I run
 East, on a random line, bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line 10 lks. N. of the cor. of secs.
 13, 14, 23 and 24.

Thence I run
 N.89°56'W., on a true line, bet. secs. 14 and 23,
 over mountainous land, through dense undergrowth.
 Asc. 30 ft. on S. slope to
 2.20 Ridge, summit of Cerbat Mountains, bears N. and S.
 Desc. 430 ft. to
 38.00 Thence asc. 50 ft. to
 40.10 Set an iron post, 3 ft. long, 1 in. diam., on solid rock
 in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap,
 marked
 $\frac{1}{4}$ in W.,
 S 14 in N., and
 S 23 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. in the ground.
 Desc. 820 ft. on W. slope to
 77.45 Gulch, course W.; asc. 35 on N. slope to
 80.20 The cor. of secs. 14, 15, 22 and 23.

Chains

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita and bear-grass:

N.0°01'W., bet. secs. 14 and 15,
 over mountainous land, through dense undergrowth.
 Desc. 80 ft. on N. slope to
 2.50 Gulch, course N.65°W.; asc. SW. slope.
 4.90 Point of spur from E.; desc. NW. slope.
 13.25 Gulch, course SW.; asc. 425 ft. on S. slope to
 28.40 Spur extends W.; desc. NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 14 in E., and
 S 15 in W. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 41.80 Gulch, 280 ft. below spur, course SW.; asc. 780 ft. on SW.
 slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground and 6 ins. in a mound of stone, for cor. of secs.
 10, 11, 14 and 15, with brass cap, marked
 T 24 N S 10 in NW.,
 R 18 W S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
 cactus, catclaw, bear-grass and piñon.

East, on a random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line, 42 lks. N. of the cor. of secs.
 11, 12, 13 and 14.

Thence I run
 N.89°42'W., on a true line, bet. secs. 11 and 14,
 over rolling mountainous land, through dense undergrowth.
 Asc. 460 ft. on SE. slope to
 17.05 Spur slopes ENE.; asc. along N. and NE. slope, 300 ft. to
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked
 $\frac{1}{4}$ in W.,
 S 11 in N., and
 S 14 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in the
 ground.

Continue ascent 330 ft. to
 53.60 Spur slopes S.; desc. 95 ft. on W. slope to
 58.30 Gulch, course SE.; asc. 270 ft. on E. slope to
 74.53 Spur slopes S.; thence along S. slope.
 80.20 The cor. of secs. 10, 11, 14 and 15.

Subdivision of T. 24 N., R. 18 W.

Chains

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper
 and piñon.

Apr. 5, 1916.

Apr. 6, 1916.
 N.0°01'W., bet. secs. 10 and 11,
 over mountainous land, through dense undergrowth.
 Asc. 150 ft. to
 13.20 Point of spur sloping SW.; desc. broken NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground and 8 ins. in a mound of stone, 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
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

49.80 Gulch, course SW; stream, 10 ins. deep, in bottom.: asc.
 340 ft. on S. slope to
 68.62 Ridge bears E. and W.; desc. 110 ft. on NW. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 2, 3, 10 and 11, with brass
 cap, marked
 T 24 N S 3 in NW.,
 R 18 W S 2 in NE.,
 S 11 in SE., and
 S 10 in SW. quadrant; and
 1916 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.
 Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
 catclaw, bear-grass and piñon.

At the cor. of secs. 2, 3, 10 and 11, at 10h 00m, a.m.,
 1.m.t., I set off $35^{\circ}29\frac{1}{2}'$ on the lat. arc, and $5^{\circ}54\frac{1}{2}'$ N.
 on the decl. arc, and determine a meridian with the solar.

Thence I run
 East, on a random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, 33 lks. N. of the cor. of secs.
 1, 2, 11 and 12.

Thence I run
 N.89°46'W., on a true line, bet. secs. 2 and 11,
 over mountainous land, through dense undergrowth.
 Along broken SW. slope.
 30.00 Draw, course SE.; asc.
 40.05 Set an iron post, 2 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 W.,
 S 2 in N., and
 S 11 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in the ground.

Chains

Continue ascent.
67.70 Ridge, summit of Cerbat mountains, 1200 ft. above draw at
30 ch. pt., bears N. and S.; thence along N. slope.
71.00 Spur slopes NW.; desc. 240 ft. on NW. slope to
80.10 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scryb-oak, buck-brush, manzanita and piñon.

N.0°01'W., on a true line, bet. secs. 2 and 3,
over mountainous land, through dense undergrowth.
Desc. 630 ft. on N. slope to
28.25 Gulch, course NW.
39.02 Gulch, 100 ft. below first gulch, course NW.; asc. S. slope.
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 2 in E., and
S 3 in W. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Impracticable to set cor. farther in ground.
64.60 400 ft. above gulch,
Intersect 6th St. Par. N., 10.39 chs. E. of the standard
cor. of secs. 34 and 35, reestablished under current
Group No. 45, which is a granite stone, 10x6x3 ins.
above ground, properly marked and witnessed.

At point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground and 14 ins. in a mound of stone, for closing cor.
of secs. 2 and 3, with brass cap, marked
T 25 N R 18 W S 35 in N. half;
CC in S. half;
T 24 N S 3 in SW., and
R 18 W S 2 in SE. quadrant; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
S. of cor. Impracticable to set cor. farther in ground.

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, manzanita, juniper,
scrub cedar, bear-grass and piñon.

May 6, 1916.
G. H. R.

H. P.
Mar. 29, 1916.
At 8h 00m, a.m., l.m.t., I set off 35°25' on the lat. arc,
and 3°26'N. on the decl. arc; and determine a meridian
with the solar at the cor. of secs. 27, 28, 33 and 34.

Thence I run
S.0°02'E., on a true line, bet. secs. 33 and 34,
over mountainous land, through scattering undergrowth.
Desc. SW. slope.
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 33 in W., and
S 34 in E. half; and
1916 in S. rim;

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground. Cor. No. 2, pat. mineral claim (Juno lode) Str. No. 542, br. W., 20 ch. S.

59.80 Wash, 540 ft. below sec. cor., 20 lks. wide, course SE.
 65.80 Wash, 20 lks. wide, course SW.
 74.75 Wash, 30 lks. wide, course SE.
 77.60 Intersect S. bdy. of Tp. 16 S. 189° 10' E. of reestablished
 cor. of secs. 3 and 4, T. 23 N., R. 18 W., hereinbefore de-
 scribed.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in
 the ground and 10 ins. in a mound of stone, for closing
 cor. of secs. 33 and 34, with brass cap, marked
 CC in N. half,
 T 23 N R 18 W S 3 in S. half;
 T 24 N S 33 in NW., and
 R 18 W S 34 in NE. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.

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

From cor. of secs. 27, 28, 33 and 34,
 N. 0° 02' W., bet. secs. 27 and 28,
 over mountainous land, through scattering undergrowth.
 Asc. SW. slope.

31.30 Top of spur, 560 ft. above sec. cor., extends E.; desc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground and 12 ins. in the ground, for ¼ sec. cor., with
 brass cap, marked
 ¼ in N.,
 S 27 in E., and
 S 28 in W. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Impracticable to set cor. farther in the
 ground.

At above cor. I set off 3° 29½' N. on the decl. arc, and
 at apparent noon, observe the sun on the meridian.
 The resulting lat. is 35° 26½'. Mar. 29, 1916.

42.30 Ravine, 8 lks. wide, on bottom, course SE.; 230 ft. below
 spur. Asc. 250 ft. to
 53.50 Top of spur, extending SE.; thence E. slope, descending.
 69.35 Head of ravine, 100 ft. below spur; course SE.
 Asc. 240 ft. on S. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground and 18 ins. in a mound of stone, for cor. of secs.
 21, 22, 27 and 28, with brass cap, marked
 T 24 N S 21 in NW.,
 R 18 W S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Impracticable to set cor. farther in ground.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, none.
 Undergrowth, scrub-oak, buck-brush, juniper, scrub-pine,
 manzanita, catclaw and cactus.

Chains

East, 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 12 lks. S. of the cor. of secs.
 22, 23, 26 and 27.

Thence I run
 S. $89^{\circ}55'$ W., on a true line, bet. secs. 22 and 27,
 over mountainous land, through scattering undergrowth.
 Along N. slope.
 11.70 Desc. 240 ft. on W. slope to
 29.70 Ravine, 10 lks. wide on bottom, course S.; running water
 in bottom. Asc. SE. slope.
 39.98 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 W.,
 S 22 in N., and
 S 27 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. in ground.
 42.20 Top of ridge, 285 ft. above ravine; bears NE. and W.
 Asc. gradually, along crest of ridge, to
 71.30 Leave ridge at point 120 ft. above 42.20 ch. pt.; ridge
 bears NW. and E.; desc. 50 ft. along S. slope to
 79.96 The cor. of secs. 21, 22, 27 and 28.

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

Undergrowth, scrub-oak, buck-brush, juniper, manzanita,
 catclaw and scrub pine.

Mar. 29, 1916
 H. P.

Apr. 3, 1916.

At 2h 30m, p.m., l.m.t., I set off $35^{\circ}27'$ on the lat. arc,
 and $5^{\circ}28'$ N. on the decl. arc; and determine a meridian
 with the solar, at the cor. of secs. 21, 22, 27 and 28.

Thence I run
 N. $0^{\circ}02'$ W., bet; secs. 21 and 22,
 over mountainous land, through dense undergrowth.
 Asc. 120 ft. on SE. slope to
 6.40 Top of ridge, bearing NW. and SE.; desc. broken NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground and 10 ins. in a mound of stone, 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
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in ground.
 63.10 Ravine, 800 ft. below ridge at 6.40 ch. pt., 10 lks. wide
 on the bottom., course NW.
 66.30 Asc. 140 ft. on SW. slope to
 75.90 Top of spur slopes NW.; desc. 80 ft. to
 80.00 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 24 N S 16 in NW.,
 R 18 W S 15 in NE.,
 S 22 in SE., and
 S 21 in SW. quadrant; and
 1916 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.
 Undergrowth, scrub-oak and manzanita. Apr. 4, 1916.

Chains

Apr. 4, 1916.

At 9h 00m, a.m., l.m.t., I set off $35^{\circ}27\frac{1}{2}'$ on the lat. arc, and $5^{\circ}45\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.

Thence I run

East, on a random line, bet. secs. 15 and 22.

40.00

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

80.00

Intersect N. and S. line 5 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence I run

N. $89^{\circ}58'$ W., on a true line, bet. secs. 15 and 22, over mountainous land, through dense undergrowth.

Asc. 55 ft. to

3.80

Thence desc. broken NW. slope 435 ft. to

32.05

Ravine, course SW.

40.00

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

$\frac{1}{4}$ in W.,

S 15 in N., and

S 22 in S. half; and

1916 in S. rim;

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

60.15

Same ravine, course NW.

63.80

Same ravine, course SW.

72.85

Same ravine, course NW.; stream of water in bottom.

Continue along ravine to

80.00

The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.

Soil, rocky: 4th rate.

No timber.

Undergrowth, scrub-oak, manzanita, juniper, catclaw, and scrub pine.

N. $0^{\circ}02'$ W., bet. secs. 15 and 16, over mountainous land, through dense undergrowth.

3.60

Ravine, 15 lks. wide, on bottom, course NW.; running water in bottom.

9.00

Point of spur from E.

11.55

Ravine, 20 lks. wide on the bottom, course W.; contains stream of running water. Asc. broken S. slope.

40.00

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

$\frac{1}{4}$ in N.,

S 15 in E., and

S 16 in W. half; and

1916 in S. rim;

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

64.10

Top of spur, 895 ft. above ravine, course SE.; desc. 50 ft. to

68.50

Thence asc. 150 ft. to

75.75

Top of spur, (same one crossed at 64.10 ch. pt.), slopes SW.; desc. 110 ft. on NW. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked

T 24 N S 9 in NW.,

R 18 W S 10 in NE.,

S 15 in SE., and

S 16 in SW. quadrant; and

1916 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. Undergrowth, scrub-oak, juniper, manzanita and catclaw.

Chains

East, 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 16 lks. N. of the cor. of secs.
 10, 11, 14 and 15.

Thence I run
 N. $89^{\circ}53'$ W., on a true line, bet. secs. 10 and 15,
 over mountainous land, through dense undergrowth.
 Asc. 25 ft. to
 2.15 Thence desc. 550 ft. to
 15.60 Ravine, course S.; running water in bottom; asc. 50 ft. to
 19.30 Thence desc. 90 ft. to
 21.00 Thence asc. 90 ft. to
 29.50 Top of spur sloping S.; desc. 300 ft. on SW. slope to
 39.10 Ravine, 15 lks. wide, course S.
 40.04 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 W.,
 S 10 in N., and
 S 15 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.
 41.20 Ravine, 7 lks. wide, course SE.; asc. 290 ft. on NE. slope to
 56.70 Top of spur sloping S.; desc. 200 ft. on SW. slope to
 63.90 Head of ravine, course S.; asc. 200 ft. on SE. slope to
 75.20 Top of spur, course SW.; desc. 90 ft. on SW. slope to
 80.08 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.

Soil, rocky; 4th rate.

No timber,

Undergrowth, scrub-oak, manzanita, juniper, scrub pine
 and catclaw.

Apr. 4, 1916.

H. P.

G. H. R.

Apr. 10, 1916.

At 10h 00m, a.m., l.m.t., I set off $35^{\circ}28\frac{1}{2}'$ on the lat. arc,
 and $8^{\circ}01\frac{1}{2}'$ N. on the decl. arc; and determine a meridian
 with the solar at the cor. of secs. 9, 10, 15 and 16.

Thence I run N. $0^{\circ}02'$ W., bet. secs. 9 and 10,
 over mountainous land, through dense undergrowth.

Asc. 170 ft. on SW. slope to

15.50 Short spur sloping W.; desc. NW. slope 90 ft. to

24.30 Ravine, course W.; stream, 4 ins. deep, in bottom; Asc. S
 slope 450 ft. to

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 9 in W., and

S 10 in E. half; and

1916 in S. rim;

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

Asc. 20 ft. to

40.75 Ridge, bears E. and W.; desc. 300 ft. on NW. slope to

54.20 Head of ravine, course NW.; thence along W. slope.

64.00 Head of draw, course SW.; asc. 150 ft. on W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 3, 4, 9 and 10, with brass cap,
 marked

T 24 N S 4 in NW.,

R 18 W S 3 in NE.,

S 10 in SE., and

S 9 in SW. quadrant; and

1916 in S. rim;

Chains

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, piñon, buck-brush, manzanita,
catclaw, juniper and bear-grass.

At this cor. I set off $8^{\circ}03'N.$ on the decl. arc, and at
apparent noon, observe the sun on the meridian. The re-
sulting lat. is $35^{\circ}29\frac{1}{2}'$. Apr. 10, 1916.

40.00

East, on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.

The ground E. of this pt. is exceedingly rough, so that
chaining would be difficult and inaccurate, and as the cor.
of secs. 2, 3, 10 and 11, which is visible from this line,
bears East, I return to the cor. of secs. 3, 4, 9 and 10
and triangulate as follows:

Measure a base, $N.0^{\circ}02'W.$, 44.81 chs., to a point whence
the cor. of secs. 2, 3, 10 and 11 bears $S.60^{\circ}47'E.$; which
gives for the distance, $44.81 \times \sin 60^{\circ}45' \div \sin 29^{\circ}13'$,
or 80.10 chs.

80.10

Intersect N. and S. line at the cor. of secs. 2, 3, 10 and 11.

Thence I run

40.05

West, on a true line, bet. secs. 3 and 10,
over mountainous land, through dense undergrowth.
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 W.,

S 3 in N., and

S 10 in S. half; and

1916 in S. rim;

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

49.70

Desc. 220 ft. on W. slope to
Gulch, course NW.; stream, 3 ins. deep, in bottom.

Asc. 115 ft. on NE. slope to

55.90

Spur, sloping NNW.; desc. 125 ft. on W. slope to

63.40

Gulch, course $N.15^{\circ}W.$; Stream, 20 ins. deep, in Bottom.

Asc. 270 ft. on E. slope to

73.60

Top of spur extending NW.; desc. 170 ft. on W. slope to

80.10

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, buck-brush, manzanita, juniper
and piñon.

10.75

$N.0^{\circ}02'W.$, on a true line, bet. secs. 3 and 4,
over mountainous land, through dense undergrowth.

Asc. 100 ft. on W. slope to

38.33

Top of spur extending W.; desc. 560 ft. on N. slope to
Gylch, course NE.; asc. along E. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
ground and 11 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
with brass cap, marked

$\frac{1}{4}$ in N.,

S 3 in E., and

S 4 in W. half; and

1916 in S. rim:

Chains

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in ground. 110 ft. above gulch; desc. 500 ft. to

43.50
64.80 Intersect 6th St. Par. N., 10.31 chs. E. of the standard cor. of secs. 33 and 34, reestablished under current Group No. 45, which is a granite stone, 10x8x5 ins. above ground, properly marked and witnessed.

At point of intersection
Set a stone, 24x9x6 ins., 18 ins. in the ground, for closing cor. of secs. 3 and 4, marked CC on S., with 3 grooves on E. and W. faces; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Impracticable, on account of expense and inconvenience, to set iron post.

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, manzanita, bear-grass and piñon.

Apr. 10, 1916.
G. H. R.

H. P.
Apr. 1, 1916.
At 8h 30m, a.m., l.m.t., I set off $35^{\circ}25'$ on the lat. arc, and $4^{\circ}36'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33, on sectional guide meridian.

Thence I run
 $S.0^{\circ}03'E.$, on a true line, bet. secs. 32 and 33, over rolling mountainous land, through scattering undergrowth.

25.83 Wash, 50 lks. wide, course W.
32.65 Wash, 15 lks. wide, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ in N.,
S 32 in W., and
S 33 in E. half; and
1916 in S. rim;

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

76.55 Intersect S. bdy. of Tp. 3.17 chs. S. $89^{\circ}10'E.$ of cor. of secs. 4 and 5, T. 23 N., R. 18 W., reestablished as hereinbefore described.

At point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 32 and 33, with brass cap, marked

CC in N. half,
T 23 N R 18 W S 4 in S. half; and
T 24 N S 32 in NW., and
R 18 W S 33 in NE. quadrant; and
1916 in S. rim;

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

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

Chains

From cor. of secs. 28, 29, 32 and 33,
 N. 0° 03' W., bet. secs. 28 and 29,
 over mountainous land, through scattering undergrowth.
 Asc. 250 ft. on broken S. slope to
 11.70 Top of spur sloping W.; desc. N. slope 50 ft. to
 14.20 Thence asc. 135 ft. to
 24.00 Spur extends W.; desc. 150 ft. to
 36.00 Ravine, 15 lks. wide, on bottom, course SW.; asc. SW. slope.
 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 28 in E., and
 S 29 in W. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in ground.
 60.60 Top of ridge bearing NW. and SE.; 520 ft. above ravine.
 Desc. 375 ft. on NE. slope to
 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 24 N S 20 in NW.,
 R 18 W S 21 in NE.,
 S 28 in SE., and
 S 29 in SW. quadrant; and
 1916 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.
 Undergrowth, scrub-oak, juniper, scrub-pine, cactus and
 catclaw.

40.00 East, on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line 12 lks. S. of the cor. of secs.
 21, 22, 27 and 28.

Thence I run
 S. 89° 55' W., on a true line, bet. secs. 21 and 28.
 over mountainous land, through scattering undergrowth.
 Asc. 60 ft. to
 1.00 Thence along S. slope to
 11.00 Asc. 75 ft. to
 20.00 Top of spur extending S.; desc. 300 ft. to
 35.00 Asc.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked
 $\frac{1}{4}$ in W.,
 S 21 in N., and
 S 28 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.
 50.90 Top of ridge bearing N. and S.; 135 ft. above 35 ch. pt.
 Desc. 650 ft. on broken NW. slope to
 78.10 Ravine, 10 lks. wide on bottom, course NW.
 80.10 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, juniper, scrub pine, manzanita,
 catclaw and cactus.

Chains

N.0°03'W., bet. secs. 20 and 21,
over mountainous land, through scattering undergrowth.
Desc. 70 ft. on NE. slope to
4.90 Ravine, 10 lks. wide, course NW.; thence along broken SW.
slope.
22.50 Top of spur, 140 ft. above ravine, course NW.; desc. 190
ft. on NE. slope to
34.20 Asc.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground and 10 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
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Impracticable to set cor. farther in ground.
47.70 Point of spur sloping NW.
48.80 Desc. 110 ft. to
63.30 Wash, 30 lks. wide, course W.; running water in bottom.
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 24 N S 17 in NW.,
R 18 W S 16 in NE.,
S 21 in SE., and
S 20 in SW. quadrant; and
1916 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.
Undergrowth, scrub-oak, juniper, catclaw, cactus and
manzanita.

Apr. 1, 1916.

Apr. 6, 1916.
East, on a random line, bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line 5 lks. S. of the cor. of secs.
15, 16, 21 and 22.

At this cor., at 8h 30m, a.m., l.m.t., I set off $35^{\circ}27\frac{1}{2}'$
on the lat. arc, and $6^{\circ}31'N$. on the decl. arc; and deter-
mine a meridian with the solar.

Thence I run
S.89°58'W., on a true line, bet. secs. 16 and 21,
over mountainous land, through dense undergrowth.
4.20 Desc. 80 ft. on NW. slope to
14.35 Ravine, 20 lks. wide on the bottom, course S.; contains
stream of running water.
Thence along broken S. slope.
40.03 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
with brass cap, marked
 $\frac{1}{4}$ in W.,
S 16 in N., and
S 21 in S. rim; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Impracticable to set cor. farther in ground.
43.00 Wash, 10 lks. wide, course S.
61.23 Wash, 15 lks. wide, course S.
80.06 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous.--Soil, rocky; 4th rate.-- No timber.
Undergrowth, scrub-oak, juniper and catclaw.

Chains

N.0°03'W., bet. secs. 16 and 17,
 over mountainous land, through scattering undergrowth.
 Asc. 540 ft. on broken S. slope to
 33.00 Desc. 125 ft. to
 38.60 Ft. of descent.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground and 14 ins. in a mound of stone, 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
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in ground.
 Asc. 35 ft. to
 45.45 Top of ridge bears SW. and NE.; thence along broken SW.
 slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground and 6 ins. in a mound of stone, for cor. of secs.
 8, 9, 16 and 17, with brass cap, marked
 T 24 N S 8 in NW.,
 R 18 W S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Impracticable to set cor. farther in ground.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak.

At this cor. I set off $6^{\circ}33\frac{1}{2}'$ N. on the decl. arc, and at
 apparent noon, observe the sun on the meridian. The re-
 sulting lat. is $35^{\circ}28\frac{1}{2}'$.

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

Thence I run
 S.89°57'W., on a true line, bet. secs. 9 and 16,
 over mountainous land, through dense undergrowth.
 Desc. 35 ft. to
 5.10 Ravine, 10 lks. wide on bottom, course S.; asc. 90 ft. to
 12.60 Thence desc. 250 ft. on SW. slope to
 23.80 Ravine, course S.; asc. 270 ft. on SE. slope to
 34.80 Top of spur slopes SE.; desc.
 40.04 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
 $\frac{1}{2}$ in W.,
 S 9 in N., and
 S 16 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. in ground.
 43.50 Ft. of descent, 230 ft. below 34.80 ch. pt.; Asc. 260 ft. over
 broken S. slope to
 60.70 Top of ridge bears NE. and SW.; desc. 250 ft. on W. slope to
 62.30 Thence along S. slope.
 73.40 Desc. 300 ft. on SW. slope to
 80.08 The cor. of secs. 8, 9, 16 and 17.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak.

Apr. 6, 1916.

Chains	
	<p>Apr. 10, 1916. N.0°03'W., bet. secs. 8 and 9, over mountainous land, through dense undergrowth. Along broken W. slope.</p>
20.80	Top of spur, 140 ft. above sec. cor., extends NW.; desc. 220 ft. to
28.20	Head of ravine, course NW.; asc. 65 ft. to
31.10	Top of spur, slopes NW. Desc. 190 ft. over broken NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, 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 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in ground.
42.20	Top of spur extending NW.; desc. 110 ft. to
47.00	Ravine, 6 lks. wide on bottom, course NW.; asc. 30 ft. to
52.80	Point of spur from SE.; desc. 45 ft. to
57.35	Ravine, 15 lks. wide on bottom, course SW.; asc. 320 ft. on broken SW. slope to
78.70	Top of spurextending W.; desc. NE. slope 20 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap, marked T 24 N S 5 in NW., R 18 W S 4 in NE., S 9 in SE., and S 8 in SW. quadrant; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in ground.
	<p>Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub pine, scrub oak, juniper, and other growth.</p> <p>At this cor., I set off 8°03'N. on the decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 35°29$\frac{1}{2}$'. Apr. 10, 1916.</p>

	<p>Apr. 11, 1916. At the cor. of secs. 4, 5, 8 and 9, I set off 8°23'N. on the decl. arc, and 35°29$\frac{1}{2}$' on the lat. arc; and at 9h 30m, a.m., l.m.t., determine a meridian with the solar.</p> <p>Thence I run East, on a random line, bet. secs. 4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 21 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	<p>Thence I run N.89°51'W., on a true line, bet. secs. 4 and 9, over mountainous land, through dense undergrowth. Desc. 345 ft. along SW. slope to</p>
35.00	Asc. 65 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in W., S 4 in N., and S 9 in S. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set cor. farther in ground.

Chains

60.50 Desc. 340 ft. along SW. slope of spur, to
 80.00 Cross spur extending SW.; desc. along N. slope, 190 ft. to
 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, manzanita, juniper and scrub pine.
 Apr. 11, 1916.

Apr. 10, 1916.
 N.0°03'W., on a true line, bet. secs. 4 and 5,
 over mountainous land, through dense undergrowth.

8.55 Desc. 110 ft. on NE. slope to
 10.70 Ravine, course NW.; thence along broken W. slope.
 12.90 Point of spur from E.
 Ravine, 10 lks. wide on bottom, course W.; contains running
 water.

31.70 Top of spur extending NW.
 34.10 Across broken W. slope.
 39.10 Head of ravine, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 4 in E., and
 S 5 in W. half; and
 1916 in S. rim;

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

64.25 Intersect 6th St. Par. N., 10.41 chs. E. of the standard
 cor. of secs. 32 and 33, reestablished under current
 group No. 45, which is a granite stone, 18x8x4 ins..
 above ground, properly marked, set and witnessed.

At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground and 12 ins. in a mound of stone, for closing cor.
 of secs. 4 and 5, with brass cap, marked

CC in S. half,
 T 25 N R 18 W S 33 in N. half;
 S 5 T 24 N in SW., and
 S 4 R 18 W in SE. quadrant; and
 1916 in S. rim;

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

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, manzanita and juniper.
 Apr. 10, 1916.
 H. P.

G. H. R.
 Apr. 5, 1916. From cor. of secs. 29, 30, 31 and 32,
 S.0°03'E., on a true line, bet. secs. 31 and 32,
 over mountainous land, through scattering undergrowth.

13.20 Asc. 290 ft. on NW. slope to
 40.00 Spur extends SW.; desc. 350 ft. to
 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 31 in W., and
 S 32 in E. half; and
 1916 in S. rim;

Chains	
	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Leave mountainous land, and enter rolling prairie; bears E. and W.</p>
47.10	Wash, 50 lks. wide, course S.15°E.
77.07	Intersect S. bdy. of T. 24 chs. N. 89°47'E. of the cor. of secs. 5 and 6, T. 23 N., R. 18 W., reestablished as hereinbefore described.
	<p>At point of intersection</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 31 and 32, with brass cap, marked</p> <p style="padding-left: 40px;">CC in N. half, T 23 N R 18 W S 5 in S. half; T 24 N S 31 in NW., and R 18 W S 32 in NE. quadrant; and 1916 in S. rim;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Land, mountainous in N. half mile and rolling in S. part. Soil, gravelly and rocky; 4th rate. No timber. Undergrowth, juniper, cactus and catclaw.</p> <p>At this cor., at 9h 00m, a.m., l.m.t., I set off 35'25' on the lat. arc, and 6°08'N. on the decl. arc; and determine a meridian with the solar.</p>

	<p>From cor. of secs. 29, 30, 31 and 32, N. 0°03'W., bet. secs. 29 and 30, over rolling mountainous land, through scattering undergrowth.</p>
3.45	Desc. 35 ft. on NW. slope to Wash, 30 lks. wide, course W.
8.90	Wash, 190 lks. wide, course S.75°W.; asc. 125 ft. on SW. slope to
21.10	Point of spur from E.; desc. 130 ft. on NW. slope to
28.00	Draw, course S.60°W.
	Asc. 100 ft. on SW. slope to
37.15	Spur slopes W.; desc. NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked
	¼ in N., S 29 in E., and S 30 in W. half; and 1916 in S. rim;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
46.20	Head of draw, 75 ft. below spur, course W.; asc. SW. slope 140 ft. to
51.50	Spur slopes W.; desc. 85 ft. on N. slope to
64.70	Wash, 100 lks. wide, course SW.
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 24 N S 19 in NW., R 18 W S 20 in NE., S 29 in SE., and S 30 in SW. quadrant; and 1916 in S. rim;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	<p>Land, rolling mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, juniper, cactus and catclaw.</p> <p>At this cor. I set off 6°11'N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 35°27'. Apr. 5, 1916. G. H. R.</p>

Chains

H. P.
 Apr. 7, 1916.
 East, on a random line, bet. secs. 20 and 29,
 Set temp. $\frac{1}{4}$ sec. cor.
 40.00
 80.04 Intersect N. and S. line, 15 lks. S. of the cor. of secs.
 20, 21, 28 and 29.

At this cor., at 9h 30m, a.m., l.m.t., I set off $35^{\circ}27'$
 on the lat. arc, and $6^{\circ}54'N.$ on the decl. arc; and de-
 termine a meridian with the solar.

Thence I run
 S. $89^{\circ}54'W.$, on a true line, bet. secs. 20 and 29,
 over mountainous land, through scattering undergrowth.
 Asc. 170 ft. on broken NE. slope to
 14.15 Top of spur extending NW.
 16.40 Desc. broken NW. slope 140 ft. to
 24.35 Thence asc. 25 ft. to
 29.30 Spur extends NW.; desc.
 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
 $\frac{1}{4}$ in W.,
 S 20 in N., and
 S 29 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. in ground.
 69.15 Wash, 525 ft. below spur at 29.30 ch. pt., course SW.
 72.40 Wash, 15 lks. wide, course S.
 80.04 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, juniper, catclaw and scrub pine.
 Apr. 7, 1916.
 H. P.

G. H. R.
 Apr. 5, 1916.
 West, on a true line, bet. secs. 19 and 30,
 over rolling mountainous land, through scattering under-
 growth.
 Along broken southerly slope.
 29.90 Gulch, course S. $20^{\circ}E.$; asc. SE. slope.
 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 W.,
 S 19 in N., and
 S 30 in S. half; and
 1916 in S. rim;
 and raise a mound of stone. 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.
 41.80 Spur, 130 ft. above gulch, slopes SE.; thence along broken
 S. slope.
 74.60 Head of draw, course-SE.; asc. 130 ft on SE. slope to
 83.01 Intersect W. bdy. of Tp., 2.59 chs. S. of the cor. of secs.
 19, 24, 25 and 30, reestablished as described in Book B.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
 ground and 10 ins. in a mound of stone, for closing cor.
 of secs. 19 and 30, with brass cap, marked
 CC in E. half,
 T 24 N S 25 R 19 W in W. half; and
 T 24 N S 19 in NE., and
 R 18 W S 30 in SE. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 E. of cor. Impracticable to set cor. farther in ground.

Chains

I change the reestablished cor. of secs. 19, 24, 25 and 30 to a cor. of two secs., and the 1/4 sec. cor. bet. secs. 19 and 24 to a cor. of two quarters of one sec., pertaining to the area W. of the range line.

Land, rolling mountainous.
Soil, 5ocky; 4th rate.
No timber.
Undergrowth, cactus, greasewood and juniper.

Apr. 5, 1916.
G. H. R.

27.35
40.00

H. P.
Apr. 7, 1916. From cor. of secs. 19, 20, 29 and 30, N. 0° 03' W., bet. secs. 19 and 20, over mountainous land, through scattering undergrowth. Along broken easterly slope. Asc. 185 ft. to 1/4 sec. cor.

Wash, 15 lks. wide, course SE.
Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 10 ins. in a mound of stone, for 1/4 sec. cor., with brass cap, marked

1/4 in N.,
S 19 in W., and
S 20 in E. half; and
1916 in S. rim;

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

80.00

Ascend. 640 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 14 ins. in a mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked

T 24 N S 18 in NW.,
R 18 W S 17 in NE.,
S 20 in SE., and
S 19 in SW. quadrant; and
1916 in S. rim;

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

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

At this cor. I set off 6° 56' N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 35° 27 1/2'.
Apr. 7, 1916.

40.00
80.04

East, on a random line, bet. secs. 17 and 20.
Set temp. 1/4 sec. cor.
Intersect N. and S. line 16 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence I run
S. 89° 53' W., on a true line, bet. secs. 17 and 20, over mountainous land, through scattering undergrowth.
Asc. 90 ft. to

8.20
12.50
20.40
28.00
35.00
40.02

Summit.
Desc. 100 ft. to
Ravine, 6 lks. wide on bottom, course SE.; asc. 140 ft. to
Top of spur extending SE.; desc. 60 ft. to
Pt. of descent.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4 in W.,
S 17 in N., and
S 20 in S. half; and

Chains

1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.
 Asc. 170 ft. to
 49.20 Summit; desc. 150 ft. to
 59.90 Ravine, 10 lks. wide on bottom, course S.; asc. 420 ft. on
 E. slope to
 79.70 Top of spur, extending SE.
 80.04 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub-oak, juniper and catclaw.
 Apr. 7, 1916.

 Apr. 8, 1916.
 At 9h 30m, a.m., l.m.t., I set off 35°27½' on the lat. arc,
 and 7°15' N. on the decl. arc; and determining a meridian
 with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence I run
 West, on a true line, bet. secs. 18 and 19,
 over mountainous land, through scattering undergrowth.
 Asc. 60 ft. along broken SE. slope to
 7.00 Top of spur extending SW.; desc. 125 ft. to
 14.65 Head of ravine, course S.; asc. 230 ft. to
 24.00 Top of spur extending SW.: thence along S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground and 10 ins. in a mound of stone, for ¼ sec. cor.,
 with brass cap, marked
 ¼ in W.,
 S 18 in N., and
 S 19 in S. half; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Impracticable to set cor. farther in ground.
 Desc. 800 ft. to
 83.00 Intersect W. bdy. of Tp., 2.60 chs. S. of the cor. of secs.
 13, 18, 19 and 24, reestablished as described in Book B.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground and 18 ins. in a mound of stone, for closing cor.
 of secs. 18 and 19, with brass cap, marked
 CC in E. half,
 T 24 N S 24 R 19 W in W. half;
 T 24 N S 18 in NE., and
 R 18 W S 19 in SE. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 E. of cor. Impracticable to set cor. farther in ground.

I change the reestablished cor. of secs. 13, 18, 19 and 24,
 and the ¼ sec. cor. bet. secs. 13 and 18 to cors. per-
 taining solely to the area W. of the Tp. bdy.

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

 From cor. of secs. 17, 18, 19 and 20,
 N. 0°03' W., bet. secs. 17 and 18,
 over mountainous land, through dense undergrowth.
 Across top of spur, extending SE.
 4.00 Desc. 170 ft. on NE. slope to

Chains	
9.40	Head of ravine, course E.; asc. 30 ft. to
14.50	Thence desc. 35 ft. to
19.35	Head of ravine, course SE.; asc. 440 ft. on SE. slope to
31.90	Top of ridge, bearing E. and W.; desc. NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground and 12 ins. in a mound of stone, 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 1916 in S. rim;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in ground.
45.00	Head of ravine, course SW.; 220 ft. below ridge.
	Asc. 150 ft. on SW. slope to
55.40	Top of spur extending NW.; desc. NE. slope, through heavy growth of scrub pine, bearing E. and W.
75.30	Ravine, 7 lks. wide on bottom, course NW.; 500 ft. below spur. Leave heavy growth of scrub pine, which bears E. and W. Asc. 85 ft. on SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked
	T 24 N S 7 in NW., R 18 W S 8 in NE., S 17 in SE., and S 18 in SW. quadrant; and 1916 in S. rim;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set cor. farther in ground.
	Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, scrub-pine, juniper, scrub-oak, manzanita and catclaw.
40.00	East, on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor.
	Apr. 8, 1916.
	Apr. 10, 1916.
	At this point, I set off $35^{\circ}28\frac{1}{2}'$ on the lat. arc, and $8^{\circ}01\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar.
80.10	Intersect N. and S. line 16 lks. S. of the cor. of secs. 8, 9, 16 and 17.
	Thence I run
	S. $89^{\circ}53'$ W., on a true line, bet. secs. 8 and 17, over mountainous land, through dense undergrowth.
	Desc. 325 ft. on broken W. slope to
31.80	Ravine, course NW.
40.05	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 W., S 8 in N., and S 17 in S. half; and 1916 in S. rim;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set cor. in ground.
53.00	Asc. 275 ft. to
75.90	Top of spur extending NW.; desc. 100 ft. on SW. slope to
80.10	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous. Soil, rocky; 4th rate.--No timber. Undergrowth, scrub pine and oak, juniper, manzanita and catclaw.
	Apr. 10, 1916. H. P.

Subdivision of T. 24 N. R. 18 W.

Chains

G. H. R.
Apr. 11, 1916.
At 9h 30m, a.m., l.m.t., I set off 35°28' on the lat. arc,
and 8°23' N. on the decl. arc; and determine a meridian
with the solar, at the cor. of secs. 7, 8, 17 and 18.

Thence I run
West, on a true line, bet. secs. 7 and 18,
over mountainous land, through dense undergrowth.
Desc. 125 ft. on W. slope to
5.70 Ravine, course NW.; asc. NE. slope.
20.67 Wire fence bears NE. and SW.
37.20 Spur, 280 ft. above ravine, slopes N.; branch of same
slopes W.; desc. 180 ft. along spur to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 9 ins. in the
ground and 17 ins. in a mound of stone, for 1/4 sec.
cor., with brass cap, marked
1/4 in W.,
S 7 in N., and
S 18 in S. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
N. of cor. Impracticable to set cor. farther in ground.
82164 Intersect W. bdy. of Tp., 2.71 chs. S. of the cor. of secs.
7, 12, 13 and 18, reestablished as described in Book B.

At point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 17 ins. in the
ground and 7 ins. in a mound of stone, for closing cor.
of secs. 7 and 18, with brass cap, marked
CC in E. half,
T 24 N S 18 R 19 W in W. half;
T 24 N S 7 in NE., and
R 18 W S 18 in SE. quadrant; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
E. of cor. Impracticable to set cor. farther in ground.

I change the reestablished cor. of secs. 7, 12, 13 and 18
and the 1/4 sec. cor., bet. secs. 7 and 12, to cors. per-
taining solely to the area W. of the range line.

Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scrub-oak, buck-brush, piñon, scrub cedar,
juniper, manzanita and bear-grass.

From cor. of secs. 7, 8, 17 and 18,
N. 0° 03' W., bet. secs. 7 and 8,
over mountainous land, through dense undergrowth.
Asc. 80 ft. to

3.20 Spur slopes WNW.; desc. N. slope.
10.40 Wire fence bears NE. and SW.
34.46 Wire fence bears W. by N., and ESE.
36.15 Wash, 100 lks. wide, course N. 75° W.; 550 ft. below spur.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground and 10 ins. in a mound of stone, for 1/4 sec. cor.,
with brass cap, marked
1/4 in N.,
S 7 in W., and
S 8 in E. half; and
1916 in S. rim;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor. Impracticable to set cor. farther in ground.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground and 6 ins. in a mound of stone, for cor. of secs.
5, 6, 7 and 8, with brass cap, marked

Chains

T 24 N S 6 in NW.,
R 18 W S 5 in NE.,
S 8 in SE., and
S 7 in SW. quadrant; and
1916 in S. rim;

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, buck-brush, piñon, manzanita and
bear-grass. G. H. R.

H. P.

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

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

80.08 Intersect N. and S. line 19 lks. S. of the cor. of secs.
4, 5, 8 and 9.

At this cor., I set off $8^{\circ}25\frac{1}{2}'N$. on the decl. arc, and at
apparent noon, observe the sun on the meridian. The re-
sulting lat. is $35^{\circ}29\frac{1}{2}'$. Apr. 11, 1916.

Thence I run

$S. 89^{\circ}52'W$., on a true line, bet. secs. 5 and 8,
over mountainous land, through dense undergrowth.

Along broken NE. slope.

13.40 Top of spur, extending NW.; Desc. along S. slope of same.

19.55 Cross same spur, extending SW.; desc. along N. side of
spur.

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

$\frac{1}{4}$ in W.,

S 5 in N., and

S 8 in S. half; and

1916 in S. rim;

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

80.08 770 ft. below 13.40 ch. pt.

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, juniper, manzanita, scrub pine
and catclaw.

West, on a true line, bet. secs. 6 and 7,
over mountainous land, through dense undergrowth.

Desc. along N. side of spur, 50 ft. to

5.00 Cross spur at low pass. Spur slopes NW.; desc. 30 ft. to

10.00 Ft. of slope. Leave mountainous land, and enter rolling land.

15.90 Wash, 15 lks. wide, course NW.

40.00 Set a stone, 16x14x4 ins., 11 ins. in the ground, for $\frac{1}{4}$
sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of
stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

45.00 Wash, 40 lks. wide, course NW.

82.54 Intersect W. bdy. of Tp., 2.58 chs. S. of the cor. of secs.
1, 6, 7 and 12, reestablished as described in Book B.

At point of intersection

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

CC in E. half,

T 24 N S 7 R 19W in W. half;

Subdivision of T. 24 N., R. 18 W.

Chains

T 24 N S 6 in NE., and
 R 18 W S 7 in SE. quadrant; and
 1916 in S. rim;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 E. of cor.

I change the reestablished cor. of secs. 1, 6, 7 and 12
 and the ¼ sec. cor. bet. secs. 1 and 6, to cors. per-
 taining solely to the area W. of the range line.

Land, mountainous in E. 10 chs., and rolling in W. part.
 Soil, rocky; 4th rate.

No timber.

Undergrowth, scrub-oak, juniper, catclaw, manzanita and
 scrub pine.

Apr. 11, 1916.
 H. P.

G.H.R.

From cor. of secs. 5, 6, 7 and 8,
 N. 0° 03' W., on a true line, bet. secs. 5 and 6,
 over rolling mountainous land, through scattering under-
 growth.

Desc. 60 ft. to

6.75 Wash, 50 lks. wide, course W.; asc. 285 ft. on SW. slope to
 31.20 Spur slopes W.; desc. NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the
 ground and 13 ins. in a mound of stone, for ¼ sec. cor.,
 with brass cap, marked

¼ in N.,
 S 5 in E., and
 S 6 in W. half; and
 1916 in S. rim;

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

44.80 Wash, 30 lks. wide, 210 ft. below spur; course W.:
 Asc. 70 ft. on SW. slope to

50.40 Spur slopes W.; desc. NW. slope 190 ft. to
 64.54

Intersect 6th St. Par. N., 10.67 chs. E. of the standard
 cor. of secs. 31 and 32, reestablished under current
 Group No. 45, which is a granite stone, 10x6x5 ins.
 above ground, properly marked and witnessed.

At 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 25 N R 18 W S 32 in N. half,
 CC in S. half;
 T 24 N S 6 in SW., and
 R 18 W S 5 in SE. quadrant; and
 1916 in S. rim;

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

Land, rolling mountainous.

Soil, rocky and gravelly; 4th rate.

No timber.

Undergrowth, scrub-oak, buck-brush, piñon, juniper and
 bear-grass.

Apr. 11, 1916.
 G. H. R.

For table of latitudes and departures, see Book A.

This township consists of extremely rough mountainous land, being part of the Cerbat Range, the summit of which extends through the 1st and 2nd ranges of sections from the north to the south boundary. The slopes are very rugged and difficult to traverse on account of numerous high cliffs and fields of huge boulders. The land East of the main ridge drains easterly into the Hualapai valley, and the balance of the township west into the Sacramento valley.

There is no agricultural land in the township, and the soil supports no vegetation of value except scanty grass, and scrub piñon and cedar, valuable only for fuel or fence posts. The piñon and cedar is confined almost entirely to the northern part, while practically the entire township is covered with more or less dense undergrowth of scrub-oak, manzanita, buck-brush, catclaw, cactus and Spanish-bayonet.

Running water, which is mentioned in the foregoing notes as present in various places, is not of permanent nature, disappearing in the summer.

A ranch house is located in the SW. $\frac{1}{4}$ of sec. 30, with which exception there is no evidence of settlers. The town of Chloride lies just south of the township, in the northern portions of secs. 3 and 4, T. 23 N., R. 18 W.

A great deal of prospecting has been done throughout the township, and several old abandoned mines exist immediately in the vicinity of Chloride.

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BOOK 3152

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 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 ^{re-}survey of the South and East Boundaries, and SURVEY of the Subdivision lines of _____

TOWNSHIP 24 NORTH, RANGE 18 WEST, and Retracement of part of the E. bdy. of TOWNSHIP 23 NORTH, RANGE 18 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Guy H. Richardson, U. S. Surveyor, and Hugo Price, 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, retracements and surveys they describe, are hereby approved.

Frank P. Frost

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.~~