

FIELD NOTES

2352

OF THE SURVEY OF THE

Subdivision of T 15 N. R 1 E

Of the Gila Salt River Base Meridian,

In the State of

Arizona

EXECUTED BY

Fred W. Rodolf

In the capacity of U. S. Surveyor, under instructions dated April 11, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 11, which were approved by the Commissioner of the General Land Office, May 18, 1911, pursuant to authority contained in the Act of Congress dated March 4, 1911.

Survey commenced May 31, 1911.

Survey completed June 7, 1911.

INDEX DIAGRAM.

Township _____, Range _____

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BOOK 2352

INDEX DIAGRAM.

Township 15 North, Range 1 East

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PRELIMINARY OATHS OF ASSISTANTS.

WE, H. N. Bradstreet and L. E. Flanagan
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision of Tp. 15 N., R. 1 E.

H. N. Bradstreet, Chainman.
L. E. Flanagan, Chainman.

Subscribed and sworn to before me this 31
day of May, 1911



Fred W. Rodolf
U. S. Surveyor

WE, O. L. Nefzinger and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Subdivision of Tp. 15 N., R. 1 E.

O. L. Nefzinger, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 31
day of May, 1911



Fred W. Rodolf
U. S. Surveyor

WE, Wallace R. Bond and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Subdivision of Tp. 15 N., R. 1 E.

Wallace R. Bond, Axman.
_____, Axman.

Subscribed and sworn to before me this 31
day of May, 1911



Fred W. Rodolf
U. S. Surveyor

I, Theodore Secor, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subdivision of Tp. 15 N., R. 1 E.

Theodore Secor, Flagman.

Subscribed and sworn to before me this 31
day of May, 1911



Fred W. Rodolf
U. S. Surveyor

Subdivision of Township 15 North, Range 1 East. 1.

Chains.

Survey commenced on the 31st day of May, and executed with a Young and Sons' light mountain transit, No.6492, with Smith's solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, and reading to single minutes of arc, which is also the least count of the lat. and decl. arcs. The instrument was examined, tested on the true meridian at Phoenix, found correct, and approved by the Surveyor General for Arizona.

On the 25th day of May, I made tests, as described in Book A. to see if the solar was in good adjustment, and found that it was. From my work since then, I know that it is still in good adjustment, and therefore do not deem it necessary to make new tests on Polaris for the rest of this work.

I begin at the cor. of secs. 1, 2, 35 and 36, on the E. bdy. previously set by me.
I set off $21^{\circ}50'N.$ on the decl. arc; $34^{\circ}38\frac{1}{2}'N.$ on the lat. arc, and determine a true meridian with the solar.

Thence I run, $N.0^{\circ}01'W.$, bet. secs. 35 and 36.
Descend steep slope over loose rocks, through scattering underbrush.

- 14.82 Dry wash, 15 lks. wide, course W. Ascend slowly.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 35 on W. half, and S 36 on E. half; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable, No trees available. Tent house bears $N.55^{\circ}40'E.$
- 47.80 Wash, 15 lks. wide, course SW. Ascend.
- 76.50 Wash, 10 lks. wide, course SW. Ascent becomes steep.
- 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked,
 - T 15 N R 1 E on N. half;
 - S 25 on NE. quad.,
 - S 36 on SE. quad.,
 - S 35 on SW. quad., and
 - S 26 on NW. quad., and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, rolling and mountainous.
Underbrush, soap weed, oak brush and buck brush.
No timber.
Soil to 15 chs. rocky; to 48 chs. loam, with loose rocks in it; to 80, rocky and worthless.

Thence I run, $S.89^{\circ}52'E.$ on random line, bet. secs. 25 and 36.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.10 Intersect Tp. boundary 9 lks. S. of the true point for cor. of secs. 25, 30, 31 and 36.

Thence I run, $N.89^{\circ}56'W.$ on true line, bet. secs. 25 and 36.
Ascend out of wash, through dense underbrush.

- 2.00 Witness cor. as previously described. Ascend steep rocky slope.
- 15.00 Top of ridge, bears N. and S. Descend steep rocky slope.
- 33.00 Wash, 10 lks. wide, course SW. Along steep rocky S. slope.
- 40.05 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 25 on N. half, and S 36 on S. half; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. No trees available.
- 44.00 Ascend steep rocky slope.
- 52.00 Top of ridge, brs. N. and S. Descend steep rocky slope.

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2. Subdivision of Township 15 North, Range 1 East.

Chains.

- 60.00 Wash, 20 lks. wide, course S. Ascend steep rocky slope.
 74.00 Top of ridge, brs. N. and S. Descend steep rocky slope.
 Tent house bears S. 58°00'E.
 77.00 Wash, 10 lks. wide, course SW. Along steep rocky S. slope.
 80.10 Cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Underbrush, scrub oak and soap weed.
 No timber.
 Soil, rocky, 4th rate, and worthless.

Thence I run,
 N. 0°01'W., bet. secs. 25 and 26.
 Ascend steep slope, over loose rocks, through dense underbrush.

- 4.00 Descend along steep NE. slope.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 26 on W. half and S 25 on E. half, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 55.00 Wash, 20 lks. wide, course W.
 62.00 Wash, 20 lks. wide, course W. Ascend steep rocky slope.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked
 T 15 N R 1 E on N. half;
 S 24 on NE. quad.,
 S 25 on SE. quad.,
 S 26 on SW. quad., and
 S 23 on NW. quad., and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Underbrush, scrub oak and soapweed.
 No timber.
 Soil, rocky, 3rd rate.

Thence I run,
 S. 89°56'E. on random line, bet. secs. 24 and 25.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect Tp. line 3 lks. N. of cor. of secs. 19, 24, 25 and 30.
 Thence I run,
 N. 89°55'W. on true line, bet. secs. 24 and 25.
 Descend steep rocky slope, through dense underbrush.
 8.00 Along draw, bears W.
 39.70 Drain, course NW. Leave draw.
 40.03 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 24 on N. half, and S 25 on S. half, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 41.00 Wash, 20 lks. wide, course NW. Ascend steep rocky slope.
 70.70 Top of hill; descend steep rocky slope.
 80.06 Cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Underbrush, scrub oak and buck brush.
 No timber.
 Soil, heavy loam in the draw, and rocky on the hills.
 At this cor. I set off 21°51'N. on the decl. arc, and observe the sun on the meridian at noon. The resulting lat. is 34°40 $\frac{1}{2}$ 'N.

Thence I run,
 N. 0°01'W. bet. secs. 23 and 24.
 Ascend steep rocky slope, through dense underbrush.

- 2.00 Top; descend steep rocky slope.

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Chains.

8.40 Wash, 35 lks. wide, course SW. Over rolling land, leave dense underbrush.
 12.00 Road, bears NE. and SW.
 16.10 Road, bears NE. and SW.
 19.75 Road, bears NE. and SW.
 23.35 Telephone line, bears NE. and SW., Prescott to Jerome.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 23 on W. half, and S 24 on E. half; dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 65.80 Drain, course W.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked
 T 15 N R 1 E on N. half;
 S 13 on NE. quad.,
 S 24 on SE. quad.,
 S 23 on SW. quad., and
 S 14 on NW. quad., and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, mountainous and rolling.
 Underbrush, scrub oak. No timber.
 Soil, medium loam, with loose rocks.

Thence I run,
 S. $89^{\circ}55'$ E. on random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect the Tp. line, 2 lks. N. of the cor. of secs. 13, 18, 19 and 24.
 Thence I run,
 N. $39^{\circ}54'$ W. on true line, bet. secs. 13 and 24.
 Descend slightly over rolling land, through dense underbrush.
 2.50 Telephone line, brs. NE. and SW.
 8.00 Road, brs. NE. and SW.; leave dense underbrush.
 40.02 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 13 on N. half and S 24 on S. half; dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 80.04 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling.
 Underbrush, scrub oak. No timber.
 Soil, heavy loam, with loose malpais stone.
 May 31, 1911.

June 1: At the cor. of secs. 13, 14, 23 and 24, I set off $21^{\circ}58\frac{1}{2}'$ N. on the decl. arc; $34^{\circ}41'$ N. on the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}01'$ W., bet. secs. 13 and 14.
 Over nearly level land, covered with loose rocks through scattering underbrush.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 14 on W. half, and S 13 on E. half; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 43.50 Wash, 25 lks. wide, course W.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked
 T 15 N R 1 E on N. half;
 S 12 on NE. quad.,
 S 13 on SE. quad.,

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Chains.

S 14 on SW. quad., and
S 11 on NW. quad., and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling.
Underbrush, scrub oak; no timber.
Soil, gumbo and loam, with loose malpais stone.

Thence I run,
S. $89^{\circ}54'$ E. on random line, bet. secs. 12 and 13.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect the Tp. line, 3 lks. S. of the cor. of secs. 7, 12,
13 and 18.
Thence I run,
N. $89^{\circ}55'$ W. on true line, bet. secs. 12 and 13.
Descend steep rocky slope, through scattering underbrush.
11.80 Wash, 20 lks. wide, course SW.
39.98 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 12 on N. half, and S 13
on S. half, and raise a mound of stone, 2 ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor.
49.00 Descent becomes gradual.
66.15 Road, bears NW. and SE.
79.96 The cor. of secs. 11, 12, 13 and 14.
Land, mountainous and rolling.
Underbrush, scrub oak. No timber.
Soil, heavy gumbo, with loose malpais stone.

Thence I run,
N. $0^{\circ}01'$ W., bet. secs. 11 and 12.
Over broken land, through dense underbrush.
8.50 Wash, 15 lks. wide, course W.
21.23 Road, brs. NW. and SE.
29.50 Wash, 15 lks. wide, course W.
40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 11 on W., and S 12 on E.
half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
56.00 Wash, 15 lks. wide, course W.
67.28 Wash, 15 lks. wide, course W.
80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 1, 2, 11 and 12, marked,
T 15 N R 1 E on N. half;
S 1 on NE. quad.,
S 12 on SE. quad.,
S 11 on SW. quad., and
S 2 on NW. quad., and raise a mound of stone, 2
ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, broken.
Underbrush, scrub oak and catclaw. No timber.
Soil, rocky and gravelly gumbo.

Thence I run,
S. $89^{\circ}55'$ E. on random line, bet. secs. 1 and 12
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.94 Intersect the Tp. bdy. line, 7 lks. N. of cor. of secs. 1, 6, 7
and 12.
Thence I run, N. $89^{\circ}52'$ W. on true line, bet. secs. 1 and 12.
Descend over broken land, through dense underbrush.
39.97 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,

Subdivision of Township 15 North, Range 1 East.

5.

Chains.

for 1/4 sec.cor., marked 1/4 S 1 on N.half; and S 12 on S.half; and raise a mound of stone, 2 ft.base, 1 1/2 ft. high, N.of cor.

62.00 Wash, 15 lks.wide, course SW.

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

Land, broken.

Underbrush, scrub oak and catclaw. No timber.

Soil, heavy gumbo, with loose malpais stones.

At this cor. I set off 21°59 1/2' N. on the decl.arc, and observe the sun on the meridian at noon; the resulting lat.is 34°43' N.

Thence I run, N.0°01'W., bet. secs.1 and 2, on random line.

40.00 Set temp. 1/4 sec.cor.

79.92 Intersect the N. Tp.line, 4 lks.E.of the cor.of secs.1 and 2.

Thence I run, S.0°03'E. on true line, bet. secs.1 and 2.

Over broken land, through dense underbrush, over loose rocks.

8.92 Wire fence, brs.E.and W.

12.00 Wash, 35 lks.wide, course SW.

39.92 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground for 1/4 sec.cor., marked 1/4 S 2 on W.half; and S 1 on E.half; and raise a mound of stone, 2 ft.base, 1 1/2 ft. high, W.of cor.

69.24 Wash, 15 lks.wide, course W.

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

Land, broken.

Underbrush, scrub oak. No timber.

Soil, rocky and gravelly, with a light loam.

From the cor.of secs. 2,3,34 and 35, on the S.bdy., I run, N.0°01'W., bet. secs.34 and 35.

Over nearly level land.

32.70 Road, bears NW.and SE.

40.00 Set a 1 in. iron post, 3 ft.long, 26 ins. in the ground, for 1/4 sec.cor., marked 1/4 S 34 on W.half, and S 35 on E.half; dig pits, 18x18x12 ins., N.and S.of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft.base, 1 1/2 ft. high, W.of cor.

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

T 15 N R 1 E on N.half;

S 26 on NE.quad.,

S 35 on SE.quad.,

S 34 on SW.quad., and

S 27 on NW.quad.; dig pits, 18x18x12 ins., in each sec.5 1/2 ft. dist., and raise a mound of earth, 4 ft.base, 2 ft.high, W.of cor.

Land,nearly level.

Underbrush, soap weed. No timber.

Soil, medium loam and gumbo, with loose gravel.

Thence I run, S.89°52'E., on random line, bet. secs.26 and 35.

40.00 Set temp. 1/4 sec.cor.

80.08 Intersect the N.and S. line, 7 lks.S.of the cor.of secs. 25,26,35 and 36.

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Chains.

Thence I run,
N.89°55'W., on true line, bet. secs.26 and 35.
Ascend steep slope, over loose rocks, through scattering
underbrush.

10.50 Top of ridge, bears N.and S. Descend steep rocky slope.

30.00 Over nearly level land.

40.04 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 26 on N.half; S 35 on S.
half; and raise a mound of stone, 2 ft.base, 1 1/2 ft.
high,N.of cor.

48.20 Road, bears N.and S.

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

Land, mountainous and level.
Underbrush, scrub oak and soapweed.
No timber.

Soil, rocky 3rd rate on hills and heavy gumbo, with small
loose rocks on level land, 2nd rate..

Thence I run,
N.0°01'W., bet. secs.26 and 27.
Over rolling land.

23.00 Wash, 30 lks.wide, course W.

27.18 Road, bears E.and W.

31.48 Wash,15 lks.wide, course SW.

35.51 Wash, 15 lks.wide, course SW.

40.00 Set a 1 in. iron post, 3 ft.long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 27 on W.; and S 26 on E.
half; and raise a mound of stone, 2 ft.base, 1 1/2 ft.
high,W.of cor.

45.72 Telephone line, bears NE.and SW.

50.00 Ascend steep rocky slope, through dense underbrush.

78.00 Top of ridge, bears E.and W. Descend steep rocky slope.

80.00 Set a 2 in.iron post, 3 ft.long, 24 ins. in the ground,
for cor.of secs .22,23,26 and 27, marked.

T 15 N R 1 E on N.half;

S 23 on NE.quad.,

S 26 on SE. quad.,

S 27 on SW.quad. and

S 22 on NW.quad., and raise a mound of stone 2 ft.
base, 1 1/2 ft. high,W.of cor.

Land,level and mountainous.

Underbrush, scrub oak. No timber.

Soil, medium loam; 2nd rate to 50.00 chs., rocky; 3rd rate
to 80.00 chs.

June 1st, 1911.

June 2nd.

Thence I run,
S.89°55'E. on random line, bet. secs.23 and 26.

40.00 Set temp. 1/4 sec.cor.

80.04 Intersect the N.and S. line, 4 lks.N.of cor.of secs.23,24,
25 and 36.

Thence I run,
N.89°53'W, on true line, bet. secs.23 and 26.

Descend steeply over loose rocks, through scattering un-
derbrush.

11.60 Wash, 25 lks.wide, course SW. Over flat.

16.00 Wash, 30 lks.wide, course SW.

17.54 Road, NE.and SW.

32.30 Telephone line, bears NE.and SW.

40.02 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 23 on N.half, and S 26 on
S.half; dig pits, 18x18x12 ins. E.and W.of stone,3

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Chains.

ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 62.00 Ascend steep rocky slope, through dense underbrush.
- 77.00 Top of ridge, brs. NE. and SW. Descend steep rocky slope.
- 80.04 The cor. of secs. 22, 23, 26 and 27.
Land, mountainous and level.
Underbrush, scrub oak. No timber.
Soil, rocky on the hills, and light loam; 2nd rate on flat.

Thence I run, N. 0° 01' W. bet. secs. 22 and 23. Descend steep rocky slope, through dense underbrush.

- 9.00 Wash, 10 lks. wide, course SW. Ascend.
- 14.00 Top of ridge, bears E. and W. Descend.
- 28.00 Draw, bears SE. Ascend.
- 30.00 Top of ridge, bears E. and W. Descend.
- 36.00 Draw, course W. Ascend.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground for 1/4 sec. cor., marked 1/4 S 22 on W. half, and S 23 on E. half; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 40.25 Road, bears E. and W.
- 70.00 Wash, 25 lks. wide, course W.
- 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked, T 15 N R 1 E on N. half, S 14 on NE. quad., S 23 on SE. quad., S 22 on SW. quad., and S 15 on NW. quad., and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
Rolling and mountainous.
Underbrush, scrub oak. No timber.
Soil, heavy gumbo, with loose malpais rocks.

Thence I run, S. 89° 53' E. on random line, bet. secs. 14 and 23.

- 40.00 Set temp. 1/4 sec. cor.
- 79.94 Intersect the N. and S. line, 4 lks. S. of the cor. of secs. 13, 14, 23 and 24.
Thence I run, N. 89° 55' W. on true line, bet. secs. 14 and 23. Descend over slightly rolling land.
- 39.97 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked 1/4 S 14 on N. half, and S 23 on S. half; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of post.
- 79.94 The cor. of secs. 14, 15, 22 and 23.
Land, rolling.
No timber or underbrush.
Soil, heavy gumbo, with small loose rocks.

At this cor. I set off 22° 07' N. on the decl. arc; 34° 41' N. on the lat. arc, and determine a meridian with the solar at 9h. 30m. l. m. t.

- Thence I run, N. 0° 01' W. bet. secs. 14 and 15.
Over level land.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked 1/4 S 15 on W. half; and S 14 on E. half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.

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Chains.

high, W. of cor.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked,
 T 15 N R 1 E on N. half;
 S 11 on NE. quad.,
 S 14 on SE. quad.,
 S 15 on SW. quad., and
 S 10 on NW. quad., and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of post,
 Land, level.
 No timber or underbrush.
 Soil, medium gumbo and loam, with small loose stones.

 Thence I run,
 S. $89^{\circ}55'$ E. on random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect the N. and S. line, 5 lks. S. of cor. of secs. 11, 12, 13 and 14.
 Thence I run,
 N. $89^{\circ}57'$ W. on true line, bet. secs. 11 and 14.
 Slowly descend through scattering underbrush.
 2.50 Wash, 15 lks. wide, course SW.
 40.01 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 11 on N. half; and S 14 on S. half; dig pits, 18x18x12 ins., E. and W. of stone, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 80.02 The cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Underbrush, scrub oak. No timber.
 Soil, heavy gumbo, with small loose malpais stones.
 At this cor. I set off $22^{\circ}07\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ}42'$ N.

 Thence I run,
 N. $0^{\circ}01'$ W., bet. secs. 10 and 11.
 Over rolling land.
 18.00 Drain, course WSW. Ascend steep slope, over loose rocks.
 35.00 Top of hill. Descend slowly along E. slope of hill.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 10 on W. half; and S 11 on E. half, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked
 T 15 N R 1 E on N. half;
 S 2 on NE. quad.,
 S 11 on SE. quad.,
 S 10 on SW. quad., and
 S 3 on NW. quad.; dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Foot of hill.
 Land, rolling and mountainous.
 No timber or underbrush.
 Soil, to 18 chs. medium loam, 2nd rate; to 80 chs. rocky 3rd rate.

 Thence I run,
 S. $89^{\circ}57'$ E. on random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect the N. and S. line, 8 lks. N. of the cor. of secs.

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Chains.

1,2,11 and 12.
 Thence I run,
 N.89°54'W. on true line, bet. secs.2 and 11.
 Descend gradually, through dense underbrush.
 40.05 Set a 1 in.iron post, 3 ft.long, 26 ins.in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 2 on N.half; and S 11 on S.
 half; dig pits, 18x18x12 ins., E.and W.of post, 3
 ft., and raise a mound of earth, 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.
 high,N.of cor.
 64.36 Road, brs.NNE. and SSW.
 70.00 Drain, course NW. Ascend.
 80.10 The cor.of secs.2,3,10 and 11.
 Land, nearly level.
 Underbrush, scrub oak. No timber.
 Soil, heavy gumbo,2nd rate.

Thence I run,
 N.0°01'W., on a random line, bet. secs.2 and 3.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.97 Intersect the N.bdy.of Tp. 9 lks.W.of the cor.of secs.2
 and 3.
 Thence I run,
 S.0°03'W., on true line, bet. secs.2 and 3.
 Across flat.
 19.20 Wash,25 lks.wide, course W. Over rolling land.
 39.65 Fence bears E.and W.
 39.97 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 3 on W.half; and S 2 on E.
 half; dig pits,18x18x12 ins. N.and S.of stone, 3 ft.
 dist., and raise a mound of earth, 2 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.
 high,W.of cor.
 65.46 Wire fence, bears NE.and SW.
 75.49 Wire fence, bears NW.and SE.
 79.97 The cor.of secs.2,3,10 and 11.

From the cor.of secs.3,4,33 and 34 on the S.bdy.
 Thence I run,
 N.0°02'W., bet. secs.33 and 34.
 Over slightly rolling land.
 40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 33 on W.half, and S 34 on
 E.half; dig pits, 18x18x12 ins. N.and S.of stone, 3
 ft.dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base,1 $\frac{1}{2}$
 ft.high,W.of cor.
 54.10 Road, bears NE.and SW.
 69.05 Telephone line, bears NE.and SW.
 80.00 Set a 2 in.iron post, 3 ft.lomg, 24 ins. in the ground,
 for cor.of secs. 27,28,33 and 34, marked
 T 15 N R 1 E on N.half;
 S 27 on NE. quad.,
 S 34 on SE.quad.,
 S 33 on SW. quad., and
 S 28 on NW.quad., and raise a mound of stone, 2 ft.
 base, 1 $\frac{1}{2}$ ft. high, W.of cor.
 Land, nearly level.
 No timber or underbrush.
 Soil, heavy gumbo with loose rocks.

Thence I run,
 S.89°52'E.on random line, bet. secs.27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.06 Intersect the N.and S. line, 4 lks.S.of cor.of secs.26,

10. Subdivision of Township 15 North, Range 1 East.

Chains.

27, 34 and 35.
 Thence I run,
 N.89°54'W. on true line, bet. secs.27 and 34.
 Over rolling land.
 20.80 Wash, 35 lks.wide, course SW.
 40.03 Set a 1 in. iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., bet. secs.27 and 34, marked $\frac{1}{4}$ S 27 on
 N.half, and S 34 on S.half; and raise a mound of stone
 2 ft.base, $1\frac{1}{2}$ ft. high,N.of cor.
 45.00 Road, NE.and SW.
 65.00 Telephone line, NE.and SW.
 80.06 The cor.of secs. 27,28, 33 and 34.
 Land,rolling.
 No timber, or underbrush.
 Soil, heavy gumbo, with small loose malpais stones.
 June 2, 1911.

 June 3: At the cor.of secs. 27,28, 33 and 34, I set off
 22° 14 $\frac{1}{2}$ 'N. on the decl.arc; 34°39 $\frac{1}{2}$ 'N. on the lat.arc,
 and determine a meridian with the solar at 7h.00m.a.m.,
 l.m.t.
 Thence I run,
 N.0°02'W., bet. secs.27 and 28.
 Over rolling land.
 40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 28 on W.half, and S 27 on
 on E.half; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$
 ft.high,W.of cor.
 80.00 Set a 2in.iron post, 3 ft.long, 24 ins. in the ground,for
 cor.of secs.21,22, 27 and 28, marked
 T 15 N R 1 E on N.half;
 S 22 on NE.quad.,
 S 27 on SE. quad.,
 S 28 on SW.quad., and
 S 21 on NW.quad., and raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft. high,W.of cor.
 Land,rolling.
 No timber,or underbrush.
 Soil, heavy loam, with small loose rocks, 2nd rate.

 Thence I run,
 S.89°54'E. on random line, bet. secs.22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.00 Intersect the N.and S. line 2 lks.N.of the cor.of secs.
 22,23,26 and 27.
 Thence I run,
 N.89°53'W. on true line, bet. secs.22 and 27.
 Descend steep mountainous land, through dense underbrush.
 33.00 Descent becomes less steep. Leave dense underbrush.
 40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 22 on N.half and S 27 on
 S.half; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.
 high,N.of cor.
 42.50 Wash,20 lks.wide, course SW. Over rolling land.
 54.90 Road, bears N.and S.
 80.00 The cor.of secs.21,22,27 and 28.
 Land, mountainous and rolling.
 Underbrush, scrub oak. No timber.
 Land, rocky and worthless for 33.00 chs.; heavy loam
 and gumbo for the rest of the mile, 3rd class.

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Chains.

Thence I run,
 N.0°02'W., bet. secs.21 and 22.
 Over rolling land, through dense underbrush.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 21 on W., and S 22 on E.
 half, and raise a mound of stone, 2 ft base, $1\frac{1}{2}$ ft.
 high, W.of cor.
 60.06 Smoke stack on stamp mill, brs.N.12°W.
 Shaft bears, N.16° W.
 House bears N.35°W.
 65.00 Wash, 20 lks.wide, course SW.
 75.06 Road, brs. NE.and SW.
 80.00 Set a 2 in. iron post, 3 ft long, 24 ins. in the ground,
 for cor.of secs.15,16,21 and 22, marked
 T 15 N R 1 E on N.half,
 S 15 on NE.quad.,
 S 22 on SE.quad.,
 S 21 on SW. quad., and
 S 16 on NW.quad., and raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft .high,W.of cor.
 Smoke stack of stamp mill, brs. S.6°15'W.
 Shaft bears S.9°45'W.
 House bears, S.22°30'W.
 Land, rolling.
 Underbrush, scrub oak and catclaw.
 Soil, heavy loam and rocky, 3rd rate.

Thence I run,
 S.89°53'E. on random line, bet. secs.15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.94 Intersect the N.and S. line 5 lks.S.of the cor.of secs.
 14,15,22 and 23.
 Thence I run,
 N.89°55'W. on true line, bet. secs.15 and 22.
 Along draw.
 39.97 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 15 on N. and S 22 on S.half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N.of cor.
 69.80 Wash, 20 lks.wide, course S. Ascend through dense under-
 brush.
 78.00 Road, N.and S.
 79.94 The cor.of secs.15,16,21 and 22.
 Land, level and rolling.
 Underbrush, scrub oak and cacti. No timber.
 Soil, heavy dark gumbo with loose rocks, 2nd rate.

Thence I run,
 N.0°02'W., bet. secs.15 and 16.
 Over rolling land, through dense underbrush.
 19.23 Intersect the Emmet Lode claim, Cor.No.2, brs.S.52°W., 7.52
 chs. dist.
 22.50 Road, brs.NW.and SE.
 25.50 Same road, brs.NE.and SW. Leave dense underbrush, brs.
 E.and W.
 31.72 Windmill brs.S.26°E.
 Shed, bears N.23°W.
 Shed bears N. 25°W.
 Windmill, bears N.37°45' E.
 Barn, bears N. 43°45'E.
 Shed, bears N.20°W.
 32.15 Fence brs.NW.and SE. Enter yard.
 34.00 Enter house, belongs to Bobbie Burns.

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Chains.

- 34.69 Leave house.
 36.56 Fence NE. and SW. Leave yard.
 38.83 Intersect the N. line of the Golden Eagle lode claim, Cor. No. 6, brs. N. $56^{\circ} 50'$ E., 12.90 chs dist.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 16 on W., and S 15 on E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 From $\frac{1}{4}$ sec. cor., the U. S. Mineral Monument No. 1 of Mineral Point Mining District brs. N. $36^{\circ} 51'$ E., 12.46 chs.
 44.00 Windmill brs. S. $8^{\circ} 45'$ E.
 Shed bears S. $15^{\circ} 30'$ W.
 Shed, bears S. $11^{\circ} 30'$ W.
 Windmill bears S. $36^{\circ} 50'$ E.
 Barn, bears S. $23^{\circ} 45'$ E.
 Shed, bears S. $9^{\circ} 30'$ W.
 47.00 Through dense underbrush, brs. E. and W.
 49.85 Wire fence brs. E. and W.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked,
 T 15 N R 1 E on N.,
 S 10 on NE.,
 S 15 on SE.,
 S 16 on SW., and
 S 9 on NW. quad., and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling.
 Underbrush scrub oak. No timber,
 Soil, to 40.00 chs.; heavy dark loam, 2nd rate; to 80.00 chs. rocky, 3rd rate. The water is 43 ft. deep in these wells, but both wells are on a ledge, and when drilling for water off of this ledge there was no water found at 100 ft. deep.

 Thence I run,
 S. $89^{\circ} 55'$ E. on random line, bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect the N. and S. line 2 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence I run,
 N. $89^{\circ} 54'$ W. on true line, bet. secs. 10 and 15.
 Over rolling land.
 28.00 Draw, course SW.
 29.28 Road, bears NE. and SW.
 39.99 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 10 on N. and S 15 on S. half; dig pits, 18x18x12 ins., E. and W. of cor., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 52.00 Draw, course S. Ascend E. slope of ridge.
 62.00 Road, brs. N. and S.
 79.98 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling.
 Underbrush, scrub oak. No timber.
 Soil, heavy loam, 2nd rate.
 At this cor. I set off $22^{\circ} 15\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 42'$ N.

 Thence I run,
 N. $0^{\circ} 02'$ W., bet. secs. 9 and 10.
 Along E. slope, through dense underbrush.

- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 9 on W. and S 10 on E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Chains.

- 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked T 15 N R 1 E on N., and S 3 on NE., S 10 on SE., S 9 on SW, and S 4 on NW. quad., and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Land, rolling and mountainous. Underbrush, scrub oak. No timber. Soil, light loam, with some large rocks in it; 3rd rate.
-
- Thence I run,
S. 89° 54' E. on random line, bet. secs. 3 and 10.
- 40.00 Set temp. ¼ sec. cor.
- 80.08 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 2, 3, 10 and 11.
- Thence I run,
N. 89° 50' W., on true line, bet. secs. 3 and 10.
Ascending through dense underbrush.
- 25.00 Top of hill. Descend.
- 36.00 Leave dense underbrush. Descent becomes more gradual.
- 40.04 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 3 on N., and S 10 on S., and dig pits, 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
- 48.00 Draw, course S. Ascend slowly.
- 74.50 Road, brs. N. and S.
- 80.08 The cor. of secs. 3, 4, 9 and 10.
Land, rolling and mountainous.
Underbrush, scrub oak and buck brush. No timber.
Soil, medium loam, with loose rocks, 2nd rate.
-
- Thence I run,
N. 0° 02' W. on random line, bet. secs. 3 and 4.
- 40.00 Set temp. ¼ sec. cor.
- 80.06 Intersect the N. bdy. 7 lks. W. of the cor. of secs. 3, 4, 33 and 34.
- Thence I run,
S. 0° 01' W. on true line, bet. secs. 3 and 4.
Over rolling land.
- 30.00 Draw, course W. Ascend.
- 36.00 Top of ridge, brs. E. and W. Descend.
- 40.06 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 4 on W., and S 3 on E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Over flat.
- 46.50 Road, brs. E. and W.
- 48.50 Wash, 15 lks. wide, course W.
- 54.00 Leave flat. Ascend steep rocky slope.
- 60.00 Over mountainous land, through dense underbrush.
- 80.06 The cor. of secs. 3, 4, 9 and 10.
Land, rolling and mountainous.
Underbrush, scrub oak. No timber.
Soil, to 60.00 chs. medium loam of 1st class; to 80.06 chs., rocky, 3rd rate.
-

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Chains.

- Thence I run,
N.0°02'W., bet. secs. 32 and 33.
Over rolling land.
- 11.42 Telephone line, brs. NE. and SW.
- 26.10 Draw, course W.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 32 on W. and S 33 on E. half;
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
- 57.50 Draw, course W.
- 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 28, 29, 32 and 33, marked,
T 15 N R 1 E on N.,
S 28 on NE.,
S 33 on SE.,
S 32 on SW., and
S 29 on NW. quad., and raise a mound of stone, 2
ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling.
No timber or underbrush.
Soil, medium dark loam of 1st class.

- Thence I run,
S.89°52'E. on random line, bet. secs. 28 and 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect the N. and S. line, 7 lks. S. of the cor. of secs.
27, 28, 33 and 34.
- Thence I run,
N.89°55'W. on true line, bet. secs. 28 and 33.
Over rolling land, through dense underbrush.
- 9.00 Draw, course SW.
- 40.01 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked,
 $\frac{1}{4}$ S 28 on N., and
S 33 on S. half; and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.02 The cor. of secs. 28, 29, 33 and 32.
Land, rolling.
No timber, or underbrush.
Soil, medium loam, with some loose rocks, 2nd rate.
June 3, 1911.

June 5: At 7h. a.m., l.m.t., I set off $34^{\circ} 39\frac{1}{2}'$ N. on the
lat. arc; $22^{\circ} 29'$ N. on the decl. arc, and determine a mer-
idian with the solar at the cor. of secs. 28, 29, 32 and
33.

- Thence I run,
N.0°02'W., bet. secs. 28 and 29.
Over rolling land.
- 7.66 Road, brs. NE. and SW.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 29 on W., and S 28 on E. half; dig
pits, 18x18x12 ins. N. and S. of cor. 3 ft. dist., and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.
- 80.00 Set a 2 in. iron post, 3 ft. long, 24 in. in the ground,
for cor. of secs. 20, 21, 28 and 29, marked,
T 15 N R 1 E on N.,
S 21 on NE.,
S 28 on SE.,
S 29 on SW., and
S 20 on NW. quad.; dig pits, 18x18x12 ins. in each

Subdivision of Township 15 North, Range 1 East.

15.

Chains.

sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 No timber or underbrush.
 Soil, medium loam, 1st class.

40.00 Thence I run, S.89°55'E' on random line, bet. secs.21 and 28.
 79.94 Set temp. ¼ sec.cor.
 The cor.of secs.21,22,27 and 28.
 Thence I run, N.89°55'W. on true line, bet. secs.21 and 28.
 Over rolling land.
 27.00 Wash, 25 lks.wide, course SW.
 29.00 Road, brs.N.and S.
 39.97 Set a 1 in.iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec.cor., marked ¼ S 21 on N. and S 28 on S.half; and raise a mound of stone, 2 ft.base, 1½ ft. high,N. of cor.
 79.94 The cor.of secs.28,29,32 and 33.
 Land, rolling.
 No timber, or underbrush.
 Soil, medium loam, with some loose rocks, 2nd rate.

40.00 Thence I run, N.0°02'W., bet. secs.20 and 21.
 Over rolling land.
 Set a 1 in.iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec.cor., marked ¼ S 20 on W., and S 21 on E. half; dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth, 3½ ft.base, 1½ ft. high,W.of cor.
 44.00 Ascend steep S.slope, over granite rocks, through dense underbrush.
 62.80 Top of rocky granite ridge, brs.SW.and NE. Along steep granite rocky W.slope.
 80.00 Set a 2 in.iron post, 3 ft.long, 24 ins. in the ground, for cor.of secs.16,17,20 and 21, marked
 T 15 N R 1 E on N.,
 S 16 on NE.,
 S 21 on SE.,
 S 20 on SW., and
 S 17 on NW. quad., and raise a mound of stone, 2 ft. base, 1½ ft. high,W.of cor.
 Land, rolling and mountainous.
 Underbrush, scrub oak. No timber.
 Soil, medium loam, 1st class to 44.00 chs.; rocky,4th rate to 80.00 chs.

40.00 Thence I run, S.89°55'E. on random line, bet. secs.16 and 21.
 79.88 Set a temp. ¼ sec.cor.
 Intersect the N.and S. line, 2 lks.N.of the cor.of secs. 15,16,21 and 22.
 Thence I run, N.89°54'W. on true line, bet. secs.16 and 21.
 Ascend over rocky land.
 16.00 Through dense underbrush, brs.N.and S. Ascent becomes steep and extremely rocky.

16. Subdivision of Township 15 North, Range 1 East.

Chains.

- 39.94 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 16 on N., and S 21 on S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 44.00 Top of high granite, rocky ridge, N. and S. Descend steep rocky slope.
- 79.88 The cor. of secs. 16, 17, 21 and 22.
Land, mountainous.
Underbrush, scrub oak. No timber.
Soil, rocky, 3rd and 4th rate.
At this cor. I set off $22^{\circ}30'$ N. on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ}41'N$.

-
- Thence I run,
N. $0^{\circ}02'$ W., bet. secs. 16 and 17.
Along rocky steep W. slope, through dense underbrush.
- 13.00 Wash, 20 lks. wide, course W.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 17 on W. and S 16 on E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 72.15 Cor. No. 1 of the Admiral Togo Lode claim brs. S. $75^{\circ}E$., 1.92 chs.
- 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked
T 15 N R 1 E on N.,
S 9 on NE.,
S 16 on SE.,
S 17 on SW., and
S. 8 on NW. quad., and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Underbrush, dense scrub oak. No timber.
Soil, rocky, 4th rate.

-
- Thence I run,
S. $89^{\circ}54'$ E. on random line, bet. secs. 9 and 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 9, 10, 15 and 16.
- Thence I run,
N. $89^{\circ}55'$ W. on true line, bet. secs. 9 and 16.
Ascend over granite ridge, through dense underbrush.
- 19.00 Top of ridge, brs. N. and S. Descend over granite rocks.
- 32.00 Draw, course S. Ascend.
- 34.58 Road, brs. N. and S.
- 39.99 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 9 on N., and S 16 on S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 67.00 Top of ridge, brs. N. and S. Descend steep rocky slope.
- 77.50 Cor. No. 1 of the Admiral Togo Lode claim, brs. S. $4^{\circ}16'W$., 8.37 chs.
- 79.98 The cor. of secs. 8, 9, 16 and 17.
Land, mountainous.
Underbrush, scrub oak. No timber.
Soil, rocky, 3rd and 4th rate.

Thence I run,
N. $0^{\circ}02'W$., bet. secs. 8 and 9.
Along steep rocky W. slope, through dense underbrush.

Subdivision of Township 15 North, Range 1 East. 17.

Chains.
 20.00 Drain, course W.
 40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 8 on W., and S 9 on E.half; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,W. of cor.
 40.21 Intersect the W.line of the Buster No.1 Lode claim, Cor.No.4 brs. S.31°32'W., 186 lks.dist. Over rolling land.
 48.00 Road, brs.NE.and SW.
 80.00 Set a 2 in.iron post, 3 ft.long, 24 ins. in the ground, for cor.of secs.4,5,8 and 9, marked, T 15 N R 1 E on N., S 4 on NE., S 9 on SE., S 8 on SW., and S 5 on NW. quad.; dig pits, 18x18x12 ins.,in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft.high,W.of cor.
 Land, mountainous and rolling.
 Underbrush, scrub oak. No timber.
 Soil, to 40.00 chs. rocky, 3rd rate; to 80.00 chs., medium loam, 2nd rate.

 Thence I run, S.89°55'E. on random line, bet. secs.4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.06 Intersect the N. and S.line,13 lks.N.of the cor.of secs. 3,4,9 and 10.
 Thence I run, N.89°49'W. on true line, bet. secs.4 and 9.
 Ascend over granite rocks, through dense underbrush.
 8.00 Top of ridge, brs.N.and S. Descend.
 20.80 Drain, course NW. Ascend.
 24.50 Top of ridge, brs.N.and S. Descend.
 28.00 Wash,20 lks.wide, course N. Over rolling land.
 40.03 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S 4 on N. and S 9 on S.half, and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high,N. of cor.
 55.73 Intersect line 1-2 Buster No.2 lode claim,whence cor.No. 1 brs.S.17°W., 3.66 chs.
 65.10 Intersect line 3-4 Buster Lode claim, whence Cor.No.3 brs.N.10°23'E, 0.36 chs.
 80.06 The cor.of secs.4,5,8 and 9.
 Land, mountainous and rolling.
 Underbrush, scrub oak. No timber.
 Soil, to 28.00 chs., rocky, 3rd rate; to 80.06 chs., medium loam, with loose rocks, 2nd rate.

 Thence I run, N.0°02'W., on random line, bet. secs.4 and 5.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.94 Cor.of secs.4,5,32 and 33.
 Thence I run, S.0°02'E. on true line, bet. secs.4 and 5.
 Over rolling land.
 10.15 Road, brs. NW.and SE.
 20.40 Old road, brs.NW.and SE.
 39.94 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 5 on W. and S 4 on E.half; dig pits, 18x18x12 ins. N.and S.of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.of cor.
 From $\frac{1}{4}$ sec.cor.,
 Bunk house brs.S.21°30'E.

18. Subdivision of Township 15 North, Range 1 East.

Chains.

House brs. S. 21° 25' E.
 Stack on mill. brs. S. 18° 30' E.
 Shaft and windmill, brs. S. 17° 50' E.
 79.94 The cor. of secs. 4, 5, 8 and 9.
 From this sec. cor.,
 Bank house brs. S. 59° 15' E.
 House, brs. S. 57° 35' E.
 Stack on mill brs. S. 53° 50' E.
 Shaft and windmill, S. 53° 00' E.
 Land, rolling.
 No timber or underbrush.
 Soil, medium loam of 1st class.

June 5th, 1911.

June 6th: At 7 a.m., l.m.t., I set off 34° 38½' N. on the lat. arc; 22° 36' N. on the decl. arc, and determined a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on the S. bdy.

Thence I run,
 N. 0° 03' W., bet. secs. 31 and 32.
 Descending steep slope.
 6.50 Wash, 20 lks. wide, course W.; ascend.
 12.00 Over rolling land.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 31 on W. and S 32 on E. half, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked,
 T 15 N R 1 E on N. half,
 S 32 on SE., S 29 on NE.,
 S 31 on SW., and
 S 30 on NW. quadrant; dig pits, 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 No timber or underbrush.
 Soil, heavy black gumbo, 1st class.

Thence I run,
 S. 89° 52' E., on random line, bet. secs. 29 and 32.
 40.00 Set temp. ¼ sec. cor.
 79.96 Intersect the N. and S. line, 4 lks. S. of the cor. of secs. 28, 29, 32 and 33.
 Thence I run,
 N. 89° 54' W. on true line, bet. secs. 29 and 32.
 Over rolling land.
 39.98 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 29 on the N. and S 32 on S. half, and build a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 48.62 Road, brs. N. and S.
 79.96 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 No timber, or underbrush.
 Soil, heavy dark gumbo, 1st class.

Thence I run,
 N. 89° 52' W. on random line, bet. secs. 30 and 31.
 40.00 Set temp. ¼ sec. cor.
 78.96 Intersect the W. bdy. of Tp. 7 lks. N. of the cor. of secs. 25,

Subdivision of Township 15 North, Range 1 East.

Chains.

30, 31 and 36.
Thence I run,
S.89°55'E. on true line, bet. secs.30 and 31.
Over rolling land.

38.96 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 30 on N., and S 31 on S.
half; dig pits, 18x18x12 ins., E.and W.of cor.3 ft.
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high, N.of cor.

78.96 The cor.of secs.29,30, 31 and 32.
Land, rolling.
No timber or underbrush.
Soil, medium dark loam, 2nd rate.

Thence I run,
N.0°03'W., bet. secs.29 and 30.
Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 30 on W., and S 29 on E.
half; dig pits 18x18x12 ins., N.and S.of cor. 3 ft.
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high,W.of cor.

80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor.of secs. 19,20, 29 and 30, marked,
T 15 N R 1 E on N.,
S 20 on NE.,
S 29 on SE.,
S 30 on SW, and
S 19 on NW.quad.; dig pits, 18x18x12 ins. in each
sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft.
base, 2 ft.high,W.of cor.
Land, rolling.
No timber, or underbrush.
Soil, light sandy loam, with some small loose rocks,2nd
rate.

Thence I run,
S.89°54' E.on random line, bet. secs.20 and 29.

40.00 Set temp. 1/4 sec.cor.
80.00 Intersect the N.and S. line, 3 lks.S.of the cor.of secs.
20,21,28 and 29.

Thence I run,
N.89°55'W., bet. secs.20 and 29.
Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for 1/4 sec.cor., marked 1/4 S 20 on N., and S 29 on S.
half; dig pits, 18x18x12 ins. E.and W.of cor. 3 ft.
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high,N.of cor.

80.00 The cor.of secs. 19,20,29 and 30.
Land, rolling.
No timber or underbrush.
Soil, medium light loam, with some small rocks,2nd rate.
At this cor.I set off 22°36 1/2'N. on the decl.arc, and ob-
serve the sun on the meridian at noon; the resulting
lat:is 34° 40 1/2'N.

Thence I run,
N.89°55'W. on random line, bet. secs.19 and 30.

40.00 Set temp. 1/4 sec.cor.

20. Subdivision of Township 15 North, Range 1 East.

Chains.

78.88 Intersect the W.bdy. of Tp. 18 lks.S.of the cor.of secs.
19,24, 25 and 30.

Thence I run,

3.89°47'E. on true line, bet. secs.19 and 30.

Over rolling land.

38.88 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 19 on N. and S 30 on S.half;
and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high,N.
of cor.

78.88 The cor.of secs. 19,20, 29 and 30.

Land, rolling.

No timber or underbrush.

Soil, light sandy loam with loose small stones; 2nd class.

Thence I run,

N.0°03' W., bet. secs. 19 and 20.

Over rolling land.

19.45 Road, brs.E.and W.

40.00 Set a 1 in.iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 19 on W., and S 20 on E.half;
dig pits, 18x18x12 ins., N.and S.of cor. 3 ft.dist., and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.of
cor.

75.58 Road,, NE.and SW.

80.00 Set a 2 in.iron post, 3 ft.long, 24 ins. in the ground,
for cor.of secs.17,18,19 and 20, marked,

T 15 N R 1 E on N.,

S 17 on NE.,

S 20 on SE.,

S 19 on SW., and

S 18 on NW. quad.; dig pits, 18x18x12ins. in each
sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft.
base, 2 ft.high,W.of cor.

Land, rolling.

No timber or underbrush.

Soil, light sandy loam, with some small stones, 2nd rate.

Thence I run,

S.89°55'E. on a random line, bet. secs.17 and 20.

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

80.06 Intersect the N.and S. line, 3 lks.N.of the cor.of secs.
16,17,20 and 21.

Thence I run,

N.89°54'W. on true line, bet. secs.17 and 20.

Descend steep slope, through dense underbrush.

15.00 Drain, course N.; ascend.

22.00 Top of ridge, brs.N.and S.; descend.

30.00 Over rolling land. Leave underbrush, brs.N.and S.

40.03 Set a 1 in.iron post 3 ft.long, 26 ins.in the ground,for
 $\frac{1}{4}$ sec.for., marked $\frac{1}{4}$ S 17 on N., and S 20 on S.half;and
raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high,W.of
cor.

77.00 Road, brs.NE.and SW.

80.06 The cor.of secs.17,18,19 and 20.

Land, rolling and mountainous.

Underbrush, scrub oak. No timber.

Soil, to 30.00 chs. rocky,4th rate; to 80.06 chs.,light loam,
with loose rocks, 2nd rate.

Subdivision of Township 15 North, Range 1 East.

Chains.

Thence I run,
 N.89°47'W., on random line, bet. secs.18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.90 Intersect the W.bdy.of Tp., 21 lks.N.of the cor.of secs.
 13,18,19 and 24.
 Thence I run,
 S.89°56'E., on a true line, bet. secs.18 and 19.
 Over rolling land.
 38.90 Set a 1 in. iron post, 3 ft. long, 26 ins., in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 18 on N., and S 19 on S.
 half; and dig pits 18x18x12 ins. E.and W.of cor.3 ft.
 dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
 high, N.of cor.
 78.90 The cor.of secs.17,18,19 and 20.
 Land, rolling.
 No timber or underbrush.
 Soil, light medium loam, with some small stones, 2nd rate.

Thence I run,
 N.0°03'W., bet. secs.17 and 18.
 Over rolling land.
 40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 18 on W. and S 17 on E.half;
 dig pits, 18x18x12 ins., N.and S.of cor. 3 ft. dist., and
 raise a mound of earth, 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft. high,W.of
 cor.
 80.00 Set a 2 in. iron post, 3 ft.long, 24 ins. in the ground,
 for cor.of secs. 7,8,17 and 18, marked
 T 15 N R 1 E on N.,
 S 8 on NE.,
 S 17 on SE.,
 S 18 on SW., and
 S 7 on NW. quad.; dig pits, 18x18x12 ins. in
 each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4
 ft.base, 2 ft.high,W.of cor.
 Land, rolling.
 No timber or underbrush.
 Soil, light loam, with some small stones, 2nd class.
 June 6th, 1911.

June 7: At 7 a.m., 1 $\frac{1}{2}$ m.t., I set off 34° 42' N.on the
 lat.arc; 22°42' 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,
 S.89°54'E., on random line, bet. secs.8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.08 Intersect the N.and S. line 2 lks.S.of the cor. of secs.
 8,9,16 and 17.
 Thence I run,
 N.89°55' W., on true line, bet. secs. 8 and 17.
 Gently descending over rolling land.
 6.50 Cor.No.4 Admiral Togo Lode claim, brs.S.4° 16'W., 6.02
 chs.
 29.00 Road, NE.and SW.
 40.04 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 8 on N., and S 17 on S.half;
 dig pits, 18x18x12 ins. E.and W.of cor. 3 ft. dist., and
 raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N.of
 cor.
 80.08 The cor.of secs.7,8,17 and 18.
 Land, rolling.
 No timber or underbrush.
 Soil, light sandy loam, with some small stones, 2nd rate.

22. Subdivision of Township 15 North, Range 1 East.

Chains.

- Thence I run,
N.89°56'W., on random line, bet. secs.7 and 18.
40.00 Set temp. $\frac{1}{4}$ sec.cor.
78.82 Intersect the W.bdy.of Tp. 2 lks.S. of the cor. of secs.
7,12,13 and 18.
Thence I run,
S.89°55'E., on true line, bet. secs.7 and 18.
Over rolling land.
38.82 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 7 on N., and S 18 on S.
half; dig pits, 18x18x12 ins., E.and W.of cor. 3 ft.
dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N.of cor.
78.82 The cor.of secs.7,8,17 and 18.
Land, rolling.
No timber or underbrush.
Soil, light medium sandy loam, with some loose stone, 2nd
class.

- Thence I run,
N.0°03'W., bet. secs.7 and 8.
Over rolling land.
40.00 Set a 1 in.iron post, 3 ft.long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 7 on W.,and S 8 on E.half;
dig pits, 18x18x12 ins. N.and S.of cor. 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,W.
of cor.
79.20 Wash, 15 lks.wide, course W.
80.00 Set a 2 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor.of secs.5,6,7, and 8, marked
T 15 N R 1 E on N.,
S 5 on NE.,
S 8 on SE.,
S 7 on SW., and
S 6 on NW. quad.; dig pits, 18x18x12 ins. in each
sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
base, 2 ft.high,W.of cor.
Land, rolling.
No timber, or underbrush.
Soil, light medium loam, with some loose rocks, 2nd rate.

- Thence I run,
S.89°55'E. on random line, bet. secs.5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec.cor.
80.04 Intersect the N.and S. line, 12 lks.N.of the cor. of secs.
4,5,8 and 9.
Thence I run,
N.89°50'W., on true line, bet. secs.5 and 8.
Over rolling land.
40.02 Set a 1 in.iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 5 on N. and S 8 on S.half;
dig pits, 18x18x12 ins. E.and W.of cor. 3 ft.dist.,and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,N.of
cor.
80.04 The cor.of secs.5,6,7 and 8.
Land, rolling.
No timber or underbrush.
Soil, light medium loam, with some loose stones, 2nd
class.

- Thence I run,
N.89°55'W. on random line, bet. secs.6 and 7.
40.00 Set temp. $\frac{1}{4}$ sec.cor.

Chains.

- 78.83 Intersect the W.bdy. of Tp., 5 lks.N.of cor,of secs.1,6, 7 and 12.
Thence I run,
S.89°57' E. on true line, bet. secs.6 and 7.
Over rolling land.
- 38.83 Set a 1 in. iron post, 3 ft.long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 6 on N., and S 7 on S.half;
dig pits, 18x18x12 ins., E.and W.of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high,
N.of cor.
- 78.83 The cor.of secs.5,6,7 and 8.
Land, rolling.
No timber or underbrush.
Soil, medium loam, with some loose stones, 2nd rate.
At this cor.I set off $22^{\circ} 42\frac{1}{2}'$ N. on the decl.arc, and
observe the sun on the meridian at noon; the result-
ing lat.is $34^{\circ} 43'$ N.

-
- 40.00 Thence I run,
N.0°03'W.on random line, bet. secs.5 and 6.
Set temp. $\frac{1}{4}$ sec.cor.
 - 79.88 Intersect the N.bdy. of Tp.14 lks.W.of the cor.of secs.
5,6,31 and 32.
Thence I run,
S.0°03'W.on true line, bet. secs.5 and 6.
Over rolling land.
 - 39.88 Set a 1 in.iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 6 on W., and S 5 on E.half;
dig pits, 18x18x12 ins. N.and S.of cor. 3 ft. dist.,and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,W.of
cor.
 - 79.88 The cor.of secs.5,6,7 and 8.
Land, rolling.
No timber or underbrush.
Soil, medium sandy loam, with some loose rocks, 2nd rate.
June 7, 1911.

GENERAL DESCRIPTION.

This Tp. is mostly all slightly rolling land, with moun-
tains. The rolling land would be good farming land,if
supplied with irrigating water. The soil is medium, and
of a nature that would not take much water for irrigation,
probably 2 acre feet per year. There does not seem to
be a good underground supply of water.
There are no settlers other than noted in these notes.
There is no water other than noted in these notes.

Ernest W. Rodolf
U.S.Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 2352

A list of the names of the individuals employed by Fred W. Rodolf

....., United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of subdivision of Tp. 15 N., R. 1 E.

showing the respective capacities in which they acted:

- H. N. Bradstreet....., *Chainman.*
- L. E. Flanagan....., *Chainman.*
- Oliver Nofzinger....., *Moundman.*
-, *Moundman.*
- Wallace R. Bond....., *Axman.*
-, *Axman.*
- Theodore Secor....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Fred W. Rodolf

....., United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the subdivision of Township 15 North, Range 1 East

..... of the Gila and Salt River Base & meridian, State of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for Arizona

- H. N. Bradstreet....., *Chainman.*
- L. E. Flanagan....., *Chainman.*
- O. Nofzinger....., *Moundman.*
-, *Moundman.*
- Wallace R. Bond....., *Axman.*
-, *Axman.*
- Theodore Secor....., *Flagman.*

Subscribed and sworn to before me this 7th, day of June, 19 11

Fred W. Rodolf

U. S. Surveyor



5325
BOOK 2352

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Fred W. Rodolf, United States ~~Deputy~~ Surveyor, do solemnly swear that, under instructions in ~~presence of a contract~~ received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 11th day of April, 1911, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of subdivision of Township 15 North Range 1 East

of the Gila and Salt River Base & meridian, in the State of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Fred W. Rodolf
United States ~~Deputy~~ Surveyor.

Subscribed by said Fred W. Rodolf and sworn to before me }
this 21 day of May, 1912

W. J. Cannon
UNITED STATES FOREST SERVICE
DISTRICT OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. June 12, 1912

The foregoing field notes of the survey of the Subdivisions of T. 15 N. R. 1 E. of the S. & R. Meridian Arizona

executed by Fred W. Rodolf under his ~~contract~~ No. 11, dated April 11, 1911, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

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.

United States Surveyor General.