

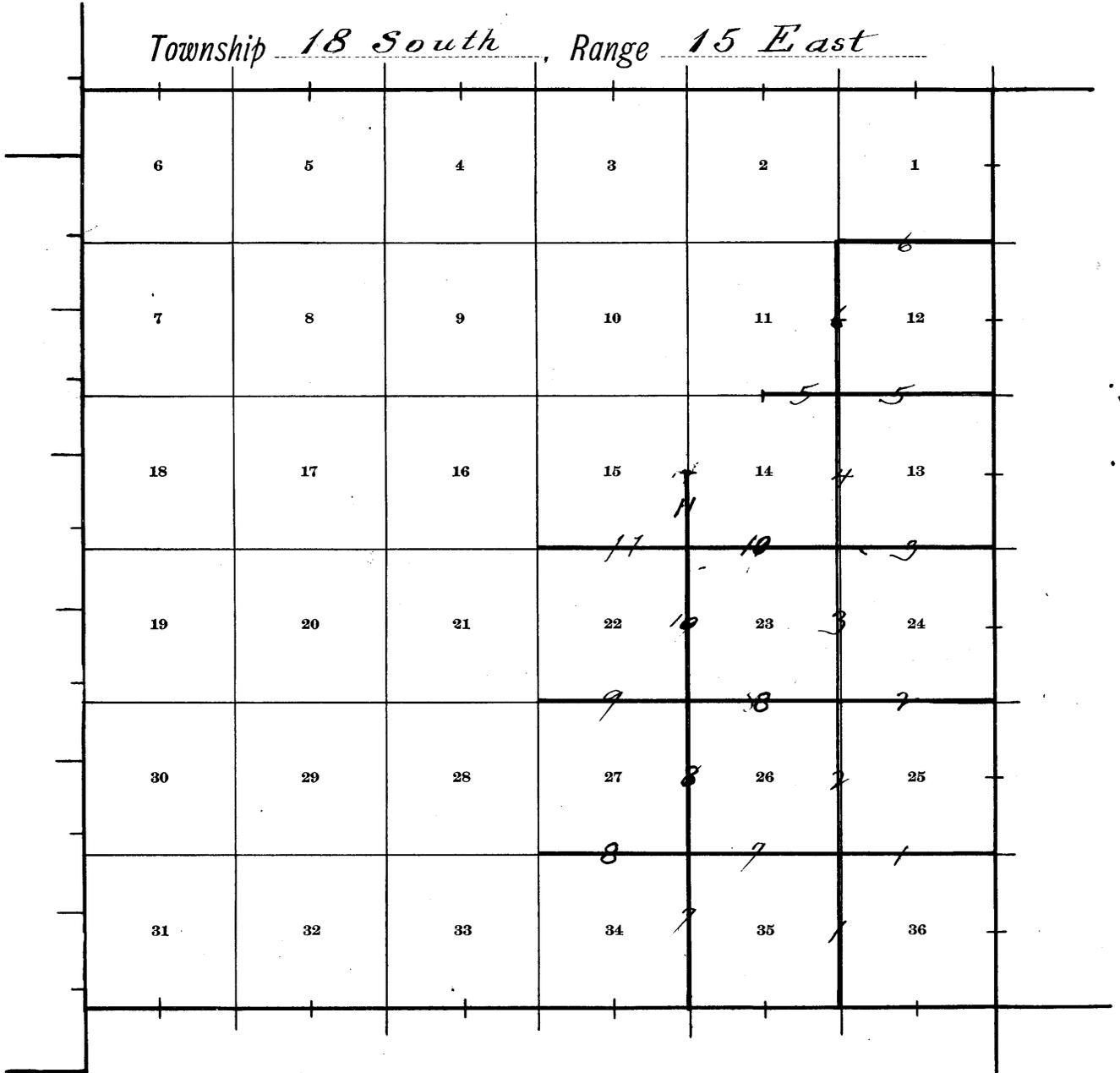


1913

BOOK 2498

# INDEX DIAGRAM.

Township *18 South*, Range *15 East*



—— This Book  
 - - - - Accepted Surveys.

## Chains.

Survey commenced April 5, 1913, and executed jointly by Jesse B. Wright and William H. Elliott, using Young & Son's light mountain transits Nos. 8145 and 8492 respectively, heretofore described.

Knowing from recent and repeated tests made on a true meridian established by observation of Polaris that the solar apparati and instruments are in correct adjustment, we proceed as follows: -

(Initials J. B. W. and W. H. E. indicate the lines as surveyed by Wright and Elliott, respectively.)

J. B. W.

At 9h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, on the S. bdy. of the Tp., which is a granite stone 16x10x5 ins. above ground, marked and witnessed as described by the Surveyor General,

I set off  $6^{\circ}02'N.$  on the decl. arc, and  $31^{\circ}48\frac{1}{2}'N.$  on the lat. arc, and determine a meridian with the solar.

Thence I run, as per instructions,

N.  $0^{\circ}1'W.$ , bet. secs. 35 & 36.

Over broken mts. land, desc. through dense oak and pinon.

Var.  $13\frac{1}{2}^{\circ}E.$

4.50 Wash, 50 lks. wide, course E., asc. grad. along SW. slope, on E. side of wash.

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

$\frac{1}{4}$  S 35 in W., and

S 36 in E. half; from which,

An oak tree 13 ins. diam. brs. S.  $40^{\circ}W.$  20 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

An oak tree 10 ins. diam. brs. N.  $10^{\circ}E.$  48 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

50.00 Top of high ridge from peak on main divide to E., brs. W. & E., desc. steep.

60.00 Desc. along WNW. slope. Leave timber, brs. E. & W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap, T 18 S R 15 E, in N. half,

S 26 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 in SW. quad.;

raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony, dry, gravelly. Oak, scrub oak pinon, fair grass.

At this cor., at noon, I set off  $6^{\circ}04\frac{1}{2}'N.$  on the decl. arc, and observe the sun on the meridian.

The resulting lat. is  $31^{\circ}49\frac{1}{2}'N.$

East, on a random line, bet. secs. 25 & 36.

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

79.92 Intersect E. bdy. of Tp. at cor. of secs. 25, 30, 31 & 36, which is a quartzite stone 12x5x5 ins. above ground, marked and witnessed as described by the Surveyor-General, whence I run,

West, on a true line, bet. secs. 25 & 36.

Over mts. land, asc. grad. E. slope of Santa Rita Mta.

4.00 Wash, 40 lks. wide, course ESE.

12.00 Gulch, 20 lks. wide, course SSE.

16.00 Gulch, 30 lks. wide, course SE., asc. steep.

21.10 Intersect line 3-4 of Erie Lode, Survey No. 1297, whence Cor. No. 3 brs. N.  $8^{\circ}10'E.$  685 chs. dist.

29.00 Spur, brs. SSE., from NW., desc.

33.80 Gulch, 10 lks. wide, course S., asc.

37.03 Intersect line 1-2 Chicago Lode, Survey No. 1297, whence Cor. No. 2 brs. N.  $8^{\circ}32'E.$  71 lks. dist.

39.55 Intersect line 1-4 Marion Lode, Survey No. 1297, whence Cor. No. 4 brs. N.  $42^{\circ}15'E.$  239 lks. dist.

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

$\frac{1}{4}$  S 25 in N., and

S 36 in S. half;

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

## Chains.

- BOOK 2498
- 51.83 Intersect Line 2-3 Marion Lode, Survey No. 1297, whence  
Cor. No. 3 brs. N.  $42^{\circ}15'$  E. 10.65 chs. dist.  
Asc. prec.
- 62.00 Top of high rocky ridge, main divide of Santa Rita Mts.,  
brs. N. & S., desc. prec.
- 79.92 To cor. of secs. 25, 26, 35 & 36, hereinbefore described.  
Land, mts., rough, broken.  
Soil, 3rd & 4th rate, gravelly, stony, dry.  
Few oak and pinons, scrib oak, sparse grass, cacti.  
April 5, 1913.

April 6, 1913.

- At 8h a.m., l.m.t., at the cor. of secs. 25, 26, 35 & 36, hereinbefore described  
I set off  $6^{\circ}24'$  N. on the decl. arc, and  $31^{\circ}49\frac{1}{2}'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ}1'$  W., bet. secs. 25 & 26.  
Over mts. land, along broken W. slope.
- 29.00 U. S. L. M. No. 1 brs. N.  $15^{\circ}36'$  E.  
desc. grad.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 $\frac{1}{4}$  S 26 in W., and  
S 25 in E. half; from which,  
An oak tree 8 ins. diam. brs. S.  $63^{\circ}$  E. 44 lks. dist.,  
marked  $\frac{1}{4}$  S 25 B T.  
An oak tree 6 ins. diam. brs. S.  $75^{\circ}$  W. 34 lks. dist.,  
marked  $\frac{1}{4}$  S 26 B T.
- 53.00 Spur, brs. NW. & SE., desc. steep.
- 66.00 Gulch, course W., from ESE.
- 71.00 Gulch, 30 lks. wide, course W., asc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 23, 24, 25 & 26, marked on  
brass cap, T 18 S R 15 E, in N. half,  
S 23 in NW.,  
S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry.  
Scrub oak, cacti, fair grass.  
At this cor., at noon, I set off  $6^{\circ}27\frac{1}{2}'$  N. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is  $31^{\circ}50\frac{1}{2}'$  N.

East, on a random line, bet. secs. 24 & 25.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.80 Intersect E. bdy. of Tp. 14 lks. N. of cor. of secs.  
19, 24, 25 & 30, which is a limestone  $10 \times 6 \times 5$  ins. above  
ground, marked and witnessed as described by the  
Surveyor-General, whence I run,  
N.  $89^{\circ}54'$  W., on a true line bet. secs. 24 & 25.  
Over mts. land, asc. steep.
- 23.00 Top of high rocky divide, brs. N. & S., Santa Rita Mts. desc.
- 39.90 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 $\frac{1}{4}$  S 24 in N., and S 25 in S. half; from which,  
An oak tree 8 ins. diam. brs. S.  $10^{\circ}$  W. 42 lks. dist.,  
marked  $\frac{1}{4}$  S 25 B T.  
A double oak tree 10 ins. diam. brs. N.  $73^{\circ}$  E. 133 lks. dist.,  
marked  $\frac{1}{4}$  S 24 B T.
- 61.00 Gulch, 50 lks. wide, course NW., asc.
- 68.00 Wire fence, on spur, brs. NNW. & SSE., desc.
- 79.80 To cor. of secs. 23, 24, 25 & 26, hereinbefore described.  
Land, mts., broken, rough.  
Soil, 3rd rate, gravelly, stony, dry.  
Few oak trees, scrub oak, cacti, sparse grass.  
April 6, 1913.

Chains.

- hereinbefore described
- BOOK 2498
- April 7, 1913.  
 At 8h a.m., l.m.t., at the cor. of secs. 23, 24, 25 & 26,  
 I set off  $6^{\circ}47'$  N. on the decl. arc, and  $31^{\circ}50'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N.  $0^{\circ}1'$  W., bet. secs. 23 & 24.  
 Over mts. land, along broken W. slope, desc.
- 23.42 Wash, 30 lks. wide, course NW., asc.  
 26.42 Wire fence, brs. E. & W.  
 29.60 Spur, brs. W. & E., desc.  
 33.36 Wash, 30 lks. wide, course W., asc.  
 39.00 Flat spur, brs. W. & E., desc.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in W., and  
 S 24 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 44.22 U. S. M. M. No. 1 brs. East, 26.73 chs. dist.  
 48.10 Road, brs. E. & W.  
 50.00 Wash, 80 lks. wide, course WSW., asc.  
 51.73 Intersect line 1-2 of New Mexico Lode, Survey No. 1388,  
 whence Cor. No. 1 brs. N.  $25\frac{1}{2}^{\circ}$  E. 387 lks. dist.  
 55.00 Telephone line, brs. E. & W., from Helvetia Mines to  
 Helvetia and Tucson.  
 56.02 Intersect line 1-4 New Mexico Lode, Survey No. 1388, whence,  
 Cor. No. 1 brs. S.  $64\frac{1}{2}^{\circ}$  E. 185 lks. dist., identical with  
 S. centre end mon. of Tally Ho Lode.  
 Cor. No. 2 of Tally Ho Lode, Survey No. 1388,  
 brs. N.  $64\frac{1}{2}^{\circ}$  W. 269 $\frac{1}{2}$  lks. dist.
- 60.50 Ridge, brs. W. & E., desc.  
 71.62 Gulch, 30 lks. wide, course SW. thence along W. slope.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 10 ins. in  
 the ground, on bed-rock, in mound of stone for  
 cor. of secs. 13, 14, 23 & 24, marked on  
 brass cap, T 18 S R 15 E, in N. half,  
 S 14 in NW.,  
 S 13 in NE.,  
 S 24 in SE., and  
 S 23 in SW. quad.;
- raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, mts., broken. Soil, 3rd rate, gravelly, dry.  
 Sparse scrub oak, cacti, fair grass.  
 At this cor., at noon, I set off  $6^{\circ}47\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}51'$  N.
- 
- 40.00 S.  $89^{\circ}54'$  E., on a random line, bet. secs. 13 & 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.52 Intersect E. bdy. of Tp. 35 lks. N. of cor. of  
 secs. 13, 18, 19 & 24, which is a limestone  $10 \times 8 \times 6$  ins.  
 above ground, marked and witnessed as described by the  
 Surveyor-General, whence I run,  
 N.  $89^{\circ}39'$  W., on a true line, bet. secs. 13 & 24.  
 Over mts. land,  
 2.00 Top of high rocky divide, brs. N. & S., desc. prec.  
 5.00 Desc. abrupt 50 ft., thence desc. very steep.  
 11227 Intersect line 3-4 Arcola Lode, Survey No. 1308, whence  
 Cor. No. 3 brs. N.  $1^{\circ}20'$  W., 7.09 chs. dist.  
 19.72 Intersect line 1-2 Arcola Lode, whence,  
 Cor. No. 2 brs. N.  $1^{\circ}20'$  W., 354 lks. dist.  
 22.00 Foot of main slope, brs. N. & S., desc. grad.  
 32.87 Intersect line 3-4 Antelope Lode, Survey No. 1311, whence  
 Cor. No. 4 brs. S.  $19^{\circ}$  W. 269 lks. dist.,  
 39.00 Gulch, 50 lks. wide, course NW., asc.  
 39.76 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 13 in N., and  
 S 24 in S. half; from which,  
 An oak tree 10 ins. diam. brs. S.  $31\frac{1}{2}^{\circ}$  W. 54 lks. dist.,  
 marked  $\frac{1}{4}$  S 24 B T.  
 No other bearings available,  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

## Chains.

BOOK 2498

41.05 Intersect line of E. bdy. of Brunswick Lode, whence  
Cor. No. 2 of Pilot Lode, Survey No. 1388, on line of  
E. bdy. Brunswick Lode, brs. S.  $25^{\circ}30'$  W. 8 lks. dist.  
Asc. SE. slope of ridge.

49.50 Ridge, brs. NW. & SE., desc. SW. slope.

54.50 Old mining plant 5 chs. to S., many cuts, tunnels, shafts,  
and stamp mill, engine house, etc. adjoining.

56.50 Spur, brs. SW. & NE., desc. NW. slope.

76.70 Intersect line 1-2 Exchange Lode, survey No. 1388, whence  
Cor. No. 2 brs. N.  $64\frac{1}{2}^{\circ}$  W.  $40\frac{1}{2}$  lks. dist.

79.52 To cor. of secs. 13, 14, 23 & 24, ~~hereinbefore~~ described.  
Land, mts., broken, rough.  
Soil, 3rd & 4th rate, gravelly, stony, dry.  
Few oak trees, scrub oak, cacti, fair grass in places.  
April 7, 1913.

April 8, 1913. (hereinbefore described)  
At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,  
I set off  $7^{\circ}9'$  N. on the decl. arc, and  $31^{\circ}51'$  N. on the  
lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ}1'$  W., bet. secs. 13 & 14.  
Over mts., broken land, desc.

1.34 Intersect line 3-4 Leader Lode, Survey No. 1388, whence,  
Cor. No. 3 Leader Lode brs. N.  $64\frac{1}{2}^{\circ}$  W. 90 lks. dist.,  
same cor. being Cor. No. 4 Water Wish Lode,  
Cor. No. 1 Wisconsin Lode, and  
Cor. No. 2 Exchange Lode, Survey No. 1388.

5.30 Gulch, 30 lks. wide, course WSW., asc.

18.30 Ridge, brs. E. & W. desc.

22.50 Head of gulch, course NW., thence over broken land.

24.53 Intersect line 2-3 Wisconsin Lode, Survey No. 1388, whence  
Cor. No. 3 brs. N.  $25\frac{1}{2}^{\circ}$  E., 181 lks. dist.  
Leave patented lands.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 14 in W., and  
S 13 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

43.80 Spur, brs. W. & E., desc. steep.

61.00 Head of gulch, course W., asc.

70.00 Spur, brs. W. & SE., desc.

72.50 Gulch, 20 lks. wide, course WNW., asc.

75.50 Spur, brs. W., from ENE., desc.

77.00 Gulch, 15 lks. wide, course WSW., asc.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 11, 12, 13 & 14, marked on  
brass cap, T 18 S R 15 E, in N. half,  
S 11 in NW.,  
S 12 in NE.,  
S 13 in SE., and  
S 14 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, dry.  
Scattering scrub oak, cacti, fair grass.  
At this cor., at noon, I set off  $7^{\circ}12\frac{1}{2}'$  N. on the decl. arc,  
and observe the sun on the meridian.  
The resulting lat. is  $31^{\circ}52'$  N.

Chains.

40.00 S. 89°39' E., on a random line, bet. secs. 12 & 13. **BOOK 2498**  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.60 Intersect E. bdy. of Tp. 5 lks. S. of cor. of  
 secs. 7, 12, 13 & 18, which is a quartzite stone 8x6x6  
 ins. above ground, marked and witnessed as described  
 by the Surveyor General, whence I run,  
 N. 89°41' W., on a true line, bet. secs. 12 & 13.  
 Over mts. land, desc.  
 12.00 Gulch, 20 lks. wide, course NNW., asc.  
 21.00 Flat spur, brs. SSE. & NNW., desc. grad.  
 32.00 Gulch, 30 lks. wide, course SSE., asc.  
 39.80 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 12 in N., and  
 S 13 in S. half;  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 45.00 S. end of hill, brs. SSE. & NNW., desc. prec.  
 50.00 Head of gulch, course SSE., asc. prec.  
 56.00 Top of high limestone ridge, brs. N. & S., desc. prec.  
 79.00 Gulch, 15 lks. wide, course SSW., asc. steep.  
 79.60 To cor. of secs. 11, 12, 13 & 14, ~~hereinbefore~~ described.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry, stony.  
 Scrub oak, cacti, fair grass.

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above described

39.91 From the cor. of secs. 11, 12, 13 & 14, I run,  
 West, on a random line, bet. secs. 11 & 14.  
 Find  $\frac{1}{4}$  sec. cor. 23 lks. to N. of line, which is a quartz  
 stone 18x6x6 ins. above ground, marked and witnessed  
 as described by the Surveyor-General, whence I run,  
 S. 89°41' E., on a true line, bet. secs. 11 & 14,  
 measuring from the  $\frac{1}{4}$  sec. cor.  
 2.80 Wash, 30 lks. wide, course SW., asc.  
 29.50 Top of SW. side of hill, brs. SW. & NE., desc.  
 39.91 To cor. of secs. 11, 12, 13 & 14, ~~hereinbefore~~ described.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry.  
 Sparse scrub oak, cacti, fair grass.  
 April 8, 1913.

Chains.

BOOK 2498

April 9, 1913. hereinafter described  
 At 8h a.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14,  
 I set off  $7^{\circ}31\frac{1}{2}'$  N. on the decl. arc, and  $31^{\circ}52'$  N. on the  
 lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N.  $0^{\circ}1'$  W., on a random line, bet. secs. 11 & 12.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.20 Intersect Cor. of secs. 1, 2, 11 & 12, which is a quartz  
 stone  $8 \times 6 \times 6$  ins. above ground, marked and witnessed as  
 described by the Surveyor-General, whence I run,  
 S.  $0^{\circ}1'$  E., on a true line, bet. secs. 11 & 12.  
 Over mts., broken land, asc.  
 5.00 Ridge, brs. NNW. & SSE., near N. end, thence along W.  
 side of same.  
 20.00 Desc.  
 23.00 Head of wash, course NE., asc.  
 28.00 Road, brs. NW. & SE.,  
 28.80 Ridge, brs. NW. & SE.  $33.45$  ~~wide~~,  $30$  lks. wide, course NNW.  
 33.25 Gulch, 20 lks. wide, course WNW., asc.  
 35.00 Low point of spur, brs. NNE. & SSW., desc.  
 39.20 Wash, 30 lks. wide, course NNE., asc.  
 40.20 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in W., and  
~~bad~~ S 12 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 42.70 Gulch, 30 lks. wide, course NNW., asc.  
 65.00 Ridge, brs. E. & W., desc.  
 80.20 To cor. of secs. 11, 12, 13 & 14. hereinafter described  
 Land, very broken, mts.  
 Soil, 3rd rate, gravelly, loose, dry.  
 Scrub oak, cacti, greasewood, fair grass.  
 At this cor., at noon, I set off  $7^{\circ}35'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}52'$  N.

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From established cor. of secs. 1, 2, 11 & 12 heretofore described, I run,  
 S.  $89^{\circ}41'$  E. on a random line, bet. secs. 1 & 12.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.58 Intersect E. bdy. of Tp. 5 lks. N. of cor. of  
 secs. 1, 6, 7 & 12, which is a sandstone  $12 \times 6 \times 6$  ins.  
 above ground, marked and witnessed as described by the  
 Surveyor General, whence I run,  
 N.  $89^{\circ}39'$  W., on a true line, bet. secs. 1 & 12.  
 Over mts. land desc.  
 1.00 NW. point of ridge, brs. NW. & SE., desc.  
 30.00 Gulch, 20 lks. wide, course NW. & asc.  
 38.50 Ridge, brs. WNW. & ENE., desc.  
 39.79 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 1 in N., and  
 S 12 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 42.00 Head of gulch, course S., asc.  
 46.00 Top of S. side of ridge, brs. E. & W., desc.  
 56.00 Enter gulch, course W., from ESE.  
 60.00 Bend in gulch, flowing water, 4 lks. wide, 2 ins. deep,  
 60.20 Leave gulch, course NW., asc. prec.  
 66.50 Spur, brs. WNW., desc.  
 69.00 Gulch, 20 lks. wide, course NW., asc.  
 77.50 Gulch, 20 lks. wide, course NNW., asc.  
 79.00 Spur, N. end, brs. N. & S., desc.  
 79.58 To cor. of secs. 1, 2, 11 & 12. hereinafter described  
 Land, mts., very broken.  
 Soil, 3rd rate, gravelly, loose, dry.  
 Scrub oak, cacti, fair grass.

April 9, 1913.

J. B. W.

Chains.

W. H. E.

BOOK 2498

April 5, 1913.

At 9h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, on the S. bdy. of the Tp., which is a granite stone 12x6x6 ins. above ground, marked and witnessed as described by the Surveyor-General, I set off 6° 02' N. on the decl. arc, and 31° 48½' N. on the lat. arc, and determine a meridian with the solar. thence I run,

N. 0° 1' W., bet. secs. 34 & 35.

Over mts. land, asc. steep.

- 3.00 High rocky ridge, brs. WNW. & ESE., desc. steep.
- 37.50 Gulch, 20 lks. wide, course W., wire fence, brs. SSW. & NNE., asc. steep.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 34 in W., and S 35 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Cor. on top of ridge, brs. W. & E.
- 50.00 Gulch, 20 lks. wide, course W., asc.
- 60.00 Ridge, brs. W. & E., desc.
- 72.50 Wire fence, brs. SE. & NW.
- 73.00 Gulch, 20 lks. wide, course W., asc. steep.
- 75.00 Spur, brs. SW. & NE., desc.
- 76.00 Gulch, 50 lks. wide, course SW., asc. steep.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 & 35, marked on brass cap, T 18 S R 15 E, in N. half, S 27 in NW., S 26 in NE., S 35 in SE., and S 34 in SW. quad.; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, mts., very rough and broken. Soil, 3rd rate, gravelly, stony, dry. Scrub oak, cacti, fair grass. At this cor., at noon, I set off 6° 04½' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 49½' N.

East, on a random line, bet. secs. 26 & 35.

- 40.00 Set temp. ¼ sec. cor.
- 79.96 Intersect N. & S. line 5 lks. N. of cor. of secs. 25, 26, 35 & 36, ~~hereinbefore described~~ N. 89° 58' W., on a true line, bet. secs. 26 & 35. Over mts. land, desc. steep.
- 9.00 Gulch, 25 lks. wide, course N., asc. steep.
- 22.77 Top of spur, brs. N. & S., desc.
- 26.00 Head of gulch, course NNE., asc.
- 32.00 Ridge, brs. SE. & NW., desc.
- 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 26 in N., and S 35 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
- 46.00 Gulch, 20 lks. wide, course SW., asc.
- 48.00 Spur, brs. SW. & NE., desc.
- 53.00 Gulch, 10 lks. wide, course S., asc.
- 61.00 Spur, brs. S., from ridge to N., desc.
- 75.00 Gulch, 10 lks. wide, course S., asc.
- 79.96 To cor. of secs. 26, 27, 34 & 35. ~~hereinbefore described~~ Land, mts., very broken. Soil, 3rd rate, gravelly, stony, dry. Scrub oak, cacti, fair grass.

April 5, 1913.

Chains.

BOOK 2498

- April 6, 1913. ~~at the cor. of secs. 26, 27, 34 & 35~~ ~~hereinbefore described~~  
 At 8h a.m., l.m.t., at the cor. of secs. 26, 27, 34 & 35,  
 I set off  $6^{\circ}24'$  E. on the decl. arc, and  $31^{\circ}49\frac{1}{2}'$  N. on the  
 lat. arc, and determine a meridian with the solar.  
 thence I run,  
 West., on a random line, bet. secs. 27 & 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. & S. line 5 lks. S. of cor. of  
 secs. 27, 28, 33 & 34, <sup>a granite stone 10x6x6 ins. above ground, marked & witnessed</sup>  
 S.  $89^{\circ}58'$  E., on a true line, bet. secs. 27 & 34.  
 Over mts. land, along broken S. slope.  
 18.00 House of Feliz Ruelas brs. S. 8 chs. dist.  
 40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 27 in N., and  
 S 34 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 51.67 Wire fence, brs. N. & S., cor. of fence 50 lks. to S.,  
 runs ENE. from cor.  
 57.00 Wire fence, brs. WSW. & ENE.,  
 66.00 Gulch, 30 lks. wide, course WSW., asc.  
 74.20 Wire fence, brs. WNW. & ESE.  
 76.00 Spur, brs. WSW. & ENE., asc. on same.  
 80.08 To cor. of secs. 26, 27, 34 & 35, hereinbefore described.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, stony, dry.  
 At this cor., at noon, I set off  $6^{\circ}27\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}49\frac{1}{2}'$  N.
- 
- N.  $0^{\circ}1'$  W., bet. secs. 26 & 27.  
 Over mts. land, asc. steep.  
 15.00 Ridge, brs. E. & W., desc.  
 32.00 Gulch, 15 lks. wide, course NW., asc.  
 38.00 Spur, brs. W. & E., desc.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 27 in W., and  
 S 26 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 44.00 Gulch, 20 lks. wide, course WSW., asc.  
 48.00 W. point of spur, brs. WSW., from Ridge, to E., desc.  
 50.00 Gulch, 30 lks. wide, course W., ascend.  
 59.00 Over rolling land.  
 66.00 Wash, 15 lks. wide, course W.,  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for ~~cor. of secs.~~ 22, 23, 26 & 27, marked on  
 brass cap, T 18 S R 15 E, in N. half,  
 S 22 in NW.,  
 S 23 in NE.,  
 S 26 in SE., and  
 S 27 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, mts., broken, rolling.  
 Soil, 3rd rate, gravelly, dry, stony, loose.  
 Scrub oak, sage brush, cacti, fair grass.  
 April 6, 1913.

Chains.

April 7, 1913. hereinafter described  
 At 8h a.m., l.m.t., at the cor. of secs. 22, 23, 26 & 27;  
 I set off  $6^{\circ}47'$  N. on the decl. arc, and  $31^{\circ}50\frac{1}{2}'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 S.  $89^{\circ}58'$  E., on a random line, bet. secs. 23 & 26.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.82 Intersect N. & S. line 9 lks. S. of cor. of  
 secs. 23, 24, 25 & 26, ~~hereinafter described~~, whence I run,  
 S.  $89^{\circ}58'$  W., on a true line, bet. secs. 23 & 26.  
 Over mts. land, desc. barren rocky hill.  
 14.00 Gulch, 50 lks. wide, NW., asc. steep, stony NE. slope.  
 33.80 Spur, brs. N. & S., thence along prec. N. slope.  
 39.91 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in N., and  
 $\frac{1}{4}$  S 26 in S. half; from which,  
 An oak tree 7 ins. diam. brs. S.  $60^{\circ}$  W. 15 lks. dist.,  
 marked  $\frac{1}{4}$  S 26 B T.  
 An oak tree 3 ins. diam. brs. N.  $72^{\circ}$  E. 14 lks. dist.,  
 marked  $\frac{1}{4}$  S 23 B T.  
 Asc. steep from cor.  
 43.75 Top of rocky spur, on N. end of hill, brs. N. & S.,  
 desc. steep, NW. slope.  
 62.00 Foot of main slope, brs. NNE. & SSW., desc. grad.  
 79.82 To cor. of secs. 22, 23, 26 & 27, hereinafter described.  
 Land, mts., rough, broken.  
 Soil, 3rd rate, stony, gravelly, dry,  
 Scrub oak, cacti, fair grass.  
 At this cor., at noon, I set off  $6^{\circ}49\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}50\frac{1}{2}'$  N.

N.  $89^{\circ}58'$  W., on a random line, bet. secs. 22 & 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. S.S. line 23 lks. N. of cor. of  
 secs. 21, 22, 27 & 28, which is a granite stone 6x6x5 ins.  
 above ground, marked and witnessed as described by the  
 Surveyor General, whence I run,  
 N.  $89^{\circ}52'$  E., on a true line, bet. secs. 22 & 27.  
 Over heavily rolling, broken land, asc. grad.  
 1.00 Road, brs. N. & S.  
 2.00 Wash, 60 lks. wide, course WNW.  
 19.00 Wash, 35 lks. wide, course WNW.  
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 22 in N., and  
 $\frac{1}{4}$  S 27 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 41.00 Telephone line, brs. NNE. & SSW., (unused).  
 80.04 To cor. of secs. 22, 23, 26 & 27, hereinafter described.  
 Land, rolling, broken.  
 Soil, 3rd rate, sandy, gravelly, loose. dry.  
 Sparse sage brush, scrub oak, cacti, fair grass.  
 April 7, 1913.

## Chains.

BOOK 2498

April 8, 1913. (hereinafter described)  
 At 8h a.m., l.m.t., at the cor. of secs. 22, 23, 26 & 27,  
 I set off  $7^{\circ} 9'$  N. on the decl. arc, and  $31950\frac{1}{2}'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N.  $0^{\circ} 1'$  W., bet. secs. 22 & 23.  
 Over heavily rolling, broken land, drains to W.  
 2.20 Wash, 40 lks. wide, course W.  
 37.00 Gulch, 22 lks. wide, course SW.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 22 in W., and  
 S 23 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 50.00 Gulch, 50 lks. wide, course WSW.  
 47.90 Intersect Line 2-3 of Elgin Mill Site, Survey No. 1388,  
 whence, Cor. No. 3 brs. N.  $89^{\circ} 38'$  W. 1.40 chs. dist.  
 52.00 Telephone line, brs. E. & W.  
 53.00 Enter wash, course W.  
 59.50 Leave wash, course WNW., asc.  
 59.73 S. wall of large adobe building on line, brs. E. & W.  
 61.20 N. wall of building, brs. E. & W.  
 61.35 Street, brs. E. & W., west end of mining camp of  
 Helvetia, main camp brs. east, 24 chs. dist.,  
 numerous buildings, shacks, etc., mostly abandoned. desc.  
 64.00 Wash, 40 lks. wide, course W., asc. grad.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 14, 15, 22 & 23, marked on  
 brass cap, T 18 S R 15 E, in N. half,  
 S 15 in NW.,  
 S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, heavily rolling, broken.  
 Soil, 3rd rate, gravelly, loose, stony, dry.  
 Scrub mesquite, catclaw, cacti, sparse grass.

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At the above described cor., at noon, clouds obscure the  
 sun, impracticable to observe the lat. accurately.

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40.00 N.  $89^{\circ} 58'$  E. on a random line, bet. secs. 14 & 23.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.60 Intersect N. & S. line 19 lks. S. of cor. of  
 secs. 13, 14, 23 & 24, ~~hereinafter described~~, whence I run,  
 S.  $89^{\circ} 50'$  W., on a true line, bet. secs. 14 & 23.  
 Over broken, mts. land, desc.  
 1.64 Intersect line 1-4 of Water Wish Lode, Survey No. 1388,  
 whence cor. No. 4 brs. N.  $25\frac{1}{2}^{\circ}$  E. 192 lks. dist.  
 5.00 Wash, 30 lks. wide, course SW., asc. grad.  
 24.60 Top of ridge, brs. S. & N., desc. grad.  
 39.89 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 14 in N., and  
 S 23 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 43.10 Old road, brs. NE. & SW.  
 55.00 Gulch, 30 lks. wide, course SW., asc. grad.  
 76.00 Spur, brs. SSW. & NNE., desc.  
 79.60 To cor. of secs. 14, 15, 22 & 23, ~~hereinafter described~~.  
 Land, broken, mts.  
 Soil, 3rd rate, gravelly, dry, loose.  
 Sparse sage brush, greasewood, cacti, poor grass.  
 April 8, 1913.

## Chains.

- April 9, 1913. (hereinbefore described)  
 At 8h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23,  
 I set off  $7^{\circ}31\frac{1}{2}'$  N. on the decl. arc, and  $31^{\circ}51'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 S.  $89^{\circ}52'$  W., on a random line, bet. secs. 15 & 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. & S. line 47 lks. S. of cor. of  
 secs. 15, 16, 21 & 22, which is a limestone  $8 \times 5 \times 6$  ins.  
 above ground, marked and witnessed as described by  
 the Surveyor General, whence I run,  
 S.  $89^{\circ}48'$  E., on a true line, bet. secs. 15 & 22.  
 Over mts., broken land, asc. grad.  
 2.30 Wash, 30 lks. wide, course NW.  
 10.95 Road, brs. NNW. & SSE.  
 33.32 Wire fence, brs. NW. & SE.  
 35.09 Wire fence, brs. N. & S.  
 40.05 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 15 in N., and  
 S 22 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 54.02 Intersect line 3-4 of South End Lode, Survey No. 1305,  
 whence cor. No. 3 brs. S.  $15^{\circ}$  E. 6.96 chs. dist.  
 54.00 Desc. grad.  
 63.00 Desc. steep.  
 63.44 Intersect line 1-6 of South End Lode, Survey No. 1305,  
 whence cor. No. 1 brs. S.  $15^{\circ}$  E., 4.47 chs. dist.  
 63.92 Intersect line 3-4 of Monitor Lode, Survey No. 1305,  
 whence cor. No. 3 brs. S.  $31^{\circ}$  E. 6.96 chs. dist.,  
 76.10 Desc. grad.  
 74.55 Intersect line 1-6 Monitor Lode, Survey No. 1305, whence  
 Cor. No. 1 brs. S.  $31^{\circ}$  E. 1.45 chs. dist.  
 75.70 Road, brs. N. & S., asc. grad.  
 77.33 Intersect line 3-4 Elgin Lode, Survey No. 1388, whence  
 Cor. No. 1 of Monitor Lode on same line brs.  
 S.  $59^{\circ}$  W., 239 lks. dist.  
 80.10 To cor. of secs. 14, 15, 22 & 23, hereinbefore described.  
 Land, broken, mts., rolling.  
 Soil, 3rd rate, stony, dry, gravelly.  
 Greasewood, cacti, sage brush, sparse grass.  
 At this cor., at noon, I set off  $7^{\circ}35'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}51'$  N.
- 
- 40.24 N.  $0^{\circ} 1'$  W., on a random line, bet. secs. 14 & 15.  
 Find  $\frac{1}{4}$  sec. cor. 7 lks. to W. of line,  
 which is a limestone  $8 \times 5 \times 6$  ins. above ground, marked  
 and witnessed as described by the Surveyor-General,  
 whence I run,  
 S.  $0^{\circ} 7'$  E., on a true line, bet. secs. 14 & 15.  
 Over heavily rolling, broken land, asc. grad.  
 1.10 Road, brs. SE. & NW.  
 11.50 Same road, brs. NE. & SW.  
 12.00 Gulch, 80 lks. wide, course NE.  
 17.75 Intersect line 3-4 Chance Lode, Survey No. 1388, whence  
 cor. No. 3 brs. S.  $64^{\circ}04'$  W. 2.66 chs. dist.  
 23.83 Intersect line 2-3 Chance Lode, whence  
 Cor. No. 3 brs. S.  $25^{\circ}08'$  W., 5.47 chs. dist.  
 32.00 Spur, brs. W. & E., desc.  
 30.14 Intersect line 3-4 Newman Lode, Survey No. 1304, whence  
 Cor. No. 4 brs. S.  $71^{\circ}29'$  W., 5.82 chs. dist.  
 38.85 Intersect line 1-6 Newman Lode, Survey No. 1304, whence  
 Cor. No. 6 brs. S.  $67^{\circ}41'$  W. 3.23 chs. dist.  
 40.24 To cor. of secs. 14, 15, 22 & 23, hereinbefore described  
 Land, broken, mts.  
 Soil, 3rd rate, stony, dry gravelly.  
 Scrub oak, greasewood, cacti, sparse grass.  
 April 9, 1913. W. H. E.

BOOK 2498

General Description.

The portion of T. 18 S., R. 15 E. as surveyed by us is in general rough, broken and mountainous.

There is some agricultural land along the washes in the western surveyed portion. Most of the land is suitable for grazing purposes.

Feliz Ruelas, in the NW.  $\frac{1}{4}$  of sec. 34 has substantial house, with well, corral, etc., water being piped to this ranch from a small spring about  $\frac{1}{2}$  mile to the east of the house.

Helvetia mining camp is located in sec. 23, consisting of numerous houses for dwellings, stores, offices, etc., mostly abandoned at present, as but little mining is being done at or near the camp.

There is no timber in the Tp. Water is found in several small springs to the east of Helvetia Camp.

Much of the land is highly mineralized, a number of the mines having been good producers when worked.

*James B. Wright*

*William B. Elliott*

U. S. Surveyors.

*Map showing...*

*and...*



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13  
BOOK 2498

For FINAL OATH OF UNITED STATES SURVEYOR.

See Book "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, Ariz., *Jan. 26*, 1914.

The foregoing field notes of the survey of *the completion of* \_\_\_\_\_  
Subdivision of Township 18 South, Range 15 East,  
of the Gila and Salt River Base and Meridian, Arizona,

executed by *Jesse B. Wright and William H. Elliott, U.S. Surveyors,*  
*their supplemental*  
under ~~the special~~ instructions dated *March 10, 1913*, 1914, 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*  
U. S. 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.~~