

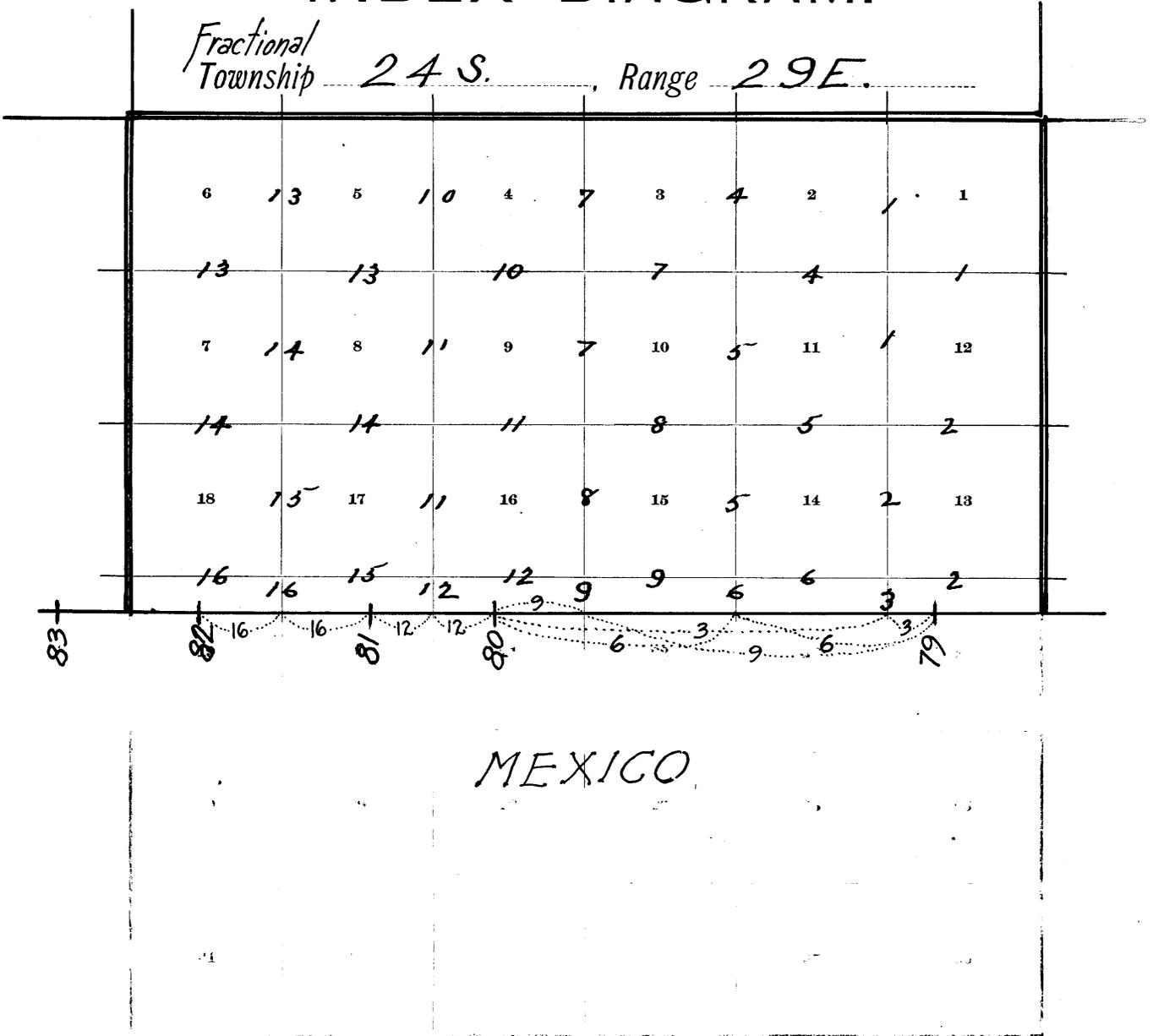


17A2

BOOK 2488  
BOOK 2488

### INDEX DIAGRAM.

Fractional Township 24 S. Range 29 E.



——— Book "A"  
 ——— Book "D"  
 ——— Book "G"

## Chains.

- Jan. 8, 1913.  
Knowing from recent and repeated tests made on a true meridian established by observation of Polaris, that my instrument, as heretofore described, is in correct adjustment, I proceed as follows: -  
At 8h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, On the North boundary of the Tp. recently established by me & described in Book D,  
I set off  $22^{\circ}14'$  S. on the decl. arc, and  $31^{\circ}22\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instruction,  
S.  $0^{\circ}1'$  E., bet. secs. 1 & 2.  
Var.  $13^{\circ}$  E.  
Over rolling land, through dense greasewood, catclaw, sage brush, scrub mesquite, cacti, sparse grass.
- 23.00 Centre of draw, 4 chs. wide, course E.  
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 2 in W., and  
S 1 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 53.00 Draw, 3 chs. wide, course SE.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap, T 24 S R 29 E, in N. half,  
S 2 in NW.,  
S 1 in NE.,  
S 12 in SE., and  
S 11 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling. Soil, 3rd rate, gravelly, sandy, loose.  
Greasewood, catclaw, cacti, scrub mesquite, fair grass.
- 
- 40.00 S.  $89^{\circ}44'$  E., on a random line, bet. secs. 1 & 12.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect East Bdy. of Tp. 2 lks. N. of cor. of secs. 1, 6, 7 & 12, recently established by me & described in Book D, whence I run, N.  $89^{\circ}43'$  W., on a true line, bet. secs. 1 & 12.  
Over rolling land, through dense greasewood and sage brush.
- 33.70 Wire drift fence, brs. NNE. & SSW.  
40.01 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.
- 60.00 Centre of draw, 4 chs. wide, course SE.  
61.30 Wash, 15 lks. wide, course SE.  
80.02 To cor. of secs. 1, 2, 11 & 12, heretofore described.  
Land, rolling. Soil, 3rd rate, gravelly, dry.  
Sage brush, greasewood, cacti, fair grass.
- 
- S.  $0^{\circ}1'$  E., bet. secs. 11 & 12.  
Over rolling land.
- 6.50 Enter draw, course ESE.  
6.73 Road, brs. ESE. & WNW.  
14.00 Wash, 30 lks. wide, course ESE.  
18.00 Leave draw.  
24.96 Road, brs. E. & W.  
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 11 in W., and  
S 12 in E. half;  
dig pits 18x18x12 ins. N. & 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.
- 78.00 Centre of draw, 3 chs. wide, course E.  
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 24 S R 29 E, in N. half,  
S 11 in NW., S 12 in NE.,  
S 13 in SE., and S 14 in SW. quad.;

Chains.

raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling. Soil, 3rd rate, gravelly, dry.  
Sage brush, greasewood, scrub mesquite, cacti, fair grass.

S.  $89^{\circ}43'$  E., on a random line, bet. secs. 12 & 13.

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

79.96 Intersect East Bdy. of Tp. 2 lks. S. of cor. of  
secs. 7, 12, 13 & 18, recently estab. by me & described in Book D, whence I run,  
N.  $89^{\circ}44'$  W., on a true line, bet. secs. 12 & 13.

39.98 Over rolling land, through scrub mesquite and catclaw.

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;

79.05 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
Wire drift fence, brs. NNE. & SSW.

79.96 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.

Land, rolling. Soil, 3rd rate, gravelly, dry.

Scrub mesquite, catclaw, sage brush, greasewood, cacti.

At this cor. at noon, I set off  $22^{\circ}13\frac{1}{2}'$  S. on the decl.

arc, and observe the sun on the meridian.

The resulting lat. is  $31^{\circ}21'$  N.

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S.  $0^{\circ}1'$  E., bet. secs. 13 & 14.

Over rolling land, through dense catclaw, mesquite.

2.47 Wire drift fence, brs. NNE. & SSW.

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;

44.07 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Telephone line, brs. E. & W.

59.49 Road, brs. ESE. & WNW.

65.85 Wash, 25 lks. wide, course E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 13, 14, 23 & 24, marked on  
brass cap, T 24 S R 29 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, rolling.

Soil, 3rd rate, gravelly, dry.

Mesquite, cacti, catclaw, sage brush, fair grass.

S.  $89^{\circ}44'$  E., on a random line, bet. secs. 13 & 24.

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

79.92 Intersect E. bdy. of Tp. 2 lks. N. of cor. of  
secs. 13, 18, 19 & 24, recently estab. by me & described in Book D, whence I run,  
N.  $89^{\circ}43'$  W., on a true line, bet. sec. 13 & 24.

34.00 Over rolling land, through dense mesquite and catclaw.

39.96 Wash, 30 lks. wide, course SSE.

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;

79.92 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
To cor. of secs. 13, 14, 23 & 24, hereinbefore described.

Land, rolling. Soil, 3rd rate, gravelly, dry.

Mesquite brush, catclaw, cacti, fair grass.

Chains.

BOOK 2488

5.41 S.  $0^{\circ} 1'$  E., bet. secs. 23 & 24.  
Over rolling land.  
Intersect International Boundary Line between the  
United States and Mexico at a point whence,  
Mon. No. 79 on said line brs. S.  $89^{\circ} 57'$  E. 23.62 chs.  
dist. which is an iron monument marked and witnessed  
as described by the Surveyor-General.  
Mon. No. 80 on said line brs. N.  $89^{\circ} 57'$  W. 208.78 chs.  
dist., which is a sectional iron monument marked and  
witnessed as described by the Surveyor-General.  
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for closing cor. of secs. 23 & 24, marked on  
brass cap, C C, S. of centre,  
MEX in S., and  
U S, T 24 S R 29 E, in N. half,  
S 23 in NW., and  
S 24 in NE. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry.

Jan. 8, 1913.

EGG 2488

Chains.

Jan. 9, 1913.  
 At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35,  
 on the N. bdy. of the Tp., recently estab. by me & described in Book D  
 I set off  $22^{\circ}04\frac{1}{2}'$  S. on the decl. arc, and  $31^{\circ}22\frac{1}{2}'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 S.  $0^{\circ} 1'$  E., bet. secs. 2 & 3.  
 Over broken land, drains to E. & SE.  
 17.00 Enter draw, course SE.  
 18.74 Road, brs. NE. & SW.  
 23.00 Wash, 10 lks. wide, course SE.  
 27.00 Leave draw, asc. grad.  
 31.50 Top of low hill, brs. E. & W., 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 3 in W., and  
 S 2 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 49.90 Wash, 20 lks. wide, course SE.  
 64.60 Wash, 90 lks. wide, course E.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 2, 3, 10 & 11, marked on  
 brass cap, T 24 S R 29 E, in N. half;  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, broken.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite brush, catclaw, cacti, greasewood, sage brush,  
 fair grass.

40.00 S.  $89^{\circ}44'$  E., on a random line, bet. secs. 2 & 11.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of  
 secs. 1, 2, 11 & 12, ~~hereinbefore described~~, whence I run,  
 N.  $89^{\circ}45'$  W., on a true line, bet. secs. 2 & 11.  
 Over broken, rolling land, through dense brush.  
 11.00 Enter draw, course ESE.  
 15.90 Road, brs. SE. & NW.  
 20.00 Wash, 30 lks. wide, course SE.  
 23.12 Road, brs. ESE. & 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 2 in N., and  
 S 11 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 49.50 Old road, brs. N. & S.  
 51.50 Wash, 30 lks. wide, course S.  
 54.00 Road, brs. N. & S.  
 80.04 To cor. of secs. 2, 3, 10 & 11, hereinbefore described.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Sage brush, mesquite, catclaw, cacti, good grass.

| Chains. |   |
|---------|---|
|         | S. $0^{\circ} 1'$ E., bet. secs. 10 & 11.   |
|         | Over rolling land, through scrub mesquite brush, asc.   |
| 13.20   | Ridge, brs. WNW. & ESE., desc.  |
| 27.93   | Wash, 20 lks. wide, course E., asc. 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 10 in W., and S 11 in E. half;  |
|         | raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.   |
| 43.50   | Top of hill, brs. E. & W.   |
| 45.50   | House of J. E. Howard brs. East, 20 chs. dist., about ?.  |
| 51.50   | Centre of draw, 2 chs. wide, course E.  |
| 58.39   | Road, brs. NNE. & SSW.  |
| 61.84   | Wire fence, brs. NNE. & SSW.  |
| 64.50   | Centre of draw 6 chs. wide, course NE., asc. grad.  |
| 80.00   | Top of W. side of hill.   |
|         | Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T 24 S R 29 E, in N. half, S 10 in NW., S 11 in NE., S 14 in SE., and S 15 in SW. quad.;   |
|         | raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.   |
|         | Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite brush, catclaw, cacti, fair grass.   |
|         | <hr/>   |
|         | S. $89^{\circ} 45'$ E., on a random line, bet. secs. 11 & 14.   |
| 40.00   | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.00   | Intersect N. & S. line 2 lks. N. of cor. of secs. 11, 12, 13 & 14, <del>hereinbefore described</del> , whence I run, N. $89^{\circ} 44'$ W., on a true line, bet. secs. 11 & 14.  |
|         | Over rolling land, desc. grad.  |
| 10.00   | Draw, 5 chs. wide, course NE., asc. grad.   |
| 38.80   | Wire fence, brs. NW. & SE.  |
| 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 11 in N., and S 14 in S. half;  |
|         | raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.   |
|         | Asc. NE. slope from cor.  |
| 50.00   | Top of N. end of low hill, brs. N. & S.   |
| 59.00   | Desc. NW. slope.  |
| 70.00   | Desc. W. slope.   |
| 80.00   | To cor. of secs. 10, 11, 14 & 15, <del>hereinbefore described</del> . Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite brush, cacti, greasewood, fair grass. At this cor., at noon, I set off $22^{\circ} 5'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ} 21'$ N. |
|         | <hr/>   |
|         | S. $0^{\circ} 1'$ E., bet. secs. 14 & 15.   |
|         | Over rolling land, desc. SW. slope of hill.   |
| 17.50   | Foot, centre of draw, 3 chs. wide, course SE.   |
| 19.03   | Wire fence, brs. WNW. & ESE.  |
| 38.65   | Wash, 20 lks. wide, course E.   |
| 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 15 in W., and S 14 in E. half;  |
|         | raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.   |
| 41.00   | Telephone line, Douglas to Bernardino or Slaughters Ranch, brs. E. & W.   |
| 44.71   | Road, between same points, brs. WNW. & ESE.   |
| 72.90   | Wash, 30 lks. wide, course E., 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 24 S R 29 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.   |

BOOK 2488

Chains.

Land, rolling, broken.  
Soil, 3rd rate, gravelly, dry.  
Scrub mesquite, cacti, greasewood, sparse grass.

40.00 S. 89°44' E., on a random line, bet. secs. 14 & 23.  
Set temp. 1/4 sec. cor.

80.02 Intersect N. & S. line 2 lks. S. of cor. of  
secs. 13, 14, 23 & 24, ~~hereinbefore described~~, whence I run,  
N. 89°45' W., on a true line, bet. secs. 14 & 23.

40.01 Over rolling land, through dense brush.  
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 14 in N., and  
S 23 in S. half;

44.02 raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
Wire drift fence, brs. NNE. & SW.

80.02 To cor. of secs. 14, 15, 22 & 23, ~~hereinbefore described~~.  
Land, rolling.

Soil, 3rd rate, gravelly, dry.  
Sage brush, mesquite, greasewood, cacti, sparse grass.

S. 0° 1' E., bet. secs. 22 & 23.  
Over rolling land.

5.60 Intersect International Boundary line at a point whence,  
Mon. No. 79 on said line brs. S. 89°57' E., 103.64 chs.  
dist., as heretofore described.

Mon. No. 80 on said line brs. N. 89°57' W., 128.76 chs.  
dist., as heretofore described.

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for closing cor. of secs. 22 & 23, marked on  
brass cap, C C, S. of centre,

MEX in S., and  
U S, T 24 S R 29 E, in N. half,  
S 22 in NW., and  
S 23 in NE. quad.;

raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
Land, rolling, broken.

Soil, 3rd rate, gravelly,  
Mesquite brush, greasewood, cacti, sparse grass.

Jan. 9, 1913.

Chains.

BOOK 2488

Jan. 10, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,  
 On the N. bdy. of the Tp., recently estab. by me & described, in Book D  
 I set off,  $21^{\circ}56'S.$  on the decl. arc, and  $31^{\circ}22\frac{1}{2}'N.$  on  
 the lat. arc, and determine a meridian with the solar.

Thence I run,

S.  $0^{\circ}2'E.$ , bet. secs. 3 & 4.

Over rolling, broken land, desc.

12.00 Gulch, 30 lks. wide, course NE., asc.

19.00 Ridge, brs. ENE. &amp; WSW., desc. steep.

36.50 Road, brs. E. &amp; W., Ash Spring brs. W. about 30 chs. dist.

36.75 Wash, 50 lks. wide, course ESE., asc.

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 4 in W., and  
 S 3 in E. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

55.00 Ridge, brs. E. &amp; W., desc.

67.50 Wash, 20 lks. wide, course ESE., asc. grad.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 3, 4, 9 & 10, marked on  
 brass cap, T 24 S R 29 E, in N. half,  
 S  $\frac{1}{4}$  in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 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.  
 Mesquite brush, greasewood, cacti, fair grass.

S.  $89^{\circ}44'E.$ , on a random line, bet. secs. 3 & 10.40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.94 Intersect N. & S. line  $4\frac{3}{4}$  lks. S. of cor. of  
 secs. 2, 3, 10 & 11, ~~hereinbefore~~ described, whence I run,N.  $89^{\circ}46'W.$ , on a true line, bet. secs. 3 & 10.

Over rolling, broken land, desc. grad.

15.00 Gulch, 30 lks. wide, course N., asc. grad.

39.97 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 3 in N., and  
 S 10 in S. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

44.00 Top of hill, brs. N. &amp; S., desc.

53.00 Wash, 20 lks. wide, course SE., asc. grad.

79.94 To cor. of secs. 3, 4, 9 &amp; 10, hereinbefore described.

Land, rolling, broken. Soil, 3rd rate, gravelly, dry.  
 Scrub mesquite, cacti, oak, fair grass.

S.  $0^{\circ}2'E.$ , bet. secs. 9 & 10.

Over mts. land, asc. grad. along ENE. slope.

4.00 Top of spur, from W., desc.

9.00 Asc.

16.00 Spur, brs. E. &amp; W., desc. ESE. slope.

28.00 Gulch, 30 lks. wide, course ENE.,

36.00 Gulch, 20 lks. wide, course SE., asc.

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 9 in W., and  
 S 10 in E. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

60.00 Spur, brs. E. &amp; W., from hill 30 chs. W., desc. SE. slope.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 9, 10, 15 & 16, marked on  
 brass cap, T 24 S R 29 E, in N. half,  
 S 9 in NW., S 10 in NE.,  
 S 15 in SE., and S 16 in SW. quad.;

raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.,  
 from which Windmill of Grand Arizona Mining Co.  
 brs. S.  $28^{\circ}E.$ , about  $\frac{1}{2}$  mile dist.

Land, mts., broken. Soil, 3rd rate, gravelly.

Mesquite brush, greasewood, cacti, sparse grass.

BOOK 2488

Chains. S. 89°46' E., on a random line, bet. secs. 10 & 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. & S. line 5 lks. S. of cor. of  
 secs. 10, 11, 14 & 15, ~~hereinbefore described~~, whence I run,  
 N. 89°48' W., on a true line, bet. secs. 10 & 15.  
 Over rolling land, desc.  
 6.90 Wire fence, brs. N. & S.  
 7.40 Road, brs. N. & S., asc. grad. along NNE. slope.  
 20.00 Spur, brs. N. & S., near N. end. Hill about 15 chs. to S.  
 desc.  
 30.00 Enter broken draw, course NE.  
 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 10 in N., and  
 S 15 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 56.00 Leave draw, course ENE., asc. grad. along N. side of  
 same.  
 79.92 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.  
 At this cor., at noon, I set off  $21^{\circ}56\frac{1}{2}'$  S. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}21'$  N.  
 Land, rolling, broken.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite brush, greasewood cacti, catclaw, fair grass.

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S. 0° 2' E., bet. secs. 15 & 16.  
 Over rolling, broken land, desc.  
 3.10 Wash, 50 lks. wide, course E., asc. grad.  
 4.10 Road, brs. ESE. & WNW.  
 10.60 Telephone line, brs. E. & W.  
 Thence over broken land, through dense brush.  
 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 16 in W., and  
 S 15 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 54.00 Top of hill, brs. ENE. & WSW., desc.  
 58.00 Gulch, 40 lks. wide, course NE., asc.  
 68.50 Low ridge, brs. E. & W., desc.  
 73.75 Gulch, 30 lks. wide, course E., asc.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 15, 16, 21 & 22, marked on  
 brass cap, T 24 S R 29 E, in N. half,  
 S 16 in NW.,  
 S 15 in NE.,  
 S 22 in SE., and  
 S 21 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, broken, mts.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Mesquite brush, catclaw, cacti, greasewood, sparse grass.

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## Chains.

S.  $89^{\circ}48'$  E., on a random line, bet. secs. 15 & 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. & S. line 5 lks. N. of cor. of  
 secs. 14, 15, 22 & 23, ~~hereinbefore described~~, whence I run,  
 N.  $89^{\circ}46'$  W., on a true line, bet. secs. 15 & 22.  
 Over rolling land, through scrub mesquite and catclaw.  
 10.00 Wash, 50 lks. wide, course NE., asc.  
 24.00 Top of hill, brs. N. & S., desc. grad.  
 39.98 Set an iron post 3 ft. long, 1 ins. 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.  
 56.00 Wash, 15 lks. wide, course SE., asc. grad.  
 79.96 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.  
 Land, rolling, broken.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite brush, catclaw, cacti, greasewood, fair grass.

S.  $0^{\circ}2'$  E., bet. secs. 21 & 22.  
 Over rolling land, desc.  
 5.40 Wash, 20 lks. wide, course E.  
 15.86 Intersect International Boundary Line at a point, whence  
 Mon. No. 79 on said line brs. S.  $89^{\circ}57'$  E., 183.68  
 chs. dist., as heretofore described.  
 Mon. No. 80 on said line brs. N.  $89^{\circ}57'$  W., 48.72  
 chs. dist., as heretofore described.  
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for closing cor. of secs. 21 & 22, marked on  
 brass cap, C C, S. of centre,  
 MEX, in S., and  
 U S, T 24 S R 29 E, in N. half,  
 S 21 in NW., and  
 S 22 in NE. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Land, rolling. Soil, 3rd rate, gravelly.  
 Mesquite and other brush.

Jan. 10, 1913.

## Chains.

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BOOK 2488
- Jan. 12, 1913.  
At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,  
on the North bdy. of the Tp., recently estab. by me & described in Book D  
I set off  $21^{\circ}37\frac{1}{2}'$  S. on the decl. arc, and  $31^{\circ}22\frac{1}{2}'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
S.  $0^{\circ}2'$  E., bet. secs. 4 & 5.  
Over broken land, desc. grad.
- 39.52 Wash, 30 lks. wide, course ESE., turns SSE. 4 chs. to E.,  
asc. 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 5 in W., and  
S 4 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 58.00 Top of rise, brs. E. & W., desc. grad. along W. side of  
gulch. to SSE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 4, 5, 8 & 9, marked on  
brass cap, T 24 S R 29 E, in N. half,  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling, broken.  
Soil, 3rd rate, gravelly, dry.  
Scrub oak, greasewood, cacti, mesquite, fair grass.
- 
- 40.00 S.  $89^{\circ}44'$  E., on a random line, bet. secs. 4 & 9 .  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. & S. line 5 lks. N. of cor. of  
secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run,  
N.  $89^{\circ}42'$  W., on a true line, bet. secs. 4 & 9.  
Over mts. land, desc.
- 5.00 Gulch, 10 lks. wide, course ENE., asc. steep.
- 17.00 Asc. prec.
- 28.00 Top of high rocky ridge, brs. S. & N., peak on same  
20 chs. to S., desc. steep.
- 40.01 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 4 in N., and  
S 9 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 45.00 Asc. prec.
- 47.65 Top of limestone crag on mountain side, 50 ft. high,  
desc. prec.
- 62.00 Foot of main slope, gulch 50 lks. wide, course SSW.
- 70.00 Road, brs. N. & S.
- 75.00 Gulch, 50 lks. wide, course S., asc.
- 80.02 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~.  
Land, rolling, mts., broken, rough.  
Soil, 3rd rate, gravelly, stony, dry.  
Scrub oak, cacti, few oak trees.

| Chains. |   |
|---------|---|
|         | S. 0° 2' E., bet. secs. 8 & 9.<br>Over broken, stony land, through dense brush, asc.  |
| 8.00    | Top of knoll, brs. E. & W., apex 2 chs. to W. desc. grad.   |
| 20.28   | Road, brs. NE. & SW., dim.  |
| 39.00   | Wash, 10 lks. wide, course SE.,   |
| 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,<br>$\frac{1}{4}$ S 8 in W., and<br>S 9 in E. half;<br>raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.   |
| 58.50   | Wash, 20 lks. wide, course ESE.,  |
| 61.75   | Telephone line, brs. E. & W.  |
| 62.44   | Main road, brs. E. & W.   |
| 64.50   | Wash, 30 lks. wide, course E.   |
| 66.00   | Centre of draw, 5 chs. wide, course ENE.,   |
| 69.00   | Asc.  |
| 80.00   | Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 24 S R 29 E, in N. half,<br>S 8 in NW.,<br>S 9 in NE.,<br>S 16 in SE., and<br>S 17 in SW. quad.;<br>raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.<br>Land, rolling, broken. Soil, 3rd rate, gravelly, dry.<br>Mesquite brush, greasewood, cacti, fair grass. |
|         | <hr/>   |
|         | S. 89° 42' E., on a random line, bet. secs. 9 & 16.   |
| 40.00   | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.04   | Intersect N. & S. line at cor. of secs. 9, 10, 15 & 16, <del>hereinbefore described</del> , whence I run,<br>N. 89° 42' W., on a true line, bet. secs. 9 & 16.<br>Over mts. land, desc. grad. through dense brush.  |
| 21.00   | Road, brs. WNW. & ESE.  |
| 22.20   | Telephone line, brs. WNW. & ESE.  |
| 39.30   | Wash, 30 lks. wide, course ESE.   |
| 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,<br>$\frac{1}{4}$ S 9 in N., and<br>S 16 in S. half;<br>raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.  |
| 80.04   | To cor. of secs. 8, 9, 16 & 17, <del>hereinbefore described</del> .<br>At this cor., at noon, I set off $21^{\circ} 37\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian.<br>The resulting lat. is $31^{\circ} 21'$ N.<br>Land, rolling, mts., broken.<br>Soil, 3rd rate, gravelly, dry.<br>Mesquite brush, cacti, greasewood, fair grass.  |
|         | <hr/>   |
|         | S. 0° 2' E., bet. secs. 16 & 17.  |
|         | Over mts. land, asc. on spur from S.  |
| 10.00   | Ridge, brs. E. & W., desc.  |
| 17.00   | Asc. along ENE. slope.  |
| 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,<br>$\frac{1}{4}$ S 17 in W., and<br>S 16 in E. half;<br>raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.<br>Desc. from cor.  |
| 55.00   | Gulch, 30 lks. wide, course E.  |
| 63.00   | Gulch, 30 lks. wide, course NE., asc.   |
| 78.00   | Ridge, brs. E. & W., desc.  |
| 80.00   | Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 16, 17, 20 & 21, marked on brass cap, T 24 S R 29 E, in N. half,<br>S 17 in NW.,<br>S 16 in NE.,<br>S 21 in SE., and<br>S 20 in SW. quad.;<br>raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.<br>Land, mts., broken. Soil, 3rd rate, gravelly, dry.<br>Scrub oak, mesquite, fair grass.              |

Chains.

BOOK 2488

S.  $89^{\circ}42'$  E., on a random line, bet. secs. 16 & 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of  
 secs. 15, 16, 21 & 22, ~~hereinbefore described~~, whence 1 run,  
 N.  $89^{\circ}43'$  W., on a true line, bet. secs. 16 & 21.  
 Over broken foot hills, asc. grad.  
 30.00 Spur, brs. NE. & SW., from ridge to SW., desc.  
 35.00 Gulch, 25 lks. wide, course NE., asc.  
 40.01 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 16 in N., and  
 S 21 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Asc. steep from cor.  
 50.00 Ridge, brs. N. & S., peak on same about 10 chs. to N.,  
 desc. steep.  
 60.00 Desc. grad.  
 75.00 Desc. steep.  
 80.02 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore described~~.  
 Land, rolling, mts., broken.  
 Soil, 3rd rate, gravelly, stony, dry.  
 Scrub oak, cacti, fair grass.

S.  $0^{\circ} 2'$  E., bet. secs. 20 & 21.

Over mts. land, desc.

5.80 Head of gulch, course SW., asc.

6.10 Intersect International Boundary Line at a point, whence  
 Mon. No. 80 on said line brs. S.  $89^{\circ}55'$  E., 31.30 chs.  
 dist., as heretofore described.

Mon. No. 81 on said line brs. N.  $89^{\circ}55'$  W., 34.16 chs.  
 dist., which is an iron monument, marked and witnessed  
 as described by the Surveyor-General.

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for closing cor. of secs. 20 & 21, marked on  
 brass cap, C C, S. of centre,

MEX, in S., and

U S, T 24 S R 29 E, in N. half,

S 20 in NW., and

S 21 in NE. quad.;

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

Land, mts., broken.

Soil, 3rd rate, stony. Good grass.

Jan. 12, 1913.

Chains.

BOOK 2488

Jan. 13, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 &amp; 32, on the North bdy. of the Tp. recently established by me &amp; described in Book D.

I set off  $21^{\circ}27\frac{1}{2}'$  S. on the decl. arc, and  $31^{\circ}22\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run,S.  $0^{\circ}3'$  E., bet. secs. 5 & 6.

Over mts. land, asc. steep NE. slope.

25.00 Ridge, brs. NNW. &amp; SSE., main divide, desc. steep stony SW. slope.

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 6 in W., and S 5 in E. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

65.00 Gulch, 10 lks. wide, course SW., asc. NW. slope.

80.00 Top of rise, on W. slope;

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. 5, 6, 7 &amp; 8, marked on brass cap,

T 24 S R 29 E, in N. half,

S 6 in NW.,

S 5 in NE.,

S 8 in SE., and

S 7 in SW. quad.;

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

Land, mts., rough. Soil, 3rd rate, stony.

Scrub oak, cacti, sparse grass.

S.  $89^{\circ}44'$  E., on a random line, bet. secs. 5 & 8.40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.96 Intersect N. & S. line 2 lks. S. of cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~, whence I run, N.  $89^{\circ}45'$  W., on a true line, bet. secs. 5 & 8.

Over mts., broken land, asc.

6.00 Top of rise, brs. N. &amp; S., desc.

12.00 Wash, 15 lks. wide, course SSE., asc. grad. SE. slope.

20.00 Desc.

24.00 Wash, 20 lks. wide, course S., asc. SSE. slope.

39.98 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 5 in N., and S 8 in S. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

58.00 Top of ridge, near S. end, brs. N. &amp; S., thence along S. slope.

70.00 Desc. SW. slope.

79.96 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.

Land, mts. Soil, 3rd rate, stony, gravelly.

Scrub oak, greasewood, cacti, sparse grass.

N.  $89^{\circ}44'$  W., on a random line, bet. secs. 6 & 7.40.00 Set temp.  $\frac{1}{4}$  sec. cor.97.62 Intersect West bdy. of Tp. 5 lks. S. of cor. of secs. 1, 6, 7 & 12, which is a granite stone 10 x 8 x 6 ins. above ground marked & S.  $89^{\circ}42'$  E., on a true line, bet. secs. 6 & 7. witnessed as described by the Surveyor General; whence I run;

Over rolling land, asc. grad. WSW. slope.

35.00 Wash, 30 lks. wide, course WSW. asc. steeper.

57.62 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 6 in N., and S 7 in S. half;raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

73.00 Ridge, brs. S. &amp; N., desc. steep.

86.00 Gulch, 30 lks. wide, course S., asc. steep.

97.62 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.

Land, rolling, mts. Soil, 3rd rate, gravelly, stony.

Greasewood, scrub oak, cacti, sparse grass.

At this cor., at noon, I set off  $21^{\circ}27\frac{1}{2}'$  S. on the decl. arc, and observe the sun on the meridian.The resulting lat. is  $31^{\circ}22'$  N.

Chains

- S.  $0^{\circ} 3'$  E., bet. secs. 7 & 8.  
Over mts. land, along W. slope.
- 4.00 Desc. steep SW. slope.
- 10.00 House of John Watts, a small stone cabin, brs. West, about 10 chs. dist.
- 17.40 Road, brs. NW. & SE., foot of main slope, brs. E. & W. desc. grad.
- 25.40 Wash, 30 lks. wide, course SSW.
- 26.37 Same wash, course SE.
- 38.80 Wash, 30 lks. wide, course SSW.
- 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 7 in W., and S 8 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 42.00 Same wash as above, course SE., asc. grad.
- 76.10 Road, brs. WNW. & ESE., main road.
- 79.90 Top of low divide, brs. NW. & SE., desc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 8, 17 & 18, marked on brass cap, T 24 S R 29 E, in N. half, S 7 in NW., S 8 in NE., S 17 in SE., and S 18 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, gravelly, dry. Scrub oak, greasewood, sage brush, cacti, fair grass.

- S.  $89^{\circ} 45'$  E., on a random line, bet. secs. 8 & 17.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect N. & S. line 2 lks. N. of cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~, whence I run, N.  $89^{\circ} 44'$  W., on a true line, bet. secs. 8 & 17.  
Over broken, mts. land, desc. along NNW. slope.
- 39.40 Wash, 30 lks. wide, course N., asc. grad.
- 39.97 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 8 in N., and S 17 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 74.50 Telephone line, brs. ENE. & WSW.
- 79.90 Top of low divide, brs. NW. & SE.
- 79.94 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore described~~.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, dry.  
Scrub oak, greasewood, cacti, fair grass.

Jan. 13, 1913.

Jan. 14, 1913.

~~hereinbefore described~~

At 8h a.m., l.m.t, at the cor. of secs. 7, 8, 17 & 18, I set off  $21^{\circ} 17'$  S. on the decl. arc, and  $31^{\circ} 21'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run,

- N.  $89^{\circ} 42'$  W., on a random line, bet. secs. 7 & 18.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 97.66 Intersect West bdy. of Tp. 5 lks. N. of cor. of secs. 7, 12, 13 & 18, ~~which is a sandstone 10 x 8 x 6 ins. above ground marked & witnessed as described by the Surveyor General~~ whence I run,

Chains.

S.  $89^{\circ}44'$  E., on a true line, bet. secs. 7 & 18.  
 Over broken land, through dense growth of greasewood,  
 sage brush, catclaw, etc. asc.  
 10.00 Top of flat ridge, brs. NNE. & SSW., desc. grad.  
 20.00 Foot, brs. NNE. & SSW., thence along rolling land, in  
 broad broken draw.  
 53.00 Wash, 20 lks. wide, course S.  
 57.66 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 7 in N., and  
 S 18 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 88.00 Main road, brs. ENE. & WSW., asc. grad.  
 97.66 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore~~ described.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Greasewood, catclaw, cacti, sage brush, fair grass.

S.  $0^{\circ} 3'$  E., bet. secs. 17 & 18.  
 Over rolling, broken land, desc. grad. SW. slope.  
 7.66 Telephone line, brs. WSW. & ENE., thence along W. slope.  
 38.00 Wash, 20 lks. wide, course WNW., asc.  
 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 18 in W., and  
 S 17 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 74.00 Top of low spur, brs. E. & W., Hill on same 4 chs. to E.  
 Desc.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 17, 18, 19 & 20, marked on  
 brass cap, T 24 S R 29 E, in N. half,  
 S 18 in NW.,  
 S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, mts.  
 Soil, 3rd rate, gravelly, dry.  
 Scrub oak, cacti, greasewood, sage brush, good grass.

S.  $89^{\circ}44'$  E., on a random line, bet. secs. 17 & 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. & S. line 5 lks. S. of cor. of secs. 16, 17, 20 & 21, ~~hereinbefore~~ described, whence I run,  
 N.  $89^{\circ}46'$  W., on a true line, bet. secs. 17 & 20.  
 Over mts. land, desc. SW. slope. along S. side of ridge.  
 10.00 Asc. SE. slope.,  
 35.00 Ridge, brs. NNW. & SSE., desc.  
 39.31 Wash, 20 lks. wide, course S., near head., asc.  
 39.98 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 17 in N., and  
 S 20 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Thence along broken S. side of flat ridge.  
 79.96 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore~~ described.  
 Land, broken, mts.  
 Soil, 3rd rate, gravelly, dry.  
 Scrub oak, black brush, cacti, etc. Good grass.  
 At this cor., at noon, I set off  $21^{\circ}17'$  S. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $31^{\circ}20'$  N.

BOOK 2488

Chains.

40.00

97.74

N. 89°44' W., on a random line, bet. secs. 18 & 19.  
Set temp. 1/4 sec. cor.  
Intersect West bdy. of Tp. 9 lks. N. of cor. of  
secs. 13, 18, 19 & 24, which is a granite stone 8x6x6 ins. above ground  
marked & witnessed as described by the Surveyor General,  
whence I run,

25.00

55.45

57.74

S. 89°48' E., on a true line, bet. secs. 18 & 19.  
Over broken, rolling land, desc. from ridge.  
Foot, and along gently rolling land, drains to S.  
Road, brs. N. & S., dim.  
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 18 in N., and  
1/4 S 19 in S. half;

62.75

76.00

97.74

raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
Centre of draw 4 chs. wide, course SW.  
Asc. grad.  
To cor. of secs. 17, 18, 19 & 20, hereinbefore described.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry, sandy.  
Greasewood, sage brush, mesquite brush, cacti, good grass.

6.30

S. 0° 3' E., bet. secs. 19 & 20.  
Over mts. land, desc.  
Intersect International Boundary Line at a point, whence  
Mon. No. 81 on said line brs. S. 89°45' E. 45.95 chs.  
dist., as heretofore described.  
Mon. No. 82 on said line brs. N. 89°45' W. 43.40 chs.  
dist., which is a masonry monument, marked and witnessed  
as described by the Surveyor-General.  
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for closing cor. of secs. 19 & 20, marked on  
brass cap, C C, S. of centre,  
MEX in S., and  
U S, T 24 S R 29 E, in N. half,  
S 19 in NW., and  
S 20 in NE. quad.;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
No bearings available. pits, impracticable.

Frac. T. 24 S., R. 29 E.

General Description.

This frac. Tp. is in general mountainous or broken.  
There is some agricultural land in the broad draws in  
the Eastern part, but the greater portion of the Tp.  
is suitable for grazing purposes only.

J. E. Howard, and John Watts are located  
in secs. 11 and 7 respectively, and have developed  
water for stock from wells. There is no timber in the Tp.

There are slight indications of mineral in  
several places in the Tp., but no mines developed.  
The Ariz. Mining Co., located in sec. 15 have  
valuable improvements, windmill, house, machinery, etc.,  
and have sunk a shaft several hundred feet in depth,  
but are not operating at present.

The general formation of the ridges is  
granite, with outcroppings of limestone in places.  
There is no living water in the Tp.

Jan. 14, 1913.

*Jesse B. Wright*

U. S. Surveyor.



200  
17  
BOOK 2488

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 \_\_\_\_\_  
Subdivision Lines of fractional Township 24 South, Range 29 East,  
of the Gila and Salt River Base and Meridian, Arizona.

executed by Jesse B. Wright, U. S. Surveyor,  
under his <sup>supplemental</sup> ~~special~~ instructions dated November 27, 1912, 191\_\_\_\_, 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.~~