



1A 135

BOOK 2426

# INDEX DIAGRAM.

Township 25 North, Range 7 West

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6th Standard Parallel North

6-151

—— Book 1 - 2411

—— Book 5 - 2415

Chains.

Explanatory Note.

This Tp. was surveyed in somewhat irregular order, the western portion or that part lying in the Aubrey Valley being surveyed from Jan. 12- 15, 1912, while the mountainous portion lying on the broken mesa in the eastern portion was surveyed in May, 1912.

In order that the field notes should run in the proper order, the dates have been disregarded.

The survey was made with a Young & Sons light mountain transit No. 8145, with Smith's patent solar attachment, as described in field notes of other surveys made under this group.

Knowing from recent and repeated tests made on a true meridian established by observation of Polaris that the instrument is on correct adjustment on the various dates the lines were surveyed, I proceed as follows :-

May 6, 1912;

At 7h a.m., l.m.t., at the Std. Cor. of secs. 35 & 36, on the S. bdy. of the Tp., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General, I set off 35°30' N. on the lat. arc, and 16°34' N. on the decl. arc, and determine a meridian with the solar. Thence I run, as per instructions.

N. 0° 1' W., bet. secs. 35 & 36.

Over mts. land, asc. grad. through scattering cedar and pinon, flat spurs, trend to ESE.

40.00 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 35 in W., and S 35 in E. half; from which,

A scrub oak 4 ins. in diam. brs. N. 64° E. 42 lks. dist., marked 1/4 S 36 B T.

A pinon tree 12 ins. diam. brs. N. 72° W. 91 lks. dist., marked 1/4 S 35 B T.

42.00 Main ridge, brs. ENE. & WSW., desc. grad. along E. slope of rough spur, near top.

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 25 N R 7 W, in N. half,

S 25 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 in SW. quad.; from which,

A cedar tree 15 ins. diam. brs. N. 82° E. 124 lks. dist., marked T 25 N R 7 W S 25 B T.

A cedar tree 15 ins. diam. brs. S. 31° E. 78 lks. dist., marked T 25 N R 7 W S 36 B T.

A cedar tree 8 ins. diam. brs. S. 60° W. 36 lks. dist., marked T 25 N R 7 W S 35 B T.

No other trees available, pits impracticable.

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

Land, mts., broken.

Soil, 3rd rate, gravelly, loose, dry, stony.

Cedar, pinon, scrub oak, few junipers, fair grass.

Chains	
	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. 2, 1ks. S. of cor. of <sup>in Book 5</sup> secs. 25, 30, 31 & 36, <del>recently established</del> & described by me, whence I run, S. $89^{\circ}59'$ W., on a true line, bet. secs. 25 & 36. Over broken mts. land, limestone ledges, medium cedar and pinon, asc.
9.00	Top of ridge, brs. NE. & SW., desc. steep.
20.00	Canyon, 2 chs. wide, 150 ft. deep, near head, course NE., asc. prec.
35.00	High ridge, brs. NE. & SW., turns grad. to N., desc.
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; from which, A pinon tree 8 ins. diam. brs. N. $38^{\circ}$ E. 48 lks. dist., marked $\frac{1}{4}$ S 25 B T. A pinon tree 8 ins. diam. brs. S. $3^{\circ}$ E. 20 lks. dist., marked $\frac{1}{4}$ S 36 B T.
	Desc. grad. from cor. along NNW. slope.
74.00	Head of drain, course N., asc.
79.92	To cor. of secs. 25, 26, 35 & 36, <del>hereinbefore described</del> . Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry, calcareous. Cedar, pinon, scrub oak, good grass.
	N. $0^{\circ} 1'$ W., bet. secs. 25 & 26. Over mts. land, desc. steep, through scattering cedar and pinon.
30.00	Wash, 30 lks. wide, course NE., turns to N. 5 chs. NE., asc. grad. along ESE. slope of spur.
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; No bearings available, pits impracticable; Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
43.00	Desc. NE. point of spur.
55.00	Wash, 20 lks. wide, course W., dry reservoir and dam in same 5 chs. to W., asc.
70.00	Spur, brs. W. & E., desc.
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 25 N R 7 W, in N. half, S 23 in NW., S 24 in NE., S 25 in SE., and S 26 in SW. quad. No trees available, pits impracticable; Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., broken, rough. Soil, 3rd rate, stony, calcareous, gravelly, dry. Sparse cedar, pinon, scrub oak, fair grass. At this cor., at noon, I set off $16^{\circ}36\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ}32\frac{1}{2}'$ N.

Chains.

- N.  $89^{\circ}59'$  E., on a random line, bet. secs. 24 & 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect East bdy. of Tp. 2 $\frac{1}{2}$  lks. N. of cor. of <sup>in Book 5</sup> secs. 19, 24, 25 & 30, ~~re-established~~ & described by me, whence I run, West, on a true line, bet. secs. 24 & 25.  
Over mts. land, asc. grad. over limestone ledges, through sparse cedar and pinon.
- 10.00 Asc. steep E. slope, through dense timber.
- 16.00 Top of ridge, brs. N. & S., desc. steep.
- 33.00 Gulch, 50 lks. wide, near head, course N., Leave timber, asc.
- 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 24 in N., and  
S 25 in S. half;  
No trees available, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 40.90 Spur, brs. SE. & NW., thence along S. slope of same.
- 55.00 Dry reservoir about 15 chs. to N. in main canyon.
- 70.00 Spur, brs. ENE. & SW., desc.
- 79.94 To cor. of secs. 23, 24, 25 & 26, hereinbefore described.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, stony, dry.  
Cedar, pinon, scrub oak, cacti, fair grass.

May 6, 1912.

May 7, 1912.

At 7h a.m., l.m.t., at the above corners, 23, 24, 25 & 26,  
I set off  $16^{\circ}50\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ}32\frac{1}{2}'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,

N.  $0^{\circ}1'$  W., bet. secs. 23 & 24.

Over mts. land, desc. NW. slope, through sparse timber.

- 6.00 Foot of slope, brs. E. & W., enter flat, open, land.
- 9.25 Wash, 40 lks. wide, course SW., main wash, middle of draw.
- 12.30 Old road, brs. NE. & SW.
- 21.00 Leave flat, brs. ENE. & SW., asc. SE. 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 23 in W., and  
S 24 in E. half; from which,  
A Juniper tree 8 ins. diam. brs. N.  $3^{\circ}$  E. 37 lks. dist.,  
marked  $\frac{1}{4}$  S 24 B T.  
No other trees available,  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 42.00 Drain 5 lks. wide, course E., asc., loose, stony land.
- 48.00 Top of rise, brs. E. & W., desc.
- 61.00 Wash, 20 lks. wide, course SE.
- 71.00 Wash, 20 lks. wide, course SW.
- 73.00 Same wash, course SE., asc.
- 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 25 N R 7 W, in N. half,  
S 14 in NW.,  
S 13 in NE.,  
S 24 in SE., and  
S 23 in SW. quad.;  
No bearings available, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling, broken, mts.  
Soil, 3rd rate, gravelly, stony, dry, calcareous.  
Few cedars, fair grass.

## Chains.

- East, on a random line, bet. secs. 13 & 24.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 30.00 Intersect East Bdy. of Tp. at cor. of  
 secs. 13, 18, 19 & 24, recently established & described by me <sup>(in Book 5</sup> whence I run,  
 West, on a true line, bet. secs. 13 & 24.  
 Over mts. land, asc. E. slope, through dense brush.  
 3.00 Ridge, brss. SSE. & NNW., desc.  
 8.00 Drain, 30 lks. wide, near head, course SSW., asc.  
 18.00 Top of rise, brs. NNE. & SSW., desc.  
 24.00 Wash, 30 lks. wide, course SW. asc.  
 28.00 Dry tank 7 chs. to S.  
 31.00 Top of rise, brs S. & N., 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 13 in N., and  
 S 24 in S. half; from which,  
 A juniper tree 7 ins. diam. brs. S.  $89\frac{1}{4}^{\circ}$  E. 90 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.  
 At this cor., at noon, I set off  $16^{\circ}53'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}33'$  N.  
 43.00 Drain 20 lks. wide, course SE., asc.  
 70.00 Top of ridge, brs. SE. & NW., desc.  
 80.00 To cor. of secs. 13, 14, 23 & 24, hereinbefore described.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry, calcareous.  
 Sparse cedar, pinon, juniper, dense brush.

- N.  $0^{\circ} 1'$  W., bet. secs. 13 & 14.  
 Over mts. broken land, asc. steep SW. slope, through  
 dense timber.  
 13.00 Ridge, brs. E. & W., desc. grad.  
 37.50 Gulch, 50 lks. wide, course NE., 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 14 in W., and  
 S 13 in E. half; from which,  
 A pinon tree 6 ins. diam. brs. S.  $67\frac{1}{4}^{\circ}$  E. 69 lks. dist.,  
 marked  $\frac{1}{4}$  S 13 B T.  
 A cedar tree 8 ins. diam. brs. N.  $71\frac{1}{2}^{\circ}$  W. 171 lks. dist.,  
 marked  $\frac{1}{4}$  S 14 B T.  
 52.00 Ridge, brs. NE. & SW., desc.  
 65.00 Draw, 150 lks. wide, course NE., asc.  
 77.50 Ridge, brs. ENE. & WSW., desc.  
 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 25 N R 7 W, in N. half,  
 S 11 in NW.,  
 S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quad.; from which,  
 A cedar tree 6 ins. diam. brs. N.  $41^{\circ}$  E. 149 lks. dist.,  
 marked T 25 N R 7 W S 12 B T.  
 A cedar tree 10 ins. diam. brs. S.  $72\frac{1}{2}^{\circ}$  E. 65 lks. dist.,  
 marked T 25 N R 7 W S 13 B T.  
 A cedar tree 12 ins. diam. brs. S.  $2\frac{1}{2}^{\circ}$  W. 130 lks. dist.,  
 marked T 25 N R 7 W S 14 B T.  
 A cedar tree 8 ins. diam. brs. N.  $67\frac{1}{4}^{\circ}$  W. 191 lks. dist.,  
 marked T 25 N R 7 W S 11 B T.

Land, mts., broken.

Soil, 3rd rate, gravelly, calcareous, stony.  
 Cedar, pinon, juniper, scrub oak, good grass.

May 7, 1912.

Chains.  
 May 8, 1912.  
 At 8h a.m., l.m.t., at the above described corner, 12 & 14,  
 I set off 17°07' N. on the decl. arc, and 35°34' N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 East, on a random line, bet. secs. 12 & 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect East Bdy. of Tp. 5 lks. N. of cor. of in Book 5  
 secs. 7, 12, 13 & 18, recently established & described by me (whence I run,  
 N. 89°58' W., on a true line, bet. secs. 12 & 13.  
 Over heavily rolling, or mts. land, asc. E. slope,  
 through scattering cedar.  
 4.00 Ridge, brs. S. & N., desc. through dense cedar and brush.  
 12.25 Deep draw, 50 lks. wide, course NNE., asc.  
 39.99 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; from which,  
 A pinon tree 6 ins. diam. brs. S. 46 $\frac{1}{2}$ ° E. 36 lks. dist.,  
 marked  $\frac{1}{4}$  S 13 B T.  
 A pinon tree 6 ins. diam. brs. N. 51° E. 35 lks. dist.,  
 marked  $\frac{1}{4}$  S 12 B T.  
 48.00 Ridge, brs. NE. & SW., desc.  
 62.00 Draw, 150 lks. wide, course NE., asc. along N. slope, near  
 foot.  
 79.98 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry.  
 Cedar, pinon, scrub oak, cacti, fair grass.

N. 0° 1' W., bet. secs. 11 & 12.  
 Over mts. land, asc. through dense brush, scattering  
 cedar and pinon.  
 7.00 Ridge, brs. NE. & SW., desc.  
 27.50 Gulch, 25 lks. wide, course SE., asc.  
 35.00 Ridge, brs. NE. & SW., 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 11 in W., and  
 S 12 in E. half; from which,  
 A pine tree 24 ins. diam. brs. N. 38 $\frac{1}{2}$ ° W. 142 lks. dist.,  
 marked  $\frac{1}{4}$  S 11 B T.  
 A juniper tree 12 ins. diam. brs. N. 69 $\frac{1}{2}$ ° E. 133 lks. dist.,  
 marked  $\frac{1}{4}$  S 12 B T.  
 42.50 Gulch, 20 lks. wide, near head, course NE., asc.  
 50.00 Ridge, brs. NE. & SW., desc.  
 64.00 Gulch, 20 lks. wide, course NE., asc.  
 74.00 Ridge, brs. NE. & SW., desc., 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. 1, 2, 11 & 12, marked on  
 brass cap, T 25 N R 7 W, in N. half,  
 S 2 in NW.,  
 S 1 in NE.,  
 S 12 in SE., and  
 S 11 in SW. quad.;  
 No bearings available, pits impracticable,  
 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.  
 Cedar, pinon, scrub oak, cacti, fair grass.  
 At this cor., at noon, I set off 17°09 $\frac{1}{2}$ ' N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 35°35' N.

Chains  
 S. 89°58' E., on a random line, bet. secs. 1 & 12.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect East Bdy. of Tp. 2 $\frac{1}{2}$  lks. S. of cor. of in Book 5  
 secs. 1, 6, 7 & 12, ~~recently established~~ & described by me, whence I run,  
 N. 89°59' W., on a true line, bet. secs. 1 & 12.  
 Over mts. land, asc.  
 8.00 Ridge, brs. NE. & SW., desc.  
 16.50 Wash, 30 lks. wide, course NE., asc.  
 19.30 Ridge, brs. NW. & SE., near SE. terminal, desc.  
 22.50 Wash, 30 lks. wide, course SE., asc.  
 38.00 Top of rise, brs. N. & S., desc.  
 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 1 in N., and  
 $\frac{1}{4}$  S 12 in S. half; from which,  
 A pine tree 36 ins. diam. brs. S. 15° E. 26 lks. dist.,  
 marked  $\frac{1}{4}$  S 12 B T.  
 A pine tree 36 ins. diam. brs. N. 27 $\frac{1}{2}$ ° E. 137 lks. dist.,  
 marked  $\frac{1}{4}$  S 1 B T.  
 46.00 Gulch, 20 lks. wide, course NE., asc.  
 51.00 Ridge, brs. NE. & SW., desc.  
 59.50 Gulch, 50 lks. wide, course NE., asc.  
 79.96 To cor. of secs. 1, 2, 11 & 12, ~~hereinbefore described~~.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry.  
 Cedar, pinon, pine, juniper, scrub oak, fair grass.  
~~bedrock~~

N. 0° 1' W., bet. secs. 1 & 2, on a random line.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. bdy. of Tp. 2 lks. E. of cor. of in Book 5  
 secs. 1, 2, 35 & 36, ~~recently established~~ & described by me, whence I run,  
 S. 0° 2' E., on a true line, bet. secs. 1 & 2.  
 Over mts., rough, broken land, desc. WSW. 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 2 in W., and  
 $\frac{1}{4}$  S 1 in E. half; from which,  
 A pinon tree 7 ins. diam. brs. N. 26 $\frac{1}{2}$ ° E. 51 lks. dist.,  
 marked  $\frac{1}{4}$  S 1 B T.  
 A cedar tree 20 ins. diam. brs. N. 71° W. 11 lks. dist.,  
 marked  $\frac{1}{4}$  S 2 B T.  
 45.00 Wash, 15 lks. wide, course SE., asc.  
 53.00 Ridge, brs. SE. & NW., desc.  
 61.00 Wash, 20 lks. wide, course SE., asc.  
 65.00 Spur, brs. SE. & NW., desc.  
 68.00 Wash, 30 lks. wide, course ESE., asc.  
 80.00 To cor. of secs. 1, 2, 11 & 12, ~~hereinbefore described~~.  
 Land, mts., broken, rough.  
 Soil, 3rd rate, gravelly, dry.  
 Cedar, pine, pinon, juniper, scrub oak, cacti, fair grass.  
 May 8, 1912.



Chains

Jan. 12, 1912.  
 At 8h 30m a.m., l.m.t., at the Std. cor. of secs. 34 & 35, on the S. bdy. of the Tp., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General, I set off 35°30' N. on the lat. arc, and 21°45' S. on the decl. arc, and determine a meridian with the solar. Thence I run,  
 N. 0° 1' W., bet. secs. 34 & 35.  
 Over mts. land, along broken W. slope, through scattering cedar, pinon, and scrub oak.  
 36.00 Leave cedar and pinon, desc. WNW. slope.  
 40.00 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 34 in W., and  
     S 35 in E. half;  
 No bearings available, pits impracticable;  
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
 64.00 Main wash, very stony, 4 chs. wide, course WSW.  
 68.62 Road, brs. ENE. & WSW., asc. grad. through sparse cedar.  
 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 25 N R 7 W, in N. half,  
     S 27 in NW.,  
     S 26 in NE.,  
     S 35 in SE., and  
     S 34 in SW. quad.; from which,  
 A pinon tree 16 ins. diam. brs. N. 68 1/2° E. 168 lks. dist., marked T 25 N R 7 W S 26 B T.  
 A pinon tree 8 ins. diam. brs. S. 17° E. 146 lks. dist., marked T 25 N R 7 W S 35 B T.  
 A cedar tree 10 ins. diam. brs. S. 89 1/2° W. 146 lks. dist., marked T 25 N R 7 W S 34 B T.  
 A cedar tree 14 ins. diam. brs. N. 45° W. 253 lks. dist., marked T 25 N R 7 W S 27 B T.  
 Land, mts., rolling.  
 Soil, 3rd rate, gravelly, stony.  
 Cedar, pinon, scrub oak, good grass.

May 9, 1912.  
 At 7h a.m., l.m.t., at the above described corner, 34 & 35, I set off 17° 22' N. on the decl. arc, and 35° 31 1/2' N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
 East, on a random line, bet. secs. 26 & 35.  
 40.00 Set temp. 1/4 sec. cor.  
 80.14 Intersect N. & S. line 5 lks. N. of cor. of secs. 25, 26, 35 & 36, ~~hereinbefore~~ described, whence I run, N. 89° 58' W., on a true line, bet. secs. 26 & 35. Along gentle NNW. slope.  
 10.00 Desc. steep WSW. slope.  
 20.00 Desc. along top of spur to W.  
 40.07 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 26 in N., and  
     S 35 in S. half; from which,  
 A pinon tree 5 ins. diam. brs. N. 31 1/4° W. 24 lks. dist., marked 1/4 S 26 B T.  
 A pinon tree 10 ins. diam. brs. S. 19 1/2° E. 30 lks. dist., marked 1/4 S 35 B T.  
 64.24 Main wash, 150 lks. wide, course SW.  
 67.40 Road, brs. SW. & NE.  
 80.14 To cor. of secs. 26, 27, 34 & 35, ~~hereinbefore~~ described.  
 Land, mts., rolling.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Scattering cedar, pinon, scrub oak, fair grass.

- Chains.
- N.  $0^{\circ} 1'$  W., bet. secs. 26 & 27.  
Over mts. land, asc. through scattering cedar and pinon, sandstone ledges.
- 20.40 Stony wash, 50 lks. wide, course SE., from deep canyon to NW.
- 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  $\frac{1}{4}$  S 26 in E. half;  
No bearings available, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Asc. prec. from cor.
- 58.16 Top of rim, high cliff, brs. ESE. & WNW., thence over high broken mesa, 1500 ft. above valley to SW.
- 72.00 Canyon, 3 chs. wide, course SE., near head. asc.
- 79.00 Spur, brs. SE. & NW., desc.
- 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 25 N R 7 W, in N. half,  
S 22 in NW.,  
S 23 in NE.,  
S 26 in SE., and  
S 27 in SW. quad.; from which,  
A cedar tree 20 ins. diam. brs. N.  $69^{\circ}$  E. 21 lks. dist., marked T 25 N R 7 W S 23 B T.  
A pinon tree 6 ins. diam. brs. S.  $61^{\circ}$  E. 32 lks. dist., marked T 25 N R 7 W S 26 B T.  
A pinon tree 10 ins. diam. brs. S.  $84^{\circ}$  W. 59 lks. dist., marked T 25 N R 7 W S 27 B T.  
A pinon tree 10 ins. diam. brs. N.  $75^{\circ}$  W. 96 lks. dist., marked T 25 N R 7 W S 22 B T.
- Land, mts., rough.  
Soil, 3rd rate, stony, dry.  
Cedar, pinon, scrub oak, cacti, fair grass in places.
- 
- S.  $89^{\circ} 58'$  E., on a random line, bet. secs. 23 & 26.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.18 Intersect N. & S. line at cor. of secs. 23, 24, 25 & 26, ~~hereinbefore described~~, whence I run, N.  $89^{\circ} 58'$  W., on a true line, bet. secs. 23 & 26.  
Over mts. land, desc. steep NW. slope.
- 6.00 Foot of slope, brs. NE. & SW.
- 7.50 Wash, 150 lks. wide, course SW.
- 10.35 Road, brs. SW. & NE.
- 30.00 Along S. point of wooded spur.
- 40.09 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;  
No trees in limits, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 52.00 Gulch, 25 lks. wide, course S., asc. steep E. slope.
- 70.00 Asc. prec. E. slope.
- 80.18 To cor. of secs. 22, 23, 26 & 27, ~~hereinbefore described~~.  
Land, mts., broken.  
Soil, 3rd rate, stony, gravelly, dry.  
Few cedar, pinons, scrub oak, cacti, fair grass.  
At this cor., at noon, clouds obscure the sun, impracticable to observe the lat.

Chains.

N. 0° 1' W., bet. secs. 22 & 23.  
 Over mts. land, desc. prec. N. slope.  
 34.50 Wash, 150 lks. wide, in canyon, 700 ft. deep, course SE. asc. steep.  
 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;  
 No bearings available.  
 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Asc. prec. from cor.  
 44.00 Top of prec. bluff, 100 ft. high, brs. SE. & NW., asc. grad.  
 48.00 Top of rise, thence over high rolling plateau, or mesa., brs. NW. & SE.  
 73.00 Desc.  
 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 25 N R 7 W, in N. half, S 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quad.; from which,  
 A pine tree 16 ins. diam. brs. N. 46 $\frac{3}{4}$ ° W. 175 lks. dist., marked T 25 N R 7 W S 15 B T.  
 No other bearings available.  
 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor. Land, mts., broken.  
 Soil, 3rd & 4th rate, stony, gravelly, dry.  
 Sparse cedar, pinon, pine, scrub oak, fair grass.

S. 89° 58' E., on a random line, bet. secs. 14 & 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.20 Intersect N. & S. line at cor. of secs. 13, 14, 23 & 24, ~~herebefore described~~, whence I run, N. 89° 58' W., on a true line, bet. secs. 14 & 23.  
 Over mts. land, desc. prec. stony SW. slope, through dense brush.  
 9.00 Wash, 30 lks. wide, course SE., asc.  
 24.75 Top of ridge, brs. NE. & SW., desc.  
 30.50 Drain, 10 lks. wide, course NE., asc.  
 40.10 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; from which,  
 A juniper tree 20 ins. diam. brs. S. 15 $\frac{1}{4}$ ° W. 50 lks. dist., marked  $\frac{1}{4}$  S 23 B T.  
 A cedar tree 8 ins. diam. brs. N. 22° W. 112 lks. dist., marked  $\frac{1}{4}$  S 14 B T.  
 40.50 Enter level land, top of rise, brs. NE. & SW.  
 57.14 Desc.  
 66.00 Wash, 30 lks. wide, course S., in canyon, 150 ft. deep, asc. Water in canyon 5 chs. above.  
 80.20 To cor. of secs. 14, 15, 22 & 23, ~~herebefore described~~.  
 Land, mts., broken.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Cedar, scrub oak, fair grass.

May 9, 1912.

beings... of ...

Chains.

May 10, 1912.  
 At 7h a.m., l.m.t., at the above corner, 11, 15, 20 & 23,  
 I set off 17°30' N. on the decl. arc, and 35°33' N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N. 0° 1' W., bet. secs. 14 & 15.  
 Over mts. land, desc. prec. N. slope, through dense  
 brush.  
 2.80 Wash, 50 lks. wide, course ESE., asc.  
 15.00 Ridge, brs. SE. & NW., desc.  
 20.50 Gulch, 30 lks. wide, course SE., asc.  
 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 15 in W., and  
 S 14 in E. half;  
 No trees available.  
 Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
 42.00 Ridge, brs. E. & W., desc.  
 47.00 Draw, 2 chs. wide, course E., asc.  
 64.00 Ridge, brs. NE. & SW., desc. through timber.  
 80.00 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 25 N R 7 W, in N. half,  
 S 10 in NW.,  
 S 11 in NE.,  
 S 14 in SE., and  
 S 15 in SW. quad.; from which,  
 A pinon tree 8 ins. diam. brs. N. 36° E. 207 lks. dist.,  
 marked T 25 N R 7 W S 11 B T.  
 A Juniper tree 12 ins. diam. brs. S. 32¼° E. 112 lks. dist.,  
 marked T 25 N R 7 W S 14 B T.  
 A Juniper tree 14 ins. diam. brs. S. 84¼° W. 247 lks. dist.,  
 marked T 25 N R 7 W S 15 B T.  
 A juniper tree 14 ins. diam. brs. N. 73¼° W. 207 lks. dist.,  
 marked T 25 N R 7 W S 10 B T.  
 Land, mts. Soil, 3rd rate, stony, gravelly, dry.  
 Cedar, pinon, scrub oak, cacti, good grass.

S. 89°58' E., on a random line, bet. secs. 11 & 14.  
 40.00 Set temp. ¼ sec. cor.  
 80.24 Intersect N. & S. line 5 lks. S. of cor. of  
 secs. 11, 12, 13 & 14, ~~hereinbefore described~~, whence I run,  
 West, on a true line, bet. secs. 11 & 14.  
 Over mts. land, asc. SE. slope, through dense cedar.  
 10.00 Top of rise, brs. NE. & SW.; desc. SW. slope.  
 19.50 Draw, 2 chs. wide, course SSE., asc..  
 26.50 Ridge, brs. NNE. & SSW., desc.  
 32.00 Draw, 2 chs. wide, course NNE., asc.  
 38.00 Ridge, brs. N. & S., desc.  
 40.12 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 11 in N., and  
 S 14 in S. half; from which,  
 A cedar tree 9 ins. diam. brs. S. 41° W. 6 lks. dist.,  
 marked ¼ S 14 B T.  
 A pinon tree 6 ins. diam. brs. N. 48¼° W. 111 lks. dist.,  
 marked ¼ S 11 B T.  
 56.00 Draw, 1 ch. wide, course NE., near head, asc.  
 62.50 Spur, brs. N. & S., desc.  
 69.00 Drain 10 lks. wide, course NW.  
 80.24 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~.  
 Land, mts., broken.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Cedar, pinon, juniper, scrub oak, cacti, good grass.  
 At this cor., at noon, I set off 17°41' N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 35°34' N.

Subdivision of T. 25 N., R. 7 W.

Chains.

N. 0° 1' W., bet. secs. 10 & 11.  
 Over mts. land, desc. through scattering timber & brush.  
 5.00 Draw, 3 chs. wide, course NW., asc.  
 17.00 Ridge, brs. NE. & SW., desc.  
 30.00 Draw, 2 chs. wide, course NE., 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 10 in W., and  
 S 11 in E. half; from which,  
 A cedar tree 12 ins. diam. brs. N. 68 $\frac{1}{4}$ ° W. 50 lks. dist.,  
 marked  $\frac{1}{4}$  S 10 B T.  
 A cedar tree 8 ins. diam. brs. N. 53° E. 108 lks. dist.,  
 marked  $\frac{1}{4}$  S 11 B T.  
 42.50 Top of ridge, brs. NE. & SW., desc.  
 63.00 Draw, 2 chs. wide, course NE., asc.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of sec. 2, 3, 10 & 11, marked on  
 brass cap, T 25 N R 7 W, in N. half,  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quad.; from which,  
 A cedar tree 7 ins. diam. brs. N. 77 $\frac{1}{2}$ ° E. 209 lks. dist.,  
 marked T 25 N R 7 W S 2 B T.  
 A cedar tree 8 ins. diam. brs. S. 80° E. 101 lks. dist.,  
 marked T 25 N R 7 W S 11 B T.  
 A cedar tree 7 ins. diam. brs. S. 30 $\frac{1}{2}$ ° W. 240 lks. dist.,  
 marked T 25 N R 7 W S 10 B T.  
 A cedar tree 8 ins. diam. brs. N. 75° W. 184 lks. dist.,  
 marked T 25 N R 7 W S 3 B T.  
 Land, mts., broken, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Cedar, scrub oak, few pinons, good grass.

East, on a random line, bet. secs. 2 & 11.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.20 Intersect N. & S. line 3 lks. N. of cor. of  
 secs. 1, 2, 11 & 12, ~~hereinbefore described~~, whence I run,  
 N. 89° 59' W., on a true line, bet. secs. 2 & 11.  
 Over mts. land, desc. NW. slope, through dense brush.  
 15.00 Draw, 2 chs. wide, course NE., asc. SE. slope.  
 25.00 Top of rise, continue to asc. on spur, E. & W.  
 40.10 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; from which,  
 A cedar tree 7 ins. diam. brs. S. 2° E. 76 lks. dist.,  
 marked  $\frac{1}{4}$  S 11 B T.  
 A cedar tree 8 ins. diam. brs. N. 76° W. 83 lks. dist.,  
 marked  $\frac{1}{4}$  S 2 B T.  
 45.00 Ridge, brs. NE. & SW., desc.  
 63.00 Draw, 3 chs. wide, course NE., asc. along SE. slope.  
 80.20 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.  
 Land, mts. broken.  
 Soil, 3rd rate, gravelly, dry.  
 Sparse cedar, pinon, scrub oak, good grass.

Chains.

N. 0° 1' W., on a random line, bet. secs. 2 & 3.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. bdy. of Tp. 12 lks. N. of cor. of <sup>in Book 5,</sup> secs. 2, 3, 34 & 35, ~~recently established~~ & described by me <sup>(whence I run,</sup> S. 0° 4' W., on a true line, bet. secs. 2 & 3.  
 Over mts. land, along top of ridge.  
 5.00 Desc. SW. slope.  
 24.00 Enter dense timber, brs. E. & W.  
 29.00 Leave timber, brs. E. & W.  
 31.00 Draw, 2 chs. wide, course SE., asc. grad.  
 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 3 in W., and S 2 in E. half; ~~from~~  
 No bearings available.  
 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 64.00 Ridge, brs. E. & W., desc.  
 80.02 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore~~ described.  
 Land, mts., rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Cedar, pinon, scrub oak, cacti, good grass.  
 May 10, 1912.

hereinbefore described.

hereinbefore described.

Chains.

Jan. 12, 1912.  
 At 9h a.m., l.m.t., at the Std. cor. of secs. 33 & 34, on the S. bdy. of the Tp., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General, I set off  $21^{\circ}45'$  S. on the decl. arc, and  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
 N.  $0^{\circ}2'$  W., bet. secs. 33 & 34.  
 Over open valley, asc. slightly.  
 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 33 in W., and S 34 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.  
 60.00 Foot. of main slope, brs. E. & W., asc.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 & 34, marked on brass cap, T 25 N R 7 W, in N. half,  
 S 28 in NW.,  
 S 27 in NE.,  
 S 34 in SE., and  
 S 33 in SW. quad.; pits impracticable,  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, level.  
 Soil, 3rd rate, sandy, loose, gravelly.  
 Sage brush, cacti, good grass.

East, on a random line, bet. secs. 27 & 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.46 Intersect N. & S. line 7 lks. N. of cor. of secs. 26, 27, 34 & 35, ~~hereinbefore described~~, whence I run, N.  $89^{\circ}57'$  W., on a true line, bet. secs. 27 & 34.  
 Over rolling land, asc. grad. through scattering cedar and pinon.  
 20.00 Along Steep, stony S. slope, sparse cedar.  
 40.23 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;  
 No trees in limits, pits impracticable.  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Cedars extend to S. for  $\frac{1}{2}$  mile.  
 Open prec. S. slope to N. asc. prec. for 1500 ft.  
 50.00 Top of rise, S. slope, desc. WSW. slope.  
 80.46 To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~.  
 Land, ~~broken~~, broken.  
 Soil, Stony, dry, loose.  
 Sparse cedar, pinon, scrub oak, cacti, poor grass.  
 At this cor., at noon, I set off  $21^{\circ}44\frac{1}{2}'$  S. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}31\frac{1}{2}'$  N.

Chains

May 11, 1912.

At 8h a.m., l.m.t., at the above corners, 27, 28, 27 & 28,  
I set off  $17^{\circ}54\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ}31\frac{1}{2}'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,

N.  $0^{\circ}2'$  W., bet. secs. 27 & 28.

Over mts. land, asc. 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 28 in W., and  
 $\frac{1}{4}$  S 27 in E. half;

No bearings available.

Dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$   
ft. high W. of cor.

42.00 Asc. prec.

56.00 Top of high mesa, 1600 ft. above valley to SW., brs. SE. &  
NW., asc. grad.

70.00 Top of rise, brs. SE. & NW., desc. grad.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 21, 22, 27 & 28, marked on  
brass cap, T 25 N R 7 W, in N. half,

S 21 in NW.,

S 22 in NE.,

S 27 in SE., and

S 28 in SW. quad.; from which,

A pinon tree 18 ins. diam. brs. S.  $61^{\circ}$  W. 121 lks. dist.,  
marked T 25 N R 7 W S 28 B T.

No other trees available.

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

Land mts. Soil, 4th rate, stony. No timber.

S.  $89^{\circ}57'$  E., on a random line, bet. secs. 22 & 27.

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

80.44 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of  
secs. 22, 23, 26 & 27, ~~hereinbefore described~~, whence I run,  
N.  $89^{\circ}58'$  W., on a true line, bet. secs. 22 & 27.

Over mts. land along N. slope, sparse cedar and pinon.

40.22 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

S 27 in S. half; from which,

A cedar tree 15 ins. diam. brs. S.  $59^{\circ}$  W. 42 lks. dist.,  
marked  $\frac{1}{4}$  S 27 B T.

A pinon tree 6 ins. diam. brs. N.  $35^{\circ}$  W. 59 lks. dist.,  
marked  $\frac{1}{4}$  S 22 B T.

A canyon is 10 chs. to N. of line runs ENE., thence  
along S. side of same, asc. grad.

80.44 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.

Land, mts.

Soil, 3rd rate, stony, gravelly, dry.

Few cedars and pinons, scrub oak, cacti, fair grass.

At this cor. at noon, sun is overcast, impracticable to  
observe the lat.



Chains.

May 13, '1912.

At 8h a.m., l.m.t., at the above corner, I set off  $18^{\circ}24\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ}32\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar.

Thence I run,

N.  $0^{\circ}2'$  W., bet. secs. 21 & 22.

Over mts. land, desc.

- 3.00 Gulch, 40 lks. wide, course ENE., near head, runs into deep box canyon to ENE., asc.
- 29.75 Top of sharp ridge, brs. E. & W., desc. through timber.
- 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 21 in W., and  
 $\frac{1}{4}$  S 22 in E. half; from which,  
 A pinon tree 8 ins. diam. brs. S.  $78\frac{1}{4}^{\circ}$  W. 45 lks. dist., marked  $\frac{1}{4}$  S 21 B T.  
 A pinon tree 5 ins. diam. brs. S.  $46\frac{1}{2}^{\circ}$  E. 33 lks. dist., marked  $\frac{1}{4}$  S 22 B T.
- Desc. over broken hills.
- 41.00 Head of gulch, course E., asc.
- 50.00 Ridge, brs. E. & W., desc. over very broken land, drains to ENE., leave timber, brs. SE. & NW.
- 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 25 N R 7 W, in N. half,  
 S 16 in NW.,  
 S 15 in NE.,  
 S 22 in SE., and  
 S 21 in SW. quad.;
- No trees available.  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, mts., broken.  
 Soil, 3rd rate, dry, gravelly, stony.  
 Cedar, pinon, scrub oak, fair grass.

- S.  $89^{\circ}58'$  E., on a random line, bet. secs. 15 & 22.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.34 Intersect N. & S. line 3 lks. N. of cor. of secs. 14, 15, 22 & 23, ~~herebefore described~~, whence I run, N.  $89^{\circ}57'$  W., on a true line, bet. secs. 15 & 22.  
 Over mts. land, along N. slope, through dense brush., asc.
- 1.00 Desc. grad.
- 5.71 Wash, 35 lks. wide, course ENE., turns to E. & SE., asc.
- 23.00 Ridge, brs. SE. & NW., desc.
- 30.50 Draw, 2 chs. wide, course SE., asc. grad.
- 32.50 Flat ridge, brs. SE. & NW.
- 37.75 Wash, 50 lks. wide, course SE., asc.
- 40.17 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  
 $\frac{1}{4}$  S 22 in S. half; from which,  
 A juniper tree 14 ins. diam. brs. N.  $75\frac{1}{2}^{\circ}$  E. 143 lks. dist., marked  $\frac{1}{4}$  S 15 B T.  
 A cedar tree 8 ins. diam. brs. S.  $87\frac{1}{4}^{\circ}$  E. 14 lks. dist., marked  $\frac{1}{4}$  S 22 B T.
- Asc. grad. over broken land, drains to E.
- 80.34 To cor. of secs. 15, 16, 21 & 22, ~~herebefore described~~,  
 At this cor., at noon, I set off  $18^{\circ}26\frac{1}{2}'$  N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}33'$  N.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry, stony.  
 Some cedar, pinon, scrub oak, good grazing.

Chains.

- May 18, 1912.  
At 8h a.m., l.m.t., at the above corner, 15, 16, 9 & 22,  
I set off  $19^{\circ}34\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ}33'$  N. on  
the lat. arc, and determine a meridian with the solar.,  
Thence I run,  
N.  $0^{\circ}2'$  W., bet. secs. 15 & 16.  
Over mts. land, desc. grad. over broken ENE. slope.  
Sparse cedar and pinon.
- 30.00 Gulch, 50 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,  
 $\frac{1}{4}$  S 16 in W., and  
S 15 in E. half; from which,  
A cedar tree 10 ins. diam. brs. S.  $85^{\circ}$  E. 251 lks. dist.,  
marked  $\frac{1}{4}$  S 15 B T.  
A scrub oak 6 ins. diam. brs. S.  $44^{\circ}$  W. 87 lks. dist.,  
marked  $\frac{1}{4}$  S 16 B T.
- 41.00 Asc.  
50.00 Ridge, brs. ESE. & WNW., desc.  
65.00 Draw, 3 chs. wide, course SE., asc. along WSW. slope of  
spur.  
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 25 N R 7 W, in N. half,  
S 9 in NW.,  
S 10 in NE.,  
S 15 in SE., and  
S 16 in SW. quad.; from which,  
A cedar tree 10 ins. diam. brs. N.  $39^{\circ}$  E. 163 lks. dist.,  
marked T 25 N R 7 W S 10 B T.  
A cedar tree 10 ins. diam. brs. S.  $31^{\circ}$  E. 32 lks. dist.,  
marked T 25 N R 7 W S 15 B T.  
A cedar tree 14 ins. diam. brs. S.  $7^{\circ}$  W. 71 lks. dist.,  
marked T 25 N R 7 W S 16 B T.  
A cedar tree 12 ins. diam. brs. N.  $57^{\circ}$  W. 109 lks. dist.,  
marked T 25 N R 7 W S 9 B T.
- Land, mts., broken.  
Soil, 3rd rate, stony, gravelly, dry.  
Cedar, pinon, scrub oak, good grass.  
~~bedrock exposed~~
- 
- S.  $89^{\circ}57'$  E., on a random line, bet. secs. 10 & 15.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.30 Intersect N. & S. line 7 lks. S. of cor. of  
secs. 10, 11, 14 & 15, ~~hereinbefore described~~ whence I run,  
West, on a true line, bet. secs. 10 & 15.  
Over mts. land, desc. NW. slope.  
19.90 Deep draw, 8 chs. wide, course SW., turns to S. large  
grove of pine trees in valley of same about 15 chs. to  
S., asc. grad.  
30.00 Spur, brs. S. & N., desc.  
40.15 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; from which,  
A cedar tree 10 ins. diam. brs. N.  $83^{\circ}$  E. 183 lks. dist.,  
marked  $\frac{1}{4}$  S 10 B T.  
A juniper tree 15 ins. diam. brs. S.  $8^{\circ}$  E. 154 lks. dist.,  
marked  $\frac{1}{4}$  S 15 B T.  
Cor. near head of small gulch, course ESE., asc. grad.  
along S. slope.  
70.00 Asc. E. slope of spur.  
78.00 Spur, brs. S. & N., turns to SSE., desc.  
80.30 To cor. of secs. 9, 10, 15 & 16. ~~hereinbefore described~~  
Land, mts., broken.  
Soil, 3rd rate, stony, gravelly, dry.  
Cedar, pinon, scrub oak, good grass.  
At this cor. at noon, I set off  $19^{\circ}36\frac{1}{2}'$  N. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is  $35^{\circ}34'$  N.

Subdivision of T. 25 N., R. 7 W.

Chains N. 0° 2' W., bet. secs. 9 & 10.  
 Over heavily rolling, broken mesa.  
 14.00 Ridge, brs. E. & W., desc. grad.  
 20.00 Small tank, brs. E. 6 chs. dist.  
 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; from which,  
 A cedar tree 12 ins. diam. brs. S. 65° E. 90 lks. dist.,  
 marked  $\frac{1}{4}$  S 10 B T.  
 A cedar tree 14 ins. diam. brs. S. 31° W. 155 lks. dist.,  
 marked  $\frac{1}{4}$  S 9 B T.  
 56.50 Draw, 2 chs. wide, course E., asc. grad.  
 71.00 Ridge, brs. NE. & SW., desc.  
 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 25 N R 7 W, in N. half,  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW. quad.; No bearings available.  
 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, mts., broken, rolling. Soil, 3rd rate, gravelly, dry.  
 Sparse cedar, pinon, good grass.

East, on a random line, bet. secs. 3 & 10.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.32 Intersect N. & S. line 5 lks. N. of cor. of  
 secs. 2, 3, 10 & 11, ~~wherebefore described~~ whence I run,  
 N. 89° 58' W., on a true line, bet. secs. 3 & 10.  
 Over mts. land, along top of ridge, through dense brush.  
 30.00 Top of long spur, brs. NE. & SW., desc.  
 40.16 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; No bearings available.  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 48.00 Draw, 10 chs. wide, course NE., asc.  
 72.00 Spur, brs. NE. & SW., thence desc. NW. slope.  
 80.32 To cor. of secs. 3, 4, 9 & 10, ~~herebefore described~~  
 Land, mts., rolling. Soil, 3rd rate, gravelly, dry.  
 Few cedars and junipers, good grass.

N. 0° 4' E., on a random line, bet. secs. 3 & 4.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. bdy. of Tp. 23 $\frac{1}{2}$  lks. W. of cor. of in Book 5,  
 secs. 3, 4, 33 & 34, ~~recently established & described by me~~ whence I run,  
 S. 0° 14' W., on a true line, bet. secs. 3 & 4.  
 Over mts. land, asc.  
 3.00 Top of hill, brs. W. & E., desc.  
 23.00 Draw, 4 chs. wide, course NE., asc.  
 38.00 Spur, brs. NNE. & SW., thence along ESE. slope.  
 40.08 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; from which,  
 A juniper tree 10 ins. diam. brs. N. 64° E. 77 lks. dist.,  
 marked  $\frac{1}{4}$  S 3 B T.  
 A juniper tree 20 ins. diam. brs. N. 13° W. 124 lks. dist.,  
 marked  $\frac{1}{4}$  S 4 B T.  
 50.00 Spur, brs. ENE. & WSW., desc.  
 64.20 Head of draw, course ENE.,  
 71.80 Draw 2 chs. wide, course ENE., dry well 50 ft. deep 30  
 lks. to W., asc.  
 80.08 To cor. of secs. 3, 4, 9 & 10, ~~herebefore described~~  
 Land, mts., broken. Soil, 3rd rate, gravelly, dry.  
 Sparse cedar, pinon, juniper, scrub oak, good grass.  
 May 18, 1912.

Chains.

Jan. 12, 1912. (with brass cap, marked & witnessed as described by the Surveyor General)  
 At 1h p.m., l.m.t., at the Std. cor. of secs. 32 & 33, on the S. bdy. of the Tp., which is an iron post 3 ins. in diam., 1 ft. above ground. I set off 21<sup>45</sup>' S. on the decl. arc, and 35°30<sup>1</sup>' N: on the lat. arc, and determine a meridian with the solar. Thence I run,  
 N. 0° 2' W., bet. secs. 32 & 33.  
 Over level grassy plain.  
 14.32 Road, brs. ENE. & WSW.  
 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 32 in W., and S 33 in E. half; No bearings available. 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.  
 55.75 Road, brs. NW. & SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 28, 29, 32 & 33, marked on brass cap, T 25 N R 7 W, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quad.; No bearings available, 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, level. Soil, 3rd rate, sandy, gravelly, dry, loose. Sparse sage brush, cacti, good grass.

East, on a random line, bet. secs. 28 & 33.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line 2 lks. N. of cor. of secs. 27, 28, 33 & 34, ~~hereinbefore described~~, whence I run, N. 39°59' W., on a true line, bet. secs. 28 & 33. Over rolling land, drains to SSW., desc. grad.  
 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 28 in N., and S 33 in S. half; No bearings available, Dig pits 18x18x12 ins. E. & 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.  
 80.02 To cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~. Land, level, rolling. Soil, 2nd & 3rd rate, gravelly, sandy, dry, loose. Sparse sage brush and cacti, good grass.

N. 0°3' W., bet. secs. 28 & 29.  
 Over rolling land, 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 29 in W., and S 28 in E. half; no bearings available, 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.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 25 N R 7 W, in N. half, S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in SW. quad.; no bearings available, dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, sandy, gravelly, dry, loose. Sparse sage brush, cacti, greasewood, good grass.

Chains.

May 11, 1912.

At 1h p.m., l.m.t., at the above described corner, 20 & 29,  
I set off 17° 57' N. on the decl. arc, and 35° 32' N. on  
the lat. arc, and determine a meridian with the solar.

- Thence I run,  
S. 89° 59' E., on a random line, bet. secs. 21 & 28.
- 40.00 Set temp. 1/4 sec. cor.
- 80.12 Intersect N. & S. line 5 lks. N. of cor. of  
secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run,  
N. 89° 57' W., on a true line, bet. secs. 21 & 28.  
Over mts. land, asc. grad. along NNE. slope.
- 20.00 SW. rim of mesa, brs. NW. & SE., desc. abruptly 200 ft.  
thence desc. prec. WSW. slope.
- 40.06 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 21 in N., and  
S 28 in S. half; No bearings available,  
raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
Desc. grad. from cor.
- 60.00 Foot of main slope, brs. NW. & SE., desc. gently.
- 80.12 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.  
Land, mts., rough.  
Soil, 3rd rate, stony, dry.  
Few cedars and pinons, scrub oak, cacti, poor grass.  
May 11, 1912.

Jan. 12, 1912.

At 4h p.m., l.m.t., at the above corner, 20 & 29,  
I set off 21° 44' S. on the decl. arc, and 35° 32' N. on  
the lat. arc, and determine a meridian with the solar.

- Thence I run,  
N. 0° 3' W., bet. secs. 20 & 21.  
Over mts. land, asc. very stony; broken SW. slope.
- 11.70 Foot of main slope, brs. NW. & SE., asc. steep SW. slope.
- 12.00 Stony wash, 150 lks. wide, course SW.
- 25.50 Gulch, 50 lks. wide, course WSW.
- 39.50 Gulch, 50 lks. wide, course WSW.
- 40.00 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 20 in W., and  
S 21 in E. half; no bearings available,  
raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
- 52.00 Asc. prec.
- 62.00 Top of high stony W. point of mesa, brs. W. & E.
- 77.00 Desc. prec. MNW. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. on bed-rock,  
in mound of stone for cor. of secs. 16, 17, 20 & 21,  
marked on brass cap,  
T 25 N R 7 W, in N. half,  
S 17 in NW.,  
S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quad.; no bearings available,  
raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
Land, mts., rough.  
Soil, 3rd rate, stony, gravelly, dry.  
Sparse cedar, pinon, scrub oak, poor grass.  
Jan. 12, 1912.

## Chains.

May 20, 1912.  
 At 7<sup>h</sup> a.m., l.m.t., at the above described corner, I set off 20°02' N. on the decl. arc, and 35°33' N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
 S. 89°57' E., on a random line, bet. secs. 16 & 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.22 Intersect N. & S. line 7 lks. S. of cor. of secs. 15, 16, 21 & 22, ~~herebefore described~~ whence I run West, on a true line, bet. secs. 16 & 21.  
 Over very rough, broken mts. land, or high plateau, asc.  
 20.00 Top of round butte, on ridge, brs. N. & S., desc.  
 37.80 Stony gulch, 150 lks. wide, course SW., asc.  
 40.11 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; from which,  
 A pinon tree 5 ins. diam. brs. N. 78° E. 71 lks. dist., marked  $\frac{1}{4}$  S 16 B T.  
 A pinon tree 6 ins. diam. brs. S. 79° W. 75 lks. dist., marked  $\frac{1}{4}$  S 21 B T.  
 46.00 Rocky spur, brs. SW. & NE., near SW. point, desc. prec.  
 56.00 Canyon, 3 chs. wide, course WNW., thence along steep, stony N. slope.  
 68.00 Desc. abrupt 75 ft., slope turns to NNW.  
 69.50 Spring 7 chs. to N. of line, small stream of water.  
 80.22 To cor. of secs. 16, 17, 20 & 21, ~~herebefore described~~.  
 Land, mts, very rough.  
 Soil, 3rd & 4th rate, stony.  
 Cedar, pinon, scrub oak, poor grass.

N. 0° 3' W., bet. secs. 16 & 17.  
 Over mts. land, desc. prec. NNW. slope.  
 7.50 Stony Gulch, 150 lks. wide, course W., asc. steep SSW. 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 17 in W., and  
 S 16 in E. half; no trees available,  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 44.00 Top of rim, brs. NW. & SE., thence through dense pinon, on rim of mesa.  
 56.00 Desc. prec. NW. slope.  
 62.00 Canyon, 5 chs. wide, 500 ft. deep, course W., asc. prec.  
 77.00 Top of S. point of mesa, brs. NE. & NW., asc. on same.  
 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 25 N R 7 W, in N. half,  
 S 8 in NW.,  
 S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quad.; from which,  
 A pinon tree 15 ins. diam. brs. N. 50° E. 136 lks. dist., marked T 25 N R 7 W S 9 B T.  
 A cedar tree 12 ins. diam. brs. S. 70° E. 70 lks. dist., marked T 25 N R 7 W S 16 B T.  
 A pinon tree 6 ins. diam. brs. S. 75° W. 68 lks. dist., marked T 25 N R 7 W S 17 B T.  
 A pinon tree 8 ins. diam. brs. N. 45° W. 100 lks. dist., marked T 25 N R 7 W S 8 B T.  
 Land, rough, broken, mts.  
 Soil, 3rd & 4th rate, very stony.  
 Cedar, pinon, scrub oak, poor grass.  
 At this cor., at noon, I set off 20°02' N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is 35°34' N.

Chains.

- East, on a random line, bet. secs. 9 & 16.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.20 Intersect N. & S. line 7 lks. N. of cor. of  
secs. 9, 10, 15 & 16, ~~hereinbefore described~~, whence I run,  
N.  $89^{\circ}57'$  W., on a true line, bet. secs. 9 & 16.  
Over mts. land, desc. steep SW. slope.
- 3.00 Canyon, 50 lks. wide, course SW., asc. steep.
- 6.00 Small spur, brs. SW. & NE., desc.
- 17.00 Deep draw, 2 chs. wide, course SSE., asc. N. side of spur.
- 24.00 Asc. along E. slope of ridge, through dense timber.
- 39.50 Ridge, main divide, brs. SSE. & NNW., desc.
- 40.10 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 N., and  
S 16 in S. half; from which,  
A pinon tree 7 ins. diam. brs. N.  $33^{\circ}$  E. 60 lks. dist.,  
marked  $\frac{1}{4}$  S 9 B T.  
A pinon tree 8 ins. diam. brs. S.  $7^{\circ}$  E. 48 lks. dist.,  
marked  $\frac{1}{4}$  S 16 B T.
- 65.50 Canyon, 150 lks. wide, course SSE., turns to SW., asc. ~~steep~~  
steep.
- 77.00 Top of S. point of spur from rim, brs. NE. & SW.
- 80.20 To cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~.  
Land, mts., broken, rough.  
Soil, 3rd rate, stony, gravelly, dry.  
Cedar, pinon, scrub oak, fair grass.

May 21, 1912.

- At 8h a.m., l.m.t., at the above corner, 8, 9, 16 & 17,  
I set off  $20^{\circ}12\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ}34'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ}3'$  W., bet. secs. 8 & 9.  
Over mts. land, asc. grad.
- 20.00 Top of rise, brs. NNW. & SSE., thence on high plateau.
- 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 8 in W., and  
S 9 in E. half; from which,  
A cedar tree 8 ins. diam. brs. S.  $23^{\circ}$  E. 26 lks. dist.,  
marked  $\frac{1}{4}$  S 9 B T.  
A pinon tree 6 ins. diam. brs. S.  $32^{\circ}$  W. 24 lks. dist.,  
marked  $\frac{1}{4}$  S 8 B T.
- Head of deep canyon is 15 chs. to W., runs N.
- 74.00 Desc. NW. slope, leave timber.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. on bed-rock, in  
in mound of stone for cor. of secs. 4, 5, 8 & 9, marked on  
brass cap, T 25 N R 7 W, in N. half,  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quad.; from which,  
A pinon tree 8 ins. diam. brs. S.  $51^{\circ}$  E. 114 lks. dist.,  
marked T 25 N R 7 W S 9 B T.  
No other trees available, pits impracticable.  
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.  
Cedar, pinon, scrub oak, cacti, fair grass.

Chains.	S. 89°57' E., on a random line, bet. secs. 4 & 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line 2 lks. S. of cor. of secs. 3, 4, 9 & 10, <del>herebefore described</del> , whence I run, N. 89°58' W., on a true line, bet. secs. 4 & 9. Over mts. land, desc.
8.00	Draw, 3 chs. wide, course NE., asc.
22.00	Ridge, brs. NNE. & SSE., desc.
28.00	Ravine, 50 lks. wide, course NNW., near head, asc.
37.00	Spur, brs. NNW. & SSE., desc.
40.07	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; from which, A cedar tree 10 ins. diam. brs. S. 23° E. 58 lks. dist., marked $\frac{1}{4}$ S 9 B T. A cedar tree 8 ins. diam. brs. N. 78° W. 57 lks. dist., marked $\frac{1}{4}$ S 4 B T.
42.00	Draw, 2 chs. wide, course NNW., asc.
62.00	Top of rise, brs. NNW. & SSE., desc. along NNW. slope,
80.14	To cor. of secs. 4, 5, 8 & 9, <del>herebefore described</del> : Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Cedar, pinon, scrub oak, fair grass. At this cor., at noon, I set off 20°14' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35°35' N.
	N. 0°14' E., bet. secs. 4 & 5, on a random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. bdy. of Tp. 9 lks. W. of cor. of <sup>in Book 5,</sup> secs. 4, 5, 32 & 33, <del>recently established &amp; described by me</del> whence I run, S. 0°18' W., on a true line, bet. secs. 4 & 5. Over mts. land, asc.
10.00	Top, near W. rim of mesa, brs. NNW. & SSE.
35.00	Desc.
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 5 in W., and S 4 in E. half; from which, A pinon tree 10 ins. diam. brs. N. 76° E. 28 lks. dist., marked $\frac{1}{4}$ S 4 B T. A pinon tree 8 ins. diam. brs. N. 32° W. 40 lks. dist., marked $\frac{1}{4}$ S 5 B T.
42.00	Head of gulch, course WSW., asc. steep.
47.00	Top of W. point of mesa, brs. NE. & SSW.
52.00	Desc. prec. rim of mesa, brs. NNW. & SSE.
76.00	Canyon, 50 lks. wide, 200 ft. deep, course W., heads 15 chs. to ENE., asc. steep.
80.04	To cor. of secs. 4, 5, 8 & 9, <del>herebefore described</del> . Land, mts., broken, rough. Soil, 3rd & 4th rate, stony, dry. Cedar, pinon, scrub oak, fair grass in places.



Chains.

Jan. 13, 1912.

At 8h a.m., l.m.t., at the Std. cor. of secs. 31 & 32, on the S. bdy. of the Tp., which is an iron post 1 ft. above ground, 3 ins. in diam. with brass cap, marked and witnessed as described by the Surveyor-General, I set off 21°34' S. on the decl. arc, and 35°30' N. on the lat. arc, and determine a meridian with the solar. Thence I run,

N. 0° 3' W., bet. secs. 31 & 32.

Over level, grassy plain, sparse sage brush and cacti.

34.00 Road, brs. NW. & SE.

40.00 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 31 in W., and 1/4 S 32 in E. half; no bearings available,

Dig pits 18x18x12 ins. N. & 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 an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 25 N R 7 W, in N. half,

S 30 in NW.,  
S 29 in NE.,  
S 32 in SE., and  
S 31 in SW. 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, level, open.

Soil, 3rd rate, sandy, loose, dry.

Sage brush, cacti, good grass.

East, on a random line, bet. secs. 29 & 32.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. & S. line 2 lks. N. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~ whence I run, N. 89°59' W., on a true line, bet. secs. 29 & 32.

Over open, level plain.

14.60 Road, brs. NNW. & SSE.

40.05 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 29 in N., and 1/4 S 32 in S. half;

dig pits 18x18x12 ins. E. & 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.

80.10 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.

Land, level, gently undulating.

Soil, 3rd rate, gravelly, sandy, loose, dry.

Sage brush, cacti, good grass.

West, on a random line, bet. secs. 30 & 31.

40.00 Set temp. 1/4 sec. cor.

79.95 Intersect West bdy. of Tp. 5 lks. S. of cor. of secs. 25, 30, 31 & 36, recently established by W.H. Elliott, and by him described, in Book 1, whence I run,

S. 89°58' E., on a true line, bet. secs. 30 & 31.

Over level, grassy plain.

39.00 Road, Pine Springs to Seligman, brs. NNW. & SSE.

39.95 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 30 in N., and 1/4 S 31 in S. half;

dig pits 18x18x12 ins. E. & 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.

79.95 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~,

Land, level.

Soil, 2nd & 3rd rate, sady, gravelly, loose, dry.

Sparse sage brush, cacti, fine grass.

- Chains.
- N. 0° 3' W., bet. secs. 29 & 30.  
Over open, grassy plain.
- 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 30 in W., and  
S 29 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.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 25 N R 7 W, in N. half,  
S 19 in NW.,  
S 20 in NE.,  
S 29 in SE., and  
S 30 in SW. 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 gently, level.  
Soil, 2nd & 3rd rate, sandy, loose, dry.  
Sparse cact, and sage brush, fine grass.
- 
- S. 89°59' E., on a random line, bet. secs. 20 & 29.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. & S. line at cor. of  
secs. 20, 21, 28 & 29, ~~hereinbefore described~~ whence I run,  
N. 89°59' W., on a true line, bet. secs. 20 & 29.  
Over gently undulating plain, desc. gently.
- 20.00 Stony wash, 150 lks. wide, course SW.
- 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 20 in N., and  
S 29 in S. half;  
dig pits 18x18x12 ins. E. & W. 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.
- 64.17 Road, brs. NW. & SSE.
- 80.02 To cor. of secs. 19, 20, 29 & 30, ~~hereinbefore described~~,  
Land, gently rolling, level.  
Soil, 3rd rate, sandy, gravelly, dry, loose.  
Sage brush, cacti, greasewood, good grass.  
At this cor., at noon, I set off 21°25' S. on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is 35°32 $\frac{1}{2}$ ' N.
- 
- N. 89°58' W., on a random line, bet. secs. 19 & 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.87 Intersect W. bdy. of Tp. 2 $\frac{1}{2}$  lks. N. of cor. of  
secs. 19, 24, 25 & 30, as recently established by W.H. Elliott, and by him described, in Book 11, whence I run,  
S. 89°59' E., on a true line, bet. secs. 19 & 30.  
Over level, open plain, fine grass.
- 8.53 Road, brs. N. & SSE., Pine Springs to Seligman.
- 39.87 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 19 in N., and  
S 30 in S. half;  
dig pits 18x18x12 ins. E. & 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.
- 55.57 Road, brs. N. & S., dim.
- 79.87 To cor. of secs. 19, 20, 29 & 30, ~~hereinbefore described~~.  
Land, level, gently undulating.  
Soil, 3rd rate, sandy, gravelly, loose, dry.  
Sage brush, cacti, fine grass.

## Chains.

- N.  $0^{\circ} 3'$  W., bet. secs. 19 & 20.  
Over gently undulating, grassy plain.
- 25.08 Road, brs. NNW. & SSE.
- 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 19 in W., and S 20 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.
- 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 25 N R 7 W, in N. half, S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. 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 gently.  
Soil, 3rd rate, sandy, gravelly, dry, loose.  
Sage brush, cacti, greasewood, good grass.
- 
- S.  $89^{\circ} 59'$  E., on a random line, bet. secs. 17 & 20.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.98 Intersect N. & S. line 5 lks. N. of cor. of secs. 16, 17, 20 & 21, ~~hereinbefore described~~ whence I run, N.  $89^{\circ} 57'$  W., on a true line, bet. secs. 17 & 20.  
Over mts. land, desc. prec. NNW. slope of mesa, bluff.
- 38.00 Foot of main slope, brs. ENE. & SW., desc. steep.
- 39.99 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; from which,  
A pinon tree 5 ins. diam. brs. N.  $85^{\circ}$  E. 20 lks. dist., marked  $\frac{1}{4}$  S 17 B T.  
A pinon tree 5 ins. diam. brs. S.  $20^{\circ}$  W. 77 lks. dist., marked  $\frac{1}{4}$  S 20 B T.
- 51.00 Wash, 15 lks. wide, course SW., desc. grad.
- 79.98 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~.  
Land, mts., rough. Soil, 3rd rate, stony, gravelly, dry.  
Cedar, pinon, scrub oak, cacti, greasewood, fair grass.  
Jan. 13, 1912.
- 
- Jan. 15, 1912.  
At 8h a.m., l.m.t., at the above corners, 17, 18, 19 & 20, I set off  $21^{\circ} 14'$  S. on the decl. arc, and  $35^{\circ} 33'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
N.  $89^{\circ} 59'$  W., on a random line, bet. secs. 18 & 19.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.83 Intersect W. bdy. of Tp.  $2\frac{1}{2}$  lks. S. of cor. of secs. 13, 18, 19 & 24, as recently established by W.H. Elliott, and by him described, in ~~Book 1~~ whence I run, S.  $39^{\circ} 58'$  E., on a true line, bet. secs. 18 & 19.  
Over gently undulating grassy plain.
- 8.50 Road, Pine Springs to Seligman, brs. N. & S.
- 38.00 Road, brs. N. & S.
- 39.33 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 N., and S 19 in S. half; dig pits 18x18x12 ins. E. & 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.
- Asc. gently from cor.
- 79.83 To cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~.  
Land, gently rolling. Soil, 2nd & 3rd rate, sandy, loose, dry.  
Sage brush, cacti, greasewood, fine grass.

Chains.

N.  $0^{\circ} 3'$  W., bet. secs. 17 & 18.  
Over rolling land, asc. grad. over broken W. slope, sandstone ledges.

10.00 Stony flat point, brs. E. & W., desc. through dense cedar and pinon.

30.00 Stony point, brs. W. & E.

38.00 Middle of draw, mouth of gulch, 3 chs. wide, course 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 18 in W., and  
S 17 in E. half; from which,  
A pinon tree 10 ins. diam. brs. N.  $46^{\circ}$  E. 6 lks. dist., marked  $\frac{1}{4}$  S 17 B T.  
A pinon tree 8 ins. diam. brs. S.  $64^{\circ}$  W. 64 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

40.80 Asc. steep.

44.00 Top rocky ledge, brs. W. & E.

53.00 Desc.

56.00 Gulch, 150 lks. wide, course W., asc.

70.00 Stony point, brs. W. & E., desc.

74.00 Gulch, 50 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. 7, 8, 17 & 18, marked on brass cap, T 25 N R 7 W, in N. half,  
S 7 in NW.,  
S 8 in NE.,  
~~S 17 in SE., and~~  
S 18 in SW. quad; from which,  
A pinon tree 8 ins. diam. brs. N.  $48^{\circ}$  E. 72 lks. dist., marked T 25 N R 7 W S 8 B T.  
A pinon tree 8 ins. diam. brs. S.  $88\frac{1}{2}^{\circ}$  E. 46 lks. dist., marked T 25 N R 7 W S 17 B T.  
No other bearings available, pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling, broken, mts.  
Soil, 3rd rate, gravelly, stony, dry.  
Cedar, pinon, scrub oak, cacti, fair grass.

Jan. 15, 1912.

May. 20, 1912. 11:30 a.m.

S.  $89^{\circ} 57'$  E., on a random line, bet. secs. 8 & 17.

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

80.02 Intersect N. & S. line 3 lks. S. of cor. of secs. 8, 9, 16 & 17 ~~hereinbefore described~~, whence I run, N.  $89^{\circ} 58'$  W., on a true line, bet. secs. 8 & 17.  
Over mts. land, desc.

2.00 Desc. prec. SW. slope, from rim of mesa, brs. NW. & SE.

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 8 in N., and  
S 17 in S. half;  
No bearings available,  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

56.00 Foot of steep slope, brs. NNW. & SSE. desc. through dense cedar and pinon.

75.00 Sandstone ledge, brs. NNW. & SSE., desc. steep, leave dense cedar and pinon.

80.02 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore described~~.  
Land, mts., rough.  
Soil, 3rd rate, stony, dry.  
Cedar, pinon, scrub oak, sparse grass.

May. 20, 1912.

Subdivision of T. 25 N., R. 7 W.

Chains

Jan. 15, 1912,  
 N. 89°58' W., on a random line, bet. secs. 7 & 18.  
 40.00 Set temp. 1/4 sec. cor.  
 79.80 Intersect W. bdy. of Tp. 3 lks. S. of cor. of  
 secs. 7, 12, 13 & 18, as recently established by  
 W.H. Elliott, and by him described, in Book 1, whence I run,  
 S. 89°57' E., on a true line, bet. secs. 7 & 18.  
 Over gently rolling land, asc. grad.  
 6.05 Road, brs. N. & S., Pine Springs to Seligman.  
 39.80 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 7 in N., and  
 1/4 S 18 in S. half;  
 dig pits 18x18x12 ins. E. & 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.  
 45.00 Road, brs. NNW. & SSE.  
 48.00 Enter, dense cedar and pinon, brs. N. & S, asc. broken  
 W. slope.  
 68.00 Asc. steep.  
 79.80 To cor. of secs. 7, 8, 17 & 18, hereinbefore described.  
 Land, mts., rolling.  
 Soil, 3rd rate, sandy, gravelly, stony.  
 Cedar, pinon, sage brush, cacti, good grass.

N. 0° 3' W., bet. secs. 7 & 8.  
 Over rough, broken mts. land, along W. slope, through  
 dense cedar, pinon, and scrub oak.  
 40.00 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 7 in W., and  
 1/4 S 8 in E. half; from which,  
 A pinon tree 10 ins. diam. brs. N. 39° E. 10 lks. dist.,  
 marked 1/4 S 8 B T.  
 A pinon tree 10 ins. diam. brs. S. 29° W. 102 lks. dist.,  
 marked 1/4 S 7 B T.  
 62.00 Sandstone point, brs. W. & E.  
 70.00 Sandstone point, brs. W. & E., desc.  
 78.00 Gulch, 50 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. 5, 6, 7 & 8, marked on  
 brass cap, T 25 N R 7 W, in N. half,  
 S 6 in NW.,  
 S 5 in NE.,  
 S 8 in SE., and  
 S 7 in SW. quad.; from which,  
 A pinon tree 6 ins. diam. brs. N. 76° E. 54 lks. dist.,  
 marked T 25 N R 7 W S 5 B T.  
 A pinon tree 6 ins. diam. brs. S. 16° E. 90 lks. dist.,  
 marked T 25 N R 7 W S 8 B T.  
 A pinon tree 6 ins. diam. brs. S. 74° W. 152 lks. dist.,  
 marked T 25 N R 7 W S 7 B T.  
 A pinon tree 10 ins. diam. brs. N. 9° W. 32 lks. dist.,  
 marked T 25 N R 7 W S 6 B T.  
 Land, broken, mts.  
 Soil, 3rd rate, stony, dry.  
 Cedar, pinon, scrub oak, sparse grass.  
 At this cor., at noon, the sky is overcast, making it  
 impracticable to make an accurate observation for lat.

Reduction

## Chains

- May 20, 1912.  
The line bet. secs. 5 & 8 being extremely rough, for the purpose of obtaining the best results in measurement, I proceed as follows.  
From the cor. of secs. 5, 6, 7 & 8, I project a line N. 89°57' E., and place a flag on line on the top of a high almost inaccessible cliff to the East. I place a flag at the  $\frac{1}{4}$  sec. cor. on the line bet. secs. 7 & 8, and then proceed to the flag on top of the high bluff to the East.  
From this flag, the flag on the  $\frac{1}{4}$  sec. cor. bet. secs. 7 & 8 brs. S. 45° W.  
Dist. to my position is therefore 40.00xtan. 45° which is
- 40.00 To flag, top of high bluff, brs. NNW. & SSE.  
I continue my line N. 89°57' E., and at
- 80.04 Intersect N. & S. line 16 lks. N. of cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~, whence I run, N. 89°56' W., on a true line, bet. secs. 5 & 8.  
Over mts. land, desc. prec.
- 3.00 Canyon, 150 lks. wide; 100 ft. deep, course NNW., turns to NW., asc. steep.
- 8.00 Top of steep slope, continue to ascend.
- 24.00 Spur, brs. NNW. & SSE., desc.
- 37.50 Small canyon, 50 lks. wide, course N., breaks over bluff 10 chs. to N.
- 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 5 in N., and S 8 in S. half; from which,  
A pinon tree 6 ins. diam. brs. S. 30° W. 56 lks. dist., marked  $\frac{1}{4}$  S 8 B T.  
A pinon tree 6 ins. diam. brs. N. 62° W. 38 lks. dist., marked  $\frac{1}{4}$  S 5 B T.
- 40.50 Desc. abruptly 300 ft., rim, brs. NNW. & SSE.
- 55.00 Foot of main bluff, desc. steep, dense cedar and pinon.
- 68.00 Leave cedar and pinon, desc. grad. in valley.
- 80.04 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.  
Land, mts., rough, rolling.  
Soil, 3rd & 4th rate, stony, gravelly, dry.  
Cedar, pinon, scrub oak, fair grass.
- 
- N. 89°57' W., on a random line, bet. secs. 6 & 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.68 Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 1, 6, 7 & 12, as recently established by W.H. Elliott, and by him described, in Book 1, whence I run, S. 89°59' E., on a true line, bet. secs. 6 & 7.  
Over rolling land, asc. grad.
- 6.90 Road, brs. NNW. & S.
- 20.05 Road, brs. NNW. & SSE.
- 37.80 Main road, Pine Springs to Seligman, brs. NNW. & SSE.
- 39.68 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;  
dig pits 18x18x12 ins. E. & 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.
- 56.00 Enter dense cedar and pinon, brs. N. & S., asc.
- 79.68 To cor. of secs. 5, 6, 7 & 8, ~~hereinbefore described~~.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry.  
Cedar, pinon, scrub oak, good grass.

Chains.

Jan. 15, 1912.

On this date, the frac. N. bdy. line, on N. bdy. sec. 6 was run, and also the line bet. secs. 5 & 6, but upon the completion of the N. bdy. of the Tp., these lines were corrected, the line bet. secs. 5 & 6 as follows: -

May 21, 1912.

N. 0° 18' E., on a random line, bet. secs. 5 & 6.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect corrected N. bdy. of Tp. 5 lks. W. of whence I run cor. of secs. 5, 6, 31 & 32, recently established & described by me in Book 5; S. 0° 20' W., on a true line, bet. secs. 5 & 6.

Over rolling land.

39.98 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 6 in W., and S 5 in E. half;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.

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

Land, rolling.

Soil, 3rd rate, gravelly, dry, loose, stony.

Sage brush, cacti, greasewood, good grass.

General description.

T. 25 N., R. 7 W. is smooth and open in the SW. and extreme western part, but rough, broken and mts. in the Eastern part, which lies on a high broken mesa or plateau from 1000 to 1800 ft. above the valley in the SW.

The NE., SW., and extreme W. parts of the Tp. is good grazing land, well covered with a fine growth of native or gramma grass.

The higher portions of the Tp. are fairly well timbered with cedar and pinon, with some groves of pine trees in places, but there is little timber of any value.

The rock formation is limestone overcapping red sandstrata. No indications of mineral noted.

There are no settlers in the Tp.

May 21, 1912.

*Jose B. Wright*  
U. S. Surveyor.

*Subdivisions Group 15*  
*for* CERTIFICATE OF ASSISTANTS. *to*  
*JESSE B. WRIGHT, U.S. Surveyor*  
*See Book "T"*

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, \_\_\_\_\_, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying 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 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 executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	

Subscribed and certified to before me on the dates of the final service as shown above.



3067

Subdivisions Group 15

BOOK 2426 for FINAL OATH OF UNITED STATES SURVEYOR.

JESSE B. WRIGHT

See Book "T"

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
 this \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, April 21, 1913

The foregoing field notes of the survey of \_\_\_\_\_  
 the subdivisional lines of Township 25 North, Range 7 West

Gila & Salt River Base & Meridian

Arizona.

executed by Jesse B. Wright, U.S. Surveyor  
 under his special instructions, dated August 28, 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 J. Gall  
 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.