

BOOK 2434

INDEX DIAGRAM.

Township 23 N., Range 7 W.

6	6	5	11	4	16	3	21	2	28	1
6		11		16		21		27		27
7	5	8	11	9	15	10	21	11	27	12
5		10		15		20		26		26
18	5	17	10	16	15	15	20	14	26	13
4		9		14		19		25		25
19	4	20	9	21	14	22	19	23	24	24
3		8		13		18		23		24
30	3	29	8	28	13	27	18	26	23	25
1		7		12		17		22		22
31	1	32	7	33	12	34	17	35	22	36

—— Book 1
 —— Book 2

Chains.

The survey of this Tp. was begun Dec. 14, 1911., and executed with a Young & Sons light mountain transit No. 6492, with Smith's patent solar attachment on side. The horizontal limb of the instrument is provided with two double verniers, each reading to 1' of arc, which is also the least reading of the verniers of the lat. & decl. arcs.

Dec. 9, 1911.

Anticipating the beginning of the subdivision of this Tp., with this instrument, on this date,

At 4h p.m., in order to test the solar apparatus, by comparing the results of observations on the sun for meridians, made during p. m. & a.m. hours respectively, with a true meridian as determined by observation of Polaris, I proceed as follows.

Having tested the level, the standards and line of collimation of the instrument, and finding same correct; I set off $22^{\circ}44'$ S. on the decl. arc, and $35^{\circ}25'$ N. on the lat. arc, and determine a meridian with the solar, at my camp, near the NW. cor. of the Tp., Lat. $35^{\circ}25'15''$ N., long. $113^{\circ}03'35''$ W., and mark the meridian thus determined by a tack in a stake driven in the ground 5 chs. N. of my station.

Dec. 9, 1911.

Dec. 10, 1911.

At 2h 13m a.m., l.m.t., I observe Polaris at Western Elong. in accordance with instructions in the "Manual", and mark the line thus determined by a tack in a stake driven in the ground about 8 chs. N. of my station.

At 8h a.m., l.m.t., I set off the azimuth of Polaris, $1^{\circ}25'$ to the East, and mark the true meridian thus determined by a tack in the stake 5 chs. N. of my station, which point falls .35 ins. E. of the point in the meridian as determined by the solar on preceding evening.

At 8h 30m a.m., l.m.t., I set off $22^{\circ}48'$ S. on the decl. arc, and $35^{\circ}25'$ N. on the lat. arc, and determine a meridian with the solar, and mark the line thus determined by a tack in the stake 5 chs. N. of my station, which point falls .30 ins. E. of the point in the true meridian as determined by observation of Polaris.

The solar apparatus, by p.m. & a.m. observations, defines positions for meridians about $18''$ W., and $15''$ E., respectively, of the true meridians as determined by Polaris observation.

From these observations, and a series of observations made by the solar on this date, all of which gave satisfactory results, I conclude that the instrument is in satisfactory adjustment.

The magnetic bearing of the true meridian at 8h a.m. is $N. 16^{\circ} W.$. The angle thus determined gives the magnetic declination as $16^{\circ} E.$

Dec. 14, 1911.

I proceed to the cor. of secs. 5, 6, 31 & 32, on the S. bdy. of the Tp., recently established by me, and at this cor.

At 9h a.m., l.m.t., I set off $23^{\circ}09'$ S. on the decl. arc, and $35^{\circ}20'$ N. on the lat. arc, and determine a meridian with the solar;

Thence I run, as per instructions,

Chains.

N. 0° 1' E., bet. secs. 31 & 32.
 Over rolling land., asc. grad. Var. 16° E.
 36.00 Asc. S. slope, through cedar, 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 31 $\frac{1}{2}$ in W., and
 S 32 in E. half; from which,
 A cedar tree 6 ins. diam. brs. N. 78 $\frac{1}{4}$ ° E. 152 lks. dist.,
 marked $\frac{1}{4}$ S 32 B T.
 A cedar tree 8 ins. diam. brs. N. 18 $\frac{1}{2}$ ° W. 70 lks. dist.,
 marked $\frac{1}{4}$ S 31 B T.
 76.00 Top of ridge, brs. ESE. & WNW., desc. grad. dense cedar.
 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 23 N R 7 W, in N. half,
 S 30 in NW.,
 S 29 in NE.,
 S 32 in SE., and
 S 31 in SW. quadrants; from which,
 A cedar tree 5 ins. diam. brs. N. 75 $\frac{1}{4}$ ° E. 81 lks. dist.,
 marked T 23 N R 7 W S 29 B T.
 A cedar tree 6 ins. diam. brs. S. 65 $\frac{1}{4}$ ° E. 39 lks. dist.,
 marked T 23 N R 7 W S 32 B T.
 A cedar tree 5 ins. diam. brs. S. 18 $\frac{1}{4}$ ° W. 30 lks. dist.,
 marked T 23 N R 7 W S 31 B T.
 A cedar tree 4 ins. diam. brs. N. 31 $\frac{1}{4}$ ° W. 58 lks. dist.,
 marked T 23 N R 7 W S 30 B T.
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, dry.
 Cedar, some pinon. Fair grass.

West, on a random line, bet. secs. 30 & 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect West bdy. of Tp. 5 lks. S. of cor. of ^{in Book 1}
 secs. 25, 30, 31 & 36, ~~recently established~~ described by W.H. Elliott, ^{whence I}
 S. 89° 58' E., on a true line, bet. secs. 30 & 31. ^{run,}
 Over rolling land, desc from cor., through dense cedar.
 37.00 Foot of slope, brs. NNE. & SSW., draw 4 chs. wide, course
 NNE., 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 30 $\frac{1}{2}$ in N., and
 S 31 in S. half; from which,
 A cedar tree 12 ins. diam. brs. N. 6° W. 70 lks. dist.,
 marked $\frac{1}{4}$ S 30 B T.
 A cedar tree 8 ins. diam. brs. S. 88 $\frac{1}{2}$ ° E. 53 lks. dist.,
 marked $\frac{1}{4}$ S 31 B T.
 76.00 Top of ridge, brs. SSE. & NNW., desc. grad.
 80.04 To cor. of secs. 29, 30, 31 & 32. ~~has been before described~~
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, dry.
 Cedar, pinon, good native grass.
 At this cor., at noon, I set off 23° 10' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 21' N.

Chains	
	N. $0^{\circ} 1'$ E., bet. secs. 29 & 30.
	Over mts. land, along E. side of ridge, through cedar.
20.00	Asc.
36.00	Top of ridge, brs. NNE. & SSW., desc.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 20 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; from which,
	A cedar tree 8 ins. diam. brs. S. $25\frac{1}{2}^{\circ}$ E. 43 lks. dist., marked $\frac{1}{4}$ S 29 B T.
	A cedar tree 10 ins. diam. brs. N. $38\frac{1}{4}^{\circ}$ W. 39 lks. dist., marked $\frac{1}{4}$ S 30 B T.
50.00	Foot of slope, brs. NNE. & SSW.
62.00	Draw, 20 chs. wide, course NE.
74.00	Leave draw, asc. grad.
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 23 N R 7 W., in N. half,
	S 19 in NW.,
	S 20 in NE.,
	S 29 in SE., and
	S 30 in SW. quadrants; from which,
	A cedar tree 14 ins. diam. brs. N. $59\frac{1}{2}^{\circ}$ E. 346 lks. dist., marked T 23 N R 7 W S 20 B T.
	A cedar tree 12 ins. diam. brs. S. 52° E. 76 lks. dist., marked T 23 N R 7 W S 29 B T.
	A cedar tree 20 ins. diam. brs. S. $19\frac{1}{4}^{\circ}$ W. 105 lks. dist., marked T 23 N R 7 W S 30 B T.
	A cedar tree 20 ins. diam. brs. N. $2\frac{1}{4}^{\circ}$ W. 127 lks. dist., marked T 23 N R 7 W S 19 B T.
	Land, rolling, mts.
	Soil, 3rd rate, gravelly.
	Timber, cedar, some pinon.
	Undergrowth, scrub oak, and other brush. Fair grass.
	N. $89^{\circ} 58'$ W., on a random line, bet. secs. 19 & 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect West. bdy. $2\frac{1}{2}$ lks. S. of cor. of secs. 19, 24, 25 & 30, ^{in Book 1} recently estab. & described by W.H. Elliott, ^{whence I run,}
	S. $89^{\circ} 57'$ E., on a true line, bet. secs. 19 & 30.
	Over mts., broken land, asc. through dense cedar.
10.00	Ridge, brs. NNE. & SSW., desc.
30.00	Draw, 2 chs. wide, course NNE., asc.
39.99	Set an iron post 3 ft. long, 1 in. in diam. 20 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; from which,
	A cedar tree 6 ins. diam. brs. N. $63\frac{1}{2}^{\circ}$ E. 49 lks. dist., marked $\frac{1}{4}$ S 19 B T.
	A cedar tree 8 ins. diam. brs. S. 67° E. 47 lks. dist., marked $\frac{1}{4}$ S 30 B T.
41.00	Ridge, brs. NNE. & SSW., desc.
58.00	Draw, 6 chs. wide, course NNE., asc.
70.00	Ridge, brs. NNE. & SSW., desc.
79.98	To cor. of secs. 19, 20, 29 & 30. hereinbefore described
	Land, mts.
	Soil, 3rd rate, gravelly, dry.
	Cedar, pinon, scrub oak. Fair grass in draws.
	Dec. 14, 1911.

Chains.

Dec. 15, 1911. (hereinafter described)
 At 8h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30,
 I set off $23^{\circ}10\frac{1}{2}'$ S. on the decl. arc, and $35^{\circ}22'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}1'$ E., bet. secs. 19 & 20.
 Over rolling land, through dense cedar.
 13.00 Ridge, brs. NE. & SW.,
 36.00 Top of hill, 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 19 in W., and
 S 20 in E. half; from which,
 A cedar tree 4 ins. diam. brs. S. 56° E. 95 lks. dist.,
 marked $\frac{1}{4}$ S 20 B T.
 A cedar tree 10 ins. diam. brs. N. $50\frac{3}{4}^{\circ}$ W. 80 lks. dist.,
 marked $\frac{1}{4}$ S 19 B T.
 54.00 Draw, 5 chs. wide, course NW., asc.
 62.00 Low ridge, brs. SW. & NE., thence along W. slope.
 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 23 N R 7 W, in N. half,
 S 18 in NW.,
 S 17 in NW.,
 S 20 in SE., and
 S 19 in SW. quadrants; from which,
 A cedar tree 10 ins. diam. brs. N. $60\frac{1}{2}^{\circ}$ E. 82 lks. dist.,
 marked T 23 N R 7 W S 17 B T.
 A cedar tree 8 ins. diam. brs. S. $2\frac{1}{2}^{\circ}$ E. 65 lks. dist.,
 marked T 23 N R 7 W S 20 B T.
 A cedar tree 6 ins. diam. brs. S. 20° W. 138 lks. dist.,
 marked T 23 N R 7 W S 19 B T.
 A cedar tree 10 ins. diam. brs. N. 27° W. 256 lks. dist.,
 marked T 23 N R 7 W S 18 B T.
 Land, broken, mts., rolling.
 Soil, 3rd rate, gravelly.
 Cedar, pinon, scrub oak. Good native grass.

N. $89^{\circ}57'$ W., on a random line, bet. secs. 18 & 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect West bdy. of Tp. 5 lks. S. of cor. of ^{in Book 1}
 secs. 13, 18, 19 & 24, recently estab. & described by W.H. Elliott, whence I run,
 S. $89^{\circ}55'$ E., on a true line, bet. secs. 18 & 19.
 Over rough, broken land, desc., through scattering cedar.
 5.00 Head of Gulch, course NNE., asc.
 12.00 Ridge, brs. NNE. & SSW., desc.
 34.00 Gulch, 50 lks. wide, course NNE., 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 18 in N., and
 S 19 in S. half; from which,
 A cedar tree 14 ins. diam. brs. S. 39° E. 198 lks. dist.,
 marked $\frac{1}{4}$ S 19 B T.
 A cedar tree 12 ins. diam. brs. N. 74° W. 266 lks. dist.,
~~marked T 23 N R 7 W S 18 B T.~~
 72.00 Top of flat ridge, brs. NNE. & SSW., desc. grad.
 78.00 Draw, 4 chs. wide, course NNE., asc. grad.
 79.94 To cor. of secs. 17, 18, 19 & 20. ~~hereinafter described~~
 Land, mts., broken.
 Soil, 3rd rate, gravelly, dry.
 Cedar, some pinon, oak brush. Good native grass.

Chains.

- N. $0^{\circ} 1'$ E., bet. secs. 17 & 18.
 Over rolling land, desc. grad., through dense cedar.
- 5.00 Draw, 4 chs. wide, course NNE.
- 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 cedar tree 10 ins. diam. brs. N. $72\frac{1}{2}^{\circ}$ E. 143 lks. dist., marked $\frac{1}{4}$ S 17 B T.
 A cedar tree 10 ins. diam. brs. S. 15° W. 80 lks. dist., marked $\frac{1}{4}$ S 18 B T.
- 60.00 Top of ridge desc. gently 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. 7, 8, 17 & 18, marked on brass cap,
 T 23 N R 7 W, in N. half,
 S 7 in NW.,
 S 8 in NE.,
 S 17 in SE., and
 S 18 in SW. quadrants; from which,
 A cedar tree 15 ins. diam. brs. S. 22° E. 306 lks. dist., marked T 23 N R 7 W S 17 B T.
 A cedar tree 18 ins. diam. brs. S. 42° W. 249 lks. dist., marked T 23 N R 7 W S 18 B T.
- No other trees 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, gravelly.
 Cedar, few pinons, fair grass.
 At this cor., at noon, I set off $23^{\circ} 13\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is $35^{\circ} 23\frac{1}{2}'$ N.

- N. $89^{\circ} 55'$ W. on a true line, bet. secs. 7 & 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect West bdy. of Tp. 5 lks. S. of cor. of ^{in Book 1} secs. 7, 12, 13 & 18, recently estab. & described by W.H. Elliott, whence I run, S. $89^{\circ} 53'$ E., on a true line, bet. secs. 7 & 18.
 Over rolling land, through scattering cedar.
- 32.00 Desc. grad.
- 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 7 in N., and
 S 18 in S. half; from which,
 A cedar tree 20 ins. diam. brs. N. 9° E. 31 lks. dist., marked $\frac{1}{4}$ S 7 B T.
 A cedar tree 6 ins. diam. br. S. 4° E. 47 lks. dist., marked $\frac{1}{4}$ S 18 B T.
- 71.00 Foot of descent, enter draw, course N.
- 79.92 To cor. of secs. 7, 8, 17 & 18. ~~hereinbefore~~ described
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Sparse cedar. Fine native grass.

- N. $0^{\circ} 1'$ E., bet. secs. 7 & 8.
 Over gently undulating plain, drains to N.
- 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;
 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.
- 45.00 Asc. grad.,

Chains.

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 23 N R 7 W, in N. half,

S 6 in NW.,

S 5 in NE.,

S 8 in SE., and

S 7 in SW. quadrants; from which,

A cedar tree 12 ins. diam. brs. N. 86° E. 136 lks. dist., marked T 23 N R 7 W S 5 B T.

A cedar tree 8 ins. diam. brs. S. 58° E. 166 lks. dist., marked T 23 N R 7 W S 8 B T.

A cedar tree 16 ins. diam. brs. S. 86° W. 354 lks. dist., marked T 23 N R 7 W S 7 B T.

A cedar tree 10 ins. diam. brs. N. 41° W. 220 lks. dist., marked T 23 N R 7 W S 6 B T.

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

Sparse cedar. Good native grass.

N. 89° 53' W., on a random line, bet. secs. 6 & 7.

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

79.90 Intersect West bdy. of Tp. 4 $\frac{1}{2}$ lks. S. of cor. of ^{in Book 1,} secs. 1, 6, 7 & 12, recently estab^l & described by W.H. Elliott, whence I run, S. 89° 51' E., on a true line, bet. secs. 6 & 7.

Over level grassy flat, drains to N.

39.95 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.

45.00 Asc. grad., through scattering cedar.

64.00 Top of small knoll, brs. N. & S., desc. grad.

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

Land, rolling.

Soil, 3rd rate, gravelly, loose.

Sparse cedar, sage brush, cacti. Good native grass.

N. 0° 1' E., on a random line, bet. secs. 5 & 6.

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

80.27 Intersect N. bdy. of Tp. at cor. of secs. 5, 6, 31 & 32, ^{in Book 2,} recently estab^l & described by me, whence I run,

S. 0° 1' W., on a true line, bet. secs. 5 & 6.

Over gently rolling land, asc. slightly.

9.47 Telegraph line, brs. N. 56° 07' W. & S. 56° 07' E.

10.27 Atchison Topeka & Santa Fe Railroad, brs. N. 56° 07' W. & S. 56° 07' E.

11.30 Telegraph line, parallels R.R.

40.27 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;

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.

58.98 Old road, brs. WSW. & ENE.

69.00 Enter scattering cedar, brs. E. & W., asc.

76.00 Top of NE. point of knoll.

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

Land, rolling.

Soil, 3rd rate, gravelly, loose.

Sparse cedar, sage brush, Good native grass.

Dec. 15, 1911.

Subdivision of T. 23 N., R. 7 W.

Chains

Dec. 16, 1911.
 At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,
 on the S. bdy. of the Tp., recently estab. & described by me, in Book 2
 I set off 35° 20' N. on the Nat. arc, and 23° 13' S. on
 the decl. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' E., bet. secs. 32 & 33.
 Over rolling, broken land, through dense cedar.
 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 32 in W., and
 S 33 in E. half; from which,
 A cedar tree 20 ins. diam. brs. N. 6° E. 129 lks. dist.,
 marked 1/4 S 33 B T.
 A cedar tree 12 ins. diam. brs. S. 66° W. 59 lks. dist.,
 marked 1/4 S 32 B T.
 70.00 Top of rise, brs. E. & W.
 75.00 Desc. steep.
 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 23 N R 7 W, in N. half,
 S 29 in NW.,
 S 28 in NE.,
 S 33 in SE., and
 S 32 in SW. quadrants; from which,
 A pinon tree 10 ins. diam. brs. N. 21 1/4° E. 85 lks. dist.,
 marked T 23 N R 7 W S 28 B T.
 A cedar tree 4 ins. diam. brs. S. 22 1/4° E. 134 lks. dist.,
 marked T 23 N R 7 W S 33 B T.
 A cedar tree 15 ins. diam. brs. S. 21° W. 160 lks. dist.,
 marked T 23 N R 7 W S 32 B T.
 A cedar tree 4 ins. diam. brs. N. 54 3/4° W. 116 lks. dist.,
 marked T 23 N R 7 W S 29 B T.
 Land, rolling.
 Soil, 3rd rate, gravelly.
 Cedar, pinon, oak brush. Fair grass.

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

40.00 Set temp. 1/4 sec. ~~cor.~~ ^{hereinbefore described}
 79.94 Intersect N. & S. line at cor. of secs. 29, 30, 31 & 32,
 whence I run,
 East, on a true line, bet. secs. 29 & 32.
 Over mts. land, desc. grad., through dense cedar.
 35.00 Head of gulch, course N., asc.
 39.97 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
 S 32 in S. half; from which,
 A cedar tree 5 ins. diam. brs. North, 41 lks. dist.,
 marked 1/4 S 29 B T.
 A cedar tree 10 ins. diam. brs. S. 1° E. 30 lks. dist.,
 marked 1/4 S 32 B T.
 44.00 Spur, brs. N. & S., desc.
 51.00 Ravine, course SE., Hill 5 chs. to N.
 59.25 Ravine, course NE. asc.
 62.50 Ridge, or spur, brs. NE. & SW.
 67.00 Gulch, course NE., thence along N. slope.
 79.94 To cor. of secs. 28, 29, 32 & 33, hereinbefore described.
 Land, mts., broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Cedar, pinon, oak brush. Fair grass.
 At this cor., at noon, I set off 23° 16 1/2' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 21' N.

Chains.

N. 0° 1' E., bet. secs. 28 & 29.
 Over mts. land, desc. through dense cedar.
 2.50 Gulch, 80 lks. wide, course ESE., asc.
 8.00 Spur, ESE. & WNW., ends 5 chs. ESE., desc.
 15.00 Gulch, 150 lks. wide, course ESE., asc.
 20.00 Top of broken mesa, brs. E. & W., heavy cedar timber.
 40.00 Set an iron post 3 ft. long, 2 ins. 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; from which,
 A cedar tree 8 ins. diam. brs. N. 10° E. 83 lks. dist.,
 marked $\frac{1}{4}$ S 28 B T.
 A cedar tree 12 ins. diam. brs. N. 19 $\frac{1}{2}$ ° W. 70 lks. dist.,
 marked $\frac{1}{4}$ S 29 B T.
 Asc. grad. from cor.
 77.00 Top NE. rim of mesa, brs. NW. & SE., desc. steep NE. slope.
 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 23 N R 7 W, in N. half,
 S 20 in NW.,
 S 21 in NE.,
 S 28 in SE., and
 S 29 in SW. quadrants; from which,
 A cedar tree 24 ins. diam. brs. N. 53° E. 22 lks. dist.,
 marked T 23 N R 7 W S 21 B T.
 A cedar tree 10 ins. diam. brs. S. 50° E. 119 lks. dist.,
 marked T 23 N R 7 W S 28 B T.
 A cedar tree 12 ins. diam. brs. S. 19° W. 61 lks. dist.,
 marked T 23 N R 7 W S 29 B T.
 A cedar tree 12 ins. diam. brs. N. 54° W. 129 lks. dist.,
 marked T 23 N R 7 W S 20 B T.
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Cedar, pinon, scrub oak. Fair grass in places.

West on a random line, bet. secs. 20 & 29.
 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. 19, 20, 29 & 30, hereinbefore described~~, whence I run
 S. 89° 59' E., on a true line, bet. secs. 20 & 29.
 Over rolling broken land, through dense cedar.
 28.00 Draw, 5 chs. wide, course NNW., asc. 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 20 in N., and
 S 29 in S. half; from which,
 A cedar tree 24 ins. diam. brs. S. 14° W. 157 lks. dist.,
 marked $\frac{1}{4}$ S 29 B T.
 A cedar tree 20 ins. diam. brs. N. 47° W. 17 lks. dist.,
 marked $\frac{1}{4}$ S 20 B T.
 78.00 NE. rim of mesa, brs. NW. & SE., desc.
 80.02 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, gravelly, loose.
 Cedar, pinon, scrub oak. Good grass in places.
 Dec. 16, 1911.

Subdivision of T. 23 N., R. 7 W.

Chains. Dec. 17, 18, 19, & forenoon of 20, snowing, stormy.
 Dec. 20, 1911. hereinbefore described
 At 2h p.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,
 I set off 23° 24' S. on the decl. arc, and 35° 22' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' E., bet. secs. 20 & 21.
 Over mts. land, desc. along NE. slope, through dense
 cedar.
 9.50 Desc. steep N. slope.
 20.00 Foot of slope, 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 20 in W., and
 S 21 in E. half; from which,
 A cedar tree 24 ins. diam. brs. N. 35° E. 74 lks. dist.,
 marked 1/4 S 21 B T.
 A cedar tree 10 ins. diam. brs. N. 76° W. 64 lks. dist.,
 marked 1/4 S 20 B T.
 52.00 Draw, 2 chs. wide, course NE. asc.
 68.00 Top of ridge, brs. NNE. & SSW., 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 23 N R 7 W, in N. half,
 S 17 in NW.,
 S 16 in NE.,
 S 21 in SE., and
 S 20 in SW. quadrants; from which,
 A cedar tree 20 ins. diam. brs. N. 60 1/4° E. 155 lks. dist.,
 marked T 23 N R 7 W S 16 B T.
 A cedar tree 20 ins. diam. brs. S. 82 1/2° E. 67 lks. dist.,
 marked T 23 N R 7 W S 21 B T.
 A cedar tree 10 ins. diam. brs. S. 32 1/4° W. 49 lks. dist.,
 marked T 23 N R 7 W S 20 B T.
 A cedar tree 10 ins. diam. brs. N. 38° W. 98 lks. dist.,
 marked T 23 N R 7 W S 17 B T.
 Land, mts., rolling.
 Soil, 3rd rate, gravelly, stony.
 Cedar, some pinon, scrub oak, Fair grass.

N. 89° 59' W., on a random line, bet. secs. 17 & 20.
 40.00 Set temp. 1/4 sec. cor. hereinbefore described
 79.96 Intersect N. & S. line at cor. of secs. 17, 18, 19 & 20,
 whence I run,
 S. 89° 59' E., on a true line, bet. secs. 17 & 20.
 Over mts., broken land, asc. through dense cedar.
 4.00 Spur, brs. N. & S., desc.
 7.00 Head of draw, course NNW., asc.
 15.00 Spur, brs. N. & S., desc.
 18.00 Draw, 150 lks. wide, course N., asc. grad.
 31.00 Draw, 2 chs. wide, course NW., asc. steep.
 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 17 in N., and
 S 20 in S. half; from which,
 A cedar tree 12 ins. diam. brs. N. 20° E. 70 lks. dist.,
 marked 1/4 S 17 B T.
 A cedar tree 10 ins. diam. brs. S. 55° E. 42 lks. dist.,
 marked 1/4 S 20 B T.
 45.00 Spur, brs. NNW. & SSE., desc.
 68.00 Draw 4 chs. wide, course N., asc. grad.
 79.96 To cor. of secs. 16, 17, 20 & 21, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, gravelly, dry.
 Cedar, few pinons, oak brush. Good native grass.
 Dec. 20, 1911.

Chains. Dec. 21, 1911. (hereinbefore described)
 At 8h a.m., l.m.t., at the cor. of secs. 16, 17, 20 & 21,
 I set off 23° 22½' S. on the decl. arc, and 35° 22½' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' E., bet. secs. 16 & 17.
 Over gently rolling land, desc. grad., through cedar.
 30.00 Draw, 4 chs. wide, course NE., asc. grad.
 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 17 in W., and
 S 16 in E. half; from which,
 A cedar tree 30 ins. diam. brs. N. 54° E. 110 lks. dist.,
 marked ¼ S 16 B T.
 A cedar tree 5 ins. diam. brs. N. 57° W. 39 lks. dist.,
 marked ¼ S 17 B T.
 44.00 Top of low spur, brs. NE. & SW., desc.
 58.00 Draw, 2 chs. wide, course NE., asc. grad.
 64.00 Top of flat ridge, brs. NNE. & SSW., thence 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 23 N R 7 W, in N. half,
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quadrants; from which,
 A cedar tree 6 ins. diam. brs. N. 12° E. 44 lks. dist.,
 marked T 23 N R 7 W S 9 B T.
 A cedar tree 6 ins. diam. brs. S. 33° E. 117 lks. dist.,
 marked T 23 N R 7 W S 16 B T.
 A cedar tree 7 ins. diam. brs. S. 33° W. 142 lks. dist.,
 marked T 23 N R 7 W S 17 B T.
 A cedar tree 9 ins. diam. brs. N. 85½° W. 100 lks. dist.,
 marked T 23 N R 7 W S 8 B T.
 Land, rolling.
 Soil, 3rd rate, gravelly.
 Cedar, few pinons. Good native grass.

N. 89° 59' W., on a random line, bet. secs. 8 & 17.
 40.00 Set temp. ¼ sec. cor.
 80.04 Intersect N. & S. line 7 lks. N. of cor. of
 secs. 7, 8, 17 & 18, ~~hereinbefore described~~, whence I run,
 N. 89° 58' E., on a true line, bet. secs. 8 & 17.
 Over rolling land, through cedar., asc. grad.
 25.00 Top of ridge, brs. NNE. & SSW., desc.
 40.02 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 8 in N., and
 S 17 in S. half; from which,
 A cedar tree 30 ins. diam. brs. N. 54° E. 110 lks. dist.,
 marked ¼ S 8 B T.
 A cedar tree 5 ins. diam. brs. S. 1° E. 31 lks. dist.,
 marked ¼ S 17 B T.
 48.00 Draw, 6 chs. wide, course NE., asc. grad.
 69.00 Top of flat spur, brs. NNE. & SSW., desc.
 72.00 Head of draw, course NNW., asc.
 78.00 Top of flat ridge, brs. N. & S.
 80.04 To cor. of secs. 8, 9, 16 & 17, hereinbefore described.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Cedar, few pinons. Good native grass in draws.
 At this cor. at noon, I set off 23° 25' S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is 35° 23½' N.

Chains.	
	N. 0' 1' E., bet. secs. 8 & 9. Over rolling land, desc. through scattering cedar, on flat ridge.
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, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, A cedar tree 6 ins. diam. brs. S84 $\frac{1}{2}$ ° W. 95 lks. dist., marked $\frac{1}{4}$ S 8 B T. No other trees available. At this cor., at noon, I set off 23° 25 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 24' N. Desc. from cor.
46.00	Foot of N. point of ridge, enter valley, desc. grad.
71.50	Drainage ditch of R.R., brs. NE., 4 ft. deep, 10 ft. wide.
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 23 N R 7 W, in N. half, S 5 in NW., S 4 in NE., S 9 in SE., and S 8 in SW. quadrants; 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, loose. Few cedars, sage brush, cacti. Good native grass.
40.00	S. 89° 58' W., on a random line, bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 2 $\frac{1}{4}$ lks. S. of cor. of secs. 5, 6, 7 & 8, whence I run whence I run N. 89° 59' E., on a true line, bet. secs. 5 & 8. Over rolling land, through scattering cedar.
20.00	Desc. grad.
26.00	Foot, wash, 20 lks. wide, course NW., leave cedar.
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 5 in N., and S 8 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.
80.02	To cor. of secs. 4, 5, 8 & 9. hereinbefore described Land, rolling. Soil, 3rd rate, sandy, gravelly. Sparse cedar, sage brush. Fine grass.
40.00	N. 0' 1' E., on a random line, bet. secs. 4 & 5. Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect N. bdy. of Tp. 23 N. 7 lks. E. of cor. of secs. 4, 5, 32 & 33, whence I run whence I run, S. 0° 2' E., on a true line, bet. secs. 4 & 5. Over gently rolling land.
40.20	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, whence I run $\frac{1}{4}$ S 5 in W., and S 4 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.
61.63	Road, Seligman to Kingman, brs. NW. & SE.
63.12	Telegraph line, brs. NW. & SE.
63.51	A. T. & S.F.R.R., brs. N. 56° 7' W. & S. 56° 7' E. Aubrey Sta. brs. S.E. 8 chs. dist. on N. side of R.R.
64.94	Telegraph line, parallel to R.R.
68.00	Old road, brs. WNW. & ESE.
80.20	To cor. of secs. 4, 5, 8 & 9. hereinbefore described Land, rolling. Soil, 3rd rate, sandy. Good grass. Dec. 21, 1911.

Chains.

Dec. 22, 1911.

At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34, ^{Book 2} on the S. bdy. of the Tp., recently established & described by me in I set off 23° 23' S. on the decl. arc, and 35° 20' N. on the lat. arc, and determine a meridian with the solar. Thence I run,

N. 0° 2' E., bet. secs. 33 & 34.

Over rolling land, in grassy draw, asc. grad.

20.00 Leave draw, asc. grad., through cedar, brs. E. & W.

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 33 in W., and S 34 in E. half; from which,

A cedar tree 10 ins. diam. brs. N. 56 1/2° E. 86 lks. dist., marked 1/4 S 34 B.T.

A cedar tree 10 ins. diam. brs. S. 45° W. 49 lks. dist., marked 1/4 S 33 B T.

53.00 Top of divide, brs. E. & W., low point to E., desc. NE. slope.

77.50 Head of draw, course NNE.

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 23 N R 7 W, in N. half,
S 28 in NW.,
S 27 in NE.,
S 34 in SE., and

S 33 in SW. quadrants; from which,

A cedar tree 10 ins. diam. brs. N. 79° E. 36 lks. dist., marked T 23 N R 7 W S 27 B T.

A cedar tree 12 ins. diam. brs. S. 51° E. 44 lks. dist., marked T 23 N R 7 W S 34 B T.

A cedar tree 20 ins. diam. brs. S. 62° W. 272 lks. dist., marked T 23 N R 7 W S 33 B T.

A cedar tree 8 ins. diam. brs. N. 40° W. 118 lks. dist., marked T 23 N R 7 W S 28 B T.

Land, rolling.

Soil, 3rd rate, gravelly, dry.

Cedar, few pinons, oak brush. Good grass.

West, on a random line, bet. secs. 28 & 33.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. & S. line 5 lks. N. of cor. of secs. 28, 29, 32 & 33, ~~substantially~~ whence I run N. 89° 58' E., on a true line, bet. secs. 28 & 33.

Over mts. land, desc. along N. slope of hill.

19.00 Canyon 75 lks. wide, course N., asc.

35.00 Spur, brs. N. & S., desc.

40.01 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 28 in N., and S 33 in S. half; from which,

A cedar tree 8 ins. diam. brs. N. 29 1/4° W. 128 lks. dist., marked 1/4 S 28 B T.

A cedar tree 8 ins. diam. brs. S. 21 1/4° W. 168 lks. dist., marked 1/4 S 33 B T.

50.00 Gulch, 50 ft. deep, 150 lks. wide, course N., asc.

56.00 Spur, brs. NNW. & SSE., desc. grad.

80.02 To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore~~ described.

Land, rolling, mts.

Soil, 3rd rate, gravelly, dry.

Cedar, pinon, oak brush. fine grass in places.

At this cor., at noon, I set off 23° 25' S. on the decl. arc and observe the sun on the meridian.

The resulting lat. is 35° 21' N.

Chains.

N. 0° 2' E., bet. secs. 27 & 28.
 Over heavily rolling land, along broken E. slope,
 through dense cedar.

30.00 Desc.
 36.00 Grassy draw 4 chs. wide, course NNW., 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 28 in W., and
 S 27 in E. half; from which,
 A pinon tree 10 ins. diam. brs. S. 57 $\frac{1}{2}$ ° E. 92 lks. dist.,
 marked $\frac{1}{4}$ S 27 B T.
 A cedar tree 10 ins. diam. brs. N. 17° W. 129 lks. dist.,
 marked $\frac{1}{4}$ S 28 B T.

44.00 Limestone point, brs. NW. & SE., desc.
 47.00 Gulch, 40 lks. wide, course NW., near head, asc. prec.
 60.00 Limestone spur, brs. NW. & SE., desc.
 65.00 Gulch, 30 lks. wide, course WNW., asc.
 76.00 Spur, 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. 21, 22, 27 & 28, marked on
 brass cap,
 T 23 N R 7 W, in N. half,
 S 21 in NW.,
 S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quadrants; from which,
 A cedar tree 4 ins. diam. brs. N. 15 $\frac{1}{2}$ ° E. 95 lks. dist.,
 marked T 23 N R 7 W S 22 B T.
 A cedar tree 10 ins. diam. brs. S. 22° E. 204 lks. dist.,
 marked T 23 N R 7 W S 27 B T.
 A cedar tree 12 ins. diam. brs. S. 77 $\frac{1}{2}$ ° W. 210 lks. dist.,
 marked T 23 N R 7 W S 28 B T.
~~bedrock~~ ~~marked~~ cedar tree 6 ins. diam. brs. N. 7° W. 117 lks. dist.,
 marked T 23 N R 7 W S 21 B T.

Land, rolling, mts.
 Soil, 3rd rate, gravelly, stony.
 Cedar, pinon, oak brush, fair grass.

S. 89° 58' W. ~~bedrock~~ ~~on a~~ ~~random~~ line, bet. secs. 21 & 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 2 $\frac{1}{2}$ lks. N. of cor. of
 secs. 20, 21, 28 & 29, ~~whence I run~~ ~~whence I run~~ ~~whence I run~~
 N. 89° 57' E., on a true line, bet. secs. 21 & 28.
 Over mts. broken land, desc. through dense cedar.

9.00 Foot, head of draw, course N., asc. grad.
 14.00 Asc. steep.
 20.00 Top of flat spur, brs. NNE. & SSW.
 22.00 Desc.
 34.00 Draw, 2 chs. wide, course NNE., near head, asc.
 40.00 Top of spur, brs. N. & S., near N. point.
 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,
~~bedrock~~ ~~marked~~ $\frac{1}{4}$ S 21 in N., and
 S 28 in S. half; from which,
 A cedar tree 10 ins. diam. brs. S. 18° W. 17 lks. dist.,
 marked $\frac{1}{4}$ S 28 B T.
 A cedar tree 10 ins. diam. brs. N. 17° W. 22 lks. dist.,
 marked $\frac{1}{4}$ S 21 B T.

Desc. from cor.
 52.00 Draw, 6 chs. wide, course NNW., asc. grad.
 80.00 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore~~ ~~described~~.
 Land, rolling, mts., broken.
 Soil, 3rd rate, gravelly, dry.
 Cedar, pinon, sparse brush. Fair grass.

Chains.

- N. 0° 2' E., bet. secs. 21 & 22.
 Over heavily rolling land, along W. slope, through dense cedar. desc.
- 20.00 Head of wash, course WNW., asc.
- 38.50 Spur, brs. WNW. & ESE., 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 21 in W., and S 22 in E. half; from which,
 A cedar tree 10 ins. diam. brs. S. 25° E. 87 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 A cedar tree 10 ins. diam. brs. West, 177 lks. dist., marked $\frac{1}{4}$ S 21 B T.
- 50.00 Spur, brs. NW. & SE., desc.
- 80.00 Foot of slope, brs. NE. & SW., edge of cedar.
 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 23 N R 7 W, in N. half,
 S 16 in NW.,
 S 15 in NE.,
 S 22 in SE., and
 S 21 in SW. quadrants; from which,
 A cedar tree 12 ins. diam. brs. N. 86 $\frac{1}{4}$ ° E. 231 lks. dist., marked T 23 N R 7 W S 15 B T.
 A cedar tree 10 ins. diam. brs. S. 23 $\frac{1}{2}$ ° E. 188 lks. dist., marked T 23 N R 7 W S 22 B T.
 No other 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, broken, mts. Soil, 3rd rate, gravelly.
 Cedar, Pinon, Fairgrass, Dec. 22, 1911.
 Dec. 23, 1911.
 At 8h a.m., 1.m.t., at the cor. of secs. 15, 16, 21 & 22, I set off 23° 23' S. on the decl. arc, and 35° 22' N. on the lat. arc, and determine a meridian with the solar. Thence I run, S. 39° 57' W. on a random line, bet. secs. 16 & 21.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of secs. 16, 17, 20 & 21, ~~herebefore described~~, whence I run N. 89° 58' E, on a true line, bet. secs. 16 & 21.
 Over hilly land, asc., through dense cedar.
- 4.00 Top of rise, ~~brs. N. & S.~~
- 30.00 Desc.
- 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 16 in N., and S 21 in S. half; from which,
 A cedar tree 10 ins. diam. brs. S. 44° W. 42 lks. dist., marked $\frac{1}{4}$ S 21 B T.
 A cedar tree 10 ins. diam. brs. N. 40° W. 35 lks. dist., marked $\frac{1}{4}$ S 16 B T.
- 55.00 Foot, brs. N. & S., enter grassy draw.
- 80.04 To cor. of secs. 15, 16, 21 & 22, ~~herebefore described~~.
 Land, rolling,
 Soil, 3rd rate, gravelly, dry.
 Sparse cedar, Good grass.

~~herebefore described~~

Subdivision of T. 23 N., R. 7 W.

Chains.

N. 0° 2' E., bet. secs. 15 & 16.
 Over gently undulating valley, 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 16 in W., and S 15 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. 9, 10, 15 & 16, marked on brass cap,
 T 23 N R 7 W, in N. half,
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE., and
 S 16 in SW. quadrants;
 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, gravelly, sandy, loose, dry.
 Sage brush, few cacti. Fine native grass.

S. 89° 58' W., on a random line, bet. secs. 9 & 16.

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

79.92 Intersect N. & S. line 5 lks. S. of cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~, whence I run East, on a true line, bet. secs. 9 & 16.
 Over rolling land, desc. grad. through cedar.

9.50 Draw, 2 chs. wide, course N. asc. grad.

13.50 Flat spur, brs. NNE. & SSW., near NE. end. desc. grad.

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 9 in N., and
 S 16 in S. half; from which,
 A cedar tree 5 ins. diam. brs. N. 63 $\frac{1}{2}$ ° W. 200 lks. dist., marked $\frac{1}{4}$ S 9 B T.
 A cedar tree 6 ins. diam. brs. S. 27° W. 285 lks. dist., ~~marked S 16 B T.~~

Leave cedar, enter valley, brs. NNW. & SSE.

79.92 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly.
 Cedar, sparse brush, fine grass.
 At this cor. at noon. I set off 23° 25 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 23 $\frac{1}{2}$ ' N.

N. 0° 2' E., bet. secs. 9 & 10.
 Over rolling land, desc. grad. open grassy valley.

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; 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.

41.66 Telegraph line, brs. NW. & SE.

42.45 A. T. & S.F.R.R., brs. N. 56° 7' W., & S. 56° 7' E.

43.27 Telegraph line, brs. NW & SE., parallel to R.R.

43.82 Road, Seligman to Kingman, parallel to R.R.

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 23 N R 7 W, in N. half,
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quadrants;
 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, gravelly. Good grass.

700

Chains.	
	West, on a random line, bet. secs. 4 & 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line 5 lks. S. of cor. of secs. 4, 5, 8 & 9, wherebefore described whence I run S. $89^{\circ}58'$ E., on a true line, bet. secs. 4 & 9. Over gently undulating valley, open & grassy.
23.12	Telegraph line, brs. NW. & SE.
23.93	Side track, A.T. & S.F.R.R., brs. N. $56^{\circ}07'$ W. & S. $56^{\circ}07'$ E.
24.33	Main track, A.T. & S.F.R.R., brs. N. $56^{\circ}07'$ W. & S. $56^{\circ}07'$ E.
25.53	Telegraph line, parallel to R.R.
26.00	Road, Seligman to Kingman, parallel to R.R.
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 4 in N., and S 9 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.
79.94	To cor. of secs. 3, 4, 9 & 10 herebefore described Land, rolling gently. Soil, 2nd & 3rd rate, sandy, gravelly, loose, dry. Sage brush, cacti. Good native grass.
<hr/>	
	N. $0^{\circ}2'$ E., on a random line, bet. secs. 3 & 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.24	Intersect North by at the point lks. W. of cor. of secs. 3, 4, 33 & 34, recently estab. & described by me ^{in Book 2} whence I run, S. $0^{\circ}6'$ W., on a true line, bet. secs. 3 & 4. Over gently rolling valley, fine grass.
40.24	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; 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.
68.00	Small reservoir, extends to SE., about 10 chs. 4 chs. wide.
64.00	Small earth dam, brs. NW. & SE., 5 chs. long., 4 ft. high.
80.24	To cor. of secs. 3, 4, 9 & 10 herebefore described Land, rolling, gently undulating. Soil 2nd rate ^{3rd rate} sandy, gravelly, some clay in places. Sparse sage brush, cacti, fine native grass. Dec. 23, 1911.

Subdivision of T. 23 N., R. 7 W.

Chains

Dec. 24, 1911.
 At 9h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, ^{Book 2}
 on the South bdy. of the Tp., recently estab. & described by me, in
 I set off 23°24' S. on the decl. arc, and 35°20' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 3' E., bet. secs. 34 & 35.
 Ovet mts. land, asc. through dense cedar.
 28.00 Top of rise, brs. NE, & SW.
 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; from which,
 A cedar tree 10 ins. diam. brs. S. 84° W. 193 lks. dist.,
 marked 1/4 S 34 B T.
 A cedar tree 10 ins. diam. brs. N. 79° E. 30 lks. dist.,
 marked 1/4 S 35 B T.
 Desc. grad. from cor.
 60.00 Desc. prec. N. slope. leave cedar.
 72.60 Box canyon, 150 ft. deep, course E. asc. prec.
 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 23 N R 7 W, in N. half,
 S 27 in NW.,
 S 28 in NE.,
 S 35 in SE., and
 S 34 in SW. quadrants;
 raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, mts., rough.
 Soil, 3rd rate, gravelly, stony.
 Cedar, pinon, oak brush. Fair grass.

West, on a random line, bet. secs. 27 & 34.
 40.00 Set temp. 1/4 sec. cor.
 79.98 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 27, 28, 33 & 34, ~~whence before described~~ whence I run
 S. 89° 58' E. ~~on a random line~~, bet. secs. 27 & 34.
 Over broken mts. land, desc., through cedar.
 4.00 Gulch, 50 lks. wide, course NE., asc. grad.
 35.00 Top of rise, brs. N. & S.
 39.99 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 27 in N., and
 S 34 in S. half; from which,
 A cedar tree 14 ins. diam. brs. S. 77° W. 84 lks. dist.,
 marked 1/4 S 34 B T.
 A cedar tree 10 ins. diam. brs. N. 23 1/4° E. 136 lks. dist.,
 marked 1/4 S 27 B T.
 Desc. from cor.
 43.00 Ravine, 50 ft. deep, course NW.
 58.00 Ravine, 80 ft. deep, course N. asc.
 65.00 Ridge, brs. N. & S., desc.
 70.00 Desc. prec. E. slope. Leave cedar.
 79.98 To cor. of secs. 26, 27, 34 & 35. ~~hereinbefore~~ described
 Land, rough, broken, mts.
 Soil, 3rd rate, gravelly, stony.
 Cedar, pinon, oak brush, Fair grass.
 At this cor., at noon, I set off 23° 25' S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is 35° 21' N.

Chains

- N. $0^{\circ} 3'$ E., bet. secs. 26 & 27.
Over mts. land, asc. through scattering cedar.
- 14.00 Top of flat ridge, brs. E. & W.
- 25.00 Desc. N. 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 27 $\frac{1}{4}$ in W., and
S 26 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
No trees in limits.
- 41.00 Gulch, 50 lks. wide, course E. asc.
- 53.00 Spur, brs. WSW. & ENE., desc.
- 57.00 Ravine, 100 ft. deep, course WSW., asc.
- 69.00 Spur, brs. WSW. & ENE., 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 23 N R 7 W, in N. half,
S 22 in NW.,
S 23 in NE.,
S 26 in SE., and
S 27 in SW. quadrants; from which,
A cedar tree 12 ins. diam. brs. N. $73\frac{1}{2}^{\circ}$ E. 300 lks. dist.,
marked T 23 N R 7 W S 23 B T.
A cedar tree 10 ins. diam. brs. S. 58° E. 147 lks. dist.,
marked T 23 N R 7 W S 26 B T.
A cedar tree 12 ins. diam. brs. S. $88\frac{1}{2}^{\circ}$ W. 182 lks. dist.,
marked T 23 N R 7 W S 27 B T.
A cedar tree 6 ins. diam. brs. N. 87° W. 182 lks. dist.,
marked T 23 N R 7 W S 22 B T.
- Land, broken, mts.
Soil, 3rd rate, gravelly, stony, dry.
Cedar, few pinons, oak brush. Fair grass.

- N. $89^{\circ} 58'$ W., on a random line, bet. secs. 22 & 27.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. & S. line 5 lks. N. of cor. of
secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run
East, on a true line, bet. secs. 22 & 27.
Over mts. land, asc. through dense cedar.
- 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 22 $\frac{1}{4}$ in N., and
S 27 in S. half; from which,
A cedar tree 10 ins. diam. brs. S. $29\frac{1}{4}^{\circ}$ E. 52 lks. dist.,
marked $\frac{1}{4}$ S 27 B T.
A cedar tree 12 ins. diam. brs. N. $49\frac{1}{2}^{\circ}$ W. 42 lks. dist.,
marked $\frac{1}{4}$ S 22 B T.
- 46.00 Top of rise, brs. N. & S., desc.
- 60.00 Foot, and asc. grad.
- 79.94 To cor. of secs. 22, 23, 26 & 27. ~~hereinbefore described~~
Land, rolling, mts.
Soil, 3rd rate, gravelly, stony.
Cedar, some pinon, oak brush. Good native grass.
~~bedrock exposed~~

Chains.

N. 0° 3' E., bet. secs. 22 & 23.
 Over broken, mts. land, desc.
 25.80 Ravine, 100 ft. deep, 30 lks. wide, wash at bottom,
 course NNW., thence in meanderings of same.
 38.50 Same ravine, course NNE.
 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; from which,
 A cedar tree 10 ins. diam. brs. S. 52° E. 141 lks. dist.,
 marked $\frac{1}{4}$ S 23 B T.
 A cedar tree 10 ins. diam. brs. N. 91° W. 187 lks. dist.,
 marked $\frac{1}{4}$ S 22 B T.
 44.00 Same ravine as above, course NNW.
 51.50 Leave ravine, course NNE., asc. grad.
 77.00 Top of rise,
 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 23 N R 7 W, in N. half,
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quadrants; from which,
 A cedar tree 10 ins. diam. brs. N. 70° E. 25 lks. dist.,
 marked T 23 N R 7 W, S 14 B T.
 A cedar tree 14 ins. diam. brs. S. 46° E. 207 lks. dist.,
 marked T 23 N R 7 W S 23 B T.
 A cedar tree 8 ins. diam. brs. S. 55 $\frac{1}{2}$ ° W. 244 lks. dist.,
 marked T 23 N R 7 W S 22 B T.
 A cedar tree 8 ins. diam. brs. N. 21 $\frac{1}{2}$ ° W. 134 lks. dist.,
 marked T 23 N R 7 W S 15 B T.
 Land, broken, heavily rolling.
 Soil, 3rd rate, gravelly, stony.
 Cedar, few pines, oak brush. Fair grass.
 Dec. 24, 1911.

Dec. 26, 1911. (hereinbefore described)
 At 8h a.m., 1.m.t., at the cor. of secs. 14, 15, 22 & 23,
 I set off 23° 19 $\frac{1}{2}$ ' S. on the decl. arc, and 35° 22 $\frac{1}{2}$ ' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 West, on a random line, bet. secs. 15 & 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 15, 16, 21 & 22, ~~hereinbefore described~~, whence I run
 S. 89° 58' E., on a true line, bet. secs. 15 & 22.
~~Over rolling land.~~
 20.00 Asc. through cedar.
 33.00 Top of ridge, brs. N. & S., desc.
 39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 15 in N., and
 S 22 in S. half; from which,
 A cedar tree 6 ins. diam. brs. N. 2 $\frac{1}{2}$ ° W. 198 lks. dist.,
 marked $\frac{1}{4}$ S 15 B T.
 A cedar tree 5 ins. diam. brs. S. 74 $\frac{1}{2}$ ° W. 92 lks. dist.,
 marked $\frac{1}{4}$ S 22 B T.
 45.57 Draw, 4 chs. wide, course N., asc. grad.
 52.00 Ridge, brs. N. & S., desc.
 58.50 Draw, 2 chs. wide, course NNW., near head, asc.
 70.00 Spur, brs. N. & S., desc.
 79.90 To cor. of secs. 14, 15, 22 & 23, hereinbefore described.
 Land, rolling, broken, mts.
 Soil, 3rd rate, gravelly, dry.
 Scattering cedar, sparse brush. Fair grass.

Chains.

N. 0° 3' E., bet. secs. 14 & 15.
Desc. grad. along E. slope of ~~spire~~, through scattering cedar.

20.00 Leave cedar, brs. NW. & SE., enter valley.

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 15 in W., and S 14 in E. half;

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.

67.90 Wire fence, brs. NW. & SE.

68.50 Telegraph line, brs. NW. & SE.

69.30 A.T. & S.F.R.R., brs. S. 56° 06' E. & N. 56° 06' W.

70.12 Telegraph line, brs. NW & SE., parallel to R.R.

70.70 Wire fence, parallel to R.R.

72.50 Road, parallels R.R., Seligman to Kingman.

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 23 N R 7 W, in N. half,
S 10 in NW.,
S 11 in NE.,
S 14 in SE., and
S 15 in SW. quadrants;

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

Land, rolling.

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

Sparse cedar, sage brush, cacti. Good native grass.

N. 89° 58' W., on a random line, bet. secs. 10 & 15.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N. & S. line 2 1/2 lks. N. of cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~, whence I run S. 89° 59' E., on a true line, bet. secs. 10 & 15.

Over gently rolling, grassy valley.

39.96 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,

~~backtrack~~ 1/4 S 10 in N., and S 15 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.

62.25 Telegraph line, brs. NW. & SE.,

63.50 A.T. & S.F.R.R., brs. N. 56° 06' W. & S. 56° 06' E.

64.65 Telegraph line, parallels R.R.

65.40 NW. end of wire fence, brs. S. 56° 06' E.

66.25 Road, Seligman to Kingman, parallels R.R.

79.92 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~.

Land, gently rolling.

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

Sage brush, cacti, Good grass.

At this cor., at noon, I set off 23° 22' S. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is 35° 23 1/2' N.

Chains.

N. 0° 3' E., bet. secs. 10 & 11.
 Over gently undulating valley, good grass. drains NNE.
 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 $\frac{1}{2}$ in W., and
 S 11 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. 2, 3, 10 & 11, marked on
 brass cap,
 T 23 N R 7 W, in N. half,
 S 3 in NW.,
 S 2 in NE.,
 S 11 in SE., and
 S 10 in SW. quadrants;
 dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and
 raise a mound of earth $4\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high W. of cor.
 Land, rolling, level.
 Soil, 3rd rate, gravelly, loose, sandy.
 Sparse sage brush, cacti, Fair grass.

N. 89° 59' W., on a random line, bet. secs. 3 & 10
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of
 secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run
 S. 89° 58' E., on a true line, bet. secs. 3 & 10.
 Over gently undulating valley.
 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 $\frac{1}{2}$ in N., and
~~to cor. of secs. 2, 3, 10 & 11~~
 S 10 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.
 79.94 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 Land, rolling gently.
 Soil, 3rd rate, sandy, gravelly, loose, dry.
 Sage brush, cacti, Good native grass.

N. 0° 6' E., on a random line, bet. secs. 2 & 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.30 Intersect North bay of Tp. 9 lks. W. of cor. of
 secs. 2, 3, 34 & 35, ~~recently estab. & described by me~~ ^{in Book 2} whence I run,
 S. 0° 10' W., on a true line, bet. secs. 2 & 3.
 Over gently undulating, grassy valley, drains NNE.
 40.30 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 $\frac{1}{2}$ in W., and
 S 2 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.
 80.30 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 Land, rolling gently.
 Soil, 2nd rate, sandy, gravelly, loose, dry.
 Sage brush, cacti. Fine bunch grass.

Dec. 26, 1911.

Chains

Dec. 27, 1911.

At 8h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36,
On the S. bdy. of the Tp., recently estab. & described by me in Book 2

I set off 23° 17½' S. on the decl. arc, and 35° 20' N. on
the lat. arc, and determine a meridian with the solar.

Thence I run,
N. 0° 3' E., bet. secs. 35 & 36.

Over gently rolling valley.

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 35 ½ in W., and
S 36 in E. half;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
raise a mound of earth 3½ ft. base, 1½ 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. 25, 26, 35 & 36, marked on
brass cap,

T 23 N R 7 W, in N. half,
S 26 in NW.,
S 25 in NE.,
S 36 in SE., and
S 35 in SW. quadrants;

dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level, gently undulating.

Soil, 3rd rate, sandy, gravelly.

No timber or undergrowth. Good native gramma grass.

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

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. & S. line 5 lks. S. of cor. of
secs. 26, 27, 34 & 35, ~~hereinbefore described~~, whence I run
S. 89° 58' E., on a true line, bet. secs. 26 & 35.

Over mts. land, desc. along N. side of canyon.

6.00 Foot of slope, brs. NE. & SW., enter valley, brs. N. & S.

40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for ¼ sec. cor., marked on brass cap,
¼ S 26 ½ in N., and
S 35 in S. half;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

Thence over level valley.

80.08 To cor. of secs. 25, 26, 35 & 36, ~~hereinbefore described~~.

Land, mts., level, open.

Soil, 3rd rate, stony, sandy. Good grass in valley.

East, on a true line, bet. secs. 25 & 36, as per
instructions.

Over gently undulating valley, asc. gradually.

10.00 Road, brs. NNW. & SSE.

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,
~~marked on brass cap~~
¼ S 25 ½ in N., and
S 36 in S. half;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

45.00 Enter scattering cedar, brs. N. & S.

69.91 Road, brs. SE. & NW.

75.21 Wire fence, brs. NW. & SE.

76.31 Telegraph line, brs. NW. & SE.

77.88 A. T. & S.F.R.R., brs. S. 59° 50' E. & N. 59° 50' W.

79.14 Telegraph line, parallels R.R.

82.16 Wire fence, parallels R.R.

Chains.
bedrock

embedded

91.18 Intersect West Bdy. of T. 23 N., R. 6 W. 13.32 chs. N. of cor. of secs. 29 & 32, which is a sandstone 14x5x15 ins. above ground, 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. 25 & 36, marked on brass cap,

C.C. E. of centre,
T 23 N in N., and
S 29, S 32, R 6 W in E. half,
S 25 in NW., and
S 36 R 7 W, in SW. quadrants;

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

A cedar tree 8 ins. diam. brs. N. 42° W. 128 lks. dist., marked T 23 N R 7 W S 25 C C B T.

Land, rolling.

Soil, 3rd rate, sandy, gravelly.

Sparse cedar, Fair grass.

At this cor., at noon, I set off 23° 20' S. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is 35° 21' N.

N. 0° 3' E., bet. secs. 25 & 26.

Over level valley.

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 26 in W., and
S 25 in E. half;

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. 23, 24, 25 & 26, marked on brass cap,

T 23 N R 7 W, in N. half,
S 23 in NW.,
S 24 in NE.,
S 25 in SE., and
S 26 in SW. quadrants;

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, 2nd & 3rd rate, sandy, gravelly. Good grass.

N. 89° 58' W., on a random line, bet. secs. 23 & 26.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. & S. line 17 lks. N. of cor. of secs.

22, 23, 26 & 27, ~~marked before described~~, whence I run

N. 89° 55' E., on a true line, bet. secs. 23 & 26.

Over rolling, broken mesa, breaking into ridges to N. of line, through scattering cedar.

8.50 Ravine, course N., near head.

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 23 in N., and
S 26 in S. half; from which,

A cedar tree 10 ins. diam. brs. N. 48 1/2° W. 208 lks. dist., marked 1/4 S 23 B T.

A cedar tree 12 ins. diam. brs. S. 64° E. 38 lks. dist., marked 1/4 S 26 B T.

55.00 E. rim, brs. N. & S., desc. prec. E. slope.

70.00 Foot of main slope, brs. N. & S., desc. grad.

80.12 To cor. of secs. 23, 24, 25 & 26, ~~marked before described~~.

Land, mts., broken, rolling.

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

Sparse cedar, few pinons. Good grass.

Dec. 27, 1911.

Chains. Dec. 28, 1911. (hereinbefore described)
 At 8h a.m., l.m.t., at the cor. of secs. 23, 24, 25 & 26,
 I set off 23°15' S. on the decl. arc, and 35°22' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 East, bet. secs. 24 & 25.
 8.66 Wire fence, brs. NNW. & SSE.
 9.20 Telegraph line, brs. NNW. & SSE.
 9.89 A.T. & S.F.R.R., brs. S. 17°11' E. & N. 17°11' W.
 10.57 Telegraph line, parallels R.R.
 11.14 Wire fence, parallels R.R.
 19.40 Road, Seligman to Kingman, brs. NNW. & SSE.
 20.79 Road, brs. N. & S. Seligman to Pine Springs.
 26.00 Enter cedar, 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 24 in N., and
 S 25 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.
 74.43 Wire fence, brs. NE. & SW.
 79.82 Road, brs. NNE. & SSW. to quarry; asc. SW. slope.
 84.00 Asc. prec. NW. slope of mesa.
 91.25 Intersect West bdy. of T. 23 N., R. 6 W. 13.80 chs. N. of
 cor. of secs. 20 & 29, which is a sandstone 8x6x16 ins.
 above ground, 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. 24 & 25, marked on
 brass cap,
 C C, E. of centre,
 T 23 N in N., and
 S 20, S 29, R 6 W, in E. half,
 S 24 in NW., and
 S 25 R 7 W, in SW. quadrants;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 No bearings available.
 Land, rolling, mts.
 Soil, 2nd & 3rd rate, sandy, gravelly, stony.
 Sparse cedar, oak brush, cacti. Good grass.

N. 0° 3' E., bet. secs. 23 & 24.
 Over rolling land. asc. grad.
 20.00 Point of spur, brs. E. & W., desc. grad.
 29.70 Wire fence, brs. NNW. & SSE.
 31.57 Telegraph line, brs. NNW. & SSE.
 34.90 A.T. & S.F.R.R., brs. S. 17°11' E. & N. 17°11' W.
 36.03 Telegraph line, brs. NNW. & SSE., parallels R.R.
 38.37 Wire fence, brs. NNW. & SSE. parallels R.R.
 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;
 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.
 49.38 Road, Seligman to Kingman, brs. NNW. & SSE.
 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 23 N R 7 W, in N. half,
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrants;
 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, gravelly.
 Few cedars, Good grass.

Subdivision of T. 23 N., R. 7 W.

Chains. S. 89°55' W., on a random line, bet. secs. 14 & 23.

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

80.16 Intersect N. & S. line 5 lks. N. of cor. of
secs. 14, 15, 22 & 23, ~~herebefore~~ described, whence I run
N. 89°53' E., on a true line, bet. secs. 14 & 23.
Over rolling, broken land. desc. grad.

12.00 Draw, 10 chs. wide, course N., asc. grad.

23.00 Low ridge, brs. N. & S., desc.

36.00 Foot, brs. NW. & SE., desc. grad., in valley.

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 14 in N., and
S 23 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.

62.36 Wire fence, brs. NW. & SE.

62.73 Telegraph line, brs. NW. & SE. mile post No. 436 is 46
lks. to NW.

63.54 A.T. & S.F.R.R., brs. N. 27°25' W. & S. 27°25' E.

64.26 Telegraph line, parallels R.R.

65.00 Wire fence, parallels R.R.

68.52 Road, Seligman to Kingman, parallels R.R.

80.16 To cor. of secs. 13, 14, 23 & 24, ~~herebefore~~ described.
At this cor., at noon, I set off 23°17 $\frac{1}{2}$ ' S. on the decl.
~~and~~ and observe the sun on the meridian.
The resulting lat. is 35°22 $\frac{1}{2}$ ' N.
Land, rolling. Soil, 3rd rate, gravelly, sandy.
Few cedars, cacti, sage brush. Good grass.

East, bet. secs. 13 & 24.
Over open, nearly level valley.

19.60 Road, Seligman to Pine Springs, brs. N. & S.

37.45 Wash, 20 lks. wide, course NW., 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 13 in N., and
S 24 in S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

46.00 Enter dense cedar, brs. N. & S., asc.

74.00 Along N. slope of spur.

91.32 Intersect West ~~side~~ of T. 23 N., R. 6 W. 7.90 chs. N. of
witness cor. to cor. of secs. 17 & 20, (6 chs. N. of
cor. point), which is a limestone boulder or ledge,
10x6x5 ft. above ground, 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. 13 & 24, marked on
brass cap,
C C, E. of centre,
T 23 N in N., and
S 17, S 20, R 6 W, in E. half,
S 13 in NW., and
S 24 R 7 W, in SW. quadrants;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
No trees in limits.
Land, rolling, mts.
Soil, 3rd rate, sandy, gravelly, stony.
Cedar, few pinons, oak brush, fair grass.

Chains

N. 0° 3' E., bet. secs. 13 & 14.

Over level grassy valley.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ~~sec. 14~~ ~~sec. 13~~, marked on brass cap,

1/4 S 14 in W., and
S 13 in E. half;

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. 11, 12, 13 & 14, marked on brass cap,

T 23 N R 7 W, in N. half,
S 11 in NW.,
S 12 in NE.,
S 13 in SE., and
S 14 in SW. quadrants;

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

Land, rolling, level.

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

Sparse sage brush, cacti. Good native grass.

Dec. 28, 1911.

~~bedrock exposed~~

Dec. 29 & 30, stormy.

Dec. 31, 1911.

hereinbefore described

At 8h a.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14,

I set off 23° 05' S. on the decl. arc, and 35° 23 1/2' N. on the lat. arc, and determine a meridian with the solar.

Thence I run,

S. 89° 53' W., on a random line, bet. secs. 11 & 14.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N. & S. line 7 lks. S. of cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~, whence I run

N. 89° 56' E., on a true line, bet. secs. 11 & 14.

Over level, open, grassy valley.

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 11 in N., and
S 14 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.

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

Land, level, gently rolling.

Soil, 2nd & 3rd rate, sandy, gravelly.

Sage brush, cacti. Fine grass.

East, bet. secs. 12 & 13.

Over gently rolling valley.

26.50 Road, Seligman to Pine Springs, brs. N. & S.

30.00 Asc. W. slope., brs. N. & S., leave valley.

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 12 in N., and
S 13 in S. half;

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

50.00 Asc. prec. W. slope.

65.00 Over broken sandstone ledges.

88.50 Top of cliff, on spur, brs. SSW. & NNE.

91.40 Intersect West bdy. of T. 23 N., R. 6 W. 14.02 chs. N. of cor. point, and 12.32 chs. N. of witness cor. to cor. of

secs. 8 & 17, which is a limestone 3x3x3 ft. above ground, 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. 12 & 13, marked on

brass cap, C C, E. of centre, T 23 N in N., and S 8, S 17, R 6 W, in E. half; S 12, in NW., and S 13, R 7 W, in SW. quadrants: and

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

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

Good grazing.

Chains.

- N. $0^{\circ} 3'$ E., bet. secs. 11 & 12.
Over level open valley,
- 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.
- 79.50 Road, Seligman to Pine Springs, brs. NNW. & SSE.
- 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 23 N~~ R 7 W, in N., half, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quadrants; 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, level, gently undulating. Soil, 3rd rate, sandy, loose, dry. Sparse ~~sage brush~~ brush, cacti. Good grass. At this cor., at noon, I set off $23^{\circ} 07'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ} 24\frac{1}{2}'$ N.
-
- S. $89^{\circ} 56'$ W., on a random line, bet. secs. 2 & 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~, whence I run N. $89^{\circ} 57'$ E., on a true line, bet. secs. 2 & 11. Over open level, grassy valley.
- 40.03 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; 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.
- 79.60 Road, Pine Springs to Seligman, brs. SSE. & NNW.
- 80.06 To cor. of secs. 1, 2, 11 & 12, ~~hereinbefore described~~. Land, level, open. Soil, 2nd & 3rd rate, sandy, loose. Sparse sage brush, cacti. Fine native gramma grass.
-
- East, bet. secs. 1 & 12.
Over level grassy valley.
- 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 1 in N., and S 12 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. grad. from cor.
- 50.00 Leave valley, brs. N. & S. asc. steep WSW. slope.
- 91.00 Intersect West bdy. of T. 23 N., R. 6 W, 14.08 chs. N. of cor. of secs. 5 & 8, which is a limestone 8x6x7 ins. above ground, 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. 1 & 12, marked on brass cap, C C, E. of centre, T 23 N in N., and S 5, S 6, R 6 W, in E. half, S 1 in NW., and S 12, R 7 W, in SW. quadrants; from which,

Chains.

A pinon tree 8 ins. diam. brs. S. $72\frac{1}{2}^{\circ}$ W. 63 lks. dist.,
marked T 23 N R 7 W S 12 B T.

A pinon tree 6 ins. diam. brs. N. 19° W. 48 lks. dist.,
marked T 23 N R 7 W S 1 B T.

Land, level, rolling, mts.

Soil, 3rd rate, sandy, stony.

Sparse cedar & pinon on mountain. Good grass.

N. $0^{\circ} 10'$ E., on a random line, bet. secs. 1 & 2.

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

80.24 Intersect North bdy. of Tp. $2\frac{1}{4}$ lks. E. of cor. of
secs. 1, 2, 35 & 56, ~~hereinbefore described~~, whence I run

S. $0^{\circ} 9'$ W., on a true line, bet. secs. 1 & 2.

Over open, grassy valley, desc. slightly.

40.24 Set an iron post 3 ft. long, 1 in. in diam. 20 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;

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.

80.24 To cor. of secs. 1, 2, 11 & 12, ~~hereinbefore described~~.

Land, level, gently rolling.

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

Sparse sage brush, cacti. Good native grass.

--General Description.--

T. 23 N., R. 7 W. ~~is broken~~ land heavily rolling in the
SW., and mountainous in the NE. portions, along the E.
bdy. The land in the North and NW. parts lies in a smooth
grassy valley, and would produce well if watered.
The soil in the valley is a rich sandy loam, with clay
underlying.

There is no water in the Tp. The Santa Fe. R.R. has
a dry well at Aubrey 900 ft. deep, and from the indica-
tions elsewhere water lies at a great depth.

There are no settlers in the Tp.

All the land is good grazing land, covered with a fine
growth of dark gramma and bunch grass.

The SW. portion is covered in general with a dense growth
of cedar and some pinon, but of no value for timber.

There are no indications of mineral.

Dec. 31, 1911.


U. S. Surveyor.

114 a
2

Subdivisions Group 15

for FINAL OATH OF UNITED STATES SURVEYOR.

JESSE B. WRIGHT

See Book "T"

BOOK 2434

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 subdivision lines of Township 23 North, Range 7 West

Gila & Salt River Base & Meridian

Arizona

executed by *Jesse B. Wright* U. S. Surveyor
 under his special instructions, dated *for Group 15* *August 28*, 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.

U. S. Surveyor General.