

2444

4-679

107
MAY 1 - 1912

Book "Z" BOOK 2444

FIELD NOTES

G.L.O. letter "E" Nov. 10-1913
OF THE SURVEY OF THE

Subdivision of Township 21 North, Range 14 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Jesse B. Wright,

and

William H. Elliott

In the capacity of U. S. Surveyors, under instructions dated August 28, 1911,
issued by the United States Surveyor General to govern surveys included in
Group No. 13, which were approved by the Commissioner of the General Land
Office, September 28, 1911, pursuant to authority contained in the Act of
Congress dated June 25, 1910

Survey commenced February 2, 1912

Survey completed February 9, 1912

1A
108

BOOK 2444

2444

INDEX DIAGRAM.

Township 27 North, Range 14 West

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

5th Standard Parallel North

6-151

o Indicates corners set by William H Elliott

x " " " " Jesse B Wight

— Book 7

Chains

Survey commenced Feb. 2, 1912., and executed jointly by Jesse B. Wright, and William H. Elliott, U.S. Surveyors, Wright using transit No. 6492, made by Young & Son's, with Smith's patent solar attachment on side. The plates of this instrument reading by double verniers placed opposite to each other to 1' of arc, which is also the least reading of the verniers of the latitude and declination arcs. Elliott using transit No. 3480, made by Young & Son's, with Smith's patent solar attachment on side. The plates of this instrument also reading by two double vernier placed opposite to each other to 1' of arc, which is also the least reading of the verniers of the latitude and decl. arcs.

At our camp near the cor. of secs. 15, 16, 21 & 22, in the centre of T. 21 N., R. 14 W., we examine and test all the adjustments of the transits and solars, and finding same correct; then, in order to test the solar attachments of the instruments, by comparing the results of observations on the sun, for meridians, made during p.m. & a.m. hours respectively, with a true meridian established by observation of Polaris, we proceed as follows.

At 4h p.m., l.m.t., at a point near our camp, we set off 35°12' N. on the lat. arcs, and 16°56' S. on the decl. arcs, and determine meridian with the solars, and mark the meridian thus determined by tacks driven in a stake driven firmly in the ground 5 chs. N. of our station, the instruments varying about 15".

At 10h 36m p.m., l.m.t., we observe Polaris at Western Elongation, in accordance with instructions in the Manual, and mark the line thus determined by a tack in a stake driven firmly in the ground 6 chs. N. of our station. Feb. 2, 1912.

Feb. 3, 1912.

At 7h 45m a.m., l.m.t., we set off the azimuth of Polaris, 1°25' to the East, and mark the true meridian thus determined by a tack in the stake 5 chs. N. of our station, which point falls about .20 ins. E., and .10 ins. W. of the points in the meridian as determined by the solars of instruments of transits Nos. 3480, and 6492 respectively.

At 8h a.m., l.m.t., we set off 16°44½' S. on the decl. arcs, and 35°12' N. on the lat. arcs, and determine meridians with the solars, and mark the meridians thus determined by tacks driven in the stake 5 chs. N. of our station, which points as given by instruments Nos. 3480 and 6492 fall respectively .15 ins. E., and .15 ins. W. of the point in the true meridian as established by Polaris observation. We find that instruments Nos. 3480 and 6492 by solar observations defines positions for meridians about 10" W., and 36" E., respectively by p.m. observations; and about 8" E. and W. respectively by a.m. observations; therefore we conclude that the instruments are in satisfactory adjustment.

The magnetic bearing of the true meridian at 8h a.m. is N. 15°50' W.; the angle thus determined gives the magnetic declination as 15°50' E.

Elliott proceeds to the Std. Cor. of Secs. 35 & 36, on the South Bdy. of the Tp., to begin the subdivision of the Tp., while Wright proceeds to the NE. cor. of the Tp. to begin the re-survey of the North Boundary of the Tp.

William H. Elliott, U.S. Surveyor

At 9h a.m., l.m.t., at the Standard cor. of secs. 35 & 36, on the South Bdy. of the Tp., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked & witnessed as described by the Surveyor General, I set off 16°45' S. on the decl. arc, and 35°09½' N. on the lat. arc, and determine a meridian with the solar, Thence I run, as per instructions,

Chains.

N. 0° 1' W., bet. secs. 35 & 36.
 Over heavily rolling, broken land, through scattering cedar, scrub oak, cacti, good native grass.

39.40 Wash, 20 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 35 in W., and
 S 36 in E. half; from which,
 A cedar tree 6 ins. diam. brs. N. 7° E. 31 lks. dist., marked $\frac{1}{4}$ S 36 B T.
 A cedar tree 7 ins. diam. brs. N. 65° W. 122 lks. dist., marked $\frac{1}{4}$ S 35 B T.

63.70 Wash, 25 lks. wide, course E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap, T 21 N R 14 W in N. half,
 S 26 in NW.,
 S 25 in NE.,
 S 36 in SE., and
 S 35 in SW. quad.; from which,
 A cedar tree 6 ins. diam. brs. N. 27° E. 123 lks. dist., marked T 21 N R 14 W S 25 B T.
 A cedar tree 6 ins. diam. brs. S. 63° E. 59 lks. dist., marked T 21 N R 14 W S 36 B T.
 A cedar tree 6 ins. diam. brs. S. 46 $\frac{1}{4}$ ° W. 90 lks. dist., marked T 21 N R 14 W S 35 B T.
 A cedar tree 7 ins. diam. brs. N. 39° W. 129 lks. dist., marked T 21 N R 14 W S 26 B T.

Land, rolling, broken.
 Soil, 3rd rate, gravelly.
 Cedar, few pinons, scrub oak, cacti.
 Good native grass.

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

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

79.96 Intersect East bdy. of Tp. 9 lks. S. of cor. of secs. 25, 30, 31 & 36, 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, whence I run,
 S. 89° 56' W., on a true line, bet. secs. 25 & 36.
 Over rolling, broken land, through scattering cedar, and pinon.

22.00 Wash, 15 lks. wide, course ENE.

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 25 in N., and
 S 36 in S. half; from which,
 A cedar tree 3 ins. diam. brs. N. 45° E. 33 lks. dist., marked $\frac{1}{4}$ S 25 B T.
 A pinon tree 6 ins. diam. brs. S. 34° W. 90 lks. dist., marked $\frac{1}{4}$ S 36 B T.

79.96 To cor. of secs. 25, 26, 35 & 36 ~~hereinbefore described~~
 Land, rolling, very broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Cedar, pinon, scrub oak, fair grass.

Chains.

- N. 0° 1' W., bet. secs. 25 & 26.
Over rolling, broken land, drains to ENE., through sparse cedar, scrub oak, few pinons.
- 33.50 Wash, 20 lks. wide, course E.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 26 in W., and $\frac{1}{4}$ S 25 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.
- 47.60 Road, Kingman to Prescott, 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. 23, 24, 25 & 26, marked on brass cap,
T 21 N R 14 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 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
No trees available.
Land, rolling, broken.
Soil, 3rd rate, gravelly.
Few cedars, scrub oak, fair grass.
At this cor., at noon, I set off 16° 43' S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is 35° 11' N.
-
- N. 89° 56' E., on a random line, bet. secs. 24 & 25.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 19, 24, 25 & 30, 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;
whence I run,
S. 89° 58' W., on a true line, bet. secs. 24 & 25.
Over gently rolling land, through scattering cedar, and scrub oak. Good native grass.
- 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 24 in N., and
 $\frac{1}{4}$ S 25 in S. half; from which,
A cedar tree 6 ins. diam. brs. N. 52 $\frac{1}{2}$ ° E. 109 lks. dist.,
marked $\frac{1}{4}$ S 24 B T.
A cedar tree 6 ins. diam. brs. S. 36° E. 72 lks. dist.,
marked $\frac{1}{4}$ S 25 B T.
- 79.92 To cor. of secs. 23, 24, 25 & 26. hereinbefore described
Land, rolling.
Soil, 3rd rate, gravelly, loose, dry.
Cedar, scrub oak, cacti. Good native grass.

Chains.

N. $0^{\circ} 1'$ W., bet. secs. 23 & 24.
 Over rolling land, through sparse cedar, and scrub oak.
 22.80 Wash, 10 lks. wide, course E.,
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.
 47.10 Wash, 40 lks. wide, course E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 13, 14, 23 & 24, marked on
 brass cap,
 T 21 N R 14 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 somewhat broken.
 Soil, 3rd rate, gravelly.
 Sparse cedar, scrub oak, cacti. Good native grass.

N. $89^{\circ} 58'$ E., on a random line, bet. secs. 13 & 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect E. bdy. of Tp. 7 lks. N. of cor. of
 secs. 13, 18, 19 & 24, 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;
 whence I run,
 N. $89^{\circ} 59'$ W., on a true line, bet. secs. 13 & 24.
 Over rolling land, through sparse cedar and scrub oak.
 31.20 Wash, 15 lks. wide, course SE.
 39.94 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 cedar tree 6 ins. diam. brs. S. $55\frac{1}{2}^{\circ}$ W. 112 lks. dist.,
 marked $\frac{1}{4}$ S 24 B T.
 A cedar tree 7 ins. diam. brs. N. $60\frac{1}{2}^{\circ}$ W. 297 lks. dist.,
 marked $\frac{1}{4}$ S 13 B T.
 79.88 To cor. of secs. 13, 14, 23 & 24. hereinbefore described
 Land, rolling.
 Soil, 3rd rate, gravelly.
 Few cedars, scrub oak, cacti. Good native grass in places.
 Feb. 3, 1913.

Chains.

Feb. 4, 1912. hereinafter described
 At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,
 I set off 16°27' S. on the decl. arc, and 35°12' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' W., bet. secs. 13 & 14.
 Over rolling land, through scattering cedar, and
 palonegro, scrub oak, and cacti.
 26.35 Wash, 30 lks. wide, course SE.
 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 14 in W., and
 S 13 in E. half; from which,
 A cedar tree 6 ins. diam. brs. S. 44½° E. 80 lks. dist.,
 marked ¼ S 13 B T.
 A cedar tree 6 ins. diam. brs. S. 65° W. 141 lks. dist.,
 marked ¼ S 14 B T.
 58.35 Wash, 30 lks. wide, course SE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 11, 12, 13 & 14, marked on
 brass cap,
 T 21 N R 14 W, in N. half,
 S 11 in NW.,
 S 12 in NE.,
 S 13 in SE., and
 S 14 in SW. quadrants; from
 dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, sandy, loose, dry.
 Sparse cedar, palonegro, scrub oak, cacti. Fair grass.

S. 89°59' E., on a random line, bet. secs. 12 & 13.
 40.00 Set temp. ¼ sec. cor.
 79.82 Intersect E. bdy. of Tp. 5 lks. N. of cor. of
 secs. 7, 12, 13 & 18, 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;
 whence I run,
 N. 89°57' W., on a true line, bet. secs. 12 & 13.
 Over rolling land, through scattering cedar, palo-negro,
 and scrub oak.
 39.91 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 12 in N., and
 S 13 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.
 54.00 Wash, 150 lks. wide, course SE.
 61.50 Wash, 50 lks. wide, course SE.
 79.82 To cor. of secs. 11, 12, 13 & 14, **hereinafter described**
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, sandy.
 Sparse cedar, scrub oak, palonegro. Fair grass.

Chains	
	N. 0° 1' W., bet. secs. 11 & 12. Over rolling land, through scattering cedar, palonegro, and scrub oak.
14.00	Wash, 50 lks. wide, course SE.
31.00	Wash, 20 lks. wide, course ESE.
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.
48.50	Wash, 15 lks. wide, course SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap, T 21 N. R 14 W, in N. half, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quadrants; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. No trees available. Pits impracticable. Land, rolling, Soil, 3rd rate, gravelly, sandy, loose, dry. Sparse cedar, scrub oak, palonegro. Fair grass. At this cor., at noon, I set off $16^{\circ}25\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ}14'$ N.
40.00	S. $89^{\circ}57'$ E. on a random line, bet. secs. 1 & 12. Set temp. $\frac{1}{4}$ sec. cor.
79.74	Intersect E. bdy. of Tp. 3 lks. N. of cor. of secs. 1, 6, 7 & 12, 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; whence I run, N. $89^{\circ}56'$ W., on a true line, bet. secs. 1 & 12. Over rolling, broken land, through scattering cedar, palonegro and oak brush.
31.00	Wash, 15 lks. wide, course SE. Asc. stony malapais hill.
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 1 in N., and S 12 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Top of hill, brs. NNW. & SSE., desc.
48.00	Wash, 15 lks. wide, course SE., Asc. grad.
78.00	Wash, 50 lks. wide, course SE.
79.74	To cor. of secs. 1, 2, 11 & 12. hereinbefore described Land, rolling, broken. Soil, 3rd rate, gravelly. Sparse cedar, scrub oak, cacti, palonegro. Fair grass.
40.00	N. 0° 1' W., bet. secs. 1 & 2. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. Bdy. of Tp. 16 lks. E. of cor. of secs. 1, 2, 35 & 36, set re-estab. by Jesse B. Wright & described in Book 7, whence I run S. 0° 8' E., on a true line, bet. secs. 1 & 2. Over rough, broken, hilly land.
10.00	Flat ridge, brs. E. & W., desc. grad.
39.25	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap, W. C $\frac{1}{4}$ N. of centre, S 2 in SW., and S. 1 in SE. quad; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
39.90	Cor. point in wash, 75 lks. wide, course SSE. thence in wash.
50.00	Leave wash, course SE.
76.25	Wash, 30 lks. wide, course SE.
79.90	To cor. of secs. 1, 2, 11 & 12. hereinbefore described Land, hilly. Soil, 3rd rate, stony. Feb. 4, 1912.

Chains.

Feb. 5, 1912.
 At 8h a.m., l.m.t., at Std.cor. of secs. 26, 27, 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 16° 9' S. on the decl. arc, and 35° 9½' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 1' W., bet. secs. 34 & 35.
 Over heavily rolling land, through scattering cedar,
 scrub oak, palonegro, cacti. Fair grazing.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,
 ¼ S 34 in W., and
 ¼ S 35 in E. half; from which,
 A cedar tree 3 ins. diam.brs. East, 5 lks. dist.,
 marked ¼ S 35 B T.
 A cedar tree 6 ins.diam. S.45°W. 95 lks. dist.,
 marked ¼ S 34 B T.

43.70 Wash, 50 lks. wide, course ENE.
 67.90 Wash, 50 lks. wide, course E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 26, 27, 34 & 35, marked on
 brass cap,
 T 21 N R 14 W, in N. half,
 S 27 in NW.,
 S 26 in NE.,
 S 35 in SE., and
 S 34 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, rolling, broken.
 Soil, 3rd rate, gravelly.
 Sparse cedar, scrub oak, cacti. Good grass.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. & S. line at cor. of
 secs. 25, 26, 35 & 36, ~~hereinafter~~ described, whence I run
 West, on a true line, bet. secs. 26 & 35.
 Over rolling broken land, through scattering cedar,
 palonegro, and oak brush.

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 26 in N., and
 ¼ S 35 in S. half; from which,
 A cedar tree 8 ins.diam.brs. N.50°E. 85 lks. dist.,
 marked ¼ S 26 B T.
 A cedar tree 12 ins.diam.brs. S.48°E. 111 lks. dist.,
 marked ¼ S 35 B T.

80.00 To cor. of secs. 26, 27, 34 & 35, ~~hereinafter~~ described.
 Land, rolling.
 Soil, 3rd rate, gravelly.
 Sparse cedar, scrub oak, palonegro, cacti. Fair grass.

- Chains.
- N. $0^{\circ} 1'$ W., bet. secs. 26 & 27.
Over rolling land, through scattering cedar.
- 10.00 Wash, 20 lks. wide, course ENE.
- 24.00 Wash, 30 lks. wide, course ENE.
- 38.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap,
W.C. $\frac{1}{4}$, on S. of centre.
S 27 in W., and
S. 26 in E. half; from which,
A cedar tree 10 ins. diam. brs. N. 31° E. 170 lks. dist., marked W.C. $\frac{1}{4}$ S 26 B T.
A cedar tree 8 ins. diam. brs. N. 60° W. 250 lks. dist., marked W.C. $\frac{1}{4}$ S 27 B T.
- 40.00 Cor. point falls in wash, 150 lks. wide, course ENE. **arc.**
- 43.43 Road, Kingman to Prescott, brs. ENE. & WSW., on ridge.
- 46.00 Wash, 50 lks. wide, course ENE.
- 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 21 N R 14 W, in N. half,
S 22 in NW.,
S 23 in NE.,
S 26 in SE., and
S 27 in SW. quadrants;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling, broken.
Soil, 3rd rate, gravelly, loose, dry.
Cedar, scrub oak, palonegro, cacti. Good native grass.
-
- East, on a random line, bet. secs. 23 & 26.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. & S. line 5 lks. S. of cor. of secs. 23, 24, 25 & 26, ~~hereinbefore described~~, whence I run S. $89^{\circ} 58'$ W., on a true line, bet. secs. 23 & 26.
Over rolling land.
- 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 23 in NE., and~~
S 26 in S. half; from which,
A cedar tree 10 ins. diam. brs. S. 50° W. 86 lks. dist., marked $\frac{1}{4}$ S 26 B T.
A cedar tree 8 ins. diam. brs. N. 34° W. 64 lks. dist., marked $\frac{1}{4}$ S 23 B T.
- 68.00 Wash, 50 lks. wide, course NE.
- 79.98 To cor. of secs. 22, 23, 26 & 27, ~~hereinbefore described~~.
Land, rolling, broken.
Soil, 3rd rate, gravelly.
Some few cedars. palonegro, cacti, oak brush. Fair grass.
At this cor., at noon, ~~at 11 A.M.~~, I set off $16^{\circ} 8'$ S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $35^{\circ} 11'$ N.

Chains.

N. 0° 1' W., bet. secs. 22 & 23.
 Over rolling land, sparse cedar.

36.00 Wash, 50 lks. wide, course NE.

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. N.51°E. 90 lks. dist., marked $\frac{1}{4}$ S 23 B T.
 A cedar tree 8 ins.diam.brs. N.48°W. 175 lks. dist., marked $\frac{1}{4}$ S 22 B T.

58.00 Wash, 150 lks. wide, course E. asc. grad.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14,15,22 & 23, marked on brass cap,
 T 21 N R 14 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 8 ins.dia m.brs. N.48°W. 58 lks. dist., marked T 21 N R 14 W S 15 B T.
 No other trees available.
 raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high W. of cor.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly.
 Cedar, scrub oak, palonegro, cacti. Fair grass.

N. 89°58' E., on a random line, bet. secs. 14 & 23.

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

79.96 Intersect N. & S. line 5 lks. N. of cor. of secs. 13,14,23 & 24, ~~hereinbefore described~~, whence I run West, on a true line, bet ~~secs.~~ 14 & 23.
 Over rolling land,

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 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.

59.50 Wash, 10 lks. wide, course SE.

74.00 Wash, 20 lks. wide, course SE.

79.96 To cor. of secs. 14,15,22 & 23, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Cedar, scrub oak, palonegro, cacti. Good native grass.
 Feb. 5, 1912.

Chains.

Feb. 6, 1912.

hereinbefore described

At 8h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23,

I set off $15^{\circ}51'$ S. on the decl. arc, and $35^{\circ}12'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run,N. $0^{\circ}1'$ W., bet. secs. 14 & 15.

Over heavily rolling land, through scattering cedar.

4.50 Gulch, 3 chs. wide, course SE., wash in bottom 10 lks. wide.

10.15 Wash, 15 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 15 in W., and
S 14 in E. half;dig pits $18 \times 18 \times 12$ 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.

71.30 Wash, 15 lks. wide, course SE.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap,

T 21 N R 14 W, in N. half,

S 10 in NW.,

S 11 in NE.,

S 14 in SE., and

S 15 in SW. quadrants;

dig pits $18 \times 18 \times 12$ 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.

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

Cedar, palonegro, scrub oak, cacti, scattering.

East, on a random line, bet. secs. 11 & 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.98 Intersect N. & S. line 7 lks. N. of cor. of secs. 11, 12, 13 & 14, hereinbefore described, whence I runN. $89^{\circ}57'$ W., on a true line, bet. secs. 11 & 14.

Over rolling land, through scattering cedar, and palonegro.

37.00 Wash, 15 lks. wide, course SE.

39.99 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 11 in N., and
S 14 in S. half;dig pits $18 \times 18 \times 12$ 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.

48.50 Wash, 10 lks. wide, course SE.

61.50 Wash, 10 lks. wide, course SSE.

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

Land, rolling, broken.

Soil, 3rd rate, stony, gravelly.

Cedar, scrub oak, palonegro, cacti. Good grass.

At this cor., at noon, I set off $15^{\circ}49\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian.The resulting lat. is $35^{\circ}13'$ N.N. $0^{\circ}1'$ W., bet. secs. 10 & 11.

Over mts. land, through scrub oak, and palonegro.

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;

dig pits $18 \times 18 \times 12$ 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.

52.25 Wash, 50 lks. wide, course SSE. Asc.

79.00 Top of ridge, brs. E. & W., desc.

Chains.

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 21 N R 14 W, in N. half,
 S 3 in NW.,
 S 2 in NE.,
 S 11 in SE., and
 S 10 in SW. quadrants;
 raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
 No bearings available. Pits impracticable.
 Land, broken, mts.
 Soil, 3rd rate, stony, gravelly.
 Sparse cedar, scrub oak, dense palonegro, cacti.

S. 89°57' E., on a random line, bet. secs. 2 & 11.
 40.00 Set temp. 1/4 sec. cor.
 79.98 Intersect N. & S. line 12 lks. S. of cor. of secs. 1,2,11 & 12, ~~wherebefore described~~ whence I run,
 S. 89°58' W., on a true line, bet. secs. 2 & 11.
 Over mts., broken land, through scrub oak, and palonegro. Asc.
 22.00 Top of hill, apex is 10 chs. to N. of line. desc. grad.
 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 2 in N., and
 S 11 in S. half;
 raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
 58.00 Wash, 15 lks. wide, course ESE., asc. grad.
 79.98 To cor. of secs. 2,3,10 & 11 ~~wherebefore described~~
 Land, mts., broken.
 Soil, 3rd rate, stony, gravelly.
 Cedar, scrub oak, cacti, palonegro. Fair grass.

N. 0° 8' W., bet. secs. 2 & 3, on a random line.
 40.00 Set temp. 1/4 sec. cor.
 79.94 Intersect N. Bdy. of Tp. 7 lks. W. of cor. of secs. 2,3,34, & 35, ~~recently re-established by Jesse B. Wright & described in Book 7, whence I run~~
 S. 0° 5' E., on a true line, bet. secs. 2 & 3.
 Over mts. land, desc. steep.
 17.00 Wash, 25 lks. wide, course NE. Asc. over broken land.
 39.94 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 3 in W., and
 S 2 in E. half;
 raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
 45.00 Top of high rocky hill, brs. NE. & SW. desc. steep.
 57.00 Foot of main slope, desc. grad.
 79.30 Wash, 20 lks. wide, course ENE., asc.
 79.94 To cor. of secs. 2,3,10 & 11 ~~wherebefore described~~
 Land, rolling, mts., broken.
 Soil, 3rd rate, stony, gravelly, dry.
 Cedar, palonegro, cacti. Good grass in places.

Feb. 6, 1912.

William H. Elliott

U.S. Surveyor.

Chains.

Jesse B. Wright
U.S. Surveyor.

Feb. 5, 1912.

At 8h 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 $16^{\circ}9'$ S. on the decl. arc, and $35^{\circ}9\frac{1}{2}'$ 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 heavily rolling, broken land, through scattering
cedar.

18.50 Wash, 20 lks. wide, course NE.

39.70 Old road, on ridge, brs. NE. & SW.

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

$\frac{1}{4}$ S 33 in W., and

S 34 in E. half; from which,

A cedar tree 6 ins. diam. brs. N. 54° E. 93 lks. dist.,
marked $\frac{1}{4}$ S 34 B T.

A cedar tree 8 ins. diam. brs. N. 33° W. 121 lks. dist.,
marked $\frac{1}{4}$ S 33 B T.

56.80 Wash, 50 lks. wide, course NE.

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 21 N R 14 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 8 ins. diam. brs. N. 1° E. 150 lks. dist.,
marked T 21 N R 14 W S 27 B T.

A cedar tree 12 ins. diam. brs. S. $31\frac{1}{2}^{\circ}$ E. 365 lks. dist.,
marked T 21 N R 14 W S 34 B T.

A cedar tree 8 ins. diam. brs. S. 35° W. 177 lks. dist.,
marked T 21 N R 14 W S 33 B T.

A cedar tree 10 ins. diam. brs. N. $17\frac{1}{2}^{\circ}$ W. 80 lks. dist.,
marked T 21 N R 14 W S 23 B T.

Land, rolling, broken.

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

Scattering cedar, scrub oak, cacti. Good native grass.

East, on a random line, bet. secs. 27 & 34.

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

80.04 Intersect N. & S. line 2 $\frac{1}{2}$ lks. N. of cor. of
secs. 26, 27, 34 & 35, ~~hereinbefore described~~, whence I run
N. $89^{\circ}59'$ W., on a true line, bet. secs. 27 & 34.

Over heavily rolling, broken land.

10.00 Wash, 20 lks. wide, course NE.

22.00 Wash, 20 lks. wide, course NE.

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 27 in N., and

S 34 in S. half; from which,

A cedar tree 10 ins. diam. brs. N. 45° W. 20 lks. dist.,
marked $\frac{1}{4}$ S 27 B T.

A cedar tree 15 ins. diam. brs. S. 35° W. 115 lks. dist.,
marked $\frac{1}{4}$ S 34 B T.

51.00 Old road, brs. NE. & SW.

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

Land, rolling, broken.

Soil, 3rd rate, gravelly, dry.

Sparse cedars, scrub oak, cacti. Good native grass.

Chains.	<p>N. $0^{\circ} 2'$ W., bet. secs. 27 & 28. Over rolling, broken land, through scattering cedar. 5.70 Wash, 25 lks. wide, course NE. 24.00 Wash, 30 lks. wide, course ENE. 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 27 in E. half; from which, A cedar tree 14 ins. diam. brs. S. 66° E. 269 lks. dist., marked $\frac{1}{4}$ S 27 B T. A cedar tree 6 ins. diam. brs. S. 51° W. 564 lks. dist., marked $\frac{1}{4}$ S 28 B T. 49.00 Road, Kingman to Prescott, brs. E. & W. 60.00 Ascend. 70.15 Top of butte, brs. NNE. & SSW., thence along W. slope. 75.00 Desc. NW. slope. 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 21 N R 14 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 10 ins. diam. brs. N. 89° W. 20 lks. dist., marked T 21 N R 14 W S 21 B T. No other trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Land, broken, mts. Soil, 3rd rate, gravelly, stony. Few cedars, cacti. Fair grass. Dense oak brush. At this cor., at noon, . . . , I set off $16^{\circ} 38'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ} 11'$ N.</p>
	<p>S. $39^{\circ} 59'$ E., on a random line, bet. secs. 22 & 27. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.02 Intersect N. & S. line 3 lks. N. of cor. of secs. 22, 23, 26 & 27, hereinbefore described, whence I run N. $39^{\circ} 58'$ W., on a true line, bet. secs. 22 & 27. Over rolling, broken land. 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 22 in N., and S 27 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. 44.00 Wash, 20 lks. wide, course NE., asc. grad. 60.00 Asc. NE. slope. 76.00 Top of N. side of butte, desc. NW. slope. 80.02 To cor. of secs. 21, 22, 27 & 28, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, stony. Few cedars, cacti. Fair grass. Dense oak brush in last half mile.</p>

Chains.

- N. $0^{\circ} 2'$ W., bet. secs. 21 & 22.
Over mts., broken land, desc. through scattering cedar, and dense oak brush.
- 13.60 Wash, 30 lks. wide, course ENE.
- 36.85 Wash, 20 lks. wide, course ENE. 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 21 in W., and S 22 in E. half; from which,
A cedar tree 10 ins. diam. brs. S. 63° E. 115 lks. dist., marked $\frac{1}{4}$ S 22 B T.
A cedar tree 24 ins. diam. brs. S. $17\frac{1}{2}^{\circ}$ W. 314 lks. dist., marked $\frac{1}{4}$ S 21 B T.
- 63.00 Gulch, 150 lks. wide, course ESE.,
- 67.00 Asc. steep.
- 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 21 N R 14 W, in N. half,
S 16 in NW.,
S 15 in NE.,
S 22 in SE., and
S 21 in SW. quadrants;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling, mts., broken.
Soil, 3rd rate, gravelly, stony.
Few cedars. Dense cacti, oak brush. sparse grass.

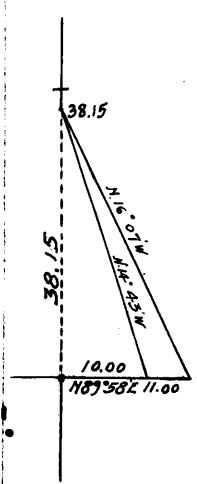
- S. $89^{\circ} 58'$ E., on a random line, bet. secs. 15 & 22.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. & S. line at cor. of secs. 14, 15, 22 & 23, ~~hereinbefore described~~, whence I run
N. $89^{\circ} 58'$ W., on a true line, bet. secs. 15 & 22.
Over rolling land, through scrub cedar and palonegro.
- 7.20 Wash, 25 lks. wide, course SE.
- 25.20 Wash, 15 lks. wide, course SE.
- 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 15 ~~in N. half~~ and S 22 in S. half; from which,
A cedar tree 8 ins. diam. brs. S. 62° E. 38 lks. dist., marked $\frac{1}{4}$ S 22 B T.
A cedar tree 6 ins. diam. brs. N. 33° E. 39 lks. dist., marked $\frac{1}{4}$ S 15 B T.
- 52.00 Wash, 10 lks. wide, course SE., asc. steep malapais hill.
- 77.00 Top of S. slope of hill, desc. grad.
- 80.04 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore~~ described.
Land, rolling, broken.
Soil, 3rd rate, gravelly, stony, dry.
Few cedar trees, dense scrub oak, palonegro, cacti.
~~sparse grass.~~ Feb. 5, 1912.

Chains.

Feb. 6, 1912.
 At 8h a.m., l.m.t., I set off 15° 51' S. on the decl. arc, and 35° 12' N. on the lat. arc, and determine a meridian with the solar at the cor. of secs. 15, 16, 21 & 22. Thence I run, ~~hereinbefore~~ ^{hereinbefore} described N. 0° 2' W., bet. secs. 15 & 16. Over mts. land, asc. through dense palonegro, scrub cedar, oak brush and cacti.
 28.00 Top of low ridge, brs SE. & NW., desc.
 35.90 Gulch, 30 lks. wide, course SE., 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 16 in N., and S 15 in S. half; from which, A cedar tree 6 ins. diam. brs. N. 75° W. 97 lks. dist., marked ¼ S 16 B T.
 Raise a mound of stone 2 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. 9, 10, 15 & 16, marked on brass cap, T 21 N R 14 W, in N. half, S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quadrants; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony. Cedar, scrub oak, palonegro, cacti. sparse grass.

S. 39° 50' E., on a random line, bet. secs. 10 & 15.
 40.00 Set temp. ¼ sec. cor.
 80.10 Intersect N. & S. line 5 lks. S. of cor. of secs. 10, 11, 14 & 15, ~~hereinbefore~~ ^{hereinbefore} described, whence I run West, on a true line, bet. secs. 10 & 15. Over rolling, broken land.
 9.00 Wash, 30 lks. wide, course SE.
 22.80 Wash, 20 lks. wide, course SW.
 37.75 Wash, 20 lks. wide, course SE. asc.
 40.05 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 10 in N., and S 15 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 64.00 Flat ridge, brs. SSE. & NNW. desc. grad.
 80.10 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore~~ ^{hereinbefore} described. Land, rolling, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Palonegro, oak brush, cacti. Sparse grass. Few cedars.

N. 0° 2' W., bet. secs. 9 & 10. Over mts. land, asc. grad. At about 20 chs. on this line, asc. prec. S. slope of mountain, over which I cannot chain; therefore, I set up my instrument at the cor. of secs. 9, 10, 15 & 16, from which point I can get a base line to the East. I send a man ahead, and place a flag on line on top of mountain to the north. Then I measure a base line of 10 and 11 chs. N. 89° 58' E., 11 chs. being the longest base line possible owing to the rough ground. At 10 chs. on this line, the flag to the North, brs. N. 14° 43' W.; the included angle is therefore 75° 19'. Distance to flag is tang. 75° 19', 3.8163 x 10 = 38.16 chs. At 11 chs. on this line, the flag to the North, brs. N. 16° 7' W.; the included angle is therefore 73° 55'. Distance to flag is tang. 73° 55', 3.4684 x 11 = 38.15 chs. This latter distance being derived from the longer base line, I assume as correct, and proceed to flag at



Chains.	
38.15	Top of high granite peak, brs. E. & W., 700 ft. above sec. cor. Low saddle is 5 chs. to W., Higher peak is on same divide 20 chs. to W.
40.00	Set an iron post 3 ft. long, 1 in. in diam., on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 9 in W., and S 10 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
44.12	Desc. prec. N. slope.
65.00	Gulch, 50 lks. wide, course WSW., asc.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 4, 9 & 10, marked on brass cap, T 21 N, R. 14 W, in N. half, S 4 in NW., S 3 in NE., S 10 in SE., and S 9 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, broken, mts. Soil, 3rd rate, stony. Palonegro, scrub oak, few cedars, cacti. Fair grass. At this cor., at noon, I set off $15^{\circ}49\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ}14'$ N.
	East, on a random line, bet. secs. 3 & 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. & S. line $2\frac{1}{2}$ lks. S. of cor. of secs. 2, 3, 10 & 11, hereinbefore described , whence I run S. $89^{\circ}59'$ W., on a true line, bet. secs. 3 & 10. Over rough, broken, mts., land, asc. grad.
20.00	Ridge, brs. N. & S., W. end of butte, E & W., 10 chs. to S. Desc.
30.00	Wash, 150 lks. wide, course SSE., main drain to SE., asc.
40.09	Set an iron post $\frac{3}{4}$ 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; from which, A cedar tree 6 ins. diam. brs. N. 25° E. 18 lks. dist., marked $\frac{1}{4}$ S 3 B T. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Wash, 20 lks. wide, course ENE., near head, asc. steep.
70.00	Top of dividing ridge, brs. NNW. & SSE., desc. grad.
80.18	To cor. of secs. 3, 4, 9 & 10 hereinbefore described Land, rolling, mts., broken. Soil, 3rd rate, stony, dry. Palonegro, scrub oak, cedar, cacti. Fair grass in places.
	N. $0^{\circ}6'$ W., on a random line, bet. secs. 3 & 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. bdy. of Tp. 2 lks. W. of cor. of secs. 3, 4, 33 & 34, recently re-estab. by me & described in Book 7 , whence I run S. $0^{\circ}2'$ E., on a true line, bet. secs. 3 & 4. Over rough, broken land, along rough, broken divide. Descending.
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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
68.00	Wash, 50 lks. wide, course WSW., near head, asc.
80.08	To cor. of secs. 3, 4, 9 & 10, hereinbefore described . Land, rough, broken, mts. Soil, 3rd rate, stony, dry. Palonegro, scrub oak, cacti. Fair grass. Few cedars.

Feb. 6, 1912.

Jesse B. Wright,
U.S. Surveyor.

Chains.	William H. Elliott U.S. Surveyor
	Feb. 7, 1912. At 8h a.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, with brass cap, marked and witnessed as described by the Surveyor-General, I set off 15°33' S. on the decl. arc, and 35°9½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 3' W., bet. secs. 32 & 33. Over rolling, broken land, through scrub oak and cedar.
18.00	Wash, 150 lks. wide, course NE. Asc. grad.
28.00	A round butte, with large lone cedar on top, brs. W. 12 chs. dist., butte. runs NE. & SW. Desc. 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 32 in W., and ¼ S 33 in E. half; from which, A cedar tree 15 ins. diam. brs. N. 43° E. 23 lks. dist., marked ¼ S 33 B T. A cedar tree 6 ins. diam. brs. S. 8½° W. 62 lks. dist., marked ¼ S 32 B T.
40.60	Enter corral, brs. E. & W., abouts 6 chs. square.
43.12	Leave corral, brs. E. & W.
48.00	Wash, 50 lks. wide, course NE. Asc. grad. Small dugout cabin brs. SW., about 5 chs. dist.
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 21 N R 14 W, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quadrant; from which, A cedar tree 6 ins. diam. brs. N. 58° E. 176 lks. dist., marked T 21 N R 14 W S 28 B T. A cedar 6 ins. diam. brs. N. 67½° W. 52 lks. dist., marked T 21 N R 14 W S 29 B T. No other trees available. Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Scrub oak, cedar, palonegro, cacti. Fair grass.
40.00	East, on a random line, bet. secs. 28 & 33. Set temp. ¼ sec. cor.
80.02	Intersect N. & S. line 5 lks. N. of cor. of secs. 27, 28, 33 & 34, hereinbefore described, whence I run N. 89° 58' W., on a true line, bet. secs. 28 & 33. Over rolling, broken land, through scattering cedar,
40.01	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 28 in N., and ¼ S 33 in S. half; from which, A cedar tree 8 ins. diam. brs. N. 19° E. 105 lks. dist., marked ¼ S 28 B T. A cedar tree 8 ins. diam. brs. S. 67° E. 410 lks. dist., marked ¼ S 33 B T.
50.00	Wash, 30 lks. wide, course NE.
61.00	Wash, 30 lks. wide, course NE. Asc. grad.
80.02	To cor. of secs. 28, 29, 32 & 33, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, loose, dry. Cedar, scrub oak, palonegro. Good native grass. At this cor., at noon, I set off 15° 31' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 10½' N.

Chains.

N. 0° 3' W., bet. secs. 28 & 29.
 Over rolling, broken, land.
 2.00 Wash, 20 lks. wide, course NE.
 20.00 Wash, 80 lks. wide, course NE.
 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; from which,
 A cedar tree 8 ins. diam. brs. S. 13° W. 143 lks. dist., marked $\frac{1}{4}$ S 29 B T.
 A cedar tree 6 ins. diam. brs. S. 76° E. 231 lks. dist., marked $\frac{1}{4}$ S 28 B T.
 58.15 Road, Kingman to Prescott, brs. ESE. & WNW.
 59.40 Wash, 50 lks. wide, course E., asc.
 68.00 Spur, brs. SE. & NW.
 80.00 Spur, brs. SE. & NW.
 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 21 N R 14 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 4 ins. diam. brs. N. 52° E. 102 lks. dist., marked T 21 N R 14 W S 21 B T.
 A cedar tree 8 ins. diam. brs. S. 83 $\frac{1}{2}$ ° E. 120 lks. dist., marked T 21 N R 14 W S 28 B T.
 A cedar tree 6 ins. diam. brs. S. 48° W. 276 lks. dist., marked T 21 N R 14 W S 29 B T.
 A cedar tree 6 ins. diam. brs. N. 13° W. 55 lks. dist., marked T 21 N R 14 W S 20 B T.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, loose, dry.
 Sparse cedar, scrub oak, Good native grass.

S. 89° 58' E., on a random line, bet. secs. 21 & 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. & S. line 5 lks. N. of cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run N. 89° 56' W., on a true line, bet. secs. 21 & 28.
 Over rolling land. asc. grad.
 10.00 Desc.
 12.00 Wash, 50 lks. wide, course NE. Thence in timbered 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 21 in N., and ~~S 28 in E. half~~; from which,
 A cedar tree 16 ins. diam. brs. N. 73° E. 136 lks. dist., marked $\frac{1}{4}$ S 21 B T.
 A cedar tree 6 ins. diam. brs. S. 33 $\frac{1}{2}$ ° E. 71 lks. dist., marked $\frac{1}{4}$ S 28 B T.
 58.00 Wash, 15 lks. wide, course NE.
 60.00 Foot of spur, leave timbered valley. Asc. grad.
 75.00 Asc. steep.
 80.06 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.
 Land, rolling, broken.
 Soil, 3rd rate, loose, dry, sandy, gravelly.
 Cedar, palonegro, scrub oak, cacti. Good native grass.
 Feb. 7, 1912.

Chains.

Feb. 8, 1912. (hereinbefore described
 At 8h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,
 I set off 15° 14' S. on the decl. arc, and 35° 11½' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 3' W., bet. secs. 20 & 21.
 Over heavily rolling land, desc.
 6.40 Wash, 20 lks. wide, course E. asc. grad.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,
 ¼ S 20 in W., and
 S 21 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 76.00 Asc. prec.
 79.25 Top of hill, brs. E. & W. desc.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 16, 17, 20 & 21, marked on
 brass cap,
 T 21 N R 14 W, in N. half,
 S 17 in NW.,
 S 16 in NE.,
 S 21 in SE., and
 S 20 in SW. quadrants;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 Land, rolling, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Sparse cedar, scrub oak, palonegro. Fair grass.

S. 89° 56' E., on a random line, bet. secs. 16 & 21.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. & S. line 9 lks. N. of cor. of
 secs. 15, 16, 21 & 22, ~~hereinbefore described~~, whence I run
 N. 89° 52' W., on a true line, bet. secs. 16 & 21.
 Over rolling, broken land. desc.
 11.15 Wash, 15 lks. wide, ~~course SSE~~ course SE. asc. grad.
 36.00 Top of rise, brs. NW & SE., desc.
 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 16 in N., and
 S 21 in S. half; from which,
 A cedar tree 3 ins. diam. brs. S. 10° E. 134 lks. dist.,
 marked ¼ S 21 B T.
 A cedar tree 6 ins. diam. brs. N. 46° W. 50 lks. dist.,
 marked ¼ S 16 B T.
 40.50 Wash, 25 lks. wide, course SE.
 55.45 Wash, 20 lks. wide, course SE.
 58.35 Wash, 15 lks. wide, course SSE. asc.
 80.00 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore described~~.
 Land, broken, mts.
 Soil, 3rd rate, gravelly.
 Sparse cedar, palonegro, cacti. Good native grass.
 At this cor. at noon, . . . , I set off 15° 12½' S. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35° 12' N.

Chains.

- N. $0^{\circ} 3'$ W., bet. secs. 16 & 17.
Over mts., broken land, desc.
- 8.00 Foot, and asc.
- 22.00 Ridge, brs. NW. & SE., desc.
- 29.00 Wash, 50 lks. wide, course SE.
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 17 in W., and
S 16 in E. half; from which,
A cedar tree 7 ins. diam. brs. S. 55° W. 84 lks. dist., marked $\frac{1}{4}$ S 17 B T.
A palonegro tree 9 ins. diam. brs. S. 75° E. 85 lks. dist., marked $\frac{1}{4}$ S 16 B T.
- 58.00 Top of ridge, brs. NW. & SE., desc. NE. slope. of hill.
- 73.00 Foot of slope, 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. 8, 9, 16 & 17, marked on brass cap,
T 21 N R 14 W, in N. half,
S 8 in NW.,
S 9 in NE.,
S 16 in SE., and
S 17 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, broken, rolling, mts.
Soil, 3rd rate, stony, gravelly, loose, dry.
Sparse cedar, palonegro, cacti. Good native grass in places.
-
- S. $89^{\circ} 52'$ E., on a random line, bet. secs. 9 & 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. & S. line 5 lks. S. of cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~, whence I run N. $89^{\circ} 54'$ W., on a true line, bet. secs. 9 & 16.
Over mts., stony, broken land, slopes S. 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 9 in N., and
S 16 in S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
No trees available.
- 41.00 N. side of saddle, brs. N. & S., on flat ridge, brs. N. & S., desc.
- 79.94 To cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~.
Land, broken, mts.
Soil, 3rd rate, stony, gravelly, dry.
Sparse palonegro, cacti, few cedars. Fair grass.
Feb. 8, 1912.
-
- Feb. 9, 1912. ~~hereinbefore described~~
At 8h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17
I set off $14^{\circ} 55\frac{1}{2}'$ S. on the decl. arc, and $35^{\circ} 13'$ 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 rolling land, desc. grad.
- 8.00 Wash, 30 lks. wide, course SW., foot of hill, asc.
- 40.00 Top of ridge, brs. E. & W.
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;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 41.00 Desc. steep N. slope.

Chains.

54.00 Wash, 20 lks. wide, course W., asc. grad. along E. side of another wash.

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 21 N R 14 W, in N. half,
 S 5 in NW.,
 S 4 in NE.,
 S 9 in SE., and
 S 8 in SW. quadrants; from which,
 A cedar tree 6 ins.diam.brs. N.65°E. 59 lks. dist., marked T 21 N R 14 W S 4 B T.
 A cedar tree 7 ins.diam.brs. S.25½°E. 95 lks. dist., marked T 21 N R 14 W S 9 B T.
 A cedar tree 7 ins.diam.brs. S.18°W. 76 lks. dist., marked T 21 N R 14 W S 8 B T.
 A cedar tree 6 ins.diam.brs. N.34°W. 65 lks. dist., marked T 21 N R 14 W S 5 B T.

Land, rough, mts.
 Soil, 3rd & 4th rate, stony, gravelly.
 Cedar, palonegro, cacti. sparse grass. scrub oak, pinon.

S. 89°54' E., on a random line, bet. secs. 4 & 9.

40.00 Set temp. ¼ sec. cor.

79.92 Intersect N. & S. line at cor. of secs. 3,4,9 & 10, ~~hereinbefore described~~, whence I run
 N. 89°54' W., on a true line, bet. secs. 4 & 9.
 Over mts. land, desc. through dense palonegro, scrub oak and cedar.

10.00 Wash, 40 lks. wide, course SSW., runs into Hualpai Valley.

14.00 Asc. prec. Leave cedar.

33.50 Top of peak 500 ft. above sec. cor., brs. N. & S. low divide or saddle on same 10 chs. to N.
 Desc. prec.

39.96 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 4 in N., and
 S 9 in S. half;
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.

42.00 Gulch, 50 lks. wide, course SSW., asc. steep.

62.00 Ridge, brs. S. & N., desc.

79.92 To cor. of secs. 4,5,8 & 9, ~~hereinbefore described~~.
 Land, mts. Soil, 3rd rate, stony.
 Cedar, scrub oak, cacti, palonegro. Sparse grass.
 At this cor., at noon, I set off 14°53½' S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35°14' N.

N. 0° 3' W., on a random line, bet. secs. 4 & 5.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. bdy. of Tp. at cor. of secs. 4,5,32 & 33, ~~recently~~
~~re-established by Jesse B. Wright & described in Book 7, whence I run~~
 S. 0° 3' E., on a random line, bet. secs. 4 & 5.
 Over rocky mts. land, desc.

4.75 Wash, 200 lks. wide, course S.80°W.

19.50 Wash, 10 lks. wide, course SW., asc.

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

38.00 Wash, 10 lks. wide, course W., asc.

40.10 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 5 in W., and S 4 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.

45.50 Top of rocky hill, brs. E. & W., desc.

75.00 Wash, 30 lks. wide, course SW., asc.

80.10 To cor. of secs. 4,5,8 & 9, ~~hereinbefore described~~
 Land, mts., rough. Soil, 3rd rate, stony.
 Palonegro, cedar, scrub oak. Sparse grass.

Chains.

Jesse B. Wright
U.S. Surveyor.

Feb. 7, 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, 3 ins. in diam., 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General, I set off $15^{\circ}33'$ S. on the decl. arc, and $35^{\circ}9\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run,

N. $0^{\circ}3'$ W., bet. secs. 31 & 32.

Over rolling land, through scrub oak, and scattering cedar.

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 in W., and S 32 in E. half;

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

57.00 Wash, 20 lks. wide, course NE.

65.10 Wash, 10 lks. wide, course NE.

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 21 N R 14 W, in N. half,

S 30 in NW.,

S 29 in NE.,

S 32 in SE., and

S 31 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, loose, dry.

Sparse cedar, scrub oak, good native grass.

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

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

79.96 Intersect N. & S. line 5 lks. S. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore described~~ whence I run

S. $39^{\circ}58'$ W., on a true line, bet. secs. 29 & 32.

Over rolling land, through scattering scrub oak and cedars.

2.60 Wash, 15 lks. wide, course NE.

17.00 Wash, 40 lks. wide, course NE.

32.40 Wash, 20 lks. wide, course NE.

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

 $\frac{1}{4}$ S 29 in N., and

S 32 in S. half; from which,

A cedar tree 10 ins. diam. brs. N. 81° E. 400 lks. dist., marked $\frac{1}{4}$ S 29 B T.A cedar tree 10 ins. diam. brs. S. 50° E. 278 lks. dist., marked $\frac{1}{4}$ S 32 B T.

50.30 Wash, 20 lks. wide, course NNE.

66.25 Wash, 15 lks. wide, course N. Turns to NE. and joins.

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

Land, rolling.

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

Cedar, scrub oak, cacti. Fair grass.

Chains.	
	West, on a random line, bet. secs. 30 & 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect W. Bdy. of Tp. 5 lks. S. of cor. of secs. 25, 30, 31 & 36, which is a 37.50 post, 1 ft. above ground, marked & witnessed as described by the Survey, S. 89°58' E., on a true line, bet. secs. 30 & 31. General, whence I run
	Over high rolling land, through scattering oak brush.
14.80	Wash, 20 lks. wide, course NE.
33.00	Wash, 30 lks. wide, course NE.
39.92	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 N., and S 31 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
45.90	Wash, 10 lks. wide, course NE.
75.10	Wash, 20 lks. wide, course NE.
79.92	To cor. of secs. 29, 30, 31 & 32, hereinafter described. Land, rolling, broken. Soil, 3rd rate, granite gravel, dry. Few cedars, scrub oak, Fair grass. At this cor., at noon, I set off 15°31' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35°10 $\frac{1}{2}$ ' N.
	<hr/>
	N. 0° 3' W., bet. secs. 29 & 30.
	Over heavily rolling land, through scattering oak brush.
2.00	Wash, 10 lks. wide, course NE.
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. Enter smooth open land.
47.00	Corral brs. East, 10 chs. dist. 5x8 chs. N. & S.
54.73	Road, Kingman to Prescott, brs. E. & W.
58.60	West end of dam 5 chs. long, 7 ft. high at centre in draw.
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 21 N R 14 W, in N. half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 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 smooth. Soil, 3rd rate, gravelly, sandy, loose, dry. Scrub oak, cedar, sparse cacti and sage brush. Fair grass.
	<hr/>
	N. 89°58' E., on a random line, bet. secs. 20 & 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. & S. line 15 lks. S. of cor. of secs. 20, 21, 28 & 29, hereinafter described, whence I run S. 89°52' W., on a true line, bet. secs. 20 & 29. Over rolling land, through scattering cedar, oak brush, palonegro, and cacti.
31.00	Wash, 10 lks. wide, course SE., leave cedar, asc.
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 20 in N., and S 29 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
41.00	Ridge, brs. SE. & NW., desc.
59.00	Foot of ridge, enter smooth, open land.
79.90	To cor. of secs. 19, 20, 29 & 30, hereinafter described. Land, rolling, mts., smooth. Soil, 3rd rate, gravelly. Sparse cedar, scrub oak. Good grass.

Chains N. $89^{\circ}53'$ W., on a random line, bet. secs. 19 & 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 19, 24, 25 & 30
 which is a 3 inch iron post, 1 ft. above ground, marked & witnessed as described by the Surveyor
 S. $89^{\circ}56'$ E., on a true line, bet. secs. 19 & 30. (General, whence I run
 Over rolling land.
 15.00 Wash, 15 lks. wide, course N.
 36.88 Wash, 50 lks. wide, course N.
 39.88 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.
 57.00 Wash, 20 lks. wide, course N.
 79.88 To cor. of secs. 19, 20, 29 & 30, hereinbefore described.
 Land, rolling, smooth.
 Soil, 3rd rate, gravelly, loose, sandy.
 Sparse scrub oak, cacti. Good native grass.
 Feb. 7, 1912.

Feb. 8, 1912. hereinbefore described
 At 8h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30,
 I set off $15^{\circ}14'$ S. on the decl. arc, and $35^{\circ}11\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}3'$ W., bet. secs. 19 & 20.
 Over level land., smooth grassy flat.
 32.00 Foot of steep rocky hill, leave flat, 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 19 in W., and
 S 20 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 49.00 Top of rocky hill, SSE. & NNW., desc. over huge granite
 boulders..
 80.00 In saddle, brs. SSE. & NNW.
 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 21 N R 14 W, in N. half,
 S 18 in NW.,
 S 17 in NE.,
 S 20 in SE., and
 S 19 in SW. quadrants; from which,
 A cedar tree 6 ins. diam. brs. S. $11\frac{1}{2}^{\circ}$ E. 62 lks. dist.,
 marked T 21 N R 14 W S 20 B T.
 A cedar tree 12 ins. diam. brs. S. $38\frac{3}{4}^{\circ}$ W. 46 lks. dist.,
 marked T 21 N R 14 W S 19 B T.
 A cedar tree 8 ins. diam. brs. N. $9\frac{1}{2}^{\circ}$ W. 28 lks. dist.,
 marked T 21 N R 14 W S 18 B, T.
 No other trees available.
 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, rolling, mts.
 Soil, 3rd rate, stony, gravelly, sandy.
 Cedar, scrub oak, cacti. Fair grass.

Chains

- N. 89°52' E., on a random line, bet. secs. 17 & 20.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect N. & S. line 12 lks. N. of cor. of
secs. 16, 17, 18, 19 & 20, ~~as before described~~, whence I run,
S. 89°57' W., on a true line, bet. secs. 17 & 20.
Over broken, hilly land, asc.
- 1.50 Top of round knoll, brs. NW. & SE., desc. abruptly.
- 9.50 Foot of descent, thence down narrow valley.
- 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 17 in N., and
S 20 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.
- 74.50 Asc. steep.
- 78.50 Top of ridge, brs. SSE. & NNW.
- 79.92 To cor. of secs. 17, 18, 19 & 20.
Land, mts., rolling.
Soil, 3rd rate, stony, gravelly. Sparse cedar. Fair grass.
-
- N. 89°56' W., on a random line, bet. secs. 18 & 19.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.73 Intersect W. Bdy. of T. 21 N. of true point for cor. of secs. 13, 18, 19 & 24 in wash.
a 3 inch iron post 1 ft. above ground, with brass cap, marked, & witnessed as described by the Surv. General,
East, on a true line, bet. secs. 18 & 19. (FROM TRUE POINT FOR COR. I RUN) is located 1.00 ch. S. of cor. point.
Over rolling land.
- 29.00 Wash, 25 lks. wide, course N.
- 39.73 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.
- 46.00 Wash, 150 lks. wide, course N., asc. over mts. land.
- 74.00 Enter scattering cedar, brs. N. & S.
- 79.73 To cor. of secs. 17, 18, 19 & 20. ~~hereinbefore described~~
Land, rolling, mts.
Soil, 3rd rate, sandy, stony.
Sparse cedar, scrub oak, cacti. Good native grass.
At this cor., at noon, I set off 15°12 $\frac{1}{2}$ ' S. on the
decl. arc, and observe the sun on the meridian.
The resulting lat. is 35°12' N.
-
- N. 0° 3' W., bet. secs. 17 & 18.
- Over mts. land, through scattering cedar, asc.
- 17.00 Top of steep rocky hill, desc.
- 35.00 Gulch, 10 lks. wide, course NW., thence along W. slope
of mountain, asc.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 18 in W., and
S 17 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 46.00 Top of W. slope, desc.
- 52.00 Gulch, 10 lks. wide, course W., asc.
- 58.00 Rocky ridge, brs. W. & E., desc.
- 65.00 Foot, brs. E. & W., enter valley.
- 69.00 Wash, 20 lks. wide, course W.
- 79.97 Wash, 40 lks. wide, course N. 85° W.
- 80.00 Point for cor. falls in wash, course N. 85° W.
- 80.25 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for witness cor. to cor. of secs. 7, 8, 17 & 18,
marked on brass cap, W.C. N. of centre;
T 21 N R 14 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 8 ins. diam. brs. S. 24 $\frac{1}{4}$ ° W. 96 lks. dist.,
marked T 21 N R 14 W S 18 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., broken. Soil, 3rd rate, stony. Fair grass.

Chains. From the true point for cor. of secs. 7, 8, 17 & 18, I run
 N. 89° 57' E., on a random line, bet. secs. 8 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line 7 lks. N. of cor. of
 secs. 8, 9, 16 & 17, ~~whence I run~~, whence I run
 West, on a true line, bet. secs. 8 & 17.
 Asc. grad., through scattering palonegro and cedar.
 13.00 N. end of small ridge, desc. along N. side of same.
 Broad valley to N.
 39.97 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 8 in N., and
 $\frac{1}{4}$ S 17 in S. half; from which,
 A cedar tree 8 ins. diam. brs. S. 36 $\frac{1}{4}$ ° E. 140 lks. dist.,
 marked $\frac{1}{4}$ S 17 B T.
 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.
 54.00 Wash, 30 lks. wide, course SW. Thence over open valley.
 77.50 Enter same wash, course NW.
 79.94 True point for cor. of secs. 7, 8, 17 & 18, in wash, course N. 85° W.
 Land, rolling, mts., broken.
 Soil, 3rd rate, stony, gravelly, sandy.
 Sparse cedar, palonegro, cacti, scrub oak. Fair grass.

From the true point for cor. of secs. 7, 8, 17 & 18, I run
 West, on a random line, bet. secs. 7 & 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.64 Intersect W. Bdy. of Tp. 3 lks. N. of cor. of secs. 7, 12, 13 & 18, which is a
 3 inch iron post 1 ft. above ground, with brass cap, marked & witnessed as described by the Surv.
 N. 89° 59' E., on a true line, bet. secs. 7 & 18. General, whence I
 Over gently undulating land. run
 18.90 Wash, 100 lks. wide, course N.
 39.64 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
 $\frac{1}{4}$ S 18 in S. half;
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 77.50 Enter wash, course NNW.
 79.64 To cor. point of secs. 7, 8, 17 & 18, in wash, course N. 85° W.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, loose, dry.
 No timber. Sparse sage brush, cacti. Good native grass.
 Feb. 8, 1912.

Chains.

Feb. 9, 1912.
At 8h a.m., l.m.t., at the true point for cor. of secs. 7, 8, 17 & 18, ^{hereinbefore} _{noted}

I set off 14°55½' S. on the decl. arc, and 35°13' N. on the 1st. arc, and determine a meridian with the solar. Thence I run,

N. 0° 3' W., bet. secs. 7 & 8. over rolling hilly land, ascend gradually.

- 0.25 Witness cor. to cor. of secs. 7, 8, 17 & 18, hereinbefore described.
- 18.00 Foot of SW. slope of hill. 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 7 in W., and ¼ S 8 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
- 45.00 Top of W. slope, about 10 chs. from top of hill to E. Desc. NW. slope.
- 53.00 Wash, 20 lks. wide, course W., asc.
- 64.50 Ridge, brs. E. & W., desc.
- 71.00 Foot, of slope, brs. E. & W., desc. grad.
- 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 21 N R 14 W, in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quadrants; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony, gravelly. No timber, sparse, cedar, scrub oak, cacti. Fair grass.

East, on a random line, bet. secs 5 & 8.

- 40.00 Set temp. ¼ sec. cor.
- 79.96 Intersect N. & S. line 7 lks. N. of cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~, whence I run N. 89°57' W., on a true line, bet. secs. 5 & 8. Over mts. land, desc.
- 6.00 Gulch, 30 lks. wide, course S. Thence asc. grad. along near foot of SSE. slope.
- 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 5 in N., and ¼ S 8 in S. half; from which, A pinon tree 9 ins. diam. brs. S. 15¼° E. 153 lks. dist., marked ¼ S 8 B T. A cedar tree 8 ins. diam. brs. N. 77° E. 131 lks. dist., marked ¼ S 5 B T.
- 54.00 Top of divide, in saddle, brs. N. & S., desc. along SW. slope.
- 79.96 To cor. of secs. 5, 6, 7 & 8, hereinbefore described. Land, rolling, mts., broken. Soil, 3rd rate, stony, gravelly. Sparse cedars, cacti, palonegro, scrub oak. Fair grass.

S. 89°59' W., on a random line, bet. secs. 6 & 7.

- 40.00 Set temp. ¼ sec. cor.
- 79.59 Intersect W. Bdy. of Tp. 7 lks. S. of cor. of secs. 1, 6, 7 & 12, which is a 3 inch iron post, 1 ft. above ground, ^{with brass cap} marked & witnessed as described by the Surv. General, whence I run S. 89°58' E., on a true line, bet. secs. 6 & 7. Over rolling land, through palonegro, and scrub oak.
- 39.59 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 6 in N., and ¼ S 7 in S. half; dig pits 18x10x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
- 43.75 Wash, 10 lks. wide, course NNW., asc. grad.
- 62.00 Ridge, brs. NE. & SW. desc.

Chains.

68.00 Wash, 10 lks. wide, course SSW., Asc. in same wash.

78.00 Leave wash to N., asc.

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

Land, rolling,

Soil, 3rd rate, gravelly.

Sparse sage brush, scrub oak, cacti. Good native grass.

N. 0° 3' W., bet. secs. 5 & 6, on a random line.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. Bdy. of Tp. 2 1/2 lks. E. of cor. of secs. 5,6,31 & 32, recently re-estab. by line & described in Book 7, whence I run

S. 0° 4' E., on a true line, bet. secs. 5 & 6.

Over rolling, hilly land.

22.50 Wash, 20 lks. wide, course W., asc.

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 6 in W., and

S 5 in E. half;

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

59.00 Top of ridge, brs. WSW. & ENE., desc.

78.00 Wash, 10 lks. wide, course WSW., asc.

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

Land, mts.,

Soil, 3rd rate, stony, gravelly.

Sparse cedar, scrub oak, cacti. Good native grass.

Feb. 9, 1912.

Jesse B. Wright

U. S. Surveyor.

--General Description.--

T. 21 N., R. 14 W. is rolling and broken in the southern part and hilly and ~~mountainous~~ in the northern part.

The soil is in general a granite gravel, loose and sandy in the larger valleys of main washes, and is covered throughout the greater part of the Tp. with a fair growth of native grass.

There is no water in the Tp. There is considerable cedar in parts of the Tp., but nothing of any timber value.

The mountains in the northern part of the Tp. show slight indications of mineral in places.

There are no settlers in the township.

Jesse B. Wright

William H. Elliott

U. S. Surveyors.

137

Subdivisions Group 13
for CERTIFICATE OF ASSISTANTS. to
JESSE B. WRIGHT, U.S. Surveyor See Book "V"
WILLIAM H. ELLIOTT, " " " " " " "X"

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 direc-
tion; 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.

BOOK 2444

Subdivisions Group 13
for FINAL OATH OF UNITED STATES SURVEYOR.

JESSE B. WRIGHT, See Book "V"
WILLIAM H. ELLIOTT, " " "X"

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 21 North, R. 14 West

Gila & Salt River Base & Meridian

Arizona

executed by Jesse B. Wright & William H. Elliott, U.S. Surveyors
under ^{their} special instructions ^{for Group 13}, 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 S. Galloway
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.