

2433

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Book "O"

BOOK 2433

# FIELD NOTES

OF THE SURVEY OF THE

.....

Subdivisional lines in

Fractional Township 24 North, Range 6 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 February 5, 1912,

issued by the United States Surveyor General to govern surveys included in

Group No. 16, which were approved by the Commissioner of the General Land

Office, March 1, 1912, pursuant to authority contained in the Act of

Congress dated June 25, 1910.

Survey commenced April 20, 1912, 191

Survey completed April 23, 1912, 191

1A 56

BOOK 2433

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Fractional Township 24 North Range 6 West  
6th Standard Parallel North

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## Chains.

Survey commenced April 20, 1912, and executed jointly by Jesse B. Wright, and William H. Elliott, U.S. Surveyors, Wright using instrument No. 8145, and Elliott using instrument No. 8480, both being light mountain transits made by Young & Sons, with Smith's patent solar attachments on side.

The plates of the instruments reading to single minutes of arc by two double verniers on each placed opposite to each other, which is also the least reading of the verniers of the latitude and declination arcs.

We examine and test all the adjustments of the transits and solar attachments, and finding same correct; then, in order to test the solar apparatus 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 Polaris observation we proceed as follows: -

At 4h p.m., l.m.t., at our camp, which is situated near the centre of T. 24 N., R. 6 W., in lat.  $35^{\circ}28'$  N., we set off  $11^{\circ}40\frac{1}{2}'$  N. on the decl. arcs, and  $35^{\circ}28'$  N. on the lat. arcs, and determine meridians with the solars, with our instruments on the same N. & S. line, and mark the meridians thus determined by two tacks driven in a stake firmly driven in the ground 5 chs. N. of our station, these two points being about .60 ins. apart, showing a difference of about  $30''$  in the alinement for meridians of the two instruments, these points noted as W1 and H1 resp. April 20, 1912.

April 21, 1912.

At 5h 35m a.m., l.m.t., we observe Polaris at Eastern 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.

At 7h 30m a.m., l.m.t., we set off the azimuth of Polaris  $1^{\circ}25\frac{1}{2}'$  to the West, and mark the true meridian thus determined by a tack in the stake 5 chs. N. of our station, which point falls about .30 ins. E. & W. respectively of the points in the meridians as determined by the solars of instruments Nos. 8145 and 8480 on preceding afternoon.

Then we set off  $11^{\circ}53\frac{1}{2}'$  N. on the declination arcs, and  $35^{\circ}28'$  N. on the latitude arcs, and determine meridians with the solars, and mark the lines or meridians thus determined by two tacks driven in the stake 5 chs. N. of our station, the points being noted as W2 and H2, respectively for instruments Nos. 8145 and 8480, and being about .20 ins. E., and .20 ins. W. of the point in the true meridian as determined by observation of Polaris.

Instrument No. 8145 defines positions for meridians about  $30''$  W., and  $10''$  E. resp. of the true mer. as determined by observation of Polaris; by p.m. & a.m. observations.

Instrument No. 8480 defines positions for meridians about  $30''$  E., and  $10''$  W. resp. of the true mer. as determined by observation of Polaris; by p.m. & a.m. observations. These small errors being no greater than the usual personal errors of observation, we conclude that the instruments are in satisfactory adjustment.

The magnetic bearing of the true meridian at 7h 30m a.m. is N.  $15^{\circ}45'$  W.; the angle thus determined gives the magnetic declination as  $15^{\circ}45'$  E.

Wright proceeds to the SE. cor. of the Tp. to begin the survey of the East bdy. thereof.

Elliott proceeds to the cor. of secs. 1, 2, 35 & 36, on the South bdy. of the Tp. to begin the subdivision of the Tp.

## Chains.

- April 21, 1912. W.H.E.  
 At 9h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36,  
 on the South bdy. of the Tp., which is a malpais stone  
 10x6x5 ins. above ground, marked and witnessed as  
 described by the Surveyor-General, lat.  $35^{\circ}25'15''$  N.,  
 long.  $112^{\circ}52'59''$  W.,  
 I set off  $35^{\circ}25'$  N. on the lat. arc, and  $11^{\circ}54\frac{1}{2}'$  N. on the  
 decl. arc, and determine a meridian with the solar.  
 Thence I run, as per instructions,  
 N.  $0^{\circ}1'$  W., bet. secs. 35 & 36.  
 Var.  $15^{\circ}50'$  E.  
 Over mts. broken land, desc.  
 .80 Malpais rim, brs. E. & W., desc. abruptly.  
 8.70 Gulch, 3 chs. wide, course E., asc.  
 16.00 Top of rocky spur, brs. SE. & NW., desc.  
 27.00 Drain, 10 lks. wide, course SE. asc.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 35 in W., and  
 $\frac{1}{4}$  S 36 in E. half; from which,  
 A cedar tree 6 ins. diam. brs.  $S.82\frac{1}{2}^{\circ}E.$  173 lks. dist.,  
 marked  $\frac{1}{4}$  S 36 B T.  
 A cedar tree 6 ins. diam. brs.  $S.8^{\circ}W.$  171 lks. dist.,  
 marked  $\frac{1}{4}$  S 35 B T.  
 43.00 Top of rise, brs. NNE. & SSW., desc. 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. 25, 26, 35 & 36, marked on  
 brass cap, T 24 N R 6 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.  $N.25\frac{1}{2}^{\circ}E.$  191 lks. dist.,  
 marked T 24 N R 6 W S 25 B T.  
 A cedar tree 6 ins. diam. brs.  $S.66\frac{1}{2}^{\circ}E.$  150 lks. dist.,  
 marked T 24 N R 6 W S 36 B T.  
 A cedar tree 8 ins. diam. brs.  $S.57\frac{1}{2}^{\circ}W.$  100 lks. dist.,  
 marked T 24 N R 6 W S 35 B T.  
 A cedar tree 7 ins. diam. brs.  $N.20^{\circ}W.$  151 lks. dist.,  
 marked T 24 N R 6 W S 26 B T.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, stony, dry.  
 Cedar, few pinons, cacti, fair grazing.
- N.  $89^{\circ}58'$  E., on a random line, bet. secs. 25 & 36.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.26 Intersect East bdy. of Tp. 37 lks. N. of cor. of <sup>in Book 5,</sup>  
 secs. 25, 30, 31 & 36, recently estab. & described by J.B. Wright, whence I run,  
 N.  $89^{\circ}46'$  W., on a true line, bet. secs. 25 & 36.  
 Over mts. land, asc.  
 8.00 Top of ridge, brs. NE. & SW., desc.  
 14.50 Drain, 10 lks. wide, course NE., asc.  
 30.00 Top of ridge, brs. NE. & SW., desc.  
 40.13 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  
 $\frac{1}{4}$  S 36 in S. half; from which,  
 A cedar tree 6 ins. diam. brs.  $N.28\frac{1}{2}^{\circ}W.$  130 lks. dist.,  
 marked  $\frac{1}{4}$  S 25 B T.  
 A cedar tree 6 ins. diam. brs.  $S.34^{\circ}W.$  161 lks. dist.,  
 marked  $\frac{1}{4}$  S 36 B T.  
 54.25 Wash, 10 lks. wide, course NE., asc.  
 72.00 Ridge, brs. NE. & SW., desc.  
 80.26 To cor. of secs. 25, 26, 35 & 36. ~~hereinafter described~~  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, loose, dry.  
 Sparse cedar, pinon, fair grass.  
 At this cor., at noon, I set off  $11^{\circ}56\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}26'$  N.

Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains.

- N. 0° 1' W., bet. secs. 25 & 26.  
Over rough, broken, mts. land, desc.
- 4.00 Canyon, 50 lks. wide, course ESE., from W. asc. prec.
- 26.00 Top of spur, brs. NW. & SE., desc. ENE. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 26 in W., and  
S 25 in E. half; from which,  
A cedar tree 10 ins. diam. brs. N. 82 $\frac{1}{2}$ ° E. 46 lks. dist., marked  $\frac{1}{4}$  S 25 B T.  
A cedar tree 15 ins. diam. brs. S. 31° W. 66 lks. dist., marked  $\frac{1}{4}$  S 26 B T.
- 42.00 Head of canyon, course E., asc.
- 56.00 Draw, 2 chs. wide, course ENE., asc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25, & 26, marked on brass cap, T 24 N R 6 W, in N. half,  
S 23 in NW.,  
S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quad.; from which,  
A cedar tree 8 ins. diam. brs. N. 10 $\frac{1}{2}$ ° E. 239 lks. dist., marked T 24 N R 6 W S 24 B T.  
A cedar tree 30 ins. diam. brs. S. 34° W. 127 lks. dist., marked T 24 N R 6 W S 26 B T.  
A cedar tree 15 ins. diam. brs. N. 83 $\frac{1}{2}$ ° W. 283 lks. dist., marked T 24 N R 6 W S 23 B T.  
No other trees available.  
Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.  
Land, broken, mts.  
Soil, 3rd rate, stony, gravelly, loose, dry.  
Sparse cedar, scrub oak, good grass.
- 
- S. 89° 46' E., on a random line, bet. secs. 24 & 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.24 Intersect East bdy. of Tp. at cor. of secs. 19, 24, 25 & 30, ~~recently estab. & described by J. B. Wright, in Book 5, whence I run~~  
N. 89° 46' W., on a true line, bet. secs. 24 & 25.  
Over mts. land, asc. NE. slope.
- 30.00 Top of rise, near N. end of spur, desc. NW. slope.
- 40.12 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 24 in N., and  
S 25 in S. half; from which,  
A cedar tree 14 ins. diam. brs. N. 49° W. 159 lks. dist., marked  $\frac{1}{4}$  S 24 B T.  
A cedar tree 16 ins. diam. brs. S. 74° W. 283 lks. dist., marked  $\frac{1}{4}$  S 25 B T.
- 50.00 Draw, 2 chs. wide, wash in draw, 40 lks. wide, course NE.
- 80.24 To cor. of secs. 23, 24, 25 & 26, hereinbefore described.  
Land, broken, mts.  
Soil, 3rd rate, gravelly, stony, dry.  
Sparse cedar, pinon, scrub oak, fair grass.

April 21, 1912.

Chains.

April 22, 1912. W.H.E.  
hereinafter described

At 8h a.m., l.m.t., at the cor. of secs. 23, 24, 25 & 26,  
I set off  $12^{\circ}14'$  N. on the decl. arc, and  $35^{\circ}27'$  N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ}1'$  W., bet. secs. 23 & 24.  
Over broken, mts. land, desc. through scattering cedar.

22.00 Draw, 1 ch. wide, course ENE., asc.  
30.00 Top of low spur, brs. E. & W., desc.  
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in W., and  
S 24 in E. half; No trees available,  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

40.50 Wash, 20 lks. wide, course E., asc. grad.  
58.00 Top of rise, brs. E. & W., desc. grad.  
67.00 Head of gulch, 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. 13, 14, 23 & 24, marked on  
brass cap, T 24 N R 6 W, in N. half,  
S 14 in NW.,  
S 13 in NE.,  
S 24 in SE., and  
S 23 in SW. quad.; from which,  
A cedar tree 6 ins. diam. brs. N.  $43^{\circ}$  E. 33 lks. dist.,  
marked T 24 N R 6 W S 13 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, sandy, gravelly, stony.  
Sparse cedar, pinon, scrub oak, good grazing.

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S.  $89^{\circ}46'$  E., on a random line, bet. secs. 13 & 24.

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

80.20 Intersect East bdy. of Tp. 24 lks. N. of cor. of (I run  
secs. 13, 18, 19 & 24, recently estab. by J.B.W. & described in Book 5, whence

N.  $89^{\circ}45'$  W., on a true line, bet. secs. 13 & 24.  
Over mts. land, desc. along N. slope of spur, through  
scattering cedar.

13.95 Road, brs. N. & S. turns to NE., passes tank to NE.  
15.50 Chino Wash, 150 lks. wide, course S., asc.  
28.00 Top of ridge, brs. N. & S., desc.  
40.10 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 13 in N., and  
S 24 in S. half; no trees available,  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

63.00 Wash, 10 lks. wide, course SE.  
64.05 Road, brs. NW. & SE., asc.  
80.20 To cor. of secs. 13, 14, 23 & 24.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, stony.  
Sparse cedar, pinon, scrub oak, cacti, good grass.  
At this cor., at noon, I set off  $12^{\circ}16\frac{1}{2}'$  N. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is  $35^{\circ}28'$  N. W.H.E.

Fractional  
Subdivision of T. 24 N., R. 6 W.

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Chains.	J.B.W.
April 22, 1912.	<del>hereinbefore described</del>
	At 1h 30m p.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,
	I set off 12° 18' N. on the decl. arc, and 35° 28' N. on the lat. arc, and determine a meridian with the solar.
	Thence I run,
	N. 0° 1' W., bet. secs. 13 & 14.
	Over mts. broken land, asc. grad. through scattering cedar.
10.00	Spur, brs. E. & W., desc. NE. slope.
24.00	Wash, 10 lks. wide, course E., asc.
34.00	Spur, brs. E. & W., desc. along NNE. 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 14 in W., and
	S 13 in E. half; no trees available,
	dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
	raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base,
	$1\frac{1}{2}$ ft. high W. of cor.
44.00	Draw, 6 chs. wide, course SE.
50.84	Road, brs. NW. & SE., asc.
54.00	Top of rise, malpais mesa, brs. WNW. & ESE., very stony.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 & 14, marked on brass cap, T 24 N R 6 W, in N. half,
	S 11 in NW.,
	S 12 in NE.,
	S 13 in SE., and
	S 14 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, broken, mts., mesa.
	Soil, 3rd rate, gravelly, stiff, heavy, stony.
	Sparse cedar, pinon, scrub oak, good grass.
	S. 89° 45' E., on a random line, bet. secs. 12 & 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect East bdy. of Tp. at cor. of secs. 7, 12, 13 & 18, recently estab <del>l</del> described by me, in Book 5, whence I run,
	N. 89° 45' W., on a true line, bet. secs. 12 & 13.
	Over mts., broken land, desc. along SW. slope.
7.00	Gulch, 50 lks. wide, course SSE., Chino Wash. ascend.
10.00	Top of rise, brs. NNW. & SSE., thence over rolling land.
40.10	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 12 in N., and
	S 13 in S. half; no bearings available.
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
65.00	Gulch, 30 ft. deep, 50 lks. wide, course S.
80.20	To cor. of secs. 11, 12, 13 & 14. <del>hereinbefore described</del>
	Land, mts., broken, rolling.
	Soil, 3rd rate, gravelly, stony, stiff, heavy.
	Sparse cedar, scrub oak, cacti, fair grass.
	April 22, 1912. J.B.W.

Chains.	
	April 23, 1912. <span style="float: right;">(hereinafter described)</span>
	At 8h a.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14, I set off $12^{\circ}34'$ N. on the decl. arc, and $35^{\circ}29'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}1'$ W., bet. secs. 11 & 12. Over rolling land.
7.75	Road, brs. NNE. & SSW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 11 in W., and S 12 in E. half; no trees available, raise a mound of stone 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. 1, 2, 11 & 12, marked on brass cap, T 24 N R 6 W, in N. half, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quad.; no bearings available, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, heavy, stony. Few cedars, sparse grass.
	S. $89^{\circ}45'$ E., on a random line, bet. secs. 1 & 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect East bdy. of Tp. 14 lks. S. of cor. of <u>in Book 5</u> secs. 1, 6, 7 & 12, recently estab. a, described by me, whence I run, N. $89^{\circ}51'$ W., on a true line, bet. secs. 1 & 12. Over heavily rolling land, desc. grad.
32.00	Canyon, 300 lks. wide, course SSE., Chino wash.
40.05	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
65.00	Road, brs. SE. & NW.
80.10	To cor. of secs. 1, 2, 11 & 12. <u>hereinafter described</u> Land, rolling, Soil, 3rd rate, gravelly, stony, heavy. Sparse scrub oak, few cedars, fair grass.
	N. $0^{\circ}1'$ W., bet. secs. 1 & 2. Over rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 2 in W., and $\frac{1}{4}$ S 3 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
55.64	Road, brs. NNW. & SSE.
66.00	Desc. N. slope of mesa, brs. WNW. & ESE.
72.00	Draw, 6 chs. wide, course ESE.
82.38	Road, brs. NE. & SW., asc.
87.92	Intersect 6th Standard Parallel North, at a point whence, Std. cor. of secs. 35 & 36, T. 25 N., R. 6 W., brs. East, 20.27 chs. dist., 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. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 1 & 2, marked on brass cap, C C, S. of centre, T 25 N R 6 W, S 35, S 36, in N. half, S 1 in SE., and S 2 in SW. quad.; dig pits 24x18x12 ins., crosswise on each line, E. & W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high S. of cor. Land, rolling. Soil, 3rd rate, gravelly, stony, heavy. Few cedars, scrub oak, fair grass. At this cor., at noon, I set off $12^{\circ}37'$ N. on the lat. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ}30\frac{1}{2}'$ N.



Chains.	<p>April 22, 1912. <span style="float: right;">W.H.E.</span></p> <p>At 1h p.m., l.m.t., at the cor. of secs. 2, 3, 34 &amp; 35, on the South bdy. of the Tp., which is a malpais stone 8x8x6 ins. above ground, marked and witnessed as described by the Surveyor-General,</p> <p>I set off 12°18' N. on the decl. arc, and 35°25' N. on the lat. arc, and determine a meridian with the solar.</p> <p>Thence I run,</p> <p>N. 0° 1' W., bet. secs. 34 &amp; 35.</p> <p>Over mts. land, desc. grad. along <del>Edge of mesa.</del></p> <p>38.00 Wash, 10 lks. wide, course WNW., asc.</p> <p>40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> S 34 in W., and</p> <p style="padding-left: 40px;">S 35 in E. half; from which,</p> <p style="padding-left: 40px;">A cedar tree 7 ins. diam. brs. S. 54<math>\frac{1}{2}</math>° E. 112 lks. dist., marked <math>\frac{1}{4}</math> S 35 B T.</p> <p style="padding-left: 40px;">A cedar tree 8 ins. diam. brs. S. 41° W. 100 lks. dist., marked <math>\frac{1}{4}</math> S 34 B T.</p> <p>45.00 Top of rise, brs. W. &amp; E., desc.</p> <p>59.20 Wash, 35 lks. wide, course NE., asc.</p> <p>70.00 Spur, brs. NE. &amp; SW., desc.</p> <p>74.20 Wash, 20 lks. wide, course E., heads at rim-rock 8 chs. to WSW. asc.</p> <p>78.00 Rim, brs. NE. &amp; SW. asc. grad.</p> <p>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 &amp; 35, marked on brass cap, T 24 N R 6 W, in N. half,</p> <p style="padding-left: 40px;">S 27 in NW.,</p> <p style="padding-left: 40px;">S 26 in NE.,</p> <p style="padding-left: 40px;">S 35 in SE., and</p> <p style="padding-left: 40px;">S 34 in SW. quad.; from which,</p> <p style="padding-left: 40px;">A cedar tree 12 ins. diam. brs. N. 81<math>\frac{3}{4}</math>° E. 64 lks. dist., marked T 24 N R 6 W S 26 B T.</p> <p style="padding-left: 40px;">A cedar tree 8 ins. diam. brs. S. 40<math>\frac{1}{2}</math>° E. 64 lks. dist., marked T 24 N R 6 W S 35 B T.</p> <p style="padding-left: 40px;">A cedar tree 6 ins. diam. brs. S. 43° W. 52 lks. dist., marked T 24 N R 6 W S 34 B T.</p> <p style="padding-left: 40px;">A cedar tree 10 ins. diam. brs. N. 70<math>\frac{1}{2}</math>° W. 61 lks. dist., marked T 24 N R 6 W S 27 B T.</p> <p>Land, mts., broken.</p> <p>Soil, 3rd rate, stony, gravelly, dry.</p> <p>Cedar, pinon, scrub oak, fair grass.</p> <hr/> <p>N. 89°58' E., on a random line, bet. secs. 26 &amp; 35.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>79.98 Intersect N. &amp; S. line 26 lks. N. of cor. of secs. 25, 26, 35 &amp; 36, <del>hereinbefore described</del>, whence I run N. 89°51' W., on a true line, bet. secs. 26 &amp; 35.</p> <p>Over mts., broken land, desc. NW. slope of ridge, through scattering cedar.</p> <p>2.50 Wash, 10 lks. wide, course N., asc.</p> <p>20.00 Top of N. End of spur, brs. N. &amp; S., desc.</p> <p>36.60 Wash, 30 lks. wide, course NE., asc. along SSE. slope.</p> <p>39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> S 26 in N., and</p> <p style="padding-left: 40px;">S 35 in S. half; from which,</p> <p style="padding-left: 40px;">A cedar tree 6 ins. diam. brs. S. 23<math>\frac{1}{2}</math>° E. 118 lks. dist., marked <math>\frac{1}{4}</math> S 35 B T.</p> <p style="padding-left: 40px;">A cedar tree 7 ins. diam. brs. N. 31<math>\frac{1}{2}</math>° E. 163 lks. dist., marked <math>\frac{1}{4}</math> S 26 B T.</p> <p>76.70 Rim, brs. NE. &amp; SW.</p> <p>79.98 To cor. of secs. 26, 27, 34 &amp; 35, <del>hereinbefore</del> described.</p> <p>Land, mts., broken.</p> <p>Soil, 3rd rate, gravelly, stony, heavy, dry.</p> <p>Cedar, few pinons, scrub oak, cacti, fair grass.</p> <p style="text-align: right;">April 22, 1912.</p> <p style="text-align: right;">W.H.E.</p>
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Chains.	
	<p>April, 23, 1912. <span style="float: right;">(hereinbefore described)</span>            At 8h a.m., l.m.t., at the cor. of secs. 26, 27, 34 &amp; 35,            I set off <math>12^{\circ}34'</math> N. on the decl. arc, and <math>35^{\circ}26'</math> N. on            the lat. arc, and determine a meridian with the solar.            Thence I run,            N. <math>0^{\circ}1'</math> W., bet. secs. 26 &amp; 27.            Over mts. land, asc. grad., through dense cedar.</p>
14.00	<p>Top of rise, brs. N. <math>10^{\circ}</math> E., thence along W. side of ridge,            near top, leave cedar, brs. NE. &amp; SW.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in            the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 27 in W., and            S 26 in E. half;            raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in            the ground for cor. of secs. 22, 23, 26 &amp; 27, marked on            brass cap, T 24 N R 6 W, in N. half,            S 22 in NW.,            S 23 in NE.,            S 26 in SE., and            S 27 in SW. quad.; from which,            A cedar tree 8 ins. diam. brs. N. <math>36\frac{1}{2}^{\circ}</math> E. 59 lks. dist.,            marked T 24 N R 6 W S 23 B T.            No other trees available, pits impracticable.            Raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.            Land, mts. Soil, 3rd rate, gravelly, stony, dry.            Cedar, pinon, scrub oak, cacti, fair grass.</p>
	<p>S. <math>89^{\circ}51'</math> E., on a random line, bet. secs. 23 &amp; 26.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.04	<p>Intersect N. &amp; S. line 2 lks. S. of cor. of            secs. 23, 24, 25 &amp; 26, <del>hereinbefore described</del>, whence I run            N. <math>89^{\circ}52'</math> W., on a true line, bet. secs. 23 &amp; 26.            Over mts. land, asc. grad., through scattering cedar.</p>
40.02	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in            the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 23 in N., and            S 26 in S. half;            raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.            Continue to ascend.</p>
75.00	<p>Top of ridge, brs. N. &amp; S.</p>
80.04	<p>To cor. of secs. 22, 23, 26 &amp; 27, hereinbefore described.            Land, mts.            Soil, 3rd rate, gravelly, stony.            Cedar, few pinons, scrub oak, cacti, good grass.            At this cor., at noon, I set off <math>12^{\circ}37'</math> N. on the decl.            arc, and observe the sun on the meridian.            The resulting lat. is <math>35^{\circ}27'</math> N.</p>

Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains.

- N. 0° 0' W., bet. secs. 22 & 23.  
Over mts. land, desc. grad., on ridge, through scattering cedar.
- 26.00 Wash, 30 lks. wide, course NE., asc.
- 37.00 Ridge, brs. NE. & SW., desc.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 22 in W., and S 23 in E. half; from which,  
A cedar tree 8 ins. diam. brs. S. 41° W. 16 lks. dist., marked  $\frac{1}{4}$  S 22 B T.  
A cedar tree 6 ins. diam. brs. S. 68 $\frac{1}{2}$ ° E. 84 lks. dist., marked  $\frac{1}{4}$  S 23 B T.
- 58.45 Wash, 20 lks. wide, course NE., asc.
- 64.00 Spur, brs. NE. & SW., desc.
- 70.30 Wash, 10 lks. wide, course NE., asc.
- 74.00 Spur, brs. NE. & SW., desc.
- 78.00 Head of drain, course ENE., asc.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap, T 24 N R 6 W, in N. half,  
S 15 in NW.,  
S 14 in NE.,  
S 23 in SE., and  
S 22 in SW. quad.;  
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, stony, heavy.  
Sparse cedar, pinon, cacti, scrub oak, good grass.

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- S. 89° 52' E., on a random line, bet. secs. 14 & 23.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. & S. line 2 lks. S. of cor. of secs. 13, 14, 23 & 24, ~~marked~~ whence I run, N. 89° 53' W., on a true line, bet. secs. 14 & 23.  
Over mts. land, asc. grad., through scattering cedar.
- 28.00 Top of ridge, brs. NE. & SW., desc. steeper on W. side.
- 36.35 Draw, 50 lks. wide, course NE., asc.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 14 in N., and S 23 in S. half; from which,  
A cedar tree 10 ins. diam. brs. N. 33° W. 245 lks. dist., marked  $\frac{1}{4}$  S 14 B T.  
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.
- 47.00 Top of ridge, brs. NE. & SW., desc.
- 77.00 Wash, 10 lks. wide, course NE., asc.
- 80.02 To cor. of secs. 14, 15, 22 & 23. ~~herebefore~~ described  
Land, mts., broken.  
Soil, 3rd rate, gravelly, stony, heavy.  
Cedar, few pinons, cacti, scrub oak, good grass.  
April 23, 1912. W.H.E.

Chains.

April 23, 1912. ~~hereinbefore~~ described

At 2h 30m p.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23,  
I set off  $12^{\circ}39'$  N. on the decl. arc, and  $35^{\circ}28'$  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 mts. land, asc. SE. slope of ridge, through  
scattering cedar.

- 8.00 Top of ridge, brs. NE. & SW., desc.  
14.25 Wash, 10 lks. wide, course NE., asc.  
28.50 Ridge, brs. NE. & SW., desc.  
36.25 Wash, 20 lks. wide, course NE., asc.  
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 15 in W., and  
S 14 in E. half; from which,  
A cedar tree 7 ins. diam. brs. N.  $17^{\circ}$  E. 20 lks. dist.,  
marked  $\frac{1}{4}$  S 14 B T.  
A cedar tree 6 ins. diam. brs. N.  $56^{\circ}$  W. 163 lks. dist.,  
marked  $\frac{1}{4}$  S 15 B T.
- 47.00 Ridge, brs. NE. & SW., desc.  
64.00 Wash, 20 lks. wide, course NE., asc.  
76.00 Ridge, brs. NE. & SW., desc. leave cedar, 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. 10, 11, 14 & 15, marked on  
brass cap, T 24 N, R 6 W, in N. half,  
S 10 in NW.,  
S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quad.;
- dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, broken, mts.  
Soil, 3rd rate, gravelly, stony, heavy.  
Cedar, few ~~scattered~~, ~~scattered~~ k, cacti, good grass.

April 23, 1912.

J. B. W.

April 24, 1912. ~~hereinbefore~~ described

At 8h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,  
I set off  $12^{\circ}54'$  N. on the decl. arc, and  $35^{\circ}29'$  N. on  
the lat. arc, and determine a meridian with the solar.

Thence I run,

S.  $89^{\circ}53'$  E., on a random line, bet. secs. 11 & 14.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. & S. line 7 lks. N. of cor. of  
secs. 11, 12, 13 & 14, whence I run,  
N.  $89^{\circ}53'$  W. ~~on a~~ true line, bet. secs. 11 & 14.  
Over heavily rolling land.
- 2.30 Road, brs. NE. & SW.  
15.00 Wash, 10 lks. wide, course S., asc.  
19.00 Low flat spur, brs. S. & N., desc.  
30.00 Enter draw, 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 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.
- 48.00 Wash, 50 lks. wide, course SE.  
63.00 Leave draw, course SE., asc.  
76.00 Spur, brs. N. & S., desc.  
80.04 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore~~ described.  
Land, rolling, mts.  
Soil, 3rd rate, gravelly, stony.  
Few cedars, cacti, scrub oak, fair grass.

Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains

N. 0° 1' W., bet. secs. 10 & 11.  
 Over heavily rolling land, desc. through sparse cedar.  
 7.00 Enter draw, course SE.  
 22.50 Wash, 30 lks. wide, in draw, course SE.  
 29.00 Leave draw, asc. grad.  
 38.00 Top of rise, brs. SE. & NW.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in E., and  
 S 10 in W. half; from which,  
 A cedar tree 6 ins. diam. brs. S. 82° E. 167 lks. dist.,  
 marked  $\frac{1}{4}$  S 11 B T.  
 A cedar tree 6 ins. diam. brs. N. 40 $\frac{1}{2}$ ° W. 186 lks. dist.,  
 marked  $\frac{1}{4}$  S 10 B T.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 2, 3, 10 & 11, marked on  
 brass cap, T 24 N R 6 W, in N. half,  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quad.; from which,  
 A cedar tree 6 ins. diam. brs. S. 24 $\frac{1}{2}$ ° W. 173 lks. dist.,  
 marked T 24 N R 6 W S 10 B T.  
 A cedar tree 12 ins. diam. brs. N. 70 $\frac{1}{2}$ ° W. 254 lks. dist.,  
 marked T 24 N R 6 W S 3 B T.  
 No other trees available. Pits impracticable.  
 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, Soil, 3rd rate, gravelly, stony, heavy.  
 Sparse cedar, pinon, scrub oak, cacti, good grass.

S. 89° 50' E., on a random line, bet. secs. 2 & 11.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line 12 lks. N. of cor. of  
 secs. 1, 2, 11 & 12, ~~hereinbefore described~~, whence I run  
 N. 89° 45' W., on a true line, bet. secs. 2 & 11.  
 Over rolling 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 2 in N., and  
 S 11 in S. half;  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 At this cor. at noon, clouds obscure the sun.  
 Impracticable to observe the latitude.  
 80.02 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore~~ described.  
 Land, rolling. Soil, 3rd rate, gravelly, heavy, dry.  
 Few cedars, cacti, good grass.

N. 0° 1' W., bet. secs. 2 & 3.  
 Over rolling land, through sparse 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 3 in W., and  
 S 2 in E. half; no trees in limits,  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 79.10 Wire fence, brs. ENE. & WSW., enter pasture of Adamson.  
 87.39 Intersect 6th Std. Par. N. at a point whence  
 Std. cor. of secs. 34 & 35, T. 25 N., R. 6 W., brs. East, 20.30  
 chs. dist., 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.  
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for closing cor. of secs. 2 & 3, marked on  
 brass cap, C C, S. of centre,  
 T 25 N R 6 W, S 34, S 35, in N. half,  
 S 2 in SE., and S 3 in SW. quad.; from which,  
 A cedar tree 12 ins. diam. brs. S. 83 $\frac{3}{4}$ ° E. 140 lks. dist.,  
 marked T 24 N R 6 W S 2 C C B T.  
 A cedar tree 12 ins. diam. brs. S. 49 $\frac{1}{2}$ ° W. 110 lks. dist.,  
 marked T 24 N R 6 W S 3 C C B T.  
 Land, rolling. Soil, 3rd rate, gravelly, heavy, dry.  
 Sparse cedar, cacti, scrub oak, good grass.  
 April 24, 1912. J.B.W.

Chains	W.H.E.
	<p>April 24, 1912. At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 &amp; 34, on the S. bdy. of the Tp., which is a limestone 10x8x5 ins. above ground, marked and witnessed as described by the Surveyor-General, I set off 12°54' N. on the decl. arc, and 35°25' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 2' W., bet. secs. 33 &amp; 34. Over mts. land, asc. along SE. slope of ridge, through scattering cedar and juniper.</p>
28.00	Top of rise, brs. E. & W., 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 33 in W., and S 34 in E. half; from which, A juniper tree 16 ins. diam. brs. N. 24 $\frac{3}{4}$ ° E. 95 lks. dist., marked $\frac{1}{4}$ S 34 B T. A juniper tree 8 ins. diam. brs. N. 30 $\frac{1}{2}$ ° W. 65 lks. dist., marked $\frac{1}{4}$ S 33 B T.
43.50	Wash, 20 lks. wide, in draw, 4 chs. wide, course E., asc.
66.00	Top of ridge, brs. NE. & SW., desc. grad.
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 24 N R 6 W, in N. half, S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. No trees available. Pits impracticable. Land, mts., broken. Soil, 3rd rate, gravelly, dry. Cedar, juniper, scrub oak, cacti, good grass.
	<del>hereinbefore described</del>
	N. 89°58' E., on a random line, bet. secs. 27 & 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line 12 lks. N. of cor. of secs. 26, 27, 34 & 35, <del>hereinbefore described</del> , whence I run N. 89°57' W., on a true line, bet. secs. 27 & 34. Over mts. land, asc. grad., through dense cedar.
2.75	Leave cedar, brs. N. & S.
40.07	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 27 in N., and S 34 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
80.14	To cor. of secs. 27, 28, 33 & 34, <del>hereinbefore described</del> . Land, rolling, mts. Soil, 3rd rate, stony, gravelly. Cedar, few junipers, scrub oak, cacti, fair grass. At this cor., at noon, clouds obscure the sun, Impracticable to observe the latitude.
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	N. 0° 2' W., bet. secs. 27 & 28. Over heavily rolling land, desc. grad.
2.00	Draw, 2 chs. wide, course NE. near head, asc. grad. along E. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 28 in W., and S 27 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
50.00	Top of flat ridge, brs. N. 5° W. & S. 5° E. Desc. ENE. 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 24 N R 6 W, in N. half, S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly. Good grazing.

Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains.

S. 89°57' E., on a random line, bet. secs. 22 & 27.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. & S. line 5 lks. S. of cor. of  
secs. 22, 23, 26 & 27, ~~hereinbefore described~~, whence I run  
N. 89°59' W., on a true line, bet. secs. 22 & 27.  
Over mts. land, desc. along W. slope of ridge.

8.50 Wash, 10 lks. wide, course NE., asc. grad.

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 22 in N., and  
S 27 in S. half;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.

80.12 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.  
Land, mts., broken.  
Soil, 3rd rate, gravelly, stony.  
Few cedars, cacti, good grass.

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N. 0° 2' W., bet. secs. 21 & 22.  
Over mts. land, along W. slope of ridge, desc. grad.

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 21 in W., and  
S 22 in E. half;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

47.90 Wash, 10 lks. wide, course NE., tank in same 1 ch. to SW.

48.00 Asc.

52.00 Rim, brs. NE. & SW., cross level ridge, brs. NE. & SW.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 15, 16, 21 & 22, marked on  
brass cap, T 24 N R 6 W, in N. half,  
S 16 in NW.,  
S 15 in NE.,  
S 22 in SE., and  
S 21 in SW. quad.;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
Land, mts., rolling.  
Soil, 3rd rate, ~~gravelly, stony~~.  
Few cedars, sparse scrub oak, cacti, good grass.

April 24, 1912.  
W.H.E.

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April 25, 1912. J.B.W.  
At 8h a.m., l.m.t., at the <sup>above described</sup> cor. of secs. 15, 16, 21 & 22,  
I set off 13° 13 1/2' N. on the decl. arc, and 35° 28' N. on  
the lat. arc, and determine a meridian with the Solar.  
Thence I run,  
S. 89°59' E., on a random line, bet. secs. 15 & 22.

40.00 Set temp. 1/4 sec. cor. ~~hereinbefore described~~

80.04 Intersect cor. of secs. 14, 15, 22 & 23, whence I run,  
N. 89°59' W., on a true line, bet. secs. 15 & 22.  
Over mts. land, asc. SE. slope.

18.00 Top of ridge, brs. NE. & SW., desc.

36.00 Draw, 2 chs. wide, course NE., asc.

40.02 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 N., and  
S 22 in S. half;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.

72.00 Ridge, brs. NE. & SW., desc.

80.04 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.  
Land, mts., heavily rolling.  
Soil, 3rd rate, gravelly, stony.  
Few cedars, scrub oak, cacti. Good grass.

Chains.	
	N. $0^{\circ} 2'$ W., bet. secs. 15 & 16. Over mts. land, across level top of ridge.
5.00	Canyon 2 chs. wide, 50 ft. deep, course NE., asc. grad.
35.00	Flat ridge, brs. NE. & SW., 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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
56.50	Deep draw, 2 chs. wide, course NE., asc. grad.
65.00	Enter dense cedar, brs. NE. & SW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 9, 10, 15 & 16, marked on brass cap, T 24 N R 6 W, in N. half, S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quad.; from which, A cedar tree 14 ins. diam. brs. N. $85\frac{1}{4}^{\circ}$ E. 301 lks. dist., marked T 24 N R 6 W S 10 B T. A cedar tree 8 ins. diam. brs. S. $43^{\circ}$ E. 217 lks. dist., marked T 24 N R 6 W S 15 B T. A cedar tree 9 ins. diam. brs. S. $22^{\circ}$ W. 395 lks. dist., marked T 24 N R 6 W S 16 B T. A cedar tree 7 ins. diam. brs. N. $78^{\circ}$ W. 149 lks. dist., marked T 24 N R 6 W S 9 B T.
	Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry. Cedar, pinon, few junipers, scrub oak, good grass. At this cor., at noon, I set off $13^{\circ} 16\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $35^{\circ} 29'$ N.
	—
	S. $89^{\circ} 59'$ E., on a random line, bet. secs. 10 & 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. N. of cor. of secs. 10, 11, 14 & 15, <del>hereinbefore described</del> , whence I run N. $89^{\circ} 57'$ W., on a true line, bet. secs. 10 & 15. Over mts. land, asc.
6.00	Spur, brs. NE. & SW., desc.
21.00	Draw, 2 chs. wide, course NE., asc.
35.00	Ridge, brs. NE. & SW., desc.
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 10 in N., and S 15 in S. half; from which, A cedar tree 6 ins. diam. brs. S. $51\frac{1}{2}^{\circ}$ W. 329 lks. dist., marked $\frac{1}{4}$ S 15 B T. A cedar tree 16 ins. diam. brs. N. $67^{\circ}$ W. 91 lks. dist., marked $\frac{1}{4}$ S 10 B T.
45.00	Rim of canyon, brs. NE. & SW., desc. prec.
51.00	Middle of draw, in canyon, 4 chs. wide, course NE., asc.
59.50	Rim, brs. NE. & SW., thence on flat ridge.
61.00	Enter dense cedar, brs. NE. & SW.
80.02	To cor. of secs. 9, 10, 15 & 16, <del>hereinbefore described</del> . Land, mts., broken, rolling. Soil, 3rd rate, gravelly, stony. Cedar, pinon, few junipers, scrub oak, good grass.



Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains

N. 0° 2' W., bet. secs. 9 & 10.  
 Over mts. land, asc. SE. slope, through scattering cedar.

24.00 Top of ridge, brs. NE. & SW.; desc.

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

42.00 Drain 8 lks. wide, course NE., asc.

53.00 Top of spur, brs. NE. & SW., desc.

63.00 Wash, 10 lks. wide, in draw 2 chs. wide, course NE., enter rolling land.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 4, 9 & 10, marked on brass cap, T 24 N R 6 W, in N. half,  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW. quad.; from which,  
 A cedar tree 6 ins. diam. brs. N. 36 $\frac{1}{2}$ ° E. 263 lks. dist., marked T 24 N R 6 W S 3 B T.  
 A cedar tree 7 ins. diam. brs. S. 29 $\frac{1}{2}$ ° E. 243 lks. dist., marked T 24 N R 6 W S 10 B T.  
 A cedar tree 9 ins. diam. brs. S. 11 $\frac{1}{2}$ ° W. 288 lks. dist., marked T 24 N R 6 W S 9 B T.  
 A cedar tree 9 ins. diam. brs. N. 56° W. 291 lks. dist., marked T 24 N R 6 W S 4 B T.

Land, rolling, mts.  
 Soil, 3rd rate, gravelly, stony, dry, heavy.  
 Cedar, few pinons, junipers, cacti, scrub oak, good grass.  
 April 25, 1912. J.B.W.

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April 26, 1912. hereinbefore described  
 At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 9 & 10,  
 I set off 13° 32' N. on the decl. arc, and 35° 29 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 S. 89° 57' E., on a random line, bet. secs. 3 & 10.

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

80.06 Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11, hereinbefore described, whence I run  
 N. 89° 59' W., on a true line, bet. secs. 3 & 10.  
 Over rolling land, asc. grad., through dense cedar.

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 3 in N., and  
 S 10 in S. half; from which,  
 A cedar tree 16 ins. diam. brs. N. 64 $\frac{1}{2}$ ° W. 267 lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
 A cedar tree 7 ins. diam. brs. S. 32° E. 280 lks. dist., marked  $\frac{1}{4}$  S 10 B T.

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

54.00 Draw, 2 chs. wide, course SE., asc.

59.00 Spur, brs. SE. & NW., desc.

62.50 Drain, 10 lks. wide, course SE., asc.

68.00 Ridge, brs. SE. & NW., desc.

70.00 Foot of ridge, brs. SE. & NW., enter flat.

80.06 To cor. of secs. 3, 4, 9 & 10, hereinbefore described.  
 Land, mts., broken, rolling.  
 Soil, 3rd rate, gravelly, stony in places, heavy.  
 Cedar, few pinons, sparse cacti, scrub oak, good grass.

Chains.

N.  $0^{\circ} 2'$  W., bet. secs. 3 & 4.  
Over rolling land, through 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 4 in W., and  $\frac{1}{4}$  S 3 in E. half; No trees in limits, dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

55.00 Wash, 25 lks. wide, course SE.

87.33 Intersect Sixth Std. Parallel North at a point whence, Std. cor. of secs. 33 & 34, T 25 N R 6 W, brs. East, 20.42 chs. dist., 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.

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 3 & 4, marked on brass cap, C C, S. of centre, T 25 N R 6 W, S 33, S 34, in N. half, S 3 in SE., and S 4 in SW. quad.; from which,  
A cedar tree 12 ins. diam. brs. S.  $57\frac{1}{2}^{\circ}$  E. 262 lks. dist., marked T 24 N R 6 W S 3 C C B T.  
A cedar tree 8 ins. diam. brs. S.  $65\frac{1}{4}^{\circ}$  W. 73 lks. dist., marked T 24 N R 6 W S 4 C C B T.

Land, rolling.  
Soil, 3rd rate, gravelly, heavy, dry.  
Cedar, few pinons, scrub oak, cacti, good grass.  
At this cor., at noon, clouds obscure the sun, impracticable to observe the latitude.  
Cloudy and raining in afternoon of this day.

April 26, 1912.

J.B.W.

~~continued and~~

April 25, 1912.

W.H.E.

At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, on the South bdy. of the Tp., which is malpais stone 6x6x6 ins. above ground, marked and witnessed as described by the Surveyor-General,  
I set off  $13^{\circ} 13\frac{1}{2}'$  N. on the decl. arc, and  $35^{\circ} 25'$  N. on the lat. arc, and determine a meridian with the solar.  
Thence I run, ~~the line~~  
N.  $0^{\circ} 3'$  W., bet. secs. 32 & 33.  
Over mts. land, asc. S. slope, steep.

6.00 Top of steep ascent, asc. grad. through dense cedar, brs. E. & W.

12.00 Top of ridge, brs. E. & W.

39.00 Leave dense 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 32 in W., and  $\frac{1}{4}$  S 33 in E. half; from which,  
A cedar tree 15 ins. diam. brs. S.  $44^{\circ}$  E. 157 lks. dist., marked  $\frac{1}{4}$  S 33 B T.  
A cedar tree 25 ins. diam. brs. S.  $24^{\circ}$  W. 53 lks. dist., marked  $\frac{1}{4}$  S 32 B T.

Desc. from cor.

50.00 Draw, 2 chs. wide, course E. asc. grad.

60.00 Top of ~~rise~~ 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. 28, 29, 32 & 33, marked on brass cap, T 24 N R 6 W, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Land, mts. rolling.  
Soil, 3rd rate, gravelly, stony in places.  
Cedar, few pinons, scrub oak, cacti, good grass.

Fractional  
Subdivision of T. 24 N., R. 6 W.

## Chains.

- ~~Set~~ ~~at~~ ~~89°58'~~ E., on a random line, bet. secs 28 & 33.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.42 Intersect N. & S. line 14 lks. S. of cor. of  
 secs. 27, 28, 33 & 34, ~~hereinbefore described~~ whence I run  
 S. 89° 52' W., on a true line, bet. secs. 28 & 33.  
 Over mts. land, desc. grad.  
 4.00 Gulch, near head, 10 lks. wide, course NE., asc. grad.  
 40.21 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 28 in N., and  
 S 33 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 41.00 Top of flat ridge, brs. N. & S., desc. grad. open land.  
 56.50 Enter dry mud flat, dry basin, brs. NNE. & SSW.  
 73.50 Tank in lowest part of flat brs. S. 2 chs. dist.  
 76.50 Leave flat, brs. NW. & SE.  
 80.42 To cor. of secs. 28, 29, 32 & 33. ~~hereinbefore described~~  
 Land, rolling, mts. Soil, 3rd rate, gravelly, dry.  
 Few cedars, sparse scrub oak, cacti, good grass in places.  
 At ~~this corner~~ ~~station~~, I set off 13° 16 $\frac{1}{2}$ ' N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 35° 26' N.
- 
- S. 89° 58' W., on a random line, bet. secs. 29 & 32.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 71.69 Intersect West bdy. of Tp. 19 lks. N. of cor. of <sup>in Book 2</sup>  
 secs. 29 & 32, ~~recently estab. & described~~ by J. B. Wright, whence I run,  
 N. 89° 50' E., on a true line, bet. secs. 29 & 32.  
 Over mts. or heavily rolling land, through scattering  
 cedar and pinon.  
 31.69 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 pinon tree 12 ins. diam. brs. N. 54° E. 150 lks. dist.,  
~~marked~~  $\frac{1}{4}$  S 29 B T.  
 A cedar tree 5 ins. diam. brs. S. 12 $\frac{1}{2}$ ° E. 31 lks. dist.,  
 marked  $\frac{1}{4}$  S 32 B T.  
 Enter dense cedar, brs. N. & S.  
 52.00 Leave dense cedar, becomes scattering.  
 71.69 To cor. of secs. 28, 29, 32 & 33. ~~hereinbefore described~~  
 Land, rolling. Soil, 3rd rate, gravelly, dry.  
 Cedar, few junipers, scrub oak, cacti, fair grass.
- 
- N. 0° 3' W., bet. secs. 28 & 29.  
 Over mts. or heavily rolling land, desc. grad.  
 2.00 Enter mud flat, brs. NW. & ESE.  
 36.00 Leave flat, brs. ENE. & SW. asc. grad.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 29 in W., and S. 28 in E. half; from which,  
 A cedar tree 15 ins. diam. brs. N. 36 $\frac{1}{2}$ ° E. 129 lks. dist.,  
 marked  $\frac{1}{4}$  S 28 B T.; No other trees available.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 50.00 Top of ridge, brs. E. & W., desc.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 20, 21, 28 & 29, marked on  
 brass cap, T 24 N R 6 W, in N. half,  
 S 20 in NW., S 21 in NE., S 28 in SE., & S 29 in SW. quad.;  
 from which,  
 A cedar tree 12 ins. diam. brs. S. 28 $\frac{1}{4}$ ° E. 178 lks. dist.,  
 marked T 24 N R 6 W S 28 B T.  
 A cedar tree 10 ins. diam. brs. S. 55 $\frac{1}{2}$ ° W. 204 lks. dist.,  
 marked T 24 N R 6 W S 29 B T.  
 A cedar tree 14 ins. diam. brs. N. 89 $\frac{1}{4}$ ° W. 133 lks. dist.,  
 marked T 24 N R 6 W S 20 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. Soil, 3rd rate, gravelly, dry.  
 Cedar, few pinons, good grass. April 25, 1912. W. C. F.

Chains.

April 26, 1912. ~~hereinbefore described~~

At 8h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,  
I set off  $13^{\circ}33'N.$  on the decl. arc, and  $35^{\circ}27'N.$  on  
the lat. arc, and determine a meridian with the solar.

Thence I run,  
N.  $89^{\circ}52'E.$ , on a random line, bet. secs. 21 & 28

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

80.46 Intersect N. & S. line 7 lks. N. of cor. of  
secs. 21, 22, 27 & 28, whence I run,

S.  $89^{\circ}55'W.$ , on a true line, bet. secs. 21 & 28.  
Over heavily rolling land, through scattering cedar.  
Asc. grad.

20.00 Flat ridge, brs. NNE. & SSW.

40.23 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 21 in N., and

~~mark on S 20 in S. half;~~

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

60.00 Low flat ridge, brs. N. & S., desc. grad.

80.46 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.

Land, heavily rolling.  
Soil, 3rd rate, gravelly.  
Few cedars and junipers, fine grass.

S.  $89^{\circ}50'W.$ , on a random line, bet. secs. 20 & 29.

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

71.64 Intersect West bdy. of Tp. 5 lks. S. of cor. of ~~in Book 2~~  
secs. 20 & 29, ~~recently estab. & described by J.B. Wright,~~ whence I run,  
N.  $89^{\circ}52'E.$ , on a true line, bet. secs. 20 & 29.

Over heavily rolling land.

31.64 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 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.

71.64 To cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~.

Land, rolling.  
Soil, 3rd rate, gravelly, dry, heavy.  
Few cedars, and junipers, scrub oak, cacti, fine grass.  
At this cor., at noon, clouds obscure the sun.  
~~Impracticable to observe the latitude.~~  
Raining and cloudy this afternoon.

April 26, 1912.

W.H.E.

April 27, 1912.

Snowing, stormy all day. No field work.

Fractional  
Subdivision of T. 24 N., R. 6 W.

J.B.W. & W.H.E.

Chains.

April 28, 1912. ~~hereinbefore~~ described

At 3h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,  
We set off 14°10½' N. on the decl. arc, and 35°27' N. on  
the lat. arc, and determine a meridian with the solar.  
Thence we run,  
N. 0° 3' W., bet. secs. 20 & 21.

Over heavily rolling land, desc. grad.  
36.00 Head of draw, course ENE., 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 20 in W., and  
S 21 in E. half;  
raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.

50.00 Low ridge, brs. ENE. & WSW., desc.

75.00 Wash, 10 lks. wide, course NE., asc.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 16, 17, 20 & 21, marked on  
brass cap, T 24 N R 6 W, in N. half,  
S 17 in NW.,  
S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quad.;

raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
Land, heavily rolling.  
Soil, 3rd rate, gravelly, dry, heavy.  
Few cedars, pinons and junipers, fine grass.  
From the sec. corners in this range of sections, Wright  
runs lines to the West, and Elliott runs lines to East.

N. 89°55' E., on a random line, bet. secs. 16 & 21.  
40.00 Set temp. ¼ sec. cor. ~~at the~~

80.44 Intersect N. & S. line 7 lks. S. of cor. of  
15, 16, 21 & 22, ~~hereinbefore~~ described, whence we run  
S. 89°52' W., on a true line, bet. secs. 16 & 21.  
Over heavily rolling mesa, desc. grad.

5.00 Wash, 15 lks. wide, course N., asc.

30.00 Spur, brs. NE. & SW., desc.

40.22 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;

raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
44.00 Ravine, 50 lks. wide, course NNE. asc.

60.00 Ridge, brs. NNE. & SSW., desc.

77.00 Gulch, 50 lks. wide, course NE.

80.44 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore~~ described.  
Land, rolling, Soil, 3rd rate, gravelly, dry, heavy.  
Few cedars, pinons, junipers, fine grass.

S. 89°52' W., on a random line, bet. secs. 17 & 20.  
40.00 Set temp. ¼ sec. cor.

71.58 Intersect West bdy. of Tp. 5 lks. S. of cor. of  
secs. 17 & 20, recently estab. & described by J.B. Wright, in Book 2, whence  
N. 89°54' E., on a true line, bet. secs. 17 & 20. ~~we run,~~  
Over heavily rolling land, desc. along top of ridge.

31.58 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in  
the ground, in mound of stone for ¼ sec. cor., marked on  
brass cap, ¼ S 17 in N., and  
S 20 in S. half; Cor. on bed-rock,  
raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.

71.58 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore~~ described.  
Land, heavily rolling.  
Soil, 3rd rate, gravelly, stony.  
Few cedars, pinons, junipers, fine grass.

Chains	
	<del>North</del> W., bet. secs. 16 & 17. Over heavily rolling, high mesa, desc. grad.
16.00	Gulch, 2 chs. wide, course NE.
22.00	Gulch, 2 chs. wide, course ENE. 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 17 in W., and S 16 in E. half; from which, A cedar tree 15 ins. diam. brs. N. 69° E. 64 lks. dist., marked $\frac{1}{4}$ S 16 B T. A cedar tree 15 ins. diam. brs. S. 9° W. 42 lks. dist., marked $\frac{1}{4}$ S 17 B T.
50.00	Ridge, brs. NE. & SW., desc.
68.00	Ravine 50 lks. wide, course NE., asc.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 14 ins. in the ground in mound of stone, on bed-rock, for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 24 N R 6 W, in N. half, S 8 in NW., S 9 in NE., S 16 in SE., and S 17 in SW. quad.; no trees available, raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, heavily rolling, broken. Soil, 3rd rate, gravelly, stony in places. Sparse cedar, few pinons, junipers, fine grass.
	N. 89° 52' E., on a random line, bet. secs. 9 & 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.40	Intersect N. & S. line 5 lks. S. of cor. of secs. 9, 10, 15 & 16, <del>herebefore described</del> , whence we run S. 89° 50' W., on a true line, bet. secs. 9 & 16. Over heavily rolling land, <del>through</del> scattering cedar. asc.
40.20	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 9 in N., and S 16 in S. half; from which, A cedar tree 5 ins. diam. brs. N. 44 $\frac{1}{2}$ ° E. 121 lks. dist., marked $\frac{1}{4}$ S 9 B T. A cedar tree 8 ins. diam. brs. S. 77 $\frac{1}{2}$ ° W. 558 lks. dist., marked $\frac{1}{4}$ S 16 B T.
50.00	Ridge, brs. NNE. & SSW., desc. grad.
64.00	Draw, 50 lks. wide, course NE.
80.40	To cor. of secs. 8, 9, 16 & 17, <del>herebefore described</del> . Land, rolling. Soil, 3rd rate, gravelly, heavy. Sparse cedar, <del>pinons</del> , few junipers, fine grass.
	S. 89° 54' W., on a random line, bet. secs. 8 & 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
71.53	Intersect West bdy. of Tp. 9 lks. N. of cor. of secs. 8 & 17, <del>recently estab. &amp; described</del> by J. B. Wright, in Book 2, whence we run N. 89° 50' E., on a true line, bet. secs. 8 & 17.
9.00	Ravine 50 lks. wide, course NE., asc.
20.00	Ridge, brs. NE. & SW., desc.
31.53	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in N., and S 17 in S. half; no trees available. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
32.00	Ravine, 80 lks. wide, course NE. asc.
43.00	Ridge, brs. NE. & SW., thence desc. grad.
71.53	To cor. of secs. 8, 9, 16 & 17, <del>herebefore described</del> . Land, heavily rolling. Soil, 3rd rate, gravelly, heavy. Few cedars, junipers, good grass. At this cor., at noon, we set off 14° 13 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 29' N.

Fractional  
Subdivision of T. 24 N., R. 6 W.

Chains.

N. 0° 3' W., bet. secs. 8 & 9.  
Over heavily rolling land, asc. grad. through scattering cedar.

20.00 Top of ridge, brs. NNE. & SSW., desc.

34.00 Deep draw, 4 chs. 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 8 in W., and S 9 in E. half; from which,  
A cedar tree 15 ins. diam. brs. S. 21° E. 135 lks. dist., marked  $\frac{1}{4}$  S 9 B T.  
A cedar tree 15 ins. diam. brs. N. 28° W. 92 lks. dist., marked  $\frac{1}{4}$  S 8 B T.

46.00 Top of spur, brs. E. & W., desc.

50.00 Deep draw, 150 lks. wide, course E., asc.

62.00 Spur, brs. NE. & SW., desc.

77.00 Gulch, 30 lks. wide, course ENE. asc.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8 & 9, marked on brass cap, T 24 N R 6 W, in N. half;  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quad.; from which,  
A cedar tree 10 ins. diam. brs. S. 71° W. 63 lks. dist., marked T 24 N R 6 W S 8 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.  
Few cedars, junipers, good grass.

N. 89° 50' E., on a random line, bet. secs. 4 & 9.

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

80.24 Intersect N. & S. line 14 lks. N. of cor. of secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence we run S. 89° 56' W., on a true line, bet. secs. 4 & 9.  
Over heavily rolling land, asc. grad. through scattering cedar.

18.00 Top of flat ridge, asc. along S. slope of same brs. E. & W.

40.12 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 4 in N., and S 9 in S. half; from which,  
A cedar tree 7 ins. diam. brs. N. 50 $\frac{1}{2}$ ° W. 30 lks. dist., marked  $\frac{1}{4}$  S 4 B T.  
A cedar tree 9 ins. diam. brs. S. 31° E. 242 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

Desc. SW. slope.

45.00 Draw, 1 ch. wide, course ESE., asc. along S. side of same.

74.00 Drain 6 lks. wide, course NE.

80.24 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~.  
Land, heavily rolling. Soil, 3rd rate, gravelly, dry.  
Sparse cedar, pinon, few junipers, good grass.

S. 89° 50' W., on a random line, bet. secs. 5 & 8.

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

71.46 Intersect West bdy. of Tp. at cor. of secs. 5 & 8, ~~recently estab. & described by J. B. Wright, in Book 12,~~ whence we run N. 89° 50' E., on a true line, bet. secs. 5 & 8.  
Over heavily rolling land, desc. grad.

24.50 Draw, 50 lks. wide, course N., asc.

31.46 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 5 in N., and S 8 in S. half;  
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.

33.00 Ridge, brs. NE. & SW., desc. SE. slope.

71.46 To cor. of secs. 4, 5, 8 & 9, ~~hereinbefore described~~  
Land, rolling. Soil, 3rd rate, gravelly.  
Sparse cedar, few junipers, good grass.

## Chains.

- N. 0° 3' W., bet. secs. 4 & 5.  
Over heavily rolling land, asc. grad. through scattering cedar and pinon.
- 22.00 Top of ridge, brs. ENE. & WSW., desc.  
34.00 Draw, 3 chs. wide, course ESE., asc.  
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 5 in W., and S 4 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.
- 44.00 Ridge, brs. NW. & SE., desc.  
49.00 Gulch, 40 lks. wide, course SE., asc.  
58.00 Ridge, brs. ESE. & WNW., desc.  
59.00 Lone Juniper tree 40 ins. in diam. on line.  
77.50 Draw, 3 chs. wide, course NE., asc.  
87.37 Intersect Sixth Std. Parallel North at a point, whence Std. cor. of secs. 32 & 33, T. 25 N., R. 6 W. brs. East, 20.60 chs. dist., 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.
- Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 4 & 5, marked on brass cap, C C, S. of centre, T 25 N R 6 W, S 32, S 33, in N. half, S 4 in SE., and S 5 in SW. quad.; from which,  
A cedar tree 6 ins. diam. brs. S. 24 $\frac{3}{4}$ ° E. 197 lks. dist., marked T 24 N R 6 W S 4 C C B T.  
A cedar tree 8 ins. diam. brs. S. 42° W. 60 lks. dist., marked T 24 N R 6 W S 5 C C B T.
- Land, rolling, broken.  
Soil, 3rd rate, gravelly, dry, heavy.  
Cedar, pinon, few junipers, fine grass.

J.B.W. &amp; W.H.E.

~~Definitive~~ ~~revised~~ ~~notes~~

## General Description.

T. 24 N., R. 6 W. consists mostly of broken or heavily rolling land, draining into Chino wash. The Eastern portion is more or less mountainous, while the Western portion is more rolling, lying on a high rolling mesa.

The soil is in general a gravel conglomerate of limestone, and malpais, covered in places with showered volcanic tufa and obsidian.

There is considerable heavy scattering cedar and some juniper and pinon in places, but none of any timber value.

There is no permanent water in the Tp. Several small tanks or reservoirs have been built which contain water the greater portion of the year in good seasons. There are no settlers in the Tp., nor any indications of permanent occupation of the land.

The land is of but little value for agricultural purposes, but is good grazing land throughout.

April 28, 1912.

*Jesse B. Wright*  
*William H. Elliot*

U. S. Surveyors.



*Subdivisions Group 16*

*for* **CERTIFICATE OF ASSISTANTS to**  
*JESSE B. WRIGHT, U.S. Surveyor, See Book "E"*  
*WILLIAM H. ELLIOTT, " " " " " " " " " " "G"*

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

of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_ which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

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

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

U. S. Surveyor.

for FINAL OATH OF UNITED STATES SURVEYOR.

JESSE B. WRIGHT, See Book "E"

WILLIAM H. ELLIOTT, " " "G"

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, April 21, 1913

The foregoing field notes of the survey of \_\_\_\_\_

the subdivisional lines of Fractional Township 24 North, Range 6 West

Gila & Salt River Base & Meridian

Arizona

executed by Jesse B. Wright & William H. Elliott, U.S. Surveyors  
under <sup>their</sup> special instructions <sup>for Group 16</sup> dated Feb. 5, 1912, 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.