

Book "K"
Subdivisions
FIELD NOTES

BOOK 2776

OF THE SURVEY OF THE

PART OF THE

SUBDIVISION LINES OF

TOWNSHIP 1 NORTH RANGE 28 EAST

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

WILLIAM B. KIMMEL

In the capacity of U. S. Surveyor, under instructions dated February 18, 1913, issued by the United States Surveyor General to govern surveys included in Group No. 26, which were approved by the Commissioner of the General Land Office, February 28, 1913, pursuant to authority contained in the Act of Congress dated June 23, 1913.

Survey commenced April 7, 1914

Survey completed April 28, 1914

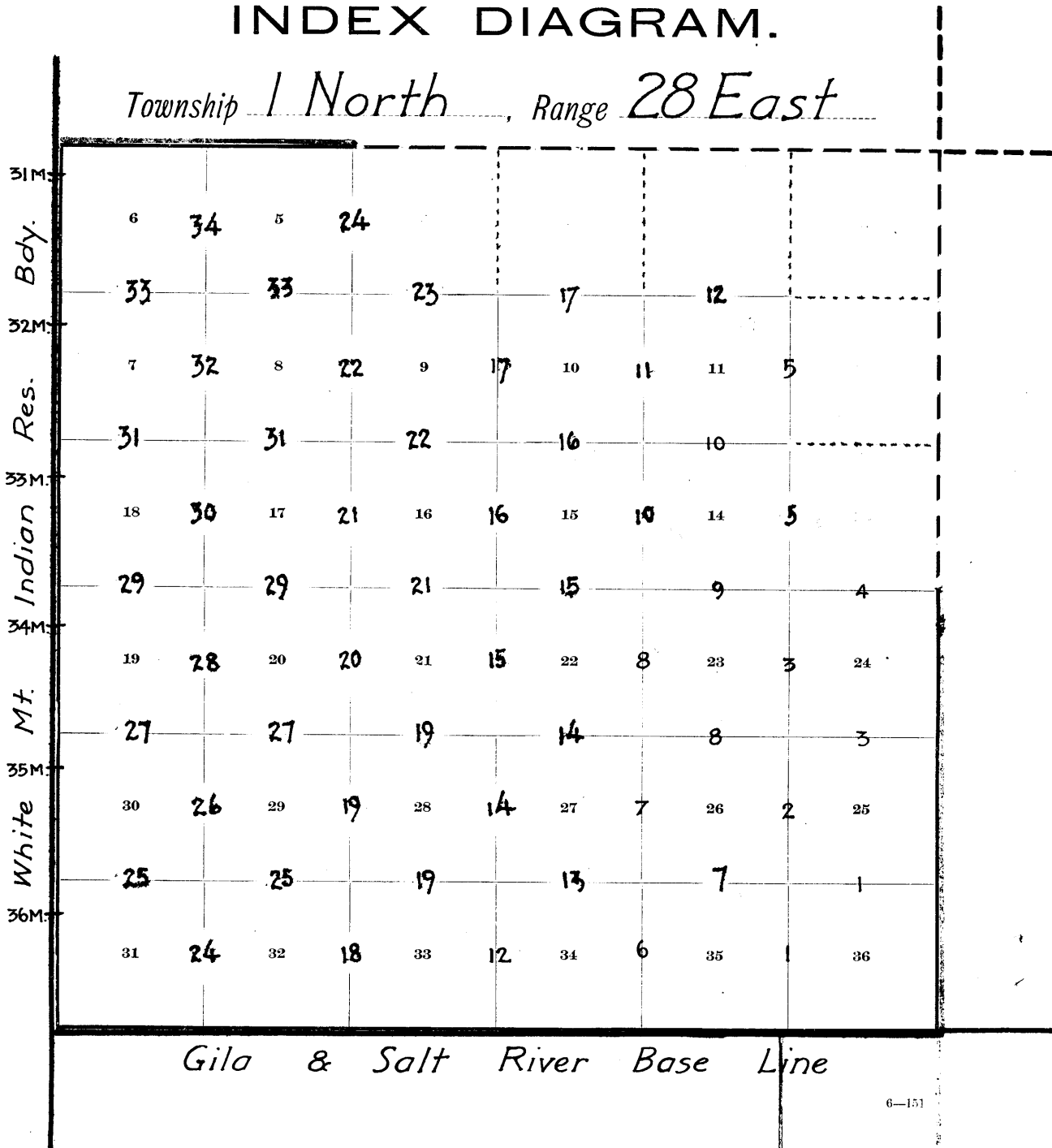
1A

Book "K"

BOOK 2776

INDEX DIAGRAM.

Township 1 North, Range 28 East



6-151

- Notes in Book "A", this Group
- " " " "B" " "
- " " " "C" " "
- Surveyed
- Unsurveyed

Partial Subdivision of Township 1 North, Range 28 East.

1b

Chains.

Survey commenced April 7, 1914, and executed with a Young and Sons' light mountain transit, No. 8541, with Smith Solar Attachment. For description of instrument and certificate of approval, see Book "A."

Knowing from recent and repeated tests of my instrument on a meridian established by observations on Polaris at elongation, that it is in correct adjustment, I proceed to the subdivision of T1 N., R. 28 E.

At 8h. 3m., a.m., l. m.t., I set off 33° 22 1/2' N. on the lat. arc; 6° 41' N. on the decl. arc; and determine a meridian with the solar at the standard corner of secs. 35 and 36, on the south bdy. of the Tp. (Gila and Salt River Base line) reestablished by me, as described in Book "B."

Thence I run, N. 0° 1' W., bet. secs. 35 and 36.

Through scattering timber and dense undergrowth.

Descend north slope, 465 ft. to

18.50 Canyon, course west. Thence along west slope.

19.25 Low spur ridge, brs. west. Descend in canyon, course north.

26.25 Leave canyon; ascend SW. slope, 140 ft. to

30.00 Ridge, brs. E. and W. Descend NW. slope, 115 ft. to

39.50 Canyon, course west. Ascend south slope, 275 ft.

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,

1913 on S. rim,

1/4 S 35 in W., and

S 36 on E. half; from which,

A pine, 6 ins. in diam., brs. N. 5 1/2° W., 28 lks. dist., marked 1/4 S 35 B T.

A pine, 8 ins. in diam., brs. S. 74° E., 28 lks. dist., marked 1/4 S 36 B T.

48.50 Spur ridge, brs. SW. Descend NW. slope, 195 ft. to

67.00 Draw, course SW.

68.00 Low spur ridge, brs. SW.

69.00 Ascend in draw, course S.

72.00 Leave draw; ascend SE. slope, 80 ft. to

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 and 36, marked on brass cap,

1913 on S. rim,

T 1 N R 28 E on N. half;

S 26 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 in SW. quadrant; from which,

A pine, 6 ins. in diam., brs. N. 70 3/4° E., 14 lks. dist., marked T 1 N R 28 E S 25 B T.

A pine, 12 ins. diam., brs. S. 77 1/2° E., 90 lks. dist., marked T 1 N R 28 E S 36 B T.

A pine, 6 ins. in diam., brs. S. 58° W., 43 lks. dist., marked T 1 N R 28 E S 35 B T.

A juniper, 20 ins. in diam., brs. N. 13 1/2° W., 74 lks. dist., marked T 1 N R 28 E S 26 B T.

Note: At this cor., I set off 6° 44 1/2' N. on the decl. arc; at apparent noon, I observe the sun on the meridian; the resulting lat. is 33° 23 1/2' N.

Land, mountainous and hilly.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper, cedar and oak.

Undergrowth, dense scrub oak.

Mountainous land, 56 chs.

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

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A."

2. Partial Subdivision of Township 1 North, Range 28 East

Chains.

	Thence I run, N. 89° 58' W., on a true line, bet. secs. 25 and 36. Along north slope, through scattering timber and dense undergrowth.
7.50	Descend SW. slope, 500 ft. to
31.00	Enter gulch, course SW.
34.20	Leave gulch, ascend east slope, 300 ft. to
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, 1913 on S. rim, $\frac{1}{4}$ S 25 in N., and S 36 in S. half; from which, A juniper, 8 ins. in diam., brs. N. 74 $\frac{3}{4}$ ° E., 120 lks. dist., marked $\frac{1}{4}$ S 25 B T. A juniper, 8 ins. in diam., brs. S. 43° E., 88 lks. dist., marked $\frac{1}{4}$ S 36 B T.
51.00	Ridge, brs. N. and S. Descend SW. slope, 100 ft. to
56.00	Thence along south slope.
66.00	Descend SW. slope, 250 ft.
70.00	Descend W. slope.
78.75	Draw, course SW. Ascend SE. slope, 25 ft. to
79.98	The cor. of secs. 25, 26, 35 and 36. Land, mountainous and hilly. Soil, rocky, 4th rate. Timber, scattering pine, juniper, cedar and oak. Undergrowth, dense scrub oak. Mountainous land, 56 chs.

	N. 0° 1' W., bet. secs. 25 and 26. Through scattering timber and dense undergrowth. Ascend SE. slope, to
30.00	Ridge, brs. NE. and SW. Descend NW. slope, 375 ft. to
40.00	Point for $\frac{1}{4}$ sec. cor. falls in small gulch, course west.
40.75	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness corner to $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, W C $\frac{1}{4}$ in N. half; S 26 in SW., and S 25 in SE. quadrant; from which, A pine, 12 ins. in diam., brs. N. 34° E., 20 lks. dist., marked W C $\frac{1}{4}$ S 25 B T. A juniper, 14 ins. in diam., brs. N. 70° W., 90 lks. dist., marked W C $\frac{1}{4}$ S 26 B T.
44.45	Stream of clear water, 5 lks. wide, 3 ins. deep, course SW.
44.55	Trail, brs. NE. and SW. in bottom of Bear Canyon. Ascend SE. slope, 400 ft.
47.40	Trail, brs. NW. and SE.
57.00	Ascend SW. slope.
62.00	Ridge, brs. W. Descend NW. slope, 120 ft. to
69.00	Draw, course SW. Ascend SW. slope, 40 ft. to
74.00	Spur ridge, brs. SW. Descend NW. slope, 30 ft. to
78.00	Wash, course west. Thence along west slope.
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 and 26, marked on brass cap, 1913 in S. rim, T 1 N R 28 E in N. half; S 23 in NW., S 24 in NE., S 25 in SE., and S 26 in SW. quadrant; from which, A juniper, 20 ins. in diam., brs. N. 8° E., 43 lks. dist., marked T 1 N R 28 E S 24 B T. An oak, 6 ins. in diam., brs. S. 56 $\frac{1}{4}$ ° E., 60 lks. dist., marked T 1 N R 28 E S 25 B T. A juniper, 22 ins. in diam., brs. S. 21 $\frac{3}{4}$ ° W., 50 lks. dist., marked T 1 N R 28 E S 26 B T.

Partial Subdivision of Township 1 North, Range 28 East.

3.

Chains.

A juniper, 20 ins. in diam., brs. N. $56\frac{1}{2}^{\circ}$ W., 153 lks. dist., marked T 1 N R 28 E S 23 B T.
 Land, mountainous and hilly.
 Soil, rocky, 4th rate.
 Undergrowth, dense scrub oak.
 Timber, scattering pine, juniper and oak.
 Mountainous land, 68 chs.
 April 7, 1914.

April 8, 1914: At 7h. 58m., a.m., l.m.t., I set off $33^{\circ} 24\frac{1}{2}'$ N. on the lat. arc; $7^{\circ} 3\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 23, 24, 25 and 26.
 Thence I run, S. $89^{\circ} 58'$ E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect east bdy. of Tp., 11 lks. S. of the cor. of secs. 19, 24, 25 and 30, established by me, as described in Book "A."
 Thence I run, S. $89^{\circ} 57'$ W., on a true line, bet. secs. 24 and 25.
 Through scattering timber and dense undergrowth.
 Ascend steep east slope, 340 ft.
 2.00 Ascend SE. slope.
 13.00 Thence along south slope.
 20.00 Descend west slope, 590 ft.
 31.50 Top of rock bluff, brs. N. and S.
 32.00 Foot of cliff, 100 ft. high; continue to descend west slope.
 40.09 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 24 in N., and S 25 in S. half; from which,
 A juniper, 12 ins. in diam., brs. N. 38° E., 48 lks. dist., marked $\frac{1}{4}$ S 24 B T.
 A juniper, 14 ins. in diam., brs. S. 46° W., 87 lks. dist., marked $\frac{1}{4}$ S 25 B T.
 Descend west slope, 200 ft.
 52.55 Trail, brs. NE. and SW.
 52.70 Bear Canyon, course SW. (dry). Ascend SE. slope, 600 ft. to
 65.20 Narrow ridge, brs. NE. and SW. Descend west slope, 445 ft. to
 80.18 The cor. of secs. 23, 24, 25 and 26.
 Note: At this corner I set off $7^{\circ} 06\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ} 24\frac{1}{2}'$ N.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak.
 Mountainous land, 80 chs.

N. $0^{\circ} 1'$ W. bet. secs. 23 and 24.
 Along broken west slope, through scattering timber and dense undergrowth.
 2.00 Draw, course west. Ascend south slope, 70 ft. to
 8.00 Spur ridge, brs. W. Descend N. slope, 70 ft. to
 18.00 Draw, course W. Ascend SW. slope, 215 ft. to
 28.00 Spur ridge, brs. SW. Descend NW. slope, 15 ft. to
 34.00 Thence along west 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, 1913 on S. rim,

4. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

$\frac{1}{4}$ S 23 in W., and
 S 24 in E. half; from which,
 A juniper, 8 ins. in diam., brs.S. $76\frac{1}{4}^{\circ}$ E., 43
 lks.dist., marked $\frac{1}{4}$ S24 B T.
 An oak, 5 ins. in diam., brs.S. $81\frac{1}{2}^{\circ}$ W., 68
 lks.dist., marked $\frac{1}{4}$ S 23 BT.
 Ascend slight SW. slope, 75 ft.to
 48.00 Descend NW. slope, 15 ft.to
 54.00 Draw, course SW. Ascend S. slope, 495 ft.
 66.00 Ascend SW. slope.
 75.00 Thence along west slope.
 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 and 24, marked
 on brass cap,
 1913 on S.rim,
 T 1 N R 28 E in N.half;
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW.quadrant; from which,
 A pine, 6 ins. in diam., brs. S. $56\frac{1}{2}^{\circ}$ W., 75 lks.
 dist., marked T 1 N R 28 E S 23 BT.
 A juniper, 30 ins. in diam., brs.N. 64° W., 19
 lks.dist., marked T 1 N R 28 E S 14 B T.
 No other trees within limits. Raise a mound of stone, 2
 ft. base, $1\frac{1}{2}$ ft.high, west of cor. Pits impractica-
 ble.
 Land, mountainous and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper, cedar and oak.
 Undergrowth, dense scrub oak.
 Mountainous land, 46 chs.

April 8, 1914.

April 9, 1914:

40.00 N. $89^{\circ}57'$ E., on a random line, bet. secs.13 and 24.
 Set temp. $\frac{1}{4}$ sec.cor.
 79.85 Intersect the east bdy.of the Tp., 33 lks.south of the
 corner of secs.13,18,19 and 24, established by me,as
 described in Book "A."
 Thence I run,
 S. $89^{\circ}43'$ W., on a true line, bet. secs.13 and 24.
 Through scattering timber and dense undergrowth.
 Ascend SE. slope, 45 ft.to
 4.00 Spur ridge, brs.S. Descend W. slope, 230 ft.to
 12.80 Small stream of water in Bear Canyon, course SW.
 Ascend SE. slope, 205 ft.to
 18.50 Ridge, brs.N.and S. Descend W. slope, 155 ft.to
 25.50 Canyon, course S. Ascend E. slope, 560 ft.
 34.00 Ascend NE. slope.
 39.925 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,
 1913 on S.rim,
 $\frac{1}{4}$ S 13 in N., and
 S 24 in S.half; from which,
 A pine, 12 ins. in diam., brs.N. 58° W., 48 lks.
 dist., marked $\frac{1}{4}$ S 13 B T.
 A pine, 8 ins. in diam., brs.S. 88° E., 92 lks.
 dist., marked $\frac{1}{4}$ S 24 B T.
 42.00 Ascend on ridge, brs.E.and W.
 48.00 Ascend slight SE. slope.
 50.00 Thence along north slope.
 56.00 Descend NW. slope, 200 ft.to
 65.50 Draw, course N. Ascend NE. slope, 155 ft.to
 79.00 Ridge, brs.NW. and SE. Descend W.slope.
 79.85 The cor.of secs.13,14,23 and 24.
 Land, hilly and mountainous.
 Soil, rocky, 4th rate.

Partial Subdivision of Township 1 North, Range 28 East. 5.

Chains.

Timber, scattering pine, juniper, oak and cedar.
Undergrowth, dense scrub oak.
Mountainous land, 72 chs.

April 9, 1914.

April 14, 1914: At 8h. 5m. a.m., l.m.t., I set off $33^{\circ}25'$ N. on the lat. arc; $9^{\circ}16'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24.

Thence I run,
N. $0^{\circ}1'$ W., bet. secs. 13 and 14.

Along west slope, through scattering timber and dense undergrowth.

4.00 Ascend slight SE. slope, 30 ft. to
11.00 Spur ridge, brs. E. Descend N. slope, 150 ft.
19.50 Wash, course E. Ascend S. slope, 225 ft. to
32.50 Ridge, brs. E. and W. Descend N. slope, 475 ft.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 4 sec. cor., marked on brass cap,
1913 on S. rim,
 $\frac{1}{4}$ S 14 in W., and
S 13 in E. half; from which,
A juniper, 18 ins. in diam., brs. N. $5\frac{1}{2}^{\circ}$ E., 69 lks. dist., marked $\frac{1}{4}$ S 13 B T.
A juniper limb, 14 ins. in diam., brs. S. 75° W., 47 lks. dist., marked $\frac{1}{4}$ S 14 B T.

53.00 Gulch, course W. Ascend S. slope, 190 ft. to
59.00 Spur ridge, brs. SW. Descend NW. slope, 65 ft. to
66.00 Wash, course SW. Ascend SE. slope, 465 ft. to
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 and 14, marked on brass cap,
1913 on S. rim,
T 1 N R 28 E in N. half;
S 11 in NW.
S 12 in NE.;
S 13 in SE., and
S 14 in SW. quadrant; from which,
A juniper, 24 ins. in diam., brs. N. 54° E., 88 lks. dist., marked T 1 N R 28 E S 12 B T.

No other trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

Note: At this corner I set off $9^{\circ}19'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}26'$ N.

Land, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, pine and oak.
Undergrowth, dense scrub oak and locust.
Mountainous land, 72 chs.

April 14, 1914.

April 15, 1914: At 7h. 55m. a.m., l.m.t., I set off $33^{\circ}26'$ N. on the lat. arc; $9^{\circ}37\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14,

Thence I run,
N. $0^{\circ}1'$ W., bet. secs. 11 and 12.

Through scattering timber and dense undergrowth.

12.00 Ascend SE. slope, 190 ft. to
13.64 Ridge, brs. E. and W. Descend N. slope, 390 ft.
24.00 A juniper, 40 ins. in diam., on line.
Gulch, course W. Ascend SW. slope, 715 ft.

6. Partial Subdivision of Township k North, Range 28 East.

Chains.

34.00 Thence along West slope,
 36.00 Continue to ascend SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 1913 on S. rim,
 $\frac{1}{4}$ S 11 in W., and
 S 12 in E. half;
 raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west
 of corner. Pits impracticable.
 Continue to ascend SW. slope.
 53.00 Ridge, brs. NW. and SE. Descend NE. slope, 455 ft. to
 69.30 Draw, course NE. Ascend SE. slope, 60 ft.
 74.00 Thence along east slope.
 76.00 Descend N. slope, 85 ft. to
 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 and 12, marked
 on brass cap,
 1913 on S. rim,
 T 1 N R 28 E in N. half;
 S 2 in NW.,
 S 1 in NE.,
 S 12 in SE.,
 S 11 in SW. quadrant; from which,
 A pine, 8 ins. in diam., brs. N. $57\frac{1}{2}^{\circ}$ E., 34
 lks. dist., marked T 1 N R 28 E S 1 B T.
 A pine, 12 ins. in diam., brs. S. 45° E., 22 lks.
 dist., marked T 1 N R 28 E S 12 B T.
 A pine, 12 ins. in diam., brs. S. $70\frac{1}{4}^{\circ}$ W., 27
 lks. dist., marked T 1 N R 28 E S 11 B T.
 A pine, 8 ins. in diam., brs. N. 20° W., 37 lks.
 dist., marked T 1 N R 28 E S 2 B T.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, juniper and oak.
 Undergrowth, dense scrub oak.
 Mountainous land, 74 chs.

April 15, 1914.

April 10, 1914: At 7h. 53m. a.m., l.m.t., I set off 33°
 $22\frac{1}{2}'$ N. on the lat. arc; $7^{\circ}48'$ N. on the decl. arc; and
 determine a meridian with the solar at the standard cor.
 of secs. 34 and 35, on south bdy. of Tp. (G. & S. R. Base
 Line) reestablished by me, as described in Book "B."
 Thence I run,
 N. $0^{\circ} 1'$ W., bet. secs. 34 and 35.
 Descend N. slope, 535 ft., through scattering timber and
 dense undergrowth.
 6.00 Descend steep NW. slope.
 10.00 Descend north slope.
 22.00 Hog Trail Canyon, course west. Ascend slight south slope.
 22.50 Short rocky spur ridge, brs. W.
 23.25 Bear Canyon, course SW.
 24.00 Rocky spur, brs. E.
 25.00 Bear Canyon, course SE. Ascend SW. slope, 125 ft. to
 32.00 Spur ridge, brs. W. Descend NW. slope, 90 ft.
 39.85 Trail, brs. E. and 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 34 in W., and
 S 35 in E. half; from which,
 An oak, 10 ins. in diam., brs. S. $84\frac{3}{4}^{\circ}$ E., 44
 lks. dist., marked $\frac{1}{4}$ S 35 B T.
 An oak, 8 ins. in diam., brs. N. $50\frac{1}{2}^{\circ}$ W., 22 lks.
 dist., marked $\frac{1}{4}$ S 34 B T.
 42.35 Bear Canyon, course SW. Ascend SE. slope, 65 ft. to
 45.00 Short rocky spur, brs. E. Descend slight N. slope.
 46.25 Bear Canyon, course SE. Ascend SW. slope.

Partial Subdivision of Township 1 North, Range 28 East. 7.

Chains.	
48.00	Spur ridge, brs.W. Descend NW. slope.
49.50	Bear Canyon, course SW. Ascend SE. slope, 455 ft.
60.00	Leavetimber and undergrowth, brsE.and W.
70.25	Trail, brs.NE and SW.
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 and 35, marked on brass cap, 1913 on S.rim, T 1 N R 28 E in N.half; S 27 in NW. S 26 in NE. S 35 in SE., and S 34 in SW.quadrant; and raise a mound of stone 2 ft.base, 1½ ft. high,W.of corner. Pits impracticable. Land, hilly and mountainous. Soil, rocky 4th rate, Timber, scattering pine, juniper, oak and cedar. Undergrowth, dense scrub oak. Mountainous land, 36 chs.

40.00	East, on a random line, bet. secs.26 and 35.
79.80	Set temp. ¼ sec.cor. Intersect N.and S. line, 14 lksN.of the cor. of secs. 25,26, 35 and36, hereinbefore described. Thence I run, N.89° 54'W., on a true line, bet. secs. 26 and 35. Through scattering timber and dense undergrowth. Ascend SE. slope, 200 ft.to 9.50 Spur ridge, brs. S. Descend SW. slope, 200 ft.to 17.50 Gulch, course S. Ascend E. slpe, 240 ft.to 28.00 Ridge, brs.N.and S. Descend slight SW. slope. 34.10 Thence over level land. 38.00 Descend NW. slope, 430 ft. 39.90 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., marked on brass cap, 1913 in S.rim, ¼ S 26 in N., and S 35 in S.half; from which, A juniper, 14 ins. in diam., brs.N.42°E., 118 lks.dist., marked ¼ S 26 B T. A juniper, 26 ins. in diam., brs. S.6°E., 49 lks.dist., marked ¼ S 35 B T.
54.00	Bear Canyon, course SW. Ascend SE slope, 315 ft.
61.00	Leave timber, and undergrowth, brs.NE and SW.
70.25	Trail brs. NE. and SW.
79.80	The cor.of secs.26,27, 34 and 35. <u>Note:</u> At this corner, I set off 7° 51½' N.on the decl.arc; and at apparent noon, I observe the sun on the meridian; the resulting lat.is 33° 23½' N. Land, level, rolling and mountainous. Soil; rocky, 4th rate. Timber, scattering pine, juniper and oak. Undergrowth,dense scrub oak. Mountainous land, 58 chs.

6.25	N.0°1' W., bet. secs. 26 and 27. Over level land. No timber or undergrowth.
18.00	Old road, brs.NE. and SW.
20.00	Descend NW. slope, 135 ft.
25.00	Enter scattering timber.
39.25	Gulch, course SW. Ascend S. slope, 225 ft.to
40.00	Ridge, brs.E.and W. Descend N. slope, 265 ft. Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., marked on brass cap, 1913 on S.rim,

8. Partial Subdivision of Township 1 North, Range 28 East.

Chains.	
	$\frac{1}{4}$ S 27 in W., and S 26 in E. half; from which, A juniper, 40 ins. in diam., brs. S. 18° E., 20 lks. dist., marked $\frac{1}{4}$ S 26 B T. An oak, 8 ins. in diam., brs. N. $14\frac{1}{4}^{\circ}$ W., 98 lks. dist., marked $\frac{1}{4}$ S 27 B T.
55.40	Draw, course NW. Ascend SW. slope, 55 ft. to
58.00	Short spur ridge, brs. W. Descend NW. slope, 115 ft. to
66.00	Wash, course SW. Ascend SE. slope, 295 ft.
77.00	Ascend S. slope.
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 and 27, marked on brass cap, 1913 on S. rim, T 1 N R 28 E in N. half; S 22 in NW., S 23 in NE., S 26 in SE., and S 27 in SW. quadrant; from which, A juniper, 20 ins. in diam., brs. N. $29\frac{3}{4}^{\circ}$ E., 430 lks. dist., marked T 1 N R 28 E S 23 B T. A juniper, 6 ins. in diam., brs. S. $13\frac{1}{4}^{\circ}$ E., 177 lks. dist., marked T 1 N R 28 E S 26 B T. A juniper, 20 ins. in diam., brs. S. $50\frac{3}{4}^{\circ}$ W., 234 lks. dist., marked T 1 N R 28 E S 27 B T. A juniper, 28 ins. in diam., brs. N. $61\frac{1}{4}^{\circ}$ W., 117 lks. dist., marked T 1 N R 28 E S 22 B T.
	Land, level, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering pine, juniper and oak. Undergrowth, dense scrub oak. Mountainous land, 60 chs.

	S. $89^{\circ}54'$ E., on a random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, at the cor. of secs. 23, 24, 25 and 26, hereinbefore described. Thence I run, N. $89^{\circ}54'$ W., on a true line, bet. secs. 23 and 26. Through scattering timber and dense undergrowth. Descend west slope, 95 ft. to 7.00 Gulch, course S. Ascend east slope, 260 ft. to 20.00 Ridge, brs. N. and S. Descend W. slope, 175 ft. to 29.75 Draw, course S. Ascend SE. slope, 90 ft. 36.00 Ascend NE. slope. 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, 1913 on S. rim, $\frac{1}{4}$ S 23 in N., and S 26 in S. half; from which, A juniper, 8 ins. in diam., brs. N. $49\frac{1}{2}^{\circ}$ E., 127 lks. dist., marked $\frac{1}{4}$ S 23 B T. A juniper, 10 ins. in diam., brs. S. $11\frac{1}{4}^{\circ}$ W., 36 lks. dist., marked $\frac{1}{4}$ S 26 B T.
	Descend NW. slope, 340 ft. to
61.00	Gulch, course SW. Ascend SE. slope, 200 ft.
76.00	Thence along south slope.
79.94	The cor. of secs. 22, 23, 26 and 27. Land, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, pine and oak. Undergrowth, scattering scrub oak. Mountainous land, 58 chs.

	N. $0^{\circ} 1'$ W., bet. secs. 22 and 23. Through scattering timber and undergrowth. Ascend slight SW. slope.

Partial Subdivision of Township 1 North, Range 28 East, 9.

Chains.	
17.00	Ridge, brs.NE. and SW. Descend NW. slope, 210 ft. to
25.30	Gulch, course W. Ascend south slope, 165 ft. to
32.00	Short spur ridge, brs.SW. Descend NW. slope, 85 ft. to
39.00	Draw, course SW. Ascend SE. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, 1913 on S.rim, $\frac{1}{4}$ S 22 in W., and S 23 in E. half; from which, An oak, 8 ins. in diam., brs.N.76°E., 97 lks. dist, marked $\frac{1}{4}$ S 23 B T. An oak, 18 ins. in diam., brs.S.35 $\frac{1}{2}$ °W., 61 lks.dist., marked $\frac{1}{4}$ S 22 B T.
	April 10, 1914. April 13, 1914: At 8h. 5m. a.m., l.m.t., I set off 33°25' N. on the lat.arc; 8°54 $\frac{1}{2}$ ' N.on the decl.arc; and determine a meridian with the solar, at the above $\frac{1}{4}$ sec.cor.
	Ascend SE. slope, 235 ft. to
53.50	Ridge, brs.NE. and SW. Descend NW. slope, 75 ft. to
60.00	Draw, course W. Ascend SW. slope, 60 ft. to
67.00	Ridge, brs.E. and W. Descend N. slope, 135 ft. to
74.00	Wash, course west. Ascend south slope, 170 ft. to
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 and 23, marked on brass cap, 1913 on S.rim, T 1 N R 28 E in N.half; S 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quadrant; from which, An oak, 12 ins. in diam., brs.N.78°E., 162 lks.dist, marked T 1 N R 28 E S 14 B T. A juniper, 30 ins. in diam., brs.S.19°E., 41 lks.dist., marked T1 N R 28 E S 23 B T. An oak, 10 ins. in dia., brs.S.79 $\frac{1}{2}$ °W., 230 lks. dist., marked T 1 N R 28 E S 22 B T. An oak, 12 ins. in diam., brs.N.33°W., 102 lks.dist., marked T 1 N R 28 E S 15 B T. Land, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, pine and oak. Undergrowth, scattering scrub oak. Mountainous land, 58 chs.
	S.89° 54' E., on a random line, bet. secs.14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.76	Intersect N.and S. line, 9 lks.S. of the cor. of secs.13, 14.23 and 24, hereinbefore described.
	Thence I run,
	N.89°58'W., on a true line, bet.secs.14 and 23.
	Through scattering timber and dense undergrowth; descend west slope, 260 ft.
6.00	Descend SW. slope.
11.25	Draw, course S. Ascend SE. slope, 10 ft. to
13.75	Spur ridge, brs.S. Descend SW. slope, 25 ft. to
18.25	Draw, course S. Ascend E. slope, 390 ft. to
32.75	Ridge, brs. N.and S. Descend west slope, 345 ft. to
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, 1913 on S.rim, $\frac{1}{4}$ S 14 in N., and S 23 in S.half; from which, An oak, 6 ins. in diam., brs.N.11 $\frac{1}{4}$ °E., 92 lks. dist., marked $\frac{1}{4}$ S 14 B T. A pine, 8 ins. in diam., brs.S.7°E., 188 lks. dist., marked $\frac{1}{4}$ S 23 BT.
44.00	Descend SW. slope, 570 ft.
51.75	Thence along south slope.

10. Partial Subdivision of Township 1 North, Range 28 E.

Chains

72.00 Gulch, course SW. Ascend SE. slope, 65 ft. to
 79.76 The cor. of secs. 14, 15, 22 and 23.
Note: At this corner, I set off $8^{\circ} 57\frac{1}{2}'$ N. on the decl.
 arc; and at apparent noon, I observe the sun on the
 meridian; the resulting lat. is $33^{\circ} 25'$ N.
 Land, mountainous and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, pine and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 60 chs.

N. $0^{\circ} 1'$ W., bet. secs. 14 and 15.
 Through scattering timber and dense undergrowth.
 Ascend south slope, 210 ft. to
 13.50 Ridge, brs. E. and W. Descend NW. slope, 325 ft.
 29.50 Thence along west slope.
 34.00 Descend N. slope.
 36.00 Gulch, course west. Ascend S. slope, 90 ft. to
 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 15 in W., and
 S 14 in E. half; from which,
 A pine, 6 ins. in diam., brs. S. $87\frac{1}{2}^{\circ}$ E., 23 lks.
 dist., marked $\frac{1}{4}$ S 14 B T.
 A pine, 12 ins. in diam., brs. S. 33° W., 105
 lks. dist., marked $\frac{1}{4}$ S 15 B T.
 Ascend SE. slope, 155 ft. to
 50.00 Ridge, brs. NE. and SW. Descend NW. slope, 180 ft. to
 66.20 Mud Springs Creek, 4 lks. wide, 3 ins. deep, course SW.
 Ascend SE. slope, 55 ft. to
 71.00 Thence along east slope.
 74.00 Draw, course E. Ascend steep SE. slope, 45 ft.
 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 and 15, marked on
 brass cap,
 1913 on S. rim,
 T 1 N R 28 E in N. half;
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quadrant; from which,
 An oak, 12 ins. in diam., brs. S. 33° E., 10 lks.
 dist., marked T 1 N R 28 E S 14 B T.
 No other trees within limits; raise a mound of stone, 2 ft.
 base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
 Land, mountainous and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, pine and oak.
 Undergrowth, dense scrub oak.
 Mountainous land, 52. chs.

April 13, 1914.

April 14, 1914.
 S. $89^{\circ} 58'$ E., on a random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. and S. line, 18 lks. S. of the cor. of secs. 11,
 12, 13 and 14, hereinbefore described.
 Thence I run,
 S. $89^{\circ} 54'$ W., on a true line, bet. secs. 11 and 14.
 Along broken south slope, through scattering timber and
 dense undergrowth.
 2.00 Spur ridge, brs. S. Descend W. slope, 240 ft. to
 9.00 Wash, course S. Ascend east slope, 120 ft. to
 22.00 Spur ridge, brs. S. Descend W. slope, 90 ft. to
 30.00 Wash, course S. Ascend SE. slope, 95 ft. to

Partial Subdivision of Township 1 North, Range 28 East.

Chains.

39.50 Ridge, brs.NE. and SW. Descend NW. slope, 770 ft.
 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, 1913 on S.rim, $\frac{1}{4}$ S 11 in N., and S 14 in S-half; from which, An oak, 5 ins.in diam., brs.N. $45\frac{1}{2}^{\circ}$ E., 58 lks. dist., marked $\frac{1}{4}$ S 11 B T. A juniper, 14 ins. in diam., brs.S. 22° E., 23 lks. dist., marked $\frac{1}{4}$ S 14 B T.

77.70 Mud Springs Creek, 3 lks.wide, 2 ins. deep, course S. Ascend SE. slope, 30 ft.to

79.90 The cor.of secs.10,11,14 and 15. Land, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, pine and oak. Undergrowth, dense scrub oak. Mountainous land, 66 chs.

April 14, 1914.

April 16, 1914: At 7h. 5m. a.m., l.m.t., I set off $33^{\circ} 26' N.$ on the lat.arc; $9^{\circ} 59' N.$ on the decl.arc; and determine a meridian with the solar, at the cor.of secs.10,11,14 and 15, hereinbefore described.

Thence I run, N. $0^{\circ} 1' W.$, bet. secs.10 and 11. Ascend SE. slope, 145 ft. Through scattering timber and dense undergrowth.

14.00 Thence along eastslope.

18.00 Descend NE. slope, 20 ft.

24.85 Trail, brs.NW. and SE.

25.75 Ascend in gulch, course SSE.

28.00 Leave gulch; ascend SE. slope, 55 ft.to

30.00 Spur ridge, brs.E. Descend NE. slope.

30.55 Trail, brs. NW. and SE.

32.00 Ascend in gulch, which zigzags back and forth across line.

32.60 Same gulch, course SE.

33.70 Same gulch, course SW.

34.60 Same gulch, course SE.

37.35 Same gulch, course SW.

38.60 Same gulch, course SE. Ascend SW. slope, 365 ft.

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, 1913 on S.rim, $\frac{1}{4}$ S 10 in W., and S 11 in E-half; from which, An oak, 10 ins. in diam., brs.S. $88\frac{3}{4}^{\circ}$ E., 31 lks.dist., marked $\frac{1}{4}$ S 11 B T. An oak, 5 ins. in diam., brs.N. $88\frac{1}{4}^{\circ}$ W., 19 lks. dist., marked $\frac{1}{4}$ S 10 B T.

Continue to ascend SW. slope.

43.00 Draw, course W.

61.00 Thence along west slope.

62.00 Descend NW. slope, 30ft.to

66.00 Same gulch, course SW. Ascend SE. slope, 440 ft.to

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 and 11, marked on brass cap, 1913 on S.rim, T 1 N R 28 E in N-half; S 3 in NW., S 2 in NE., S 11 in SE., and S 10 in SW-quadrant; from which, A juniper, 20 ins. in diam., brs.N. $60\frac{3}{4}^{\circ}$ E., 117 lks.dist., marked T 1 N R 28 E S 2 B T. An oak, 14 ins. in diam., brs.S. 14° W., 81 lks. dist., marked T 1 N R 28 E S 10 B T.

12. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

No other trees within limits; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.

Note: At this corner, I set off $10^{\circ}2'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}27'$ N.

Land, mountainous and hilly.

Soil, rocky, 4th rate,

Timber, scattering juniper and oak.

Undergrowth, dense scrub oak and buck brush.

Mountainous land, 52 chs.

N. $89^{\circ}54'E.$, on a random line, bet. secs. 2 and 11.

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

79.81 Intersect N. and S. line, 5 lks. north of the cor. of secs. 1, 2, 11 and 12, hereinbefore described.

Thence I run,

S. $89^{\circ}56'W.$, bet. secs. 2 and 11.

Through scattering timber and dense undergrowth.

Descend NW. slope, 40 ft. to

5.50 Draw, course NE. Ascend E. slope, 320 ft.

17.00 Thence along north slope.

18.18 A juniper, 40 ins. in diam., on line.

20.00 Descend NW. slope, 415 ft.

39.905 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,

1913 on S. rim,

$\frac{1}{4}$ S 2 in N., and

S 11 in S. half; from which,

An oak, 6 ins. in diam., brs. N. $15\frac{1}{2}^{\circ}W.$, 52 lks. dist., marked $\frac{1}{4}$ S 2 B T.

An oak, 8 ins. in diam., brs. S. $53\frac{3}{4}^{\circ}W.$, 57 lks. dist., marked $\frac{1}{4}$ S 11 B T.

43.75 Wash, course N. Ascend NE. slope, 65 ft. to

50.00 Thence along north slope.

52.00 Descend west slope, 50 ft. to

57.00 Draw, course north. Ascend NE. slope, 110 ft. to

68.00 Thence along south slope.

72.00 Ascend SE. slope, 80 ft. to

79.81 The cor. of secs. 2, 3, 10 and 11.

Land, hilly and mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, dense scrub oak.

Mountainous land, 54 chs.

April 16, 1914.

April 11, 1914: At 7h. 58m., a.m., l.m.t., I set off $33^{\circ}22\frac{1}{2}'N.$ on the lat. arc; $8^{\circ}10\frac{1}{2}'N.$ on the decl. arc; and determine a meridian with the solar at the standard cor. of secs. 33 and 34, on south bdy. of Tp. (G. & S.R. Base line) reestablished by me, as described in Book "E."

Thence I run,

N. $0^{\circ}2'W.$, bet. secs. 33 and 34.

Over level land; no timber or undergrowth.

16.00 Descend N. slope, 125 ft. to

23.70 Draw, course west. Ascend SW. slope, 120 ft. to

32.00 Spur ridge, brs. W. Descend NW. slope, 135 ft. to

39.75 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,

1913 on S. rim,

W C $\frac{1}{4}$ in N. half;

S 34 in SE., and

S 33 in SW. quadrant; from which,

Partial Subdivision of Township 1 North, Range 28 East. 13.

Chains.	
	<p>An oak, 8 ins. in diam., brs. S. $80\frac{1}{4}^{\circ}$ E., 50 lks. dist., marked W C $\frac{1}{4}$ S 34 B T.</p> <p>A juniper, 20 ins. in diam., brs. S. 85° W., 27 lks. dist., marked W C $\frac{1}{4}$ S 33 B T.</p>
40.00	Point for $\frac{1}{4}$ sec. cor. falls in wash, course W. Ascend SE. slope, 180 ft. to
47.70	Spur ridge, brs. SW. Descend NW. slope, 130 ft. to
54.00	Gulch, course SW. Ascend SE. slope, 180 ft. to
66.00	Ridge, brs. NE and SW. Descend NW. slope, 125 ft. to
77.00	Gulch, course SW. Ascend SE. slope, 35 ft. to
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 and 34, marked on brass cap,
	<p>1913 on S. rim, T 1 N R 28 E in N. half; S 28 in NW.. S 27 in NE.' S 34 in SE.; and S 33 in SW. quadrant; from which, An oak, 12 ins. in diam., brs. S. 81° E., 251 lks. dist., marked T 1 N R 28 E S 34 B T. An oak, 20 ins. in diam., brs. S. $2\frac{1}{8}^{\circ}$ W., 255 lks. dist., marked T 1 N R 28 E S 33 B T.</p> <p>No other trees within limits. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable. Land, level, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering oak and juniper. Undergrowth, scrub oak in gulches and on north slopes only. Mountainous land, 52 chs.</p>

	East, on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 2 lks. south of the cor. of secs. 26, 27, 34 and 35, hereinbefore described.
	Thence I run, S. $89^{\circ}59'$ W., on a true line, bet. secs. 27 and 34. Over level land, no timber or undergrowth.
6.00	Descend SW. slope, 220 ft.
18.00	Descend NW. slope.
25.00	Enter scattering timber and undergrowth, brs. N. and S.
31.50	Draw, course SW. Ascend SE. slope, 45 ft.
33.00	Leave timber and undergrowth, brs. N. and S.
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, 1913 on S. rim, $\frac{1}{4}$ S 27 in N., and S 34 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
	Ascend slight SE. slope.
48.00	Ridge, brs. NE and SW. Descend NW. slope, 230 ft.
72.00	Descend west slope.
77.50	Gulch, course S. Ascend SE. slope, 20 ft. to
79.92	The cor. of secs. 27, 28, 33 and 34.
	<u>Note:</u> At this corner, I set off $8^{\circ}13\frac{1}{2}'$ N. on the latarc; and at apparent noon, I observe the sun on the meridian; the resulting lat is $33^{\circ}23\frac{1}{2}'$ N.
	Land, level, rolling, and hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering oak and juniper. Undergrowth, scattering scrub oak. Mountainous land, 18 chs.

14. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

N.0° 2'W., bet. secs. 27 and 28.
Through scattering timber and undergrowth.
Ascend SE. slope, 140 ft. to
19.00 Ridge, brs. E. and W. Descend N. slope, 215 ft. to
30.00 Canyon, course west. Ascend S. slope, 230 ft.
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,
1913 on S. rim,
 $\frac{1}{4}$ S 28 in W., and
S 27 in E. half;
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
of corner. Pits impracticable.
46.00 Ridge, brs. E. and W. Descend N. slope, 65 ft. to
58.50 Draw, course SW. Ascend S. slope, 85 ft. to
66.00 Spur ridge, brs. SW. Descend NW. slope, 185 ft. to
74.00 Gulch, course SW. Ascend S. slope, 115 ft. to
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 and 28, marked
on brass cap,
1913 on S. rim,
T 1 N R 28 E in N. half;
S 21 in NW.,
S 22 in NE.,
S 27 in SE.; and
S 28 in SW. quadrant; from which,
A pine, 8 ins. in diam., brs. N. 4 $\frac{1}{2}$ ° W., 176 lks.
dist, marked T 1 N R 28 E S 21 B T.
No other trees within limits. Raise a mound of stone, 2
ft. base, 1 $\frac{1}{2}$ ft. high, west of cor. Pits impractica-
ble.
Land, mountainous and hilly.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak and pine.
Undergrowth, scattering scrub oak.
Mountainous land, 52 chs.

40.00 N. 89° 59' E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line, 10 lks W. of the cor. of secs.
22, 23, 26 and 27, hereinbefore described.
Thence I run,
N. 89° 57' W., on a true line, bet. secs. 22 and 27.
Through scattering timber and undergrowth.
Descend slight NW. slope, 100 ft. to
10.00 Draw, course SW. Ascend SE. slope, 25 ft. to
15.50 Ridge, brs. NE. and SW. Descend west slope, 115 ft. to
26.00 Draw, course SW. Thence along south slope.
30.00 Ascend SE. slope, 15 ft. to
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,
1913 on S. rim,
 $\frac{1}{4}$ S 22 in N., and
S 27 in S. half; from which,
A juniper, 8 ins. in diam., brs. N. 42° W., 93
lks. dist., marked $\frac{1}{4}$ S 22 B T.
A juniper, 12 ins. in diam., brs. S. 54° W.,
64 lks. dist., marked $\frac{1}{4}$ S 27 B T.
61.50 Descend west slope, on spur ridge, 270 ft. to
70.00 Gulch, course SW. Ascend SE. slope, 60 ft. to
74.00 Thence along south slope.
79.98 Descend SW. slope, 45 ft. to
The cor. of secs. 21, 22, 27 and 28.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper and oak.
Undergrowth, scattering scrub oak.
Mountainous land, 32 chs.

Partial Subdivision of Township North, Range 28 East. 15.

Chains.	
	N.0° 2'W., bet. secs. 21 and 22. Through scattering timber and dense undergrowth. Descend NW. slope, 55 ft. to
14.00	Wash, course SW. Ascend SE. slope, 135 ft. to
26.00	Thence along west slope.
30.00	Descend slight NW. slope, 30 ft.
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, 1913 on S. rim, $\frac{1}{4}$ S 21 in W., and S 22 in E. half; from which, An oak, 6 ins. in diam., brs. N.75°E., 6 lks. dist., marked $\frac{1}{4}$ S 22 B T. An oak, 6 ins. in diam., brs. N.72°W., 7 lks. dist., marked $\frac{1}{4}$ S 21 B T.
46.00	Thence over level land.
50.00	Wash, course SW.
57.00	Ascend SE. slope, 225 ft.
66.00	Leave timber and undergrowth, brs. E. and W.
79.90	Trail brs. NE and 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 and 22, marked on brass cap, 1913 on S. rim, T 1 N R 28 E in N. half; S 16 in NW., S 15 in NE, S 22 in SE.; and S 21 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner. Pits impracticable. Land, level, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, oak and pine. Undergrowth, dense scrub oak, 66 chs. Mountainous land, 20 chs.
	April 11, 1914.

	April 17, 1914: At 7h. 58m. a.m., l.m.t., I set off 33° 25'N. on the lat. arc; 10°20½'N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.
	Thence I run, S. 89°57'E., on a random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 2 lks. S. of the cor., of secs. 14, 15, 22 and 23, hereinbefore described.
	Thence I run, N. 89°58'W., on a true line, bet. secs. 15 and 22. Descend SW. slope, 160 ft. to
	Through scattering timber and dense undergrowth. Descend SW. slope, 160 ft. to
4.00	Descend west slope.
7.00	Draw, course SW. Ascend SE. slope, 45 ft. to
22.00	Spur ridge, brs. SW. Descend W. slope, 150 ft.
28.30	Draw, course SW. Ascend SE. slope, 125 ft.
40.06	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, 1913 on S. rim, $\frac{1}{4}$ S 15 in N., and S 22 in S. half; from which, A juniper limb 10 ins. in diam., brs. N. 52°E., 148 lks. dist., marked $\frac{1}{4}$ S 15 B T. No other trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, north of cor. Pits impractica- ble.
60.00	Ridge, brs. NE and SW. Descend NW. slope, 315 ft. to Thence across level land in Mud Springs Gulch.

16. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

65.00 Leave Mud Springs Gulch, 4 chs. wide, course SW.
Ascend SE slope, 120 ft. Leave timber and undergrowth,
brs. NE and SW.
79.90 Mud Springs Trail, brs. NE and SW.
80.12 The cor. of secs. 15, 16, 21 and 22.
Land, level, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak and pine.
Undergrowth, dense scrub oak.
Mountainous land, 44 chs.
Note: The sky was overcast at noon, making an observa-
tion for lat. impossible. this day.

N. 0° 2' W., bet. secs. 15 and 16.
Over level land; no timber or undergrowth.
20.00 Descend north slope, 60 ft.
24.00 Enter timber and undergrowth, brs. E and W.
31.75 Wash, course NW. Ascend SW slope, 45 ft. to
33.50 Spur ridge, brs. W. Descend NW slope, 40 ft. to
36.65 Gulch, course SW. Ascend SE slope, 250 ft.
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,
1913 on S rim,
 $\frac{3}{4}$ S 16 in W., and
S 15 in E. half;
and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, west
of corner. Pits impracticable.
48.00 Ridge, brs. NE and SW. Descend NW slope, 140 ft. to
65.00 Wash, course SW. Ascend SE slope, 230 ft. to
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 and 16, marked
on brass cap,
1913 on S rim,
T 1 N R 28 E in N. half;
S 9 in NW.,
S 10 in NE.
S 15 in SE.; and
S 16 in SW. quadrant; from which,
A juniper, 6 ins. in diam., brs. S. 18° W., 235
lks. dist., marked T 1 N R 28 E S 16 B T.
No other trees within limits. Raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high, west of corner. Pits imprac-
ticable.
Land, level, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak and pine.
Undergrowth, dense scrub oak.
Mountainous land, 42 chs.

S. 89° 58' E., on a random line, bet. secs. 10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.24 Intersect N. and S. line, at the cor. of secs. 10, 11, 14
and 15, hereinbefore described.
Thence I run,
N. 89° 58' W., on a true line, bet. secs. 10 and 15.
Ascend east slope, 540 ft., through scattering timber and
dense undergrowth.
4.00 Ascend SE slope.
27.50 Ridge, brs. NE and SW. Descend west slope, 390 ft. to
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,
1913 on S rim,
 $\frac{1}{4}$ S 10 in N., and
S 15 in S. half; from which,
An oak, 10 ins. in diam., brs. N. 48° E., 52
lks. dist., marked $\frac{1}{4}$ S 10 BT.

Partial Subdivision of Township North, Range 28 East. 17.

Chains.

A juniper, 5 ins. in diam., brs. S. 32° W., 80 lks. dist., marked $\frac{1}{4}$ S 15 B T.

Descend west slope, 440 ft. to Gulch, course SW. Ascend SE. slope, 155 ft. to The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak and pine.
Undergrowth, dense scrub oak.
Mountainous land, 80.00 chs.

April 17, 1914.

April 18, 1914; At 7h. 59m. a.m., l.m.t., I set off $33^{\circ}26'$ N. on the lat. arc; $10^{\circ}41\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16, hereinbefore described.

Thence I run,
N. $0^{\circ}2'$ W., bet. secs. 9 and 10.
Through scattering timber and dense undergrowth.
Ascend SE. slope, 270 ft. to Spur ridge, brs. E. Descend NE. slope, 135 ft. to Wash, course SE. Ascend S. slope, 675 ft.

16.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
24.00 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
40.00 1913 on S rim,
 $\frac{1}{4}$ S 9 in W., and
S 10 in E. half; from which,
An oak, 14 ins. in diam., brs. N. $17\frac{1}{2}^{\circ}$ W., 23 lks. dist., marked $\frac{1}{4}$ S 9 B T.
An oak, 14 ins. in diam., brs. S. $62\frac{3}{4}^{\circ}$ E., 88 lks. dist., marked $\frac{1}{4}$ S 10 B T.

46.00 Ridge, brs. NE. and SW. Descend NW. slope, 405 ft. to
69.00 Gulch, course NE. Ascend SE. slope, 216 ft. to
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 and 10, marked on brass cap,
1913 on S. rim,
T 1 N R 28 E in N. half;
S 4 in NW.,
S 3 in NE.,
S 10 in SE., and
S 9 in SW. quadrant; from which,
A juniper, 8 ins. in diam., brs. N. $39\frac{3}{4}^{\circ}$ E., 47 lks. dist., marked T 1 N R 28 E S 3 B T.
An oak, 18 ins. in diam., brs. N. $85\frac{1}{2}^{\circ}$ W., 87 lks. dist., marked T 1 N R 28 E S 4 B T.

No other trees within limits. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
Note: At this corner, I set off $10^{\circ}44'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}27'$ N.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, oak and pine.
Undergrowth, dense scrub oak.
Mountainous land, 80 chs.

S. $89^{\circ}58'$ E., on a random line, bet. secs. 3 and 10.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.12 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 2, 3, 10 and 11, hereinbefore described.

Thence I run,
N. $89^{\circ}54'$ W., on a true line, bet. secs. 3 and 10.
Through scattering timber and dense undergrowth.
Ascend SE. slope, 80 ft. to
8.00 Ridge, brs. NE. and SW. Descend SW. slope, 360 ft. to

18. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

22.00 Gulch, course SW. Ascend SE slope, 125 ft. to
 36.00 Ridge, brs. NE. and SW. Descend west slope, 500 ft.
 40.06 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,
 1913 in S rim,
 $\frac{1}{4}$ S 3 in N., and
 S 10 in S half; from which,
 An oak, 12 ins. in diam., brs. N. 49° E., 66 lks.
 dist., marked $\frac{1}{4}$ S 3 B T.
 An oak, 5 ins. in diam., brs. S 35° E., 40
 lks. dist., marked $\frac{1}{4}$ S 10 B T.
 59.50 Draw, course N. Descend NW slope, 130 ft. to
 64.50 Gulch, course NE. Ascend SE slope, 325 ft. to
 80.12 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, pine and oak.
 Undergrowth, dense scrub oak.
 Mountainous land, 80 chs.

April 18, 1914.

April 21, 1914: At 8h. 6m. a.m., l.m.t., I set off 33°
 $22\frac{1}{2}'$ N. on the lat. arc; $11^{\circ}43\frac{1}{2}'$ N. on the decl. arc;
 and determine a meridian with the solar at the standard
 cor. of secs. 32 and 33 on south bdy. of the Tp. (G. & S.
 R. Base Line) reestablished by me, as described in Book
 "B."

Thence I run,
 N. $0^{\circ}2'$ W., bet. secs. 32 and 33.
 Through scattering timber and undergrowth, Descend N.
 slope, 80 ft. to

3.00 Gulch, course W. Ascend south slope, 180 ft. to
 13.00 Ridge, brs. E. and W. Descend NW slope, 240 ft. to
 24.00 Gulch, course SW. Ascend S. slope, 275 ft.
 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,
 1913 in S rim,
 $\frac{1}{4}$ S 32 in W., and
 S 33 in E half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 west of corner. Pits impracticable.
 48.00 Ridge, brs. NE and SW. Descend N. slope, 95 ft. to
 57.00 Wash, course W. Ascend SE slope, 95 ft. to
 64.00 Ridge, brs. E. and W. Descend N. slope, 140 ft. to
 72.00 Wash, course W. Ascend S. slope, 130 ft. to
 79.50 Spur ridge, brs. W. Descend NW slope to
 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 and 33, marked
 on brass cap,
 1913 on S rim,
 T 1 N R 28 E in N. half;
 S 29 in NW.,
 S 28 in NE.,
 S 33 in SE., and
 S 32 in SW quadrant; from which,
 A juniper, 14 ins. in diam., brs. N. $33\frac{1}{4}^{\circ}$ E., 152
 lks. dist., marked T 1 N R 28 E S 28 B T.
 A juniper, 10 ins. in diam., brs. S $47\frac{1}{2}^{\circ}$ E., 79
 lks. dist., marked T 1 N R 28 E S 33 B T.
 No other trees within limits. Raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
 Land, mountainous and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering juniper, cedar and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 66 chs.

Partial Subdivision of Township 1 North, Range 28 East, 19.

Chains.	
	East, on a random line, bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, at the cor. of secs. 27, 28, 33 and 34, hereinbefore described.
	Thence I run,
	West, on a true line, bet. secs. 28 and 33.
12.00	Ascend SE. slope, 65 ft.; no timber or undergrowth.
24.40	Ridge, brs. NE. and SW. Descend NW. slope, 105 ft. to
32.00	Draw, course SW. Ascend SE. slope, 70 ft. to
39.95	Thence over level land.
	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,
	1913 in S. rim,
	$\frac{1}{4}$ S 28 in N., and
	S 33 in S. half;
	and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, north
	of corner. Pits impracticable.
60.00	Descend NW. slope, 205 ft. to
70.00	Draw, course SW. Ascend SE. slope, 75 ft.
74.00	Thence along south slope.
79.90	Descend NW. slope, 65 ft. to
	The cor. of secs. 28, 29, 32 and 33.
	At this corner, I set off $11^{\circ} 46\frac{1}{2}'$ N. on the decl. arc; and
	at apparent noon, I observe the sun on the meridian;
	the resulting latitude is $33^{\circ} 23\frac{1}{2}'$ N.
	Land, level, rolling, hilly and mountainous.
	Soil, rocky, 4th rate.
	No timber, or undergrowth.
	Mountainous land, 20 chs.

9.50	N. $0^{\circ} 2'$ W., bet. secs. 28 and 29.
14.00	Through scattering timber and undergrowth.
15.00	Descend NW. slope, 175 ft. to
40.00	Enter Mud Springs Gulch, course SW.
	Leave gulch; ascend south slope, 275 ft.
	Leave timber and undergrowth, brs. NE. and SW.
	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,
	1913 on S. rim,
	$\frac{1}{4}$ S 29 in W., and
	S 28 in E. half;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
	of corner. Pits impracticable.
48.00	Thence over level land.
56.00	Descend NW. slope, 85 ft. to
67.00	Wash, course SW. Ascend SE. slope, 150 ft. to
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 and 29, marked
	on brass cap,
	1913 on S. rim,
	T 1 N R 28 E in N. half;
	S 20 in NW.,
	S 21 in NE.,
	S 28 in SE., and
	S 29 in SW. quadrant;
	and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
	west of corner. Pits impracticable.
	Land, level, rolling and mountainous.
	Soil, rocky, 4th rate.
	Timber, scattering cedar and oak.
	Undergrowth, scattering scrub oak on north slopes, and in
	gulches only.
	Mountainous land, 34 chs.

40.00	East, on a random line, bet. secs. 21 and 28.
	Set temp. $\frac{1}{4}$ sec. cor.

20. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

80.02 Intersect N. and S. line at the cor. of secs. 21, 22, 27 and 28, hereinbefore described.
Thence I run,
West, on a true line, bet. secs. 21 and 28.
Through scattering timber and undergrowth.
Descend west slope, 105 ft. to
4.50 Wash, course SW. Ascend E. slope, 25 ft. to
6.20 Short narrow spur ridge, brs. S. Descend west slope, 40 ft. to
7.50 Mud Springs gulch, course S. Ascend east slope, 170 ft. to
31.00 Ridge, brs. NE and SW. Descend NW. slope, 115 ft.
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,
1913 on S. rim,
 $\frac{1}{4}$ S 21 in N., and
S 28 in S. half; from which,
An oak, 16 ins. in diam., brs. N. $54\frac{1}{2}^{\circ}$ W., 41 lks. dist., marked $\frac{1}{4}$ S 21 BT.
An oak, 10 ins. in diam., brs. S. 82° W., 12 lks. dist., marked $\frac{1}{4}$ S 28 B T.
40.50 Draw, course SW. Ascend SE. slope, 40 ft. to
54.00 Ridge, brs. NE and SW. Descend NW. slope, 105 ft. to
63.00 Wash, course SW. Ascend SE. slope, 40 ft. to
80.02 The cor. of secs. 20, 21, 28 and 29.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar and oak.
Undergrowth, scattering scrub oak in gulches, and on NW. slopes only.

April 21, 1914.

April 22, 1914: At 8h. 32m. a.m., l.m.t., I set off 33° $24\frac{1}{2}'$ N. on the lat. arc; $12^{\circ}4\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29, hereinbefore described.

Thence I run,
N. $0^{\circ}2'$ W., bet. secs. 20 and 21.
Ascend slight SE. slope, 20 ft.; no timber or undergrowth.
6.00 Ridge, brs. NE and SW. Descend NW. slope, 150 ft. to
14.00 Gulch, course SW. Ascend SE. slope, 180 ft. to
26.00 Spur ridge, brs. SW. Descend NW. slope.
34.25 Draw, course SW. Ascend SE. slope, 50 ft. to
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,
1913 on S. rim,
 $\frac{1}{4}$ S 20 in W., and
S 21 in E. half;
and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
45.00 Ridge, brs. NE and SW. Descend NW. slope, 205 ft. to
56.00 Gulch, course west. Ascend S. slope, 280 ft. to
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 and 21, marked on brass cap,
1913 on S. rim,
T 1 N R 28 E in N. half;
S 17 in NW.
S 16 in NE.;
S 21 in SE., and
S 20 in SW. quadrant;
and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of corner. Pits impracticable.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar and oak.
Undergrowth, scattering scrub oak in gulches, and on north slopes only.
Mountainous land, 36 chs.

Partial Subdivision of Township 1 North, Range 28 East 21.

Chains.	East, on a random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 15, 16, 21 and 22, hereinbefore described.
	Thence I run,
	N. $89^{\circ}55'$ W., on a true line, bet. secs. 16 and 21.
	Descend NW. slope, 120 ft.; no timber or undergrowth.
14.00	Draw, course SW. Ascend SE. slope, 20 ft. to
20.00	Descend slight SW. slope, 30 ft. to
40.04	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 16 in N., and S 21 in S. half;
	and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of corner. Pits impracticable.
	Descend SW. slope, 120 ft. to
52.00	Wash, course NW. Ascend east slope, 15 ft. to
54.00	Spur ridge, brs. N. Descend W. slope, 30 ft. to
59.00	Gulch, course SW. Ascend SE. slope, 135 ft. to
72.00	Thence over level land.
80.08	The cor. of secs. 16, 17, 20 and 21.
	Note: At this corner, I set off $12^{\circ} 6\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}25'$ N.
	Land, level, rolling, hilly and mountainous.
	Soil, rocky, 4th rate.
	Timber, scattering cedar and oak in gulch, only.
	Undergrowth, scattering scrub oak in gulches only.
	Mountainous land, 10 chs.
	N. $0^{\circ}2'$ W., bet. secs. 16 and 17.
	Over level land, through scattering timber and undergrowth.
4.00	Descend NE. slope. 150 ft. to
20.00	Wash, course NW. Ascend SW. slope, 150 ft. to
32.00	Ridge, brs. E. and W. Descend N. slope, 170 ft. to
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, 1913 in S. rim, $\frac{1}{4}$ S 17 in W., and S 16 in E. half; from which,
	A pine, 14 ins. in diam., brs. N. $84\frac{1}{2}^{\circ}$ E., 81 lks. dist., marked $\frac{1}{4}$ S 16 B T.
	A pine, 10 ins. in diam., brs. N. 71° W., 190 lks. dist., marked $\frac{1}{4}$ S 17 B T.
41.75	Gulch, course W. Ascend SW. slope, 100 ft. to
50.00	Spur ridge, brs. W. Descend N. slope, 60 ft. to
52.00	Wash, course W. Ascend SW. slope, 10 ft. to
55.00	Spur ridge, brs. SW. Descend NW. slope, 50 ft. to
56.50	Ascend in wash, 155 ft.
58.00	Ascend SW. slope.
75.00	Spur ridge, brs. west. Descend N. slope, 95 ft. to
78.00	Gulch, course SW. Ascend SE. slope, 25 ft. to
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 and 17, marked on brass cap, 1913 on S. rim, T 1 N R 28 E in N. half; S 8 in NW., S 9 in NE., S 16 in SE., and S 17 in SW. quadrant; from which,
	A pine, 14 ins. in diam., brs. N. 20° E., 90 lks. dist., marked T 1 N R 28 E S 9 B T.
	A pine, 10 ins. in diam., brs. S. $78\frac{1}{2}^{\circ}$ E., 78 lks. dist., marked T 1 N R 28 E S 16 B T.
	A juniper, 12 ins. in diam., brs. S. $16\frac{1}{2}^{\circ}$ W., 158 lks. dist., marked T 1 N R 28 E S 17 B T.

22. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

A pine, 10 ins. in diam., brs. N. $27\frac{3}{4}^{\circ}$ W., 101 lks. dist., marked T 1 N R 28 E S 8 B T.
 Land, level, rolling, hilly and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering cedar, pine and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 50 chs.

40.00 S. $89^{\circ} 55'$ E., on a random line, bet. secs. 9 and 16.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line, 9 lks. south of the cor. of secs. 9, 10, 15 and 16, hereinbefore described.
 Thence I run,
 N. $89^{\circ} 59'$ W., bet. secs. 9 and 16.
 Through scattering timber and undergrowth.
 Ascend SE. slope, 150 ft. to
 18.00 Spur ridge, brs. S. Descend SW. slope, 155 ft. to
 30.00 Draw, course S. Ascend SE. slope, 45 ft.
 34.00 Ridge, brs. SW. and SE. Descend W. slope, 100 ft. to
 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, 1913 on S. rim, $\frac{1}{4}$ S 9 in N., and S 16 in S. half; from which,
 An oak, 6 ins. in diam., brs. N. 70° E., 38 lks. dist., marked $\frac{1}{4}$ S 9 B T.
 An oak, 6 ins. in diam., brs. S. 38° E., 45 lks. dist., marked $\frac{1}{4}$ S 16 B T.
 Descend W. slope, 110 ft. to
 45.30 Draw, course SW. Ascend E. slope, 145 ft. to
 50.00 Ridge, brs. NE. and SW. Descend NW. slope, 260 ft. to
 64.00 Draw, course N. Ascend NE. slope, 30 ft. to
 68.00 Thence along north slope.
 70.00 Descend NW. slope, 140 ft. to
 78.00 Gulch, course SW. Ascend SE. slope, 30 ft. to
 80.02 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling, hilly and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering cedar and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 64 chs.

April 22, 1914.

April 25, 1914. At 7h. 57m. a.m., l.m.t., I set off $33^{\circ} 26'$ N. on the lat. arc; $13^{\circ} 4'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 8, 9, 16 and 17.
 Thence I run,
 N. $0^{\circ} 2'$ W., bet. secs. 8 and 9.
 Through scattering timber and undergrowth.
 Ascend SE. slope, 220 ft. to
 15.65 Ridge, brs. E. and W. Descend NE. slope, 235 ft. to
 33.00 Draw, course NW. Ascend SW. slope.
 34.00 Low short spur ridge, brs. W. Descend NW. slope.
 35.00 Wash, course W. Ascend S. slope, 85 ft. to
 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, 1913 on S. rim, $\frac{1}{4}$ S 8 in W., and S 9 in E. half; from which,
 A juniper, 10 ins. in diam., brs. N. 79° E., 14 lks. dist., marked $\frac{1}{4}$ S 9 B T.
 A juniper, 10 ins. in diam., brs. S. $31\frac{1}{2}^{\circ}$ W., 97 lks. dist., marked $\frac{1}{4}$ S 8 B T.

Partial Subdivision of Township 1 North, Range 28 East. 23.

Chains.	<p>Ascend SW. slope, 80 ft. to 46.00 Ridge, brs. E. and W. Descend N. slope, 115 ft. to 50.00 Gulch, course W. Ascend S. slope, 155 ft. to 58.00 Ridge, brs. E. and W. Descend NW. slope, 145 ft. to 72.00 Gulch, course W. Ascend S. slope, 85 ft. to 78.00 Ridge, brs. E. and W. Descend N. slope, 45 ft. to 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 and 9, marked on brass cap, 1913 on S. rim, T 1 N R 28 E in N. half; S 5 in NW., S 4 in NE., S 9 in SE., and S 8 in SW. quadrant; from which, An oak, 10 ins. in diam., brs. N. 84° E., 102 lks. dist., marked T 1 N R 28 E S 4 B T. A pine, 5 ins. in diam., brs. S. 52½° E., 121 lks. dist., marked T 1 N R 28 E S 9 B T. A juniper, 14 ins. in diam., brs. S. 11° W., 65 lks. dist., marked T 1 N R 28 E S 8 B T. A pine, 10 ins. in diam., brs. N. 86¼° W., 118 lks. dist., marked T 1 N R 28 E S 5 B T.</p> <p>Land, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering pine, oak and cedar. Undergrowth, scattering scrub oak. Mountainous land, 64 chs.</p> <p>-----</p> <p>S. 89° 59' E., on a random line, bet. secs. 4 and 9. 40.00 Set temp. ¼ sec. cor. 80.18 Intersect N. and S. line, 21 lks. S. of the cor. of secs. 3, 4, 9 and 10, hereinbefore described. Thence I run, S. 89° 52' W., on a true line, bet. secs. 4 and 9. Through scattering timber and dense undergrowth. Ascend SE. slope, 50 ft. to 4.00 Thence over level land. 10.00 Ascend NE. slope, 100 ft. to 32.00 Ridge, brs. NW. and SE. Descend SW. slope, 855 ft. to 40.09 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 4 in N., and S 9 in S. half; from which, A pine, 8 ins. in diam., brs. S. 69° E., 131 lks. dist., marked ¼ S 9 B T.</p> <p>No other trees within limits. Raise a mound of stone 2 ft. base, 1½ ft. high, north of cor. Pits impracti- cable.</p> <p>Continue to descend west slope. 43.66 Top of rock cliff, 140 ft. to bottom, brs. N. and S. 44.75 Foot of cliff, brs. N. and S. Continue to descend west slope. 56.00 Draw, course SW. Descend SW. slope. 70.00 Descend west slope. 74.60 Draw, course N. Ascend NE. slope, 55 ft. to 80.18 The cor. of secs. 4, 5, 8 and 9. Note: At this corner, I set off 13° 6½' N. on the decl. arc; and at apparent noon, I observe the sun on the meri- dian; the resulting lat. is 33° 27' N.</p> <p>Land, rolling, hilly and mountainous. Soil, rocky, 4th rate. Timber, scattering juniper, pine and oak. Undergrowth, dense scrub oak. Mountainous land, 60 chs.</p> <p>-----</p>
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24. Partial Subdivision of Township 1 North, Range 28 East
Chains.

N.0° 2' W., on a true line, bet secs. 4 and 5.
Through scattering timber and undergrowth. Descend NW.
slope, 55 ft. to

4.00 Gulch, course SW. Ascend SE. slope, 760 ft.

21.00 Trail, brs. NE. and 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,
1913 on S. rim,
 $\frac{1}{4}$ S 5 in W., and
S 4 in E. half; from which,
An oak, 10 ins. in diam., brs. N. 27 $\frac{3}{4}$ ° W., 48 lks.
dist., marked $\frac{1}{4}$ S 5 B T.
An oak, 10 ins. in diam., brs. N. 76 $\frac{1}{2}$ ° E., 150 lks.
dist., marked $\frac{1}{4}$ S 4 B T.

41.00 Ridge, brs. NE. and SW. Descend NW. slope, 20 ft. to

44.00 Thence along west slope.

48.00 Descend N. slope, 290 ft. to

56.00 Descend NE. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for cor. of secs. 4, 5, 32 and 33, on north
bdy. of Tp., marked on brass cap,
1913 on S. rim,
T 2 N in N.,
T 1 N in S., and
R 28 E in W. half;
S 32 in NW.,
S 33 in NE.;
S 4 in SE., and
S 5 in SW. quadrant; from which,
A juniper, 8 ins. in diam., brs. W. 19 $\frac{1}{4}$ ° E.,
133 lks. dist., marked T 2 N R 28 E S 33
B T, 24
A juniper, 24 ins. in diam., brs. S. 62° E., 40
lks. dist., marked T 1 N R 28 E S 4 B T.
A juniper, 26 ins. in diam., brs. S. 30° W., 187
lks. dist., marked T 1 N R 28 E S 5 B T.
A juniper, 20 ins. in diam., brs. N. 69° W., 145
lks. dist., marked T 2 N R 28 E S 32 B T.

Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering juniper, pine and oak.
Undergrowth, scattering scrub oak.
Mountainous land, 48 chs.

April 25, 1914.

April 23, 1914: At 7h. 54m. a.m., l.m.t., I set off
12° 24' N. on the decl. arc; 33° 22 $\frac{1}{2}$ ' N. on the lat. arc;
and determine a meridian with the solar at the stand-
ard cor. of secs. 31 and 32, on south bdy. of the Tp.,
(G. & S.R. Base Line) reestablished by me as described
in Book "B."

Thence I run,
N. 0° 3' W., bet. secs. 31 and 32.
Through scattering timber and undergrowth.
Ascend SW. slope, 15 ft. to

2.00 Thence along west slope.

18.00 Descend NW. slope, 80 ft. to

27.00 Enter Mud Springs Gulch, course SW.

31.00 Leave Mud Springs Gulch; ascend SE. slope, 185 ft.

34.50 Mud Springs trail, brs. NE. and 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,
1913 on S. rim,
 $\frac{1}{4}$ S 31 in W., and
S 32 in E. half;
and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, west
of corner. Pits impracticable.

52.00 Ridge, brs. NE. and SW. Descend NW. slope, 85 ft. to

Partial Subdivision of Township 1 North, Range 28 East. 25.

Chains.

61.50 Draw, course SW. Ascend SE. slope, 50 ft. to
 76.00 Ridge, brs. NE. and SW. Descend NW. slope, 55 ft. to
 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 and 32. marked
 on brass cap,
 1913 on S. rim,
 T 1 N R 28 E in N. half;
 S 30 in NW.,
 S 29 in NE.,
 S 32 in SE., and
 S 31 in SW. quadrant; from which,
 A cedar limb, 10 in. in diam., brs. N. $43\frac{1}{2}^{\circ}$ E., 76
 lks. dist., marked T 1 N R 28 E S 29 BT.
 A cedar, 6 ins. in diam., brs. S. $5\frac{1}{4}^{\circ}$ E., 123 lks.
 dist., marked T 1 N R 28 E S 32 B T.
 A pine, 8 ins. in diam., brs. S. $22\frac{1}{2}^{\circ}$ W., 113 lks
 dist., marked T 1 N R 28 E S 31 B T.
 A cedar limb, 10 ins. in diam., brs. N. 69° W.,
 85 lks. dist., marked T 1 N R 28 E S 30 BT.
 Land, rolling, hilly and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering cedar and oak.
 Undergrowth, scattering scrub oak and mesquite.
 Mountainous land, 14 chs.

 40.00 East, on a random line, bet. secs. 29 and 32.
 79.90 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29,
 32 and 33, hereinbefore described.
 Thence I run,
 N. $89^{\circ}58'$ W., on a true line, bet. secs. 29 and 32.
 Through scattering timber and undergrowth. Descend NW.
 slope, 205 ft. to
 10.00 Enter Mud Springs Gulch, course SW.
 19.50 Leave Mud Springs Gulch; ascend SE. slope, 110 ft.
 21.00 Leave timber and undergrowth, brs. NE. and SW.
 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 29 in N., and
 S 32 in S. half;
 and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, north
 of corner. Pits impracticable.
 Thence along south slope.
 50.50 Descend NW. slope, 130 ft. to
 58.00 Draw, course SW. Ascend SE. slope, 75 ft. to
 68.00 Ridge, brs. NE. and SW. Descend NW. slope, 190 ft. to
 79.90 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling, hilly and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering cedar and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 30 chs.

 West, on a true line, bet. secs. 30 and 31.
 Through scattering timber and undergrowth. Descend NW.
 slope, 100 ft. to
 10.00 Gulch, course SW. Ascend SE. slope, 25 ft. to
 14.00 Spur ridge, brs. S. Descend SW. slope, 30 ft. to
 19.50 Draw, course S. Ascend SE. slope, 60 ft. to
 24.00 Thence along south slope.
 26.00 Descend west slope, 95 ft. to
 33.00 Enter Eagle Creek bottom; thence over level land.
 38.60 Eagle Creek, 65 lks. wide, 4 ins. deep, course S.
 40.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in

26. Partial Subdivision of Township 1 North, Range 28 E.

Chains.

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, 1913 on S. rim, $\frac{1}{4}$ S 30 in N., and S 31 in S. half; from which,
 A sycamore, 10 ins. in diam., brs. N. $11\frac{1}{4}^{\circ}$ W., 172 lks. dist., marked $\frac{1}{4}$ S 30 B T.
 A sycamore, 20 ins. in diam., brs. S. $31\frac{1}{2}^{\circ}$ W., 116 lks. dist., marked $\frac{1}{4}$ S 31 B T.

44.65 Wagon road, brs. NE. and SW.
 49.35 Irrigation ditch 8 lks. wide, 6 ins. deep, course SW.
 49.35 Leave Eagle Creek bottom; ascend SE. slope.
 50.60 Harris Ranch house brs. S. $42\frac{1}{2}^{\circ}$ W., about 18 chs. dist.
 51.30 Trail brs. N. and S.
 53.50 Thence over level land.
 64.00 Draw, course SE. Ascend SW. slope, 30 ft. to
 66.00 Thence over level land.
 78.79 Intersect the East bdy. of the White Mountain Indian Reservation, 13.96 chs. north of the 36 mile cor., reestablished by me, as described in Book "C."

At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, marked on brass cap, 1913 on S. rim, C C W of center, W M I R in W. half; S 30 in NE., and S 31, T 1 N R 28 E in SE. quadrant; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of corner. Pits impracticable.

Obs: At this corner I set off $12^{\circ}26\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}23\frac{1}{2}'$ N.

Land, level, rolling and hilly.
 Soil, rocky, 4th rate.
 Timber, scattering cedar, pine, sycamore and cottonwood.
 Undergrowth, scattering mesquite, scrub oak and cacti.

N. $0^{\circ}3'$ W., bet. secs. 29 and 30.
 Through scattering timber and undergrowth.
 Descend N. slope, 35 ft. to
 3.00 Gulch, course SW. Ascend S. slope, 315 ft. to
 22.50 Ridge, brs. NE. and SW. Descend NW. slope, 280 ft. to
 34.00 Gulch, course W. Ascend S. slope, 165 ft.
 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, 1913 on S. rim, $\frac{1}{4}$ S 30 in W., and S 29 in E. half; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

44.00 Ridge, brs. NE. and SW. Descend NW. slope, 130 ft. to
 55.00 Wash, course SW. Ascend SE. slope, 160 ft. to
 66.00 Ridge, brs. NE. and SW. Descend NW. slope, 100 ft.
 72.60 Wire fence brs. NE. and SW.
 74.50 Wash, course SW. Ascend S. slope, 110 ft. to
 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 and 30, marked on brass cap, 1913 on S. rim, T 1 N R 28 E in N. half; S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.

Land, rolling, hilly and mountainous.

Partial Subdivision of Township 1 North, Range 28 East. 27.

Chains.

Soil, rocky, 4th rate.
Timber, scattering cedar, pine and oak.
Undergrowth, scattering scrub oak.
Mountainous land, 64 chs.

40.00 S.89°58'E., on a random line, bet. secs.20 and 29.
79.70 Set temp. 1/4 sec.cor.
Intersect N.and S. line, 2 lks.north of the cor. of secs.
20,21, 28 and 29, hereinbefore described.

Thence I run,
N.89°57'W., on a true line, bet. secs.20 and 29.
Through scattering timber and undergrowth.
Ascend slight SE slope, to
6.00 Ridge, brs.NE and SW. Descend NW slope, 250 ft.to
27.00 Gulch, course SW. Ascend SE slope, 160 ft.
39.85 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,
1913 in S.rim,
1/4 S 20 in N., and
S 29 in S.half;
and raise a mound of stone 2 ft.base, 1 1/2 ft. high,N.
of corner. Pits impracticable.

42.00 Ridge, brs. NE and SW. Descend NW slope, 255 ft.to
55.45 Gulch, course SW. Ascend SE slope, 70 ft.to
63.70 Ridge, brs.NE and SW. Descend NW slope, 135 ft.to
65.45 Wire fence brs.NE and SW.
72.00 Draw, course SW. Ascend SE slope, 55 ft.to
79.70 The cor. of secs.19,20, 29 and 30.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar.
Undergrowth, scattering scrub oak.
Mountainous land, 48 chs.

West, on a true line, bet . secs. 19 and 30.
Along south slope, through scattering timber and under-
growth.
2.00 Descend SW. slope, 10 ft.to
6.00 Draw, course S. Ascend SE slope, 55 ft.to
10.00 Spur ridge, brs. SW. Descend W slope, 230 ft.
11.18 John J. Fillman's ranch house brs. S.62° W.
26.00 Draw, course SW. Descend SW slope, 60 ft.to
33.35 Small irrigation ditch, course SE.
Enter Eagle Creek bottom.
33.95 Wire fence brs.NW and SE.
34.80 Eagle Creek, 120 lks.wide, 1 to 8 ins.deep, course SE.
37.75 Irrigation ditch, 2 ft.wide, 1 ft. deep, course SE.
39.55 Wagon road brs.NW and SE.
Trail, brs.NW and SE.
Leave Eagle Creek bottom; ascend NE slope.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for 1/4 sec.cor., marked on brass cap,
1913 on S.rim,
1/4 S 19 in N., and
S 30 in S.half; from which,
A sycamore, 20 ins. in diam., brs.N°26°E., 55
lks.dist., marked 1/4 S 19 BT.
An oak, 10 ins. in diam., brs.S.64°E., 23 lks.
dist., marked 1/4 S 30 BT.
John J.Fillman's house brs.S.50°E.
50.00 Ascend SE slope, 285 ft.to
64.00 Spur ridge, brs.SE. Descend SW slope, 20 ft.to
69.00 Draw, course SE. Ascend SE slope, 55 ft.to
78.00 Spur ridge, brs.SE. Descend SW slope, 10 ft.to
78.66 Intersect the E. bdy. of the White Mountain Indian Reser-
vation, 14,14 chs. N.of the 35 mile cor., reestablished

28. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

by me as described in Book "C."
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. in diam., 24 ins. in the ground, for closing
 cor. of secs. 19 and 30, marked on brass cap,
 1913 on S. rim,
 C C W. of center,
 W M I R in W. half;
 S 19 in NE., and
 S 30, T 1 N R 28 E in SE. quadrant; from
 which,
 An oak, 14 ins. in diam., brs. S. $15\frac{1}{4}^{\circ}$ E., 203
 lks. dist., marked C C T 1 N R 28 E S 30 B T.
 No other trees within limits. Raise a mound of stone, 2
 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Pits impracticable.
 Land, level, rolling, hilly and mountainous.
 Soil, 2nd to 4th rate.
 Timber, scattering cedar, oak, cottonwood and sycamore.
 Undergrowth, scattering scrub oak and mesquite.
 Mountainous land, 44 chs.

April 23, 1914.

April 24, 1914: At 8h. 10m. a.m., l.m.t., I set off 33°
 $24\frac{1}{2}'$ N. on the lat. arc; $12^{\circ}44'$ NE on the decl. arc; and
 determine a meridian with the solar at the cor. of secs.
 19, 20, 29 and 30, hereinbefore described.

Thence I run,

N. $0^{\circ}3'$ W., bet. secs. 19 and 20.Through scattering timber and undergrowth. Ascend south
 slope, 205 ft. to

10.00 Ridge, brs. E. and W. Descend N. slope, 250 ft.

16.80 Wire fence, brs. E. and W.

20.00 Gulch, course NW. Ascend SW. slope, 275 ft. to

33.00 Ascend SE. slope.

39.50 Ridge, brs. E. and W. Descend NW. slope, 185 ft.

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,

1913 on S. rim,

 $\frac{1}{4}$ S 19 in W., and

S 20 in E. half; from which,

A pine, 10 ins. in diam., brs. S. 77° E., 50 lks.
 dist., marked $\frac{1}{4}$ S 20 B T.A pine, 10 ins. in diam., brs. N. 65° W., 121 lks.
 dist., marked $\frac{1}{4}$ S 19 B T.

46.75 Gulch, course SW. Ascend S. slope, 145 ft. to

52.00 Spur ridge, brs. SW. Descend NW. slope, 220 ft. to

59.50 Ascend in gulch.

62.00 Leave gulch; ascend SW. slope.

64.00 Short spur ridge, brs. W. Descend NW. slope.

67.00 Wash, course SW. Ascend S. slope, 355 ft.

76.00 Ascend SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 17, 18, 19 and 20, marked on
 brass cap, 1913 in S. rim,

T 1 N R 28 E in N. half;

S 18 in NW.,

S 17 in NE.,

S 20 in SE., and

S 19 in SW. quadrant; from which,

A pine, 8 ins. in diam., brs. S. $23\frac{1}{2}^{\circ}$ E., 195
 lks. dist., marked T 1 N R 28 E S 20 B T.A pine, 12 ins. in diam., brs. N. $6\frac{1}{4}^{\circ}$ W., 22
 lks. dist., marked T 1 N R 28 E S 18 B T.No other trees within limits; raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

Land, mountainous and hilly.

Soil, rocky, 4th rate.

Timber, scattering cedar, pine and oak.

Partial Subdivision of Township 1 North, Range 28 East. 29.

Chains.

Undergrowth, scattering scrub oak and buck brush.
Mountainous land, 74 chs.

40.00 S. $89^{\circ}57'$ E., on a random line, bet. secs. 17 and 20.
Set temp. $\frac{1}{4}$ sec. cor.
79.70 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 16, 17,
20 and 21, hereinbefore described.
Thence I run,
West, on a true line, bet. secs. 17 and 20.
Over level land, through scattering timber.
2.00 Along south slope.
14.00 Ascend SE. slope, 75 ft. to
26.00 Ridge, brs. N. and S. Descend W. slope, 125 ft. to
39.85 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,
1913 on S. rim,
 $\frac{1}{4}$ S 17 in N., and
S 20 in S. half; from which,
A juniper, 10 ins. in diam., brs. N. 22° W., 82
lks. dist., marked $\frac{1}{4}$ S 17 B T.
No other trees within limits; raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, north of cor. Pits impracticable.
Descend south slope, 250 ft.
47.46 Wire fence brs. NW. and SE.
57.70 Draw, course N. Ascend NE. slope, 25 ft. to
60.00 Thence along north slope.
62.00 Descend NW. slope, 145 ft. to
67.70 Gulch, course SW. Ascend SE. slope, 305 ft.
69.65 Wire fence brs. NE. and SW.
79.70 The cor. of secs. 17, 18, 19 and 20.
Note: At this cor., I set off $12^{\circ}47'$ N. on the decl. arc;
and at apparent noon, I observe the sun on the meri-
dian; the resulting latitude is $33^{\circ}25'$ N.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar and pine.
Undergrowth, scattering scrub oak.
Mountainous land, 38 chs.

West, on a true line, bet. secs. 18 and 19.
Through scattering timber and undergrowth. Ascend SE.
slope, 130 ft. to
8.00 Ridge, brs. NE. and SW. Descend NW. slope, 575 ft. to
35.00 Descend in draw, course W.
38.76 Eagle Creek, 40 lks. wide, 14 ins. deep, course SE.
Thence over level 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
1913 on S. rim,
 $\frac{1}{4}$ S 18 in N., and
S 19 in S. half; from which,
A cottonwood, 20 ins. in diam., brs. N. 24° E., 70
lks. dist., marked $\frac{1}{4}$ S 18 B T.
A cottonwood, 18 ins. in diam., brs. S. 31° E., 67
lks. dist., marked $\frac{1}{4}$ S 19 B T.
Dick Miller's house brs. S. 10° E., about 10 chs. dist.
43.57 Wire fence brs. NE. and SW.
44.10 Trail brs. NE. and SW.
Leave Eagle Creek bottom; ascend SE. slope, 485 ft.
Miller's corral brs. S. about 3 chs. dist.
58.00 Ascend east slope.
72.00 Ridge, brs. NW. and SE. Descend NW. slope, 40 ft. to
78.53 Intersect east bdy. of White Mountain Indian Reservation,
13.95 chs. north of the $\frac{3}{4}$ mile cor., reestablished by
me, as described in Book "C."
At the point of intersection, set an iron post, 3 ft. long,

30. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

2 ins. in diam., 24 ins. in the ground, for closing cor.
of secs. 18 and 19, marked on brass cap,

1913 in S.rim,

C C W.of center,

W M I R in.W.half;

S 18 in NE, and

S 19, T 1 N R 28 E in SE.quadrant; from

which,

A juniper limb, 22 ins. in diam., brs.N.70 $\frac{1}{2}$ °E.,
289 lks.dist., marked T 1 N R 28 E S 18BT.

A pine, 14 ins. in diam., brs.S.62°E.,305 lks.
dist., marked T 1 N R 28 E S 19 B T.

Land, level, rolling, hilly and mountainous.

Soil, 2nd to 4th rate.

Timber, scattering cedar, pine, cottonwood, sycamore and
oak.

Undergrowth, scattering scrub oak, catclaw and cacti.

Mountainous land, 60 chs.

N.0°3'W., bet. secs.17 and 18.

Through scattering timber and undergrowth. Ascend SE.
slope, 90 ft.to

11.00 Ridge, brs.NE and SW. Descend NW. slope, 385 ft.

11.90 Wire fence brs.E and W.

26.50 Gulch, course SW. Ascend SE. slope, 445 ft.

36.50 Draw, course SE. Ascend S. 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,

1913 on S.rim,

$\frac{1}{4}$ S 18 in W., and

S 17 in E.half; from which,

A pine, 6 ins. in diam., brs.east 22 lks.dist.,
marked $\frac{1}{4}$ S 17 B T.

A pine, 10 ins. in diam., brs.S.22°W., 15 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

~~51.00 Thence along east slope.~~

~~52.00 Descend NE. slope, 240 ft.to~~

~~72.00 Draw, course SE. Ascend SW. slope, 115 ft.to~~

~~80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.7,8,17 and 18,marked on
brass cap,~~

~~1913 on S.rim, and~~

~~S 17 in E.half; from which,~~

~~A pine, 6 ins. diam., brs.east, 22 lks.dist.,
marked $\frac{1}{4}$ S 17 B T.~~

~~A pine, 10 ins. in diam., brs. S., 22° W., 15
lks.dist., marked $\frac{1}{4}$ S 18 BT.~~

51.00 Thence along east slope.

52.00 Descend NE. slope, 240 ft.to

72.00 Draw, course SE. Ascend SW. slope, 115 ft.to

80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.7,8,17 and 18, marked on
brass cap,

1913 in S.rim,

T 1 N R 28 E in N.half;

S 7 in NW.,

S 8 in NE.,

S 17 in SE., and

S 18 in SW. quadrant; from which,

A pine, 6 ins. in diam., brs.N.56 $\frac{1}{4}$ °E., 112 lks.
dist., marked T 1 N R 28 E S 8 B T.

A pine, 8 ins. in diam., brs.S.68 $\frac{1}{2}$ °E.,116 lks.
dist., marked T 1 N R 28 E S 17 B T.

A pine, 10 ins. in diam., brs.S.15 $\frac{3}{4}$ °W.,162 lks.
dist., marked T 1 N R 28 E S 18 B T.

A pine, 8 ins. in diam., brs.N.74 $\frac{1}{2}$ °W., 128
lks.dist., marked T 1 N R 28 E S 7 B T.

Land, rolling, hilly and mountainous.

Partial Subdivision of Township 1 North, Range 28 East, 31.

Chains.

Soil, rocky, 4th rate.
 Timber, scattering pine, oak and cedar.
 Undergrowth, scattering scrub oak.
 Mountainous land, 60 chs.

April 24, 1914.

April 25, 1914.

40.00 East, on a random line, bet. secs. 8 and 17.
 79.68 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 8,
 9, 16 and 17.
 Thence I run,
 S. $89^{\circ}54'$ W., on a true line, bet. secs. 8 and 17.
 Through scattering timber and undergrowth. Ascend SE.
 slope, 155 ft.
 2.50 Draw, course S. Ascend E. slope.
 6.00 Ascend SE. slope.
 12.00 Ridge, brs. NE. and SW. Descend NW. slope, 40 ft. to
 16.00 Draw, course N. Ascend NE. slope, 35 ft. to
 22.00 Thence along north slope.
 26.00 Descend NW. slope, 40 ft. to
 28.00 Draw, course N. Ascend NE. slope, 25 ft. to
 30.00 Ridge, brs. NW. and SE. Descend SW. slope, 175 ft. to
 39.84 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 8 in N., and
 S 17 in S. half; from which,
 A pine, 8 ins. in diam., brs. N. $78\frac{1}{2}^{\circ}$ E., 76 lks.
 dist., marked $\frac{1}{4}$ S 8 B T.
 An oak, 10 ins. in diam., brs. S. 7° W., 39 lks.
 dist., marked $\frac{1}{4}$ S 17 B T.
 Descend SW. slope, 175 ft. to
 62.00 Wash, course S. Ascend east slope, 90 ft. to
 73.70 Thence along south slope.
 79.68 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling, hilly and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering pine, oak and cedar.
 Undergrowth, scattering scrub oak.
 Mountainous land, 28 chs.

April 25, 1914.

April 27, 1914: At 8h. 5m., a.m., l.m.t., I set off 33°
 $26'$ N. on the lat. arc; $13^{\circ}43'$ N. on the decl. arc, and
 determine a meridian with the solar at the cor. of secs.
 7, 8, 17 and 18, hereinbefore described.

Thence I run,
 West, on a true line, bet. secs. 7 and 18.
 Through scattering timber and undergrowth. Ascend SE.
 slope, 45 ft. to
 6.00 Spur ridge, brs. S. Descend SW. slope, 15 ft. to
 12.00 Draw, course SE. Ascend E. slope, 115 ft. to
 22.00 Ridge, brs. N. and S. Descend SW. slope, 475 ft.
 36.00 Descend W. 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 7 in N., and
 S 18 in S. half; from which,
 A cedar, 6 ins. in diam., brs. N. 7° E., 18 lks.
 dist., marked $\frac{1}{4}$ S 7 B T.
 A pine, 12 ins. in diam., brs. S. 51° W., 102
 lks. dist., marked $\frac{1}{4}$ S 18 B T.
 Descend in wash, course west.

32. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

- 49.00 Enter Eagle Creek bottom.
 50.22 Eagle Creek, 18 lks. wide, 12 ins. deep, course SE.
 55.05 Trail, brs. NSE. and NW.
 51.45 Fence brs. N. and S. Enter cultivated land.
 57.75 Leave cultivated land. Ascend NE. slope.
 59.55 Wire fence brs. N. and S.
 60.00 Draw, course NE. Ascend SE. slope, 270 ft.
 Lee Hagen's barn brs. north, about 1 ch. dist.
 Blacksmith shop brs. N. 5° E., about 3 chs. dist.
 House brs. N. 5° W., about 2 chs. dist.
 Thence along north slope.
 76.00
 78.43 Intersect the east bdy. of the White Mountain Indian Reservation, 13.86 chs. north of the 33 mile corner, reestablished by me, as described in Book "C."
 At the point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing corner of secs. 7 and 18, marked on brass cap,
 1913 on S. rim,
 C C W of center,
 W M I R in W. half;
 S 7 in NE., and
 S 18, T 1 N R 28 E in SE. quadrant; from
 which,
 An oak, 10 ins. in diam., brs. N. $46\frac{1}{2}^{\circ}$ E., 58 lks. dist., marked T 1 N R 28 E S 7 B T.
 A pine, 10 ins. in diam., brs. S. $70\frac{3}{4}^{\circ}$ E., 74 lks. dist., marked T 1 N R 28 E S 18 B T.
 Land, rolling, hilly and mountainous.
 Soil, 1st to 4th rate.
 Timber, scattering pine, oak, cedar, cottonwood and sycamore.
 Undergrowth, scattering scrub oak.
 Mountainous land, 44 chs.
-
- N. $0^{\circ} 3'$ W., bet. secs. 7 and 8.
 Through scattering timber and undergrowth. Ascend SE. slope, 50 ft to
 6.00 Ridge, brs. E. and W. Descend N. slope, 100 ft. to
 12.00 Draw, course NW. Ascend SW. slope, 50 ft.
 17.00 J. O. Brown's house, brs. N. 22° W.
 17.25 Ridge, brs. E. and W. Descend N. slope, 185 ft. to
 22.00 Descend in draw, course north.
 26.00 Leave draw; descend NW. slope.
 31.75 Wash, course W. Ascend S. slope, 35 ft. to
 35.50 Spur ridge, brs. W. Descend N. slope, 15 ft to
 37.00 Wash, course west. Ascend SW. slope, 110 ft.
 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,
 1913 on S. rim,
 $\frac{1}{4}$ S 7 in W., and
 S 8 in E. half; from which,
 A juniper, 6 ins. in diam., brs. S. $31\frac{1}{4}^{\circ}$ E., 107 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 An oak, 8 ins. in diam., brs. S. $10\frac{3}{4}^{\circ}$ W., 121 lks. dist., marked $\frac{1}{4}$ S 7 B T.
 45.65 J. O. Brown's house, brs. S. 75° W.
 47.50 Ridge, brs. SE. and NW. Descend NE. slope, 155 ft. to
 55.10 Wash, course west. Ascend SE. slope, 100 ft.
 Mrs. Swofford's house brs. N. 60° W., about 4 chs. dist.
 60.00 Spur ridge, brs. W. Descend N. slope, 20 ft to
 61.70 Draw, course W. Ascend SW. slope, 140 ft. to
 70.00 Spur ridge, brs. W. Descend NW. slope, 110 ft. to
 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 and 8, marked on brass cap,
 1913 on S. rim,
 T 1 N R 28 E in N. half;
 S 6 in NW.,

Chains.

S 5 in NE.,
 S 8 in SE., and
 S 7 in SW. quadrant; from which,
 A pine, 14 ins. in diam., brs. N. 80° E., 84
 lks. dist., marked T 1 N R 28 E S 5 B T.
 A pine, 6 ins. in diam., brs. S. 19° E., 25 lks.
 dist., marked T 1 N R 28 E S 8 B T.
 A pine, 10 ins. in diam., brs. S. 4° W., 2 lks.
 dist., marked T 1 N R 28 E S 7 B T.
 A pine, 12 ins. in diam., brs. N. 81 $\frac{3}{4}$ ° W., 58
 lks. dist., marked T 1 N R 28 E S 6 B T.

Note: At this cor. I set off 13° 45 $\frac{1}{2}$ ' N. on the decl. arc;
 and at apparent noon, I observe the sun on the meridian
 the resulting lst. is 33° 27' N.

Land, rolling, hilly and mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, juniper and oak.

Undergrowth, scattering scrub oak.

Mountainous land, 56 chs.

April 27, 1914.

April 28, 1914: At 7h. 59m. a.m., l.m.t., I set off 33°
 27' N. on the lat. arc; 14° 02' N. on the decl. arc; and
 determine a meridian with the solar at the cor. of secs.
 5, 6, 7 and 8.

Thence I run,

N. 89° 54' E., on a random line, bet. secs. 5 and 8.

40.00

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

79.60

Intersect N. and S. line, 23 lks. north of the cor. of secs.
 4, 5, 8 and 9. hereinbefore described.

Thence I run,

N. 89° 56' W., on a true line, bet. secs. 5 and 8.

Through heavy timber and scattering undergrowth.

Descend NW. slope, 200 ft. to

17.60

Draw, course NW. Ascend NE. slope, 20 ft. to

18.60

Spur ridge, brs. N. Descend W. slope, in gulch, 40 ft. to

19.50

Wash, course SW.

20.00

Wash, course NW. Ascend NE. slope, 70 ft. to

36.00

Spur ridge, brs. N. Descend W. slope, 60 ft. to

39.80

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

1913 on S. rim,

$\frac{1}{4}$ S 5 in N., and

S 8 in S. half; from which,

A pine, 12 ins. in diam., brs. N. 60 $\frac{1}{4}$ ° E., 29 lks.
 dist., marked $\frac{1}{4}$ S 5 B T.

A pine, 12 ins. in diam., brs. S. 68 $\frac{1}{4}$ ° E., 41 lks.
 dist., marked $\frac{1}{4}$ S 8 B T.

Descend slight west slope.

42.55

Draw, course SW. Ascend SE. slope, 130 ft. to

44.00

Thence along south slope.

48.00

Ascend east slope, 130 ft.

60.00

Ridge, brs. NE. and SW. Thence along north slope.

65.00

Descend NW. slope, 300 ft. to

74.00

Draw, course NW. Continue to descend NW. slope.

79.60

The cor. of secs. 5, 6, 7 and 8.

Land, rolling, hilly and mountainous.

Soil, rocky, 4th rate.

Timber, scattering pine, cedar and oak.

Undergrowth, scattering scrub oak.

Mountainous land, 44 chs.

April 28, 1914.

April 27, 1914.

West, on a true line, bet. secs. 6 and 7.

Through scattering timber and undergrowth. Descend NW.
 slope, 80 ft. to

34. Partial Subdivision of Township 1 North, Range 28 East.

Chains.

1.50 Top of bluff, brs.NE and SW.
 2.25 Foot of bluff. Enter Eagle Creek bottom.
 6.40 Eagle Creek, 25 lks.wide, 2 to 14 ins. deep, course S.
 6.87 Trail, brs.NE and SW.
 8.25 Wire fence brs.NE and SW.
 10.00 Leave Eagle Creek bottom; ascend SE. slope, 170 ft.
 18.30 Wire fence brs.N and S.
 27.50 Ridge, brs.N and S. Descend W. slope, 135 ft. to
 39.65 Draw, course SW. Descend SW. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 1913 on S. rim,
 $\frac{1}{4}$ S 6 in N., and
 S 7 in S. half; from which,
 A pine, 10 ins. in diam., brs. N. $66\frac{1}{2}^{\circ}$ W., 62 lks.
 dist., marked $\frac{1}{4}$ S 6 B T.
 A cedar, 12 ins. in diam., brs. S. $22\frac{1}{4}^{\circ}$ W., 69 lks.
 dist., marked $\frac{1}{4}$ S 7 B T.

44.00 Thence over level land.
 46.51 Trail, brs. N. and S.
 48.43 Middle Fork of Eagle Creek, 4 lks. wide, 3 ins. deep, course
 S.
 54.00 Ascend E. slope, 195 ft.
 70.00 Ascend SE. slope,
 76.00 Ridge, brs. NW. and SE. Descend slight SW. slope.
 78.35 Intersect the East bdy. of the White Mountain Indian Reser-
 vation, 13.68 chs. north of the 32 mile cor., reestab-
 lished by me, as described in Book "C."
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. in diam., 24 ins. in the ground, for closing cor.
 of secs. 6 and 7, marked on brass cap,
 1913 on S. rim,
 C C W of center,
 W M I R in W half;
 S 6 in NE., and
 S 7, T 1 N R 28 E in SE. quadrant; from
 which,
 A pine, 8 ins. in diam., brs. N. $62\frac{1}{2}^{\circ}$ E., 32 lks.
 dist., marked T 1 N R 28 E S 6 B T.
 A pine, 6 ins. in diam., brs. S. $72\frac{1}{2}^{\circ}$ E., 36 lks.
 dist., marked T 1 N R 28 E S 7 B T.

Land, level, rolling, hilly and mountainous.
 Soil, 2nd to 4th rate.
 Timber, scattering pine, oak, cedar, cottonwood, walnut
 and sycamore.
 Undergrowth, scattering scrub oak.
 Mountainous land, 30 chs.

April 27, 1914.

April 28, 1914:

40.00 N. $0^{\circ} 3'$ W., on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. bdy. of Tp., 30 lks. E. of the cor. of secs. 5, 6,
 31 and 32, established by me, as described in Book "A."
 Thence I run,
 S. $0^{\circ} 16'$ E., on a true line, bet. secs. 5 and 6.
 Through scattering timber and undergrowth.
 Descend SE. slope, 25 ft.
 1.88 Trail, brs. NW. and SE.
 3.20 Draw, course SE. Ascend NE. slope.
 3.40 Wire gate to field brs. E. about 40 lks. dist.
 5.90 Spur ridge, brs. E. Descend SE. slope.
 9.10 Trail, brs. NW. and SE.
 Draw, course E. Ascend NE. slope, 45 ft. to
 16.00 Spur ridge, brs. E.
 18.00 Draw, course E. Thence along E. slope.
 32.00 Descend SE. slope, 30 ft. to
 35.00 Trail, brs. NE. and SW. Thence along slight E. slope.

Partial Subdivision of T. 1 N., R. 28 E.

Chains.

38.00
39.88

45.90
56.20

61.70
62.40
62.90
67.90
78.10
79.88

Desc. S. slope, 35 ft. to
 Draw, course SE. Asc. N. slope, 50 ft.
 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 on S
 rim

$\frac{1}{4}$ S6 in W. and
 S5 in E. half; from which
 A walnut, 10 ins. dia., brs. S. $36\frac{3}{4}^{\circ}$ E., 46 lks.
 dist., marked $\frac{1}{4}$ S5 BT.
 An oak, 8 ins. dia., brs. N. $73\frac{1}{2}^{\circ}$ W., 20 lks. dist.,
 marked $\frac{1}{4}$ S6 BT.

Granite spur ridge, brs. E. Desc. SE. slope, 105 ft. to
 Enter Eagle Creek Bottom.
 Trail, brs. NE. and SW.

Eagle Creek, 40 lks. wide, 1 to 12 ins. deep, course SW.
 Foot of bluff, brs. NE. and SW. Leave Eagle Creek Bottom.
 Top of bluff, brs. NE. and SW. Desc. SW. slope, 25 ft. to
 Thence along foot of bluff, in Eagle Creek Bottom.
 Leave Eagle Creek Bottom; asc. N. slope, 65 ft. to
 The cor. of secs. 5, 6, 7 and 8.
 Land, level, rolling, hilly and mountainous.
 Soil, rocky 4th rate.
 Timber, scattering pine, cedar, walnut, sycamore, cotton-
 wood and oak.
 Undergrowth, scattering scrub oak.
 Mountainous land, 20 cms.

April 28, 1914.

General Description.

This township is mountainous and hilly, rocky, 3rd and
 4th rate, with narrow strips of rich, sandy loam, 1st. rate,
 along Eagle creek, the township is covered with short
 nutritious grass, fairly good grazing.
 Cottonwood, Sycamore, Walnut, Ash and Oak along Eagle
 creek and in the gulches, scattering Cedar and Juniper on
 the hills and mountains, with patches of heavy pine in the
 North Eastern part of the township.
 Eagle creek has water all the year, there are several
 settlers along this creek.

William B. Kimmel.

U.S. Surveyor.

Boundaries of surveyed portion of T. 1 N., R. 28 E.

Latitudes, departures and closing errors

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Line designated	True course	Distance	Latitudes		Departures	
			N.	S.	E.	W.
South bdy. of Tp. (G. & S.R. Base Line)	West	478.86				478.86
West bdy. of Tp. (E. bdy. of W.M.I.R.)	North	479.69	479.69			
North bdy. of Tp.	East	158.14			158.14	
Subdivisional Boundary	S. 0° 2' E.	80.00		80.00	.05	
	N. 89° 52' E.	80.18	.19		80.18	
	S. 89° 54' E.	80.12		.14	80.12	
	N. 89° 56' E.	79.81	.09		79.81	
	S. 0° 1' E.	160.00		160.00	.05	
	N. 89° 43' E.	79.85	.39		79.85	
East bdy. of Tp.	South	240.00		240.00		
Convergency.					.40	
			480.36	480.14	478.60	478.86
			480.14			478.60
Error in lat.			0.22	Error in dep.		0.26

William B. Himmel,
U.S. Surveyor.

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BOOK 2776

FOR FINAL OATH OF UNITED STATES SURVEYOR.
See Book "D."

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 June 19____, 1915

The foregoing field notes of the survey of _____ part of the _____
Subdivision Lines of _____
Township 1 North Range 28 East of the _____
Gila and Salt River Base and Meridian _____
in the State of Arizona _____

executed by William B. Kimmel U.S. Surveyor _____
under his special instructions dated February 18, 1913 for Group 26, ~~no~~ _____, 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

Surveyor General.
OF ARIZONA.

~~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.~~