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Book "H"
Subdivisions

BOOK 2984

FIELD NOTES

OF THE SURVEY OF PART

of the

SUBDIVISION LINES OF

TOWNSHIP 10 NORTH, RANGE 20 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

In the capacity of U. S. Surveyor, under instructions dated December 16, 1914, issued by the United States Surveyor General to govern surveys included in Group No. 40, which were approved by the Commissioner of the General Land Office, January 27, 1914.

Survey commenced June 15, 1915.

Survey completed June 28, 1915.

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Partial Subdivision of Township 10 North, Range 20 East. 1.B

Chains.

Survey commenced June 15, 1915, and executed with a Young and Sons' light mountain transit No.10, described in Book "A."

I examine the adjustments of the transit, and find them to be correct, and know from recent tests of the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian established by observations on Polaris, that the instrument is insatisfactory adjustment.

For last complete test of the instrument, see Book "C."

A 5-chain steel tape and clinometer are the instruments employed to determine all distances measured in this survey.

Since the north and east boundaries of this township could not be rectified in point of alinement, the subdivisions will therefore be executed from the north to the south, and from the east to the west, all latitudinal lines being referred to a Sectional Correction line, and all meridional lines being referred to a Sectional Guide Meridian initiated from the corner of secs.1,2, 11 and 12, established at the mutual intersection of the lines run west between secs.1 and 12 from the cor. of secs.1 and 12 on E. bdy., and south, bet. secs. 1 and 2 from the cor. of secs. 1 and 2, on N. bdy., as follows:

At the reestablished cor. of secs. 1 and 12 on E bdy. of Tp. (5th. Guide Meridian East); latitude, 34°16'N.; longitude 110°09'47"W.;, at 7h.00m. a.m., l.m.t., I set off 34°16'N. on the lat.arc; 23°18'N. on the decl.arc; and determine a meridian with the solar.

Thence,

78.40 West, on a blank line, bet. secs. 1 and 12. Set temp. cor. of secs.1,2,11 and 12.

At the reestablished cor. of secs.1 and 12 on N. bdy. of the Tp. described in Book "A," at 8h. 30m. a.m., l.m.t., I set off 34°16½'N. on the lat.arc; 23°18' N. on the decl.arc, and determine a meridian with the solar.

Thence,

78.34 South, on a blank line, bet. secs.1 and 2. Fall 5 lks. E. of the temp. cor. of secs.1,2,11 and 12, set as described above; therefore, establish the cor. of said secs. at a point 5 lks. E. of the temp. cor., as follows:

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, and initial point of Sectional Correction line and Sectional Guide Meridian, marked on brass cap,

- T 10 N R 20 E in N., and
- 1915 in S. half;
- S 2 in NW.,
- S 1 in NE.,
- S 12 in SE., and
- S 11 in SW. quadrant; from which

- A pine, 18 ins. in diam., brs. N. 66½° E., 114 lks. dist., marked T 10 N R 20 E S 1 B T.
- A pine, 10 ins. in diam., brs. S. 72½° E., 71 lks. dist., marked T 10 N R 20 E S 12 B T.
- A pine, 20 ins. in diam., brs. S. 39¼° W., 26 lks. dist., marked T 10 N R 20 E S 11 B T.
- A pine, 16 ins. in diam., brs. N. 35° W., 71 lks. dist., marked T 10 N R 20 E S 2 B T.

The unaccepted cor. of secs.1,2,11 and 12, set by Deputy Charles E. Perkins, brs. N. 48° W. 150 lks. dist., I destroy this cor., and the marks on the bearing trees.

Thence,

North, on a true line, bet. secs.1 and 2. Descend N. slope, over stony, mountainous land, through scattering oak and heavy pine timber.

2. Partial Subdivisions of Township 10 North, Range 20 East.

- Chains
- .15 Dry ravine, 10 ft. below cor., course east; ascend S. slope 60 ft.
- 8.00 Top of spur, brs. N. 60° W. and S. 60° E.; descend NW. slope, 82 ft.
- 19.05 Road from Pinedale to Linden, Arizona, brs. E. and W.
- 25.00 Dry ravine, 20 lks. wide, course N. 50° E.; ascend SE. slope of spur, 72 ft.
- 30.90 Old road brs. N. 70° E. and S. 70° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap,
 $\frac{1}{4}$ S 2 in W.,
 $\frac{1}{4}$ S 1 in E., and
 1915 in S half; from which
 A cedar, 16 ins. in diam., brs. S. 85° E., 10 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 A pine, 10 ins. in diam., brs. S. 80 $\frac{1}{2}$ ° W., 20 lks. dist., marked $\frac{1}{4}$ S 2 B T.
- The unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, brs. S. 31° 50' W., 189 lks. dist. I destroy the cor. and marks on the bearing trees.
- 70.00 Top of ridge brs. E. and W.; descend N. slope, 64 ft.
- 78.34 Intersect the reestablished cor. of secs. 1 and 2 on N. bdy. of Tp., described in Book "A."
 Land, mountainous, drains to the east and southeast.
 Soil, poor, stony clay loam 4 to 6 ins. deep on dry, sandy and stony subsoil.
 Timber, oak, cedar and pine.
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- From the cor. of secs. 1, 2, 11 and 12, East, on a true line, bet. secs. 1 and 12. Ascend NW. slope of spur, over rolling mountainous land, through scattering oak and heavy pine timber.
- .40 Top of spur, 10 ft. above cor., brs. NE. and SW.; descend 12 ft., over NE. slope.
- 3.50 Center of dry ravine, 20 lks. wide, course S. 50° E.; ascend SW. slope, 58 ft.
- 9.47 Top of spur, brs. NW. and SE.; descend over NE. slope, 52 ft.
- 38.59 Wire fence brs. N. 30° E. and S. 30° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 1 in N., and
 S 12, 1915 in S half; from which
 A pine, 24 ins. in diam., brs. N. 24° E., 38 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 A pine, 20 ins. in diam., brs. S. 6° W., 72 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- The $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under Contract No. 40 brs. N. 42° 20' W., 168 lks. dist. I destroy all trace of this cor., and the marks on the bearing trees.
- 42.15 Foot of descent from spur; leave mountainous land, and timber, brs. N. 80° E. and S. 80° W. Enter rolling, sandy land, slopes gently to the east.
- 45.20 Dry sand wash, 15 lks. wide, 6 ft. deep, course N. 20° E.
- 56.16 Wire fence brs. N. 44° W. and S. 44° E.; enter lane.
- 56.63 Road from Pinedale to Linden, Arizona, brs. N. 44° W., and S. 44° E.
- 56.99 Wire fence E. side of lane, brs. N. 44° W. and S. 44° E. Enter cultivated land.
- 58.09 Wire fence brs. N. and S.
- 78.35 Intersect the reestablished cor. of secs. 1 and 12 on E. bdy. of Tp. (5th. Guide Meridian East) described in Book "C."
 Land, rolling and mountainous, drains to the northeast.
 Soil of E. 40.00 chs., rich dry, sandy loam, about 12 ins. deep on dry sandy clay subsoil. W. 38 chs., poor, stony clay loam 2 to 4 ins. deep, underlaid with sandstone ledges.
 Timber, oak, juniper and pine.
- June 15, 1915.
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Partial Subdivision of Township 10 North, Range 20 East. 3.

Chains. June 16, 1915. At 8h. 00m. a.m., l.m.t., I set off $34^{\circ}16'$ N. on the lat.arc; $23^{\circ}20\frac{1}{2}'$ N. on the decl.arc, and determine a meridian with the solar at the cor.of secs.1, 2, 11 and 12.

Thence,
South, on Sectional Guide Meridian, bet. secs.11 and 12. Ascend NW. slope of spur, 45 ft., over stony, mountainous land, through scattering oak and juniper and heavy pine timber.

16.00 Top of spur, brs.N. 40° W. and S. 40° E.1 descend SW.slope, 102 ft.

29.40 Dry ravine, 15 lks.wide, 10 ft. deep, course east; ascend N.slope 43 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,
 $\frac{1}{4}$ S 11 in W.,
S 12 in E., and
1915 in S.half; from which
A juniper, 8 ins. in diam., brs.N. $36\frac{1}{4}^{\circ}$ E., 65 lks dist., marked $\frac{1}{4}$ S 12 B T.
A pine, 24 ins. in diam., brs.N. $67\frac{1}{2}^{\circ}$ W., 29 lks. dist., marked $\frac{1}{4}$ S 11 B T.

The unaccepted $\frac{1}{4}$ sec.cor. by Deputy Charles E.Perkins, under contract No.40 brs.N. $40^{\circ}15'$ W., 150 lks.dist. I destroy all traces of the old cor., and the marks on the bearing trees.

43.00 Top of spur, brs.E.and W.; descend S.slope, 68 ft.

51.80 Dry ravine, 10 lks.wide, course N. 70° E.; ascend N.slope of spur 202 ft.

76.00 Top of spur, brs.N. 20° W. and S. 20° E.; descend SW.slope, 39 ft.

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,
T 10 N R20 E in N., and
1915 in S half;
S 11 in NW.,
S 12 in NE.,
S 13 in SE., and
S 14 in SW. quadrant; from which
A cedar, 12 ins. in diam., brs.N. $29\frac{1}{2}^{\circ}$ E., 70 lks. dist., marked T 10 N R 20 E S 12 B T.
A juniper, 10 ins. in diam., brs.S. 69° E., 88 lks.dist., marked T 10 N R 20 E S 13 B T.
A pine, 10 ins. in diam., brs.S. $40\frac{1}{2}^{\circ}$ W., 25 lks. dist., marked T 10 N R 20 E S 14 B T.
A pine, 12 ins.in diam., brs.N. 53° W., 68 lks. dist., marked T 10 N R 20 E S 11 B T.

The unaccepted cor.of said secs., set by Deputy Charles E. Perkins, brs.N. $38^{\circ}35'$ W., 184 lks.dist. Another unofficial cor.of said secs. brs.S. $88^{\circ}55'$ W., 238 lks.dist. I destroy all traces of both of these corst, and the marks on the bearing trees to each. Land, mountainous, drains to the east. Soil, poor, stony clay loam, underlaid with dry clay subsoil, and ledges of sandstone.

East, on a random line, bet. secs.12 and 13.

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

78.64 Intersect E. bdy.of Tp. (5th.Guide Meridian East) 16 lks. N.of the reestablished cor.of secs.12 and 13, described in Book "C."

Thence,
N. $89^{\circ}53'$ W., on a true line, bet. secs.12 and 13. Ascend E.slope of spur, over stony mountainous land, 302 ft. through scattering oak, juniper and cedar timber and heavy pine timber.

37.65 Top of spur, brs.N. 40° E. and S. 40° W.; descend NW.slope, 28 ft.

38.64 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 12 in N., and

4. Partial Subdivision of Township 10 North, Range 20 East.

Chains.

- S 13, 1915 in S half; from which,
 A pine, 12 ins. in diam., brs. N.4°E., 28 lks.
 dist., marked $\frac{1}{4}$ S 12 B T.
 A pine, 16 ins. in diam., brs. S.22 $\frac{1}{2}$ °E., 75 lks.
 dist., marked $\frac{1}{4}$ S 13 B T.
 The unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins
 brs. N.38°W., 225 lks. dist. I destroy this cor., and
 the marks on the bearing trees to same.
- 46.04 Dry ravine, 05 lks. wide, course north; ascend E. slope of
 spur. 172 ft.
 76.64 Top of spur, brs. N.20°E. and S.20°W.; descend.
 78.64 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, sandy clay loam, about 8 ins. deep on dry stony,
 clay and sandy subsoil.
 Timber, oak, juniper, cedar and pine.
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- South, on Sectional Guide Meridian, bet. secs. 13 and 14.
 Descend SW. slope of spur, 126 ft., over stony mountain-
 ous land, through scattering oak, juniper, cedar and
 heavy pine timber.
- 19.35 Dry ravine, 10 lks. wide, course S.70°W.; ascend NW. slope
 44 ft.
 22.00 Top of spur, brs. N.60°E. and S.60°W.; descend SE. slope,
 127 ft.
 37.50 Dry ravine, 15 lks. wide, course S.10°E., 77 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,
 $\frac{1}{4}$ S 14 in W.,
 S 13 in E., and
 1915 in S. half; from which
 A pine, 20 ins. in diam., brs. N.15°E., 19 lks.
 dist., marked $\frac{1}{4}$ S 13 B T.
 A pine, 30 ins. in diam., brs. S.45 $\frac{1}{2}$ °W., 98 lks.
 dist., marked $\frac{1}{4}$ S 14 B T.
 The unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins
 under Contract No. 40, brs. N.71° 38' W., 280 lks. dist.
 I destroy all trace of this cor., and the marks on the
 bearing trees to same.
 At this cor., I set off 23° 20 $\frac{1}{2}$ ' N. on the decl. arc; and
 at apparent noon, June 16, 1915, observe the sun on
 the meridian, the resulting latitude being 34° 14' N.
- 46.40 Dry ravine, 15 lks. wide, course east; ascend NW. slope, 44
 ft.
 56.22 Wire fence, brs. E. and W.
 60.00 Top of spur, brs. E. and W.; descend S. slope, 52 ft.
 72.20 Dry sand wash, 20 lks. wide, course E.; ascend NW. slope, 60
 ft.
 76.96 Wire fence brs. N.20°W. and S.20°E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for cor. of secs. 13, 14, 23 and 24, marked
 on brass cap,
 T 10 N, R 20 E in N., and
 1915 in S. half;
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrant; from which
 A juniper 8 ins. in diam., brs. N.50°E., 62 lks.
 dist., marked T 10 N R 20 E S 13 B T.
 An oak, 10 ins. in diam. brs. S.46°E., 14 lks. dist.,
 marked T 10 N R 20 E S 24 B T.
 A juniper, 12 ins. in diam., brs. S.52°W., 43
 lks. dist., marked T 10 N R 20 E S 23 B T.
 An oak, 8 ins. in diam., brs. N.27 $\frac{1}{2}$ °W., 67 lks.
 dist., marked T 10 N R 20 E S 14 B T.
- From this cor.,

Chains. At the unaccepted corner. of secs. 13, 14, 23, and 24., set. by Deputy Charles E. Perkins under contract No. 40 bears N 67° 05' W. 234 lks. dist.; I destroy all traces of this cor. and the marks on the bearing trees, to same. Land mountainous, spurs steep washed on slopes rocky. Soil poor stony clay loam 2 to 5 ins. deep on dry clay and stone subsoil. Timber oak, juniper, cedar, and pine.

- S 89° 53' E. on a random line bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.24 Intersect E. bdy. of Tp. (5th Guide Mer E.) 12 lks. N. of reestablished cor. of 13 and 24, described in book "C".
 Thence
 N 89° 48' W., on a true line, bet. secs. 13 and 24.
 Descend NW. slope of spur 52 ft. over stony mountainous land, through scattering oak and heavy pine timber.
 1.47 Wire fence bears N. and S.
 7.50 Foot of descent from spur. Leave mountainous land bears N. 50° E. and S 50° W. Enter nearly level bottom land.
 7.97 Road from Pinedale to Forestdale bears N 50° E. and S 50° W.
 8.25 Leave timber bears NE. and SW. enter cultivated land bears N 50° E. 10 chs. and S 50° W. about 25 chs.
 12.75 Dry ravine 20 lks. wide. 10 ft. deep course N 10° E. Leave level cultivated land bears N 10° E. 15 chs. and S 10° W. about 20 chs. Enter stony mountainous land and scattering oak and cedar and heavy pine timber. ascend NE. slope of spur 150 ft.
 35.24 Top of spur bears N 50° W. and S 50° E. desc. SW. slope 21 ft.
 39.24 Set an iron post 5 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 13 in N., and
 S 24 1915. in S. half. from which
 A pine 12 ins. in diam. bears N 77° E. 60 lks. dist., marked $\frac{1}{4}$ S 13 BT. and
 A juniper 8 ins. in diam. bears S 77° E. 37 lks. dist., marked $\frac{1}{4}$ S 24 BT. From this cor. the
 This unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins under contract No. 40 bears N 63° 07' W. 196 lks. dist.
 I destroy all trace of this cor. and the old bearing trees to the same.
 39.80 Dry ravine 5 lks. wide course S 20° E. ascend NE. slope of spur 57 ft.
 41.64 Wire fence bears N. and S.
 75.24 Top of spur bears N 70° E. and S 70° W. descend NW. slope 15 ft.
 78.47 Wire fence bears N 20° W. and S 20° E.
 79.24 The cor. of secs. 13, 14, 23, and 24.
 Land rolling and mountainous, drains to the east and northeast.
 Soil of the mountainous portion of the mile poor dry stony clay loam 2 to 5 ins. deep on dry clay and sand stone subsoil. soil of the bottom land rich sandy loam about 12 to 14 ins. deep on gravelly clay subsoil.
 Timber oak, juniper, cedar, and pine.

June 16, 1915.

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 June 26, 1915. At 9 17 a.m., l.m.t. I set off 34° 14' N. on the lat. arc, 23° 24' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 13, 14, 23, and 24.

Chains. Thence

- South on Sectional Guide Meridian bet. secs. 23 and 24. Ascend NW. slope of spur over stony mountainous land through scattering oak, juniper cedar and heavy pine timber
 - 1.00 Top of spur 15 ft. above cor. bears N 70° E. and S 10° W. descend along E. slope of spur 62 ft.
 - 11.50 Head of dry ravine 5 lks. wide course S 60° E. ascend NW. slope of spur 20 ft.
 - 13.60 Top of spur bears N 60° W. and S 60° E. desc. over SW. slope 42 ft..
 - 21.75 Dry ravine 10 lks. wide course N 70° E. ascend N. slope 169 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
 - S 23 in NW.
 - S 24 in E. and
 - 1915 in S. half. from which
 - A pine 12 ins. in diam. bears S 68 1/2° E. 32 lks. dist., marked 1/4 S 24 BT. and
 - A pine 8 ins. in diam. bears N 72 1/4° W. 11 lks. dist., marked 1/4 S 23 BT. From this cor.
 - From the unaccepted 1/4 sec. cor. set. by Deputy Charles E. Perkins bears N 65° 40' W. 230 lks. dist.,
 - I destroy all trace of this cor. and the marks on the bearing trees to same.
 - 58.00 Top of spur bears N 50° W. and S 50° E. desc. SE. slope 10 ft.
 - 71.10 Center of dry ravine 15 lks. wide course N 70° E. ascend NE. slope 55 ft.
 - 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
 - T 10 N. R. 20 E. in N?
 - 1915 in S. half.
 - S 23 in NW.
 - S 24 in NE.
 - S 25 in SE. and
 - S 26 in SW. quadrant, from which
 - A pine 12 ins. in diam. bears N 60 1/2° E. 111 lks. dist. marked T 10 N., R 20 E. S 24 BT.
 - A pine 30 ins. in diam. bears S 16 1/2° E. 76 lks. dist., marked T 10 N., R 20 E. S 25 BT.
 - A pine 16 ins. in diam. bears S 52° W. 110 lks. dist., marked T 10 N., R 20 E. S 26 BT. and
 - A pine 14 ins. in diam. bears N 38° W. 123 lks. dist. marked T 10 N., R 20 E. S 23 BT.
 - From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins, bears N 60° W. 198 lks. dist., I destroy all trace of this cor. and the marks on the bearing trees to same.
 - Land mountainous.
 - Soil poor stony clay loam 4 to 8 ins. deep on dry stony clay subsoil.
 - Timber oak, juniper, cedar, and pine.
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- S 89° 48' E. on a random line bet. secs. 24 and 25.
 - 40.00 Set temp. 1/4 sec. cor.
 - 79.84 Intersect East bdy of Tp (5th Guide Mer E.) 35 lks. S. of reestab. cor. of secs. 24 and 25, described in book "C".
 - Thence
 - S 89° 57' W., on a true line, bet. secs. 24 and 25.
 - Descend W. slope over rolling mountainous land, through heavy pine timber.
 - 3.14 Dry ravine 8 lks. wide 20 ft. below cor, course N 20° W. ascend E. slope 17 ft.
 - 8.84 Top of spur bears N 10° E. and S 10° W. desc. NW. slope 17 ft.
 - 18.00 Dry ravine 8 lks. wide course N 10° E. ascend NE. slope of spur 34 ft.
 - 29.99 Road from pinedale to Forestdale Arizona bears N 10° W. and

- Chains. south.
- 59.84 Set an iron post 5 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 24 in N., and
 $\frac{1}{4}$ S 25, 1915. in S. half. from which,
 A pine 24 ins. in diam. bears N $24\frac{1}{2}$ E. 47 lks. dist., marked $\frac{1}{4}$ S 24 BT. and
 A pine 22 ins. in diam. bears S 50° E. 141 lks. dist., marked $\frac{1}{4}$ S 25 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, bears N $52^{\circ}20'$ W. 208 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees, to same.
- 68.84 Top of spur bears N 20° E. and S 20° W. desc. over NW. slope 47 ft.
- 72.44 Dry ravine 10 lks. wide course N 10° W. ascend NE. slope 36 ft.
- 79.84 The cor. of secs. 23, 24, 25, and 26.
 Land rolling mountains drains to the northeast.
 Soil poor dry sandy loam about 14 ins. deep on dry stony clay subsoil.
 Timber pine..

South on Sectional Guide Meridian bet. fracl. secs. 25 and 26.
 Ascend N. slope of Mogollon Rim over stony mountainous land through heavy pine timber 107 ft.

- 22.55 Intersect N. bdy. of Ft. Apache Indian Reservation, 1.23 chs. E. of the $70\frac{1}{2}$ M. Mon. described in book "B". At point of intersection:
 Set an iron post 5 ft. long 2 ins. in diam. 26 ins. in the ground for closing corner of fracl. secs. 25 and 26 marked on brass cap.

CC N. of center
 T 10 N., R 20 E. in N.
 F.A.I.R. 1915. in S. half.
 S 25 in NE. and
 S 26 in SW. sector.

Land mountainous, slopes to the north.
 Soil poor stony and sandy clay loam 4 to 12 ins. deep on dry stony clay subsoil.
 Timber pine.

June 26, 1915.

June 15, 1915. At 10³⁰ l.m.t. I set off $34^{\circ}16'N$ on the lat. arc $23^{\circ}18'N$ on the decl. arc and determine a meridian with the solar at the cor. of secs. 1, 2, 11, and 12.

Thence
 West on true line on Sectional Correction Line bet. secs. 2 and 11.

Descend NW. slope over stony mountainous land, through heavy pine timber.

- 32.20 Dry ravine 15 lks. wide 10 ft. below cor. course N 70° E. ascend SE. slope 170 ft.

- 40.00 Set an iron post 5 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$ S 2 in N., and
 S 11 1915 in S. half., from which

A pine 8 ins. in diam. bears N $8\frac{1}{4}$ E. 60 lks. dist., marked $\frac{1}{4}$ S 2 BT. and

A pine 14 ins. in diam. bears S 9° W. 25 lks. dist. marked $\frac{1}{4}$ S 11 BT. From this

From the unaccepted $\frac{1}{4}$ sec. cor set by Deputy Charles E. Perkins, under contract No. 40 bears N $52^{\circ}40'$ W. 125

- Chains. lks. dist.
 I destroy all evidence of the cor. and marks on the bearing trees to same.
- 61.00 Top of spur bears N. and S. desc SW. slope 222 ft.
 77.80 Dry ravine 15 lks. wide course N 30° W. ascend NE. slope 12. ft.
 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
- T 10 N. R 20 E. in N. and
 1915 in S. half.
 S 3 in NW.
 S 2 in NE.,
 S 11 in SE. and
 S 10 in SW. quadrant. from which
- A pine 12 ins. in diam. bears N 54½° E. 86 lks. dist., marked T 10 N., R 20 E. S 2 BT.
 A pine 12 ins. in diam. bears S 59½° E. 74 lks. dist., marked T 10 N., R 20 E. S 11 BT.
 A pine 8 ins. in diam., bears S 82½° W. 40 lks. dist., marked T 10 N., R 20 E. S 10 BT. and
 A juniper 24 ins. in diam. bears N 49½° W. 56 lks. dist., marked T 10 N., R 20 E. S 3 BT.
- From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins bears N 26° 20' W. 26 lks. dist.
- I destroy this cor. and marks on bearing trees to same. Land mountainous drains to the northeast. Soil poor dry stony clay loam 3 to 6 ins. deep on stone and dry clay subsoil. Timber oak juniper, cedar, and pine.
- At above described cor. I set off 25° 18' N. on the decl. arc, and at apparent noon June 15, 1915 observe the sun on the meridian the resulting lat. being 34° 16' N.
-
- North on a random line bet. secs. 2 and 3.
 40.00 Set temp. ¼ sec. cor.
 79.06 Intersect N. bdy. of Tp., 18 lks. W. of reestablished cor. of secs. 2, 3, 34 and 35, described in book "A", Thence
 S 0° 08' W. on a true line bet. secs. 2 and 3.
 Descend S. slope over rolling stony land through heavy pine timber.
- 6.91 Road from Pinedale to Linden Arizona bears N 50° E. and S 50° W.
 8.81 Dry ravine 15 lks. wide course N 40° W. ascend NW. slope 65 ft. over mountainous land.
 10.66 Road to Lars Peterson's ranch bears N 40° E. and S 40° W.
 39.06 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap
 ¼ S 3 in W.
 S 2 in E., and
 1915. in S. half. from which
 A pine 24 ins. in diam bears S 36° E. 115 lks. dist., marked ¼ S 2 BT. and
 A pine 18 ins. in diam. bears N 22½° W. 87 lks. dist., marked ¼ S 3 BT. From this cor.
 From the unaccepted ¼ sec. cor. set by Deputy Charles E. Perkins under contract No 40 bears N 72° W. 11 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.
- 50.16 Top of spur bears N 40° W. and S 40° E. desc. SW. slope 47 ft.
 53.06 Dry ravine 10 lks. wide course west. ascend N. slope of

Partial Subdivision of T 10 N., R 20 E.

Chains spur 110 ft.
 63.56 Top of spur bears N 50° W. and S 30 E. desc. over SW. slope 48 ft.
 75.21 Dry ravine 15 lks. wide course N 20° W. ascend 48 ft.
 79.06 The cor. of secs. 2, 3, 10 and 11.
 Land rolling and mountainous.
 Soil poor dry stony clay loam 5 to 8 ins. deep on dry stony clay and sand stone subsoil.
 Timber Oak juniper, cedar and pine.
 70.25 chs.

June 15. 1915 .

h m

June 17, 1915. At 7 20 a.m., l.m.t. I set off 34. 16 'N. on the lat. arc, 23. 23' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 10, and 11.

Thence

S 0° 01' E. bet. secs. 10 and 11.

Ascend NE. slope 79 ft. over stony mountainous land through oak, juniper, cedar and pine timber.

26.00 Top of spur bears N 20° W. and S 20° E. descend over SW slope 60 ft.

40.00 Set an iron post 5 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 10 in W.

S 11 in E. and

1915. in S. half. from which

A pine 16 ins. in diam. bears N 59° E. 47 lks. dist., marked $\frac{1}{4}$ S 11 BT. and

A pine 18 ins. in diam. bears S 59 $\frac{1}{2}$ ° W. 49 lks. dist. marked $\frac{1}{4}$ S 10 BT. From this

From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 13° 35' E. 31 lks. dist.

I destroy all traces of the old cor. and the marks on the bearing trees to same.

46.20 Dry ravine 6 lks. wide course S 70° W. ascend NW. slope 10 ft.

57.00 Top of spur bears N 70° E. and S 70° W. descend SE. slope of spur 111 ft.

72.90 Dry ravine 15 lks. wide 5 ft. deep course N 60° W. ascend NE. slope 38 ft.

80.00 Set an iron post 5 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14, and 15., marked on brass cap

T 10 N.; R 20 E. in N. and

1915. in S. half.

S 10 in NW.,

S 11 in NE.,

S 14 in SE., and

S 15 in SW. quadrant . from which

A juniper 12 ins. in diam. bears N 46° E. 70 lks. dist., marked T 10 N. R 20 E. S 11 BT.

A juniper 12 ins. in diam. bears S 53° E. 73 lks. dist., marked T 10 N., R 20 E. S 14 BT.

A pine 6 ins. in diam. bears S 64 $\frac{1}{2}$ ° W. 50 lks. dist., marked T 10 N., R 20 E. S 15 BT. and

A pine 10 ins. in diam. bears N 34° W. 36 lks. dist., marked T 10 N., R 20 E. S 10 BT.

From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins under contract No. 40 bears N 29° 10' E. 70 lks. dist.

I destroy all evidence of this cor. and the marks on the bearing trees to same

Land mountainous drains to the northwest and southeast. Soil poor dry sandy and stony clay loam 5 to 8 ins. deep on stone and dry clay subsoil.

Timber oak, juniper, cedar, and pine.

10 Partial Subdivision of T 10 N., R 20 E.

- Chains.
- East on a random line bet. secs. 11 and 14.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.96 Intersect N. and S line 08 lks. S. of the cor. of secs. 11, 12, 13, and 14.
- Thence
- S $89^{\circ}57'W.$ on a true line bet. secs. 11 and 14.
- Descend SW. slope of spur over stony mountainous land through scattering juniper, oak, and cedar and heavy pine timber.
- 14.46 Dry ravine 10 lks. wide 20 ft. below see cor. course S $10^{\circ}E.$ ascend E. slope of spur 363 ft.
- 39.98 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$ S 11 in N., and
S 14. 1915 in S. half from which
- A juniper 16 ins. in diam. bears N $14\frac{1}{2}^{\circ}W.$ 63 lks. dist., marked $\frac{1}{4}$ S 11 BT., and
- A pine 12 ins. in diam. bears S $61^{\circ}W.$ 150 lks. dist., marked $\frac{1}{4}$ S 14 BT. From this cor.
- From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins bears N $36^{\circ}12'W.$ 150 lks. dist.
- I destroy all evidence of this cor. and the marks on the bearing trees to same
- 40.96 Top of spur bears N $30^{\circ}E.$ and S $10^{\circ}W.$ desc over NW. slope 193 ft.
- 77.21 Dry ravine 10 lks. wide course N $20^{\circ}W.$ ascend NE. slope of spur 29 ft..
- 79.96 The cor. of secs. 10, 11, 14, and 15.
- Land mountainous, spurs steep rocky washed on slopes. Soil poor dry stony clay loam about 6 ins. deep on dry clay and sand stone subsoil.
- Timber oak, cedar, juniper, and pine.
-
- Note: At above cor. I set off $23^{\circ}23'N.$ on the decl. arc, and at apparent noon June 17, 1915. observe the sun on the meridian the resulting latitude being $34^{\circ}15'N.$
-
- S $0^{\circ}01'E.$ bet. secs. 14, and 15.
- Ascend NE. slope of spur 18 ft. over stony mountainous land through scattering oak, juniper, and cedar and heavy pine timber.
- 16.00 Top of spur bears N $60^{\circ}E.$ and S $60^{\circ}E.$ desc over SE. slope 59 ft.
- 19.90 Dry ravine 5 lks. wide course S $60^{\circ}W.$ ascend NW. slope 36 ft.
- 25.00 Top of spur bears N $50^{\circ}E.$ and S $50^{\circ}W.$ desc. SE. slope 106 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
- $\frac{1}{4}$ S 15 in W.
S 14 in E., and
1915. in S. half. from which
- A pine 24 ins. in diam. bears N $43\frac{1}{2}^{\circ}E.$ 38 lks, dist., marked $\frac{1}{4}$ S. 14 BT. and
- A pine 14 ins. in diam. bears S $70\frac{1}{2}^{\circ}W.$ 7 lks. dist., marked $\frac{1}{4}$ S 15 BT. From this cor.
- From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract NO. 40 bears N $43^{\circ}E.$ 102 lks. dist.
- I destroy all trace of the cor. and the marks on the bearing trees to same.
- 48.72 Dry ravine 10 lks. wide course east. ascend NE. slope 62 ft.
- 76.00 Top of spur bears N $40^{\circ}E.$ and S $40^{\circ}W.$ descend SE. slope 26 ft.
- 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

Chains. T 10 N., R 20 E. in N. and
 1915. in S. half.
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE. and
 S 22 in SW. quadrant. from which
 A pine 40 ins. in diam. bears N $63\frac{1}{2}^{\circ}$ E. 72 lks. dist.,
 marked T 10 N., R 20 E. S 14 BT.
 A pine 28 ins. in diam. bears S $35\frac{1}{2}^{\circ}$ E. 68 lks. dist.,
 marked T 10 N., R 20 E. S 22 BT.
 A juniper 12 ins. in diam. bears S $28\frac{1}{2}^{\circ}$ W. 60 lks. dist.,
 marked T 10 N., R 20 E. S 22 BT. and
 An oak 12 ins. in diam. bears N $12\frac{1}{2}^{\circ}$ W. 150 lks. dist.,
 marked T 10 N., R 20 E. S 15 BT.
 Land mountainous, spurs steep rocky washed on slopes.
 Land poor dry stony clay loam 3 to 7 ins. deep on dry
 stony clay subsoil.
 Timber oak, juniper, cedar, and pine.

40.00 N $89^{\circ}57'$ E. on a random line bet. secs. 14 and 23.
 Set temp $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line 03 lks. N. of the cor. of secs.
 13, 14, 23, and 24.
 Thence
 S $89^{\circ}58'$ W. on a true line bet. secs. 14 and 23.
 Descend NW. slope 17 ft. over stony mountainous land,
 through oak, cedar, juniper and pine timber and oak brush
 undergrowth.
 4.21 Dry ravine 5 lks. wide course NW. ascend NE. slope 85 ft.
 13.88 Top of spur bears N 20° E. and S 20° W. desc. NW. slope 50 ft.
 21.55 Dry ravine 20 lks. wide course N 20° E. ascend SE. slope
 118 ft.
 35.88 Top of spur bears N 10° E. and S 10° W. descend W. slope
 35 ft.
 39.94 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 14 in N.,
 S 23, 1915. in S. half. from which
 A pine 12 ins. in diam. bears N $1^{\circ}45'$ E. 72 lks. dist.,
 marked $\frac{1}{4}$ S. 14 BT.
 A pine 8 ins. in diam. bears S 43° E. 57 lks. dist.,
 marked $\frac{1}{4}$ S 23 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E.
 Perkins bears N 74° W. 225 lks. dist.
 I destroy all trace of the cor. and the marks on the
 bearing trees to same.
 49.78 Dry ravine 8 lks. wide course north. ascend E. slope 78
 ft.
 55.38 Top of spur bears N. and S. descend W. slope 35 ft.
 6123. Dry ravine 15 lks. wide course N 10° W. ascend over NE.
 slope 100 ft.
 73.38 Top of spur bears N. and S. descend W. slope 10 ft.
 77.48 Dry ravine 15 lks. wide course N 50° E. ascend NE. slope
 45 ft.
 79.88 The cor. of secs. 14, 15, 22, and 23.
 Land mountainous, spurs steep washed on slopes, rocky.
 Soil poor dry stony clay loam 4 to 10 ins. deep on
 dry stony clay subsoil.
 Timber, juniper, cedar, oak and pine.

June 17, 1915.

h m
 June 28, 1915. At 2 02 p.m., l.m.z. I set off $34^{\circ}14'$ N. on
 the lat. arc, $25^{\circ}19'$ N. on the decl. arc and determine
 a meridian with the solar at the cor. of secs. 14, 15,

12 Partial Subdivision of T 10 N., R 20 E.

Chains. 22, and 23.

Thence

S $0^{\circ}01'E.$ bet. **fracl. secs. 22 and 23**

Descend SE. slope of spur 27 ft. over stony mountainous land through oak, juniper, cedar, and pine timber, and oak brush undergrowth.

2.25 Dry ravine 10 lks. wide course N $30^{\circ}E.$ ascend NW. slope 217 ft.14.00 Top of ridge bears N $20^{\circ}E.$ and S $20^{\circ}W.$ desc. SE. slope 76 ft.32.20 Dry ravine 10 lks. wide course N $20^{\circ}E.$ ascend NW. slope 96 ft.

37.00 Intersect N. bdy. of Ft. Apache Indian Reservation, 2.58 chs.

S $83^{\circ}41'E.$ of 72. M. Mon., described in Book "B". At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of fractional secs. 22 and 23, marked on brass cap

CC. N. of center

T 10 N., R 20 E. in N. and

F.A.I.R. 1915. in S. half.

S 22 in NW. and

S 23 in NE. sector.

Land mountainous, drains to the northeast.; spurs steep SE. slopes covered with dense manzanita brush.

Soil dry stony yellow clay loam. 5 to 6 ins. deep underlaid with sandstone ledges.

Timber oak, juniper, cedar and pine.

June 28, 1915.

h m

June 26, 1915. At 11 02 a.m., l.m.t. I set off $34^{\circ}13'N.$ on the decl. arc, $23^{\circ}23\frac{1}{2}'N.$ on the decl. arc and determine a meridian with the solar at the cor. of secs. 23, 24, 25, and 26.

Thence

West, on true line, bet. **fracl. secs. 23 and 26.**

Ascend NE. slope of spur 102 ft. over stony mountainous land, through heavy pine timber.

14.50 Top of spur bears N. and S. descend W. slope 31 ft.

17.85 Dry ravine 8 lks. wide course N $20^{\circ}E.$ ascend SE. slope 293 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 $\frac{1}{4}$ S 23 in N., and

S 26, 1915, in S. half, from which

A pine 12 ins. in diam. bears N $29\frac{1}{2}^{\circ}W.$ 90 lks. dist., marked $\frac{1}{4}$ S 23 BT. andA pine 20 ins. in diam. bears S $25\frac{1}{2}^{\circ}W.$ 42 lks. dist. marked $\frac{1}{4}$ S 26 BT. From this cor.

From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins under contract No. 40 bears N $51\frac{1}{2}^{\circ}W.$ 181 lks. dist., which cor. I destroy and the marks on bearing trees to same.

42.48 Intersect N. bdy. of Ft. Apache Indian Reservation 90 lks. N.

S $29^{\circ}46'W.$ of Angle Point 543, described in Book "B". At point of intersection,

Set an iron post, 3 ft. long 2 ins. in diam. 26 ins. in the ground for closing cor. of fractional secs. 23 and 26. marked on brass cap

CC. E. of center

T 10 N., R 20 E. in N., and

F.A.I.R. 1915. in S. half.

S 23 in NE. and

S 26 in SE. sector. From

From this cor. the unaccepted closing cor. of same secs. 23 and 26,

set by Deputy Charles E. Perkins under

contract No. 40 bears S $29\frac{1}{2}^{\circ}E.$ 20 lks. dist.

I destroy all traces of the old closing cor. and the marks on the bearing trees to same.

Land mountainous slopes to the northeast.

Chains.

Soil stony clay loam, on dry stony clay subsoil.
Timber oak, juniper, and pine.

At the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26 I set off $23^{\circ}23'N.$ on the decl. arc. and at apparent noon June 26, 1915. observe the sun on the meridian the resulting lat. being $34^{\circ}13'N.$

June 26, 1915.

h m

June 15, 1915. At 1 45 p.m., l.m.t. I set off $34^{\circ}16'N.$ on the lat. arc, $23^{\circ}18'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 10, and 11.

Thence

West on Sectional Correction Line bet. secs. 3 and 10. Ascend NE. slope over rolling mountainous land, through heavy pine timber.

12.00 Top of spur 36 ft. above cor. bears $N 20^{\circ}W.$ and $S 20^{\circ}E.$ descend over SW. slope 175 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

$\frac{1}{4}$ S 3 in N.,

S 10. 1915. in S. half from which

A pine 24 ins. in diam. bears $N 52\frac{1}{2}^{\circ}E.$ 36 lks. dist., marked $\frac{1}{4}$ S 3 BT. and

A pine 26 ins. in diam. bears $S 13^{\circ}E.$ 82 lks. dist., marked $\frac{1}{4}$ S 10 BT. From this cor.

From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins under contract No. 40 bears $N 8\frac{1}{4}^{\circ}E.$ 44 lks. dist.,

I destroy all trace of the cor. and marks on the bearing trees to same.

40.95 Dry ravine 15 lks. wide 4 ft. deep course north ascend E. slope 40 ft..

52.00 Top of spur bears $N 20^{\circ}W.$ and $S 20^{\circ}E.$ desc. SW. slope 107 ft.

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

T 10 N., R 20 E. in N., and

1915 in S. half

S 4 in NW.,

S 3 in NE.,

S 10 in SE., and

S 9 in SW. quadrant, from which

A pine 24 ins. in diam. bears $N 61\frac{1}{2}^{\circ}E.$ 23 lks. dist., marked T 10 N., R 20 E. S 3 BT.

A pine 22 ins. in diam. bears $S 18^{\circ}E.$ 49 lks. dist., marked T 10 N., R 20 E. S 10 BT.

A pine 16 ins. in diam. bears $S 2^{\circ}W.$ 52 lks. dist., marked T 10 N., R 20 E. S 9 BT. and

A pine 24 ins. in diam. bears $N 24\frac{1}{2}^{\circ}W.$ 40 lks. dist., marked T 10 N., R 20 E. S 4 BT.

From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins, bears $N 6^{\circ}40'E.$ 40 lks. dist.

I destroy all trace of this cor. and the marks on the bearing trees to same.

Land rolling mountains drains to the north.

Soil dry sandy loam, with considerable stone, 6 to 10 ins deep on dry stony clay subsoil.

Timber oak, juniper and pine.

June 15, 1915.

h m

June 19, 1915. At 7 16 a.m., l.m.t. I set off $34^{\circ}16'N.$ on the lat. arc, $23^{\circ}23'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of

- Chains. secs. 3, 4, 9, and 10.
- Thence
N 0° 08' E. on a random line bet. secs. 3 and 4
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.38 Intersect N. bdy. of Tp. 21 lks. E. of ~~west~~ corner of secs. 3, 4, 33 and 34, described in book "A"
- Thence
S 0° 01' E., on a true line bet. secs. 3 and 4.
- Descend SE. slope 76 ft. over hilly land through scattering pine and cedar timber.
- 2.60 Road from Pinedale to Linden Arizona bears N 70° E. and S 70° W.
- 2.82 Wire fence bears N 70° E. and S 70° W. Leave timber bears N 70° E. and S 70° W. Enter cultivated land bears N 70° E. and S 70° W.
- 6.60 Wire fence bears N 10° W. and S 10° E. Leave cultivated land
- 19.00 bears N 10° W. and S 10° E.
- 19.00 Foot of descent in depression bears E. and W. ascend N. slope of hill 70 ft.
- 34.50 Top of hill bears E. and W. desc. S. slope 25 ft.
- 39.25 Wire fence bears E. and W.
- 39.38 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 4 in W.
S 3 in E. and
1915. in S. half. from which
A pine 7 ins. in diam. bears S 76° E. 37 lks. dist. marked $\frac{1}{4}$ S 3 BT. and
A pine 14 ins. in diam. bears S 33° W. 19 lks. dist., marked $\frac{1}{4}$ S 4 BT. From this cor.
From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins under contract No. 40 bears N 3° E. 33 lks. dist. I destroy this cor. and the marks on the bearing trees. Lars Peterson's house bears N 60° 55' E. about 55.00 chs. dist.
- 40.68 Wire fence bears N 10° E. and S 10° W.
- 57.73 Wire fence bears N 10° W. and S 10° E.
- 71.80 Dry sand wash 20 lks. wide 4 ft. deep course N 30° E. asc. NW. slope. 34 ft.
- 76.88 Top of spur bears E. and W. desc. 34 ft.
- 79.38 The cor. of secs. 3, 4, 9, and 10.
Land hilly drains to the east and southeast.
Soil medium rich dry stony loam 4 to 8 ins. deep on stony clay subsoil.
Timber scattering cedar, juniper and pine.
-
- S 0° 01' E. bet. secs. 9 and 10.
- Ascend S. slope 82 ft. over rolling sandy land, through pine and oak timber.
- .60 Dry ravine .8 lks. wide 5 ft. deep course N 10° W. ascend
- 15.00 Top of spur bears E. and W. desc 30 ft.
- 38.05 Dry ravine 15 lks. wide 6 ft. deep course N 70° W. asc. N. 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
 $\frac{1}{4}$ S 9 in W.
S 10 in E., and
1915 in S. half. from which
A pine 12 ins. in diam. bears N 92° E. 33 lks. dist., marked $\frac{1}{4}$ S 10 BT.
An oak 10 ins. in diam. bears S 56 $\frac{1}{2}$ ° W. 108 lks. dist., marked $\frac{1}{4}$ S 9 BT. From this cor.
From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins under contract No. 40 bears N 7 $\frac{1}{2}$ ° W. 37 lks. dist.
I destroy all trace of this cor. and the marks on the bearing trees. to same.
- 65.00 Top of spur bears E. and W. desc. over S. slope 18 ft.
- 72.95 Dry ravine 10 lks. wide course N 40° E. ascend NW. slope

Chains. 46 ft.
 79.32 Wire fence bears E. and W.
 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
 T 10 N., R 20 E. in N. and 1915. in S. half.
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE. and
 S 16 in SW. quadrant. from which
 A pine 8 ins. in diam bears N 19 1/4° E. 79 lks. dist., marked T 10 N., R 20 E. S 10 BT.
 A pine 12 ins. in diam. bears S 72 1/2° E. 45 lks. dist., marked T 10 N., R 20 E. S 15 BT.
 A pine 18 ins. in diam. bears S 84 1/2° W. 78 lks. dist., marked T 10 N., R 20 E. S 16 BT. and
 An oak 10 ins. in diam. bears N 11 1/2° W. 72 lks. dist., marked T 10 N., R 20 E. S 9 BT.
 From this cor. the unaccepted cor. of same, secs. set by Deputy Charles E. Perkins, under contract No. 40 bears N 5° 20' E. 134 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.
 Land rolling and hilly drains to the northwest.
 Soil fine dry sandy loam on dry clay and stone subsoil.
 Timber pine and oak.

East on a random line bet. secs. 10 and 15.
 40.00 Set temp 1/4 sec. cor.
 80.14 Intersect N. and S. line 18 lks. S. of the cor. of secs. 10, 11, 14, and 15.
 Thence,
 S 89° 52' W. on a true line bet. secs. 10 and 15.
 Descend NW. slope of spur 215 ft. over rolling mountainous land through scattering oak, juniper, and cedar and heavy pine timber.
 26.64 Dry ravine 10 lks. wide 6 ft. deep course north.
 34.14 Top of spur 52 ft. above ravine bears N. and S. desc.
 40.07 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap
 1/4 S 10 in N., and
 S 15 1915 in S. half. from which
 A pine 24 ins. in diam. bears N 59 1/2° W. 31 lks. dist., marked 1/4 S 10 BT. and
 A pine 12 ins. in diam. bears S 48° E. 40 lks. dist., marked 1/4 S 15 BT. From this cor. the unaccepted 1/4 sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 13 1/2° E. 154 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.
 66.94 Dry ravine 10 lks. wide at foot of steep descent from spur course north. Leave mountainous land bears N. and S. Enter rolling land, ascend gradually over NE. slope 12 ft.
 75.14 Top of low hill, brs. N. and S. Desc. NW. slope 20 ft.
 79.99 Wire fence, bears N. and S. desc. over NW. slope 37 ft.
 80.14 The cor. of secs. 9, 10, 15 and 16.
 Land rolling and mountainous, drains to the northwest.
 Soil of the mountainous land poor stony clay loam 3 to 6 ins. deep on sandstone and clay subsoil.;
 Soil of the rolling land medium rich fine dry sandy loam about 8 ins. deep on dry clay subsoil.
 Timber oak, juniper, cedar, and pine.

S. 0° 01' E. bet. secs. 15 and 16.
 Ascend NW. slope over rolling mountainous land 63 ft.

16

Partial Subdivision of T 10 N., R 20 E.

- Chains. through heavy pine and scattering cedar and juniper timber along W. side of wire fence.
- 8.00 Top of spur bears N 20° E. desc. over SE. slope 18 ft.
- 19.60 Dry ravine 6 lks. wide course N 20° E. ascend over NW. slope 227 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
 $\frac{1}{4}$ S 16 in W.,
 S 15 in E. and
 1915. in S. half. from which
 A pine 14 ins. in diam bears N 68 $\frac{3}{4}$ ° E. 50 lks. dist., marked $\frac{1}{4}$ S 15 BT. and
 A pine 12 ins. in diam. bears N 40° W. 42 lks. dist. marked $\frac{1}{4}$ S 16 BT.
- At this cor. at apparent noon, June 19, 1915 I set off 23° 26' N on the decl. arc and observe the sun on the meridian. The resulting latitude reading being 34° 14' N.
 I destroy all traces of this cor. and the marks on the
 From this cor. the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under Contract No 40 bears N 72 $\frac{3}{4}$ ° E. 195 lks. dist. I destroy all traces of old. sec cor. and the marks on the bearing trees to same. the sun on the meridian the resulting latitude being 31° 11'.
- 65.00 Top of spur bears N 40° E. and S 40° W. desc. over SE. slope 58 ft.
- 78.00 Wire fence bears E. and W.
- 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
 T 10 N., R 20 E. in N.
 1915. in S. half.
 S 16 in NW.,
 S 15 in NE.,
 S 22 in SE., and
 S 21 in SW. quadrant. from which
 A pine 8 ins. in diam. bears N 63° E. 102 lks. dist., marked T 10 N., R 20 E. S 15 BT.
 A pine 18 ins. in diam. bears S 16° E. 36 lks. dist., marked T 10 N., R 20 E. S 22 BT.
 A pine 24 ins. in diam bears S 49° W. 48 lks. dist., marked T 10 N., R 20 E. S 21 BT. and
 An oak 8 ins. in diam. bears N 54° W. 13 lks. dist., marked T 10 N., R 20 E. S 16 BT.
- From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins, under contract No 40 bears N 6 $\frac{1}{2}$ ° E. 150 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.
 Land mountainous drains to the northeast.
 Soil poor dry stony clay loam 8 ins, deep on stony clay subsoil.
 Timber juniper, oak, cedar, and pine.
-
- 40.00 N 89° 52' E. on a random line bet. secs. 15 and 22. Set temp $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N. and S. line 03 lks. N. of the cor. of secs. 14, 15, 22, and 25.
 Thence
 S 89° 53' W. on a true line bet. secs. 15 and 22.
 Ascend abrupt rocky E. slope of spur 165 ft. over mountainous land, through oak, juniper, cedar and pine timber.
- 15.14 Top of spur bears N 10° E. and S 10° W. desc. over NW. slope 147 ft.
- 26.19 Dry ravine 10 lks. wide. course north ascend E. slope 41 ft.
- 31.14 Top of spur bears N. and S. desc. W. slope 86 ft.
- 37.14 Dry ravine 5 lks. wide course N 60° W. ascend NE. slope 8 ft.

Partial Subdivision of T 10 N., R 20 E.

Chains.

- 40.07 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 15 in N., and
 $\frac{1}{4}$ S 22, 1915. in S. half, from which
 A pine 12 ins. in diam. bears N $32\frac{1}{4}$ E. 60 lks. dist., marked $\frac{1}{4}$ S 15 BT. and
 A pine 12 ins. in diam. bears S 4° E. 62 lks. dist., marked $\frac{1}{4}$ S 22 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor., set by Deputy Charles E. Perkins, under contract No. 40 bears N $35\frac{3}{4}$ E. 98 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.
- 41.14 Top of spur bears N 60° W. and S 60° E. desc. over SW. slope 165 ft.
- 59.74 Dry ravine 6 lks. wide course S 40° W. Ascend SE. slope 9 ft.
- 61.64 Top of spur, bears S 20° W. Desc. NW. slope 106 ft.
- 78.35 Ravine, 5 lks. wide, course SW. Ascending 106 ft.
- 80.14 The cor. of secs. 15, 16, 21, and 22.
 Land mountainous, spurs steep, washed on slopes rocky. Soil poor dry sandy and stony clay loam about 6 ins. deep on stony clay subsoil.
 Timber oak, juniper, cedar, and pine.

June 19, 1915.

h m

- June 28. 1915. At 9 $\frac{33}{60}$ a.m., l.m.t. I set off $34^{\circ}14'N.$ on the lat. arc, $23^{\circ}20'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 15, 16, 21, and 22.
 Thence
 S $0^{\circ}01'E.$ bet. fractional secs. 21 and 22.
 Descend SE. slope 10 ft. over mountainous land, through oak, pine, and juniper timber.
- 1.10 Dry ravine 8 lks. wide course S 70° W. ascend NW. slope 123 ft.
- 13.00 Top of spur bears N 60° W. and S 60° E. desc. SW. slope 88 ft.
- 32.55 Dry ravine 20 lks. wide course N 60° W. ascend NE. slope 216 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
 $\frac{1}{4}$ S 21 in W.,
 S 22 in E., and
 1915. in S. half. from which
 A pine 30 ins. in diam. bears N $5\frac{3}{4}$ E. 30 lks. dist., marked $\frac{1}{4}$ S 22 BT. and
 A pine 30 ins. in diam. bears S $65\frac{3}{4}$ W. 59 lks. dist., marked $\frac{1}{4}$ S 21 ET. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract No. 40 bears N $6\frac{1}{2}$ E. 177 lks. dist., which cor. I destroy and marks on bearing trees to same.
- 68.58 Intersect N. bdy. of Fort Apache Indian Reservation, 7.04
 chains. S. $69^{\circ}30'W.$ of Angle point 566 described in Book "B."
 At point of intersection, set an iron
 Set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of fractional secs. 21 and 22., marked on brass cap
 CC N. of center.
 T 10 N., R 20 E. in N. and
 F.A.I.R. 1915. in S. half.
 S 22 in NE. and
 S 21 in NW. sector.
 I destroy all trace of the old closing cor. of secs. 21 and 22 set by Deputy Charles E. Perkins under contract No. 40 and the marks on the old bearing trees.
 Land mountainous, spurs steep, rocky.
 Soil dry stony clay loam about 8 ins. deep on stony clay subsoil.
 Timber oak, juniper, cedar and pine.

June 28, 1915.

18

Partial Subdivision of T 10 N., R 20 E.

- Chains. June 18, 1915. At 10⁰⁰ a.m., l.m.t. I set off $34^{\circ}16'N.$ on the lat. arc $23^{\circ}24\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 9, and 10.
- Thence
- West on Sectional Correction Line bet. secs. 4 and 9.
Descend NW. slope over rolling sandy land 16 ft. through heavy pine timber.
- .10 Dry ravine 8 lks. wide course $N 50^{\circ}W.$ ascend 17 ft.
- .50 Top of ascent on point of ridge bears NW. and SE. descend. 10 ft.
- 5.60 Dry ravine 25 lks. wide course $N 10^{\circ}E.$ ascend SE. slope 20 ft.
- 15.00 Top of ridge bears $N 30^{\circ}W.$ and $S 30^{\circ}E.$ descend SW. slope 197 ft.
- 25.23 Wood road bears $N 60^{\circ}W.$ and $S 60^{\circ}E.$
- 40.00 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$ S 4 in N., and
 $\frac{1}{4}$ S 9, 1915 in S. half. from which
- A pine 26 ins. in diam. bears $N 10\frac{3}{4}^{\circ}W.$ 75 lks. dist., marked $\frac{1}{4}$ S 4 BT., and
- A pine 18 ins. in diam. bears $S. 17\frac{3}{4}^{\circ}E.$ 15 lks. dist. marked $\frac{1}{4}$ S 9 BT. From this cor.
- From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears $N 2^{\circ}W.$ 59 lks. dist.
- Another $\frac{1}{4}$ sec. cor. also set by deputy Perkins bears $N 75\frac{1}{2}^{\circ}W.$ 105 lks. dist.
- I destroy all traces of these corners and the marks on the bearing trees to same.
- 52.70 Dry ravine 15 lks. wide 15 ft. deep course $N 20^{\circ}W.$ ascend 15 ft.
- 52.85 Top of ascent on bank W. side of wash. desc. gradually 68 ft.
- 64.95 Road from Pinedale to the sawmill in T 10 N., R 20 E. bears $N 20^{\circ}E.$ and $S 20^{\circ}W.$
- 69.65 Right bank of the Mortison Wash 4 ft. high bears N. and S. thence over dry bed of wash. Leave timber bears N. and S.
- 72.40 Left bank of the Mortison Wash 4 ft. high bears N. and S. thence over level sandy bottom land.
- 73.06 Wire fence bears N. and S.; Enter plowed land bears N. about 40.00 chs. and S. 20.00 chs. dist.
- 80.00 Set an iron post $\frac{3}{4}$ ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8, and 9, marked on brass cap
- T 10 N., R 20 E. in N.
1915 in S. half.
S 5 in NW.
S 4 in NE.,
S 9 in SE., and
S 8 in SW. quadrant.; Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.; pits impracticable.
- The Forest Ranger's house bears $S 14\frac{1}{2}^{\circ}W.$ about 10.00 chs. dist.
- The unaccepted cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40 bears $N 1^{\circ}30'W.$ 62 lks. dist.
- I destroy this cor. and the marks on the two bearing trees to same.

June 18, 1915.

h m

June 21, 1915. At 7¹⁶ a.m., l.m.t. I set off $34^{\circ}16'N.$ on the lat. arc $23^{\circ}27\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 8, and 9

Thence

N $0^{\circ}01'W.$ on a random line bet. secs. 4 and 5.

Chains

- 79.72 Intersect N. bdy. of Tp. 30 lks. E. of reestablishment of secs. 4, 5, 32 and 33, described in book "A"
Thence,
S 0° 14' E., on a true line bet. secs. 4 and 5.
Ascend NE. slope 144 ft. over stony hilly land, through scattering pine timber in lane.
- 9.60 Road from Pinedale to Linden Arizona bears E. and W.
- 16.70 Road from Pinedale to Cibicu Arizona bears N 30° W. and S 30° E.
- 35.00 Top of hill bears N 70° E. and S 70° W. desc. S. slope 52 ft.
- 37.10 Dry ravine 20 lks. wide at foot of descent. course east ascend N. slope 81 ft.
- 39.72 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap
1/4 S 5 in W.,
S 4 in E., and
1915 in S. half.
No trees suitable for bearing trees within limits.; raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.
No trace of the 1/4 sec. cor. set by deputy Perkins can be found.
- 49.72 A point 2.00 chs. west of H. Cheney's house.
- 64.72 Top of hill bears E. and W. descend S. slope 70 ft.
- 76.00 Leave timber bears E. and W.
- 78.72 Foot of descent. leave hilly land bears E. and W.; Enter level sandy bottom land.
- 78.75 Wire fence bears N 5° E. and S 5° W.; Enter cultivated land.
- 79.72 The cor. of secs. 4, 5, 8, and 9.
Land level and hilly.
Soil of N. 78 chs. sandy and stony clay loam 2 to 6 ins. deep on dry stony clay subsoil. S. 2,00 chs. rich dry sandy loam about 14 ins. deep on dry adobe clay and gravelly subsoil.
Timber pine.

- S 0° 02' E. bet. secs. 8. and 9.
Over level sandy bottom land in plowed field.
- 10.10 Wire fence bears E. and W.; Leave plowed land bears E. 5 chs.
- 10.60 Road from Pinedale to Cibicu Arizona bears N 5° W. and S 5° E.
- 15.90 Left bank of the Mortison Wash 3 ft. high bears N 30° E., and S 30° W. thence over dry gravelly bed of wash.
- 19.00 Right bank of wash 3 ft. high bears N 20° E. and S 20° W.
- 25.20 Right bank of the Mortison Wash 3 ft. high bears N 10° W. and S 10° E.
- 28.40 Right bank of the Mortison Wash bears N 10° E. and S 10° W. thence over nearly level sandy bottom land, through scattering pine and cottonwood timber.
- 32.65 Road from Pinedale to Cibicu Arizona bears N 10° E. and S 10° W.
- 40.00 Wire fence bears N 10° E. and S 10° W. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap
1/4 S 8 in W.,
S 9 in E., and
1915 in S. half. from which
An oak 10 ins. in diam. bears N 67° E. 56 lks. dist., marked 1/4 S 9 BT. and
A pine 8 ins. in diam. bears N 54 1/4° W. 69 lks. dist., marked 1/4 S 8 BT. From this cor.
I destroy the accepted 1/4 sec. cor. set by Deputy Charles E. Perkins bears N 8° W. 93 lks. dist.
I destroy all traces of the cor. and the marks on the bearing trees to same.
- 48.00 Enter cultivated land bears N. 20° E. 3.50 chs. and S 10° W. 8.00 chs dist.

20 Partial Subdivision of T 10 N., R 20 E.

Chains.

- 58.50 Peterson's house bears west about 9.00 chs.
 59.92 Wire fence bears E. and W.; Leave cultivated land bears E. 3.00 chs. and W. 10.00 chs. dist.
 62.95 Road from Pinedale to Cibicu Arizona bears N 40° W. and S 40° E.
 76.90 Right bank of the Mortison wash 4 ft. high bears N 20° W. and S 20° E.
 78.40 Left bank of wash 3 ft. high bears N 40° W. and S 40° E.
 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
- T 10 N., R 20 E. in N., and
 1915 in S. half.
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quadrant, from which
- A pine 8 ins. in diam. bears N 39½° E. 117 lks. dist. marked T 10 N., R 20 E. S 9 BT.
 A pine 8 ins. in diam. bears S 37° E. 112 lks. dist. marked T 10 N., R 20 E. S 16 BT.
 A pine 8 ins. in diam. bears S 56° W. 118 lks. dist., marked T 10 N., R 20 E. S 17 BT. and
 An oak 4 ins. in diam. bears N 64° 15' W. 173 lks. dist. marked T 10 N., R 20 E. S 8 BT.
 From this cor. the unaccepted cor. of same secs. 8, 9, 16, and 17. set by Deputy Charles E. Perkins bears N 14° 10' W. 116 lks. dist., marked
 I destroy all traces of this cor. and the marks on the bearing trees to same.
 Land level sandy and gravelly bottom land, drains to the north.
 Soil medium rich dry sandy and gravelly loam 12 to 18 ins. deep on dry gravelly subsoil.
 Timber oak, cottonwood and pine.
-
- 40.00 East on a random line bet. secs. 9 and 16.
 Set temp. ¼ sec. cor.
 79.92 Intersect N. and S. line 8 lks. S. of the cor. of secs. 9, 10, 15, and 16.
 Thence, from
 S 89° 57' W. on a true line bet. secs. 9 and 16.
 Descend NW. slope 18 ft. over stony mountainous land through oak, juniper, and pine timber.
 4.42 Foot of descent in pass bears N 10° E. and S 10° W. ascend NE. slope 41 ft.
 23.92 Top of spur bears N 30° E. and S 20° W. descend over NW. slope 134 ft.
 36.12 Dry ravine 6 lks. wide course S 20° W. ascend over SE. slope. 34 ft.
 39.96 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap
 ¼ S 9 in N., and
 S 16; 1915. in S. half, from which
 A juniper 16 ins. in diam. bears N 2½° E. 28 lks. dist., marked ¼ S 9 BT. and
 A pine 16 ins. in diam. bears S. 39½° W. 66 lks. dist., marked ¼ S 16 BT. From this cor.
 From the unaccepted ¼ sec. cor. set. by Deputy Charles E. Perkins under contract No. 40 bears N 29½° E. 168 lks. dist.
 I destroy all traces of this cor. and the marks on the bearing trees to same.
 46.27 Top of spur bears N 20° E. and S 20° W. descend along SW. slope 244 ft.
 49.77 Wire fence bears N. and S. 1.00 chain. S. of cor.
 63.82 Leave timber bears N. and S.; Enter cultivated land bears N 1.00 chain and S. about 20 chs.
 68.62 Wire fence bears N. and S.

Chains.

- 76.40 Wire fence bears N. and S at foot of descent.; Leave cultivated land bears N. 1.00 chain. and S. about 20.00 chs. Leave mountainous land bears N. and S.
- 77.12 Intersect right bank of the Mortison wash 5 ft. high, bears N. and S.
- 79.02 Intersect left bank of wash, 5 ft. high bears N. and S. thence over level bottom land through scattering pine and cottonwood timber.
- 79.82 Road from Pinedale to Cibicu Arizona bears N 40° E. and S 40° W.
- 79.92 The cor. of secs. 8, 9, 16, and 17.
Land level and mountainous.
Soil poor dry sandy and stony clay loam about 12 ins. deep on stony clay and gravel subsoil.
Timber oak, juniper, and pine.

Note; At the cor. of secs. 8, 9, 16, and 17 I set off 23° 27' N. on the decl. arc and at apparent noon June 21, 1915. observe the sun on the meridian.; the resulting latitude being 34° 15' N.

- S 0° 02' E. bet. secs. 16 and 17.
Over rolling sandy and gravelly bottom land, through pine and oak timber.
- .05 Road from Pinedale to Cibicu Arizona bears N 40° E. and S 40° W.
- 25.30 Intersect left bank of the Mortison Wash 3 ft. high bears N 20° E. and S 20° W. thence over dry bed of wash.
- 27.00 Intersect left bank of wash 3 ft. high bears N 10° W. and S 10° E. thence over rolling stony bottom land.
- 33.70 Road from Pinedale to J. Peterson's ranch bears N 10° E., and S 10° W.
- 35.00 A point 4.00 chs. E. of saw mill.
- 35.60 Center of the Mortison Wash 150 lks. wide course N 10° E. Leave rolling bottom land bears N 10° E. and S 10° W. Enter hilly land ascend NW. slope 92 ft. along log fence on E. side of lane.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 17 in W.,
S 16 in E., and
1915 in S. half. from which
A pine 4 ins. in diam. bears N. 9° E. 14 lks. dist., marked $\frac{1}{4}$ S 16 BT. and
A pine 4 ins. in diam. bears N. 40 $\frac{3}{4}$ ° W. 91 lks. dist., marked $\frac{1}{4}$ S 17 BT. From this cor.
From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 10 $\frac{1}{4}$ ° W. 120 lks. dist.
I destroy all traces of this cor. and the marks on the bearing trees to same.
- 66.00 Top of hill 60 ft. above the $\frac{1}{4}$ sec. cor. bears E. and W. descend S. slope 34 ft.
- 69.55 A point from which a spring bears east 150 lks. dist.
- 71.60 A point from which J. Peterson's house bears east about 3.00 chs. dist.
- 74.50 Road bears N 20° W. and S 20° E.
- 75.00 Jess Brewer's house bears N 70° W. about 2.00 chs dist.
- 75.60 Dry ravine 25 lks. wide course west ascend NW. slope 25 ft.
- 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

T 10 N. R 20 E. in N., and
1915 in S. half.
S 17 in NW.
S 16 in NE.,
S 21 in SE. and S
S 20 in SW. quadrant. from which

Chains. A pine 36 ins. in diam. bears N $7\frac{1}{4}^{\circ}$ E. 49 lks. dist., marked T 10 N., R 20 E. S 16 BT.
 An oak 10 ins. in diam bears S $65\frac{1}{2}^{\circ}$ E. 64 lks. dist., marked T 10 N., R 20 E. S 21 BT.
 An oak 12 ins. in diam. bears S 65° W. 30 lks. dist., marked T 10 N., R 20 E., S 20 BT. and
 An oak 8 ins. in diam. bears N $23\frac{1}{4}^{\circ}$ W. 65 lks. dist., marked T 10 N., R 20 E. S 17 BT.
 From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins bears N $7\frac{1}{4}^{\circ}$ W. 123 lks. dist. I destroy all traces of this cor. and the marks on the bearing trees to same.
 Land rolling and hilly, slopes to the northwest.
 Soil dry stony clay loam 4 to 10 ins. deep on dry stony clay subsoil.
 Timber scattering oak and pine.

40.00 N $89^{\circ}57'$ E. on a random line bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 16 lks. N. of the cor. of secs. 15, 16, 21, and 22.
 Thence
 N $89^{\circ}56'$ W. on a true line bet. secs. 16 and 21.
 Descend W. slope of spur over stony mountainous land, through heavy pine and scattering juniper and oak timber.
 14.30 Dry ravine 10 lks. wide 40 ft. below cor. course south., ascend E. slope of spur 22 ft.
 22.80 Top of spur bears N. and S. descend W. slope 124 ft.
 38.90 Dry ravine 5 lks. wide course south ascends E. slope 20 ft.
 39.90 Set an iron post $\frac{1}{2}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 16 in N.,
 S 21.1915. in S. half. from which
 A pine 36 ins. in diam. bears N $39\frac{1}{2}^{\circ}$ E. 57 lks. dist., marked $\frac{1}{4}$ S 16 BT. and
 A pine 12 ins. in diam. bears S 61° E. 101 lks. dist., marked $\frac{1}{4}$ S 21 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins under contract bears N $18\frac{3}{4}^{\circ}$ W. 177 lks. dist.,
 I destroy all traces of this cor. and the marks on the bearing trees to same.
 42.80 Top of spur bears N. and S. desc. W. slope 200 ft.
 73.00 Dry ravine 25 lks. wide at foot of descent course N 30° W. Leave mountainous land bears NW. and SE. Enter rolling land.
 77.30 Wood road bears S 10° E. and N 10° W.
 79.80 The cor. of secs. 16, 17, 20, and 21.
 Land rolling and mountainous, drains to the west and southwest.
 Soil of the mountainous portion poor stony clay loam 6 ins. deep on dry stony clay subsoil. Soil of the rolling land medium rich sandy loam about 8 ins. deep on dry clay subsoil.
 Timber oak, juniper, and pine.
 Mountainous land 73.00 chs.

June 21, 1915.

h m
 June 23, 1915; At 2 32 p.m., 1.m.t. I set off $34^{\circ}13'$ N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 16, 17, 20, and 21.

Thence
 S $0^{\circ}02'$ E. bet. secs. 20 and 21.
 Over rolling stony land through heavy pine timber. slopes to the north.

1000

Partial Subdivision of Township 10 North, Range 20 East. 23.

Chains.

10.00 Top of low ridge, 45 ft. above cor., brs.N.50°W. and S.50° E.; descend SW.slope, 17 ft.

15.60 Dry ravine, 25 lks.wide, course W. Leave rolling land, brs.E.and W. Ascend NW.slope, over stony, mountainous land.

18.30 Wood road brs.N.50°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,
 $\frac{1}{4}$ S 20 in W.,
S 21 in E., and
1915 in S.half; from which
A pine, 14 ins. in diam., brs.N.15 $\frac{1}{4}$ °E., 82 lks. dist., marked $\frac{1}{4}$ S 21 B T.
An oak, 12 ins. in diam., brs.S.32 $\frac{1}{4}$ °W., 52 lks. dist., marked $\frac{1}{4}$ S 20 B T.

From this cor., the unaccepted $\frac{1}{4}$ sec.cor. set by Deputy Charles E.Perkins under contract No.40, brs.N.7°20'W., 150 lks.dist., which I destroy, and the marks on the bearing trees to same.

48.00 Top of spur, 250 ft. above last ravine, brs.N.70°W. and S. 70°E.; descend SW.slope, 55 ft.

60.30 Dry ravine, 5 lks.wide, course N.70°W.; ascend NE.slope of spur, 84 ft.

70.00 Top of ridge, brs.E.and W.; descend S.slope, 40 ft.

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 29m marked on brass cap,
T 10 N, R 20 E in N., and
1915 in S.half;
S 20 in NW.,
S 21 in NE.,
S 28 in SE., and
S 29 in SW. quadrant; from which,
A pine, 26 ins. in diam., brs.N.65°E., 160 lks. dist., marked T 10 N R 20 E S 21 B T.
A pine, 16 ins. in diam., brs,S 78°E., 90 lks. dist., marked T 10 N R 20 E S 28 B T.
A pine, 28 ins. in diam., brs.S.60°W., 20 lks. dist., marked T 10 N R 20 E S 29 B T.
A pine, 12 ins. in diam., brs.N.17 $\frac{1}{4}$ °W., 158 lks. dist., marked T 10 N R 20 E S 20 B T.

From this cor., the unaccepted cor.of same secs. set by Deputy Charles E.Perkins under contract No.40, brs. N.11 $\frac{3}{4}$ °W., 158 lks.dist., which I destroy, and the marks on the bearing trees to same.

Land, rolling and mountainous; spurs steep rocky, washed on slopes.
Soil, dry, stony clay loam on clay subsoil.
Timber, pine, oak and juniper.

June 23, 1915.

June 25, 1915. At 3h. 47m. p.m., l.m.t., I set off 34° 13'N. on the lat.arc; 23°25'N. on the decl.arc, and determine a meridian with the solar at the cor.of secs. 20,21,28 and 29.

Thence,
East, on a true line, bet. fractional secs. 21 and 28.
Ascend steep rocky, SW.slope, 223 ft., over mountainous land, through heavy pine and scattering oak timber.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 21 in N., and
S 28, 1915 in S.half; from which,
An oak, 6 ins. in diam., brs.N.36 $\frac{3}{4}$ °E., 16 lks. dist., marked $\frac{1}{4}$ S 21 B T.
A pine, 10 ins. in diam., brs.S.1 $\frac{1}{4}$ °E., 29 lks. dist., marked $\frac{1}{4}$ S 28 B T.

24. Partial Subdivision of T. 10 North, Range 20 East.

Chains.

- From this cor., the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40, brs. N. $1\frac{1}{2}^{\circ}$ W., 168 lks. dist., which I destroy, and the marks on the bearing trees to same.
- 62.08 Intersect the N. bdy. of the Fort Apache Indian Reservation 65 lks. S. $75^{\circ}58'$ W. of angle point No. 569, described in Book "B." At the point of intersection, Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground for closing cor. of fracl. secs. 21 and 28, marked on brass cap,
 C C W of center,
 T 10 N R 20 E in N., and
 F A I R, 1915 in S. half;
 S 21 in NW., and
 S 28 in SW. sector.
- Land, mountainous, drains to the west and northwest.
 Soil, dry, stony clay loam, 12 ins. deep, on stony clay subsoil.
 Timber, oak, juniper and pine.
- June 25, 1915.
-
- June 24, 1915. At 1h. 32m., p.m., l.m.t., I set off $34^{\circ}13'$ N., on the lat. arc; $23^{\circ}26'$ N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29.
- Thence,
 S. $0^{\circ}02'$ E., bet. secs. 28 and 29.
 Descend SW. slope of spur, 30 ft., over mountainous land, through heavy pine timber.
- 6.80 Dry ravine, 6 lks. wide, course west. Ascend N. slope, 177 ft.
- 24.00 Top of spur, brs. S. 70° W.; descend SE. slope, 47 ft.
- 32.65 Dry ravine, 8 lks. wide, course S. 70° W.; ascend NW. slope, 25 ft.
- 38.00 Top of spur, brs. E. and W.; descend S. slope, 10 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,
 $\frac{1}{4}$ S 29 in W.,
 S 28 in E., and
 1915 in S. half; from which
 A pine, 16 ins. in diam., brs. N. $74\frac{1}{4}^{\circ}$ E., 75 lks. dist., marked $\frac{1}{4}$ S 28 B T.
 A pine, 22 ins. in diam., brs. S. 62° W., 75 lks. dist., marked $\frac{1}{4}$ S 29 B T.
- From this cor., the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under Contract No. 40 brs. N. $18^{\circ}10'$ W., 166 lks. dist., which I destroy, and the marks on the bearing trees to same.
- 44.40 Dry ravine, 6 lks. wide, course N. 50° W., ascend NE. slope, 103 ft.
- 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,
 T 10 N R 20 E in N., and
 1915 in S half;
 S 29 in NW.,
 S 28 in NE.,
 S 33 in SE., and
 S 32 in SW. quadrant; from which
 A pine, 16 ins. in diam., brs. N. $38\frac{3}{4}^{\circ}$ E., 40 lks. dist., marked T 10 N R 20 E S 28 B T.
 A pine, 20 ins. in diam., brs. S. 45° E., 62 lks. dist., marked T 10 N R 20 E S 33 B T.
 A pine, 24 ins. in diam., brs. S. $50\frac{1}{2}^{\circ}$ W., 88 lks. dist., marked T 10 N R 20 E S 32 B T., and

Partial Subdivision of T 10 N., R 20 E.

Chains.

A pine 22 ins. in diam. bears N 63 $\frac{3}{4}$ ° W. 90 lks. dist., marked T 10 N., R 20 E. S 29 BT.
 From this cor. the unaccepted cor. of same secs. . . . set by Deputy Charles E. Perkins, under contract No. 40 bears N 21 $\frac{1}{2}$ ° W. 160 lks. dist.
 I destroy all traces of this cor. and the marks on the bearing trees to same.
 Land mountainous drains to the west and northwest., spurs steep, rocky, washed on slopes.
 Soil stony clay loam 6 ins. deep on stony clay subsoil.
 Timber oak and pine.

12.22

East on a true line bet. fractional secs. 28 and 33.
 Ascend NW. slope over stony mountainous land 82 ft.
 Intersect the N. bdy. of the Fort Apache Indian Reservation 6.70 chs. S 2° 30' W. of Angle point No. 583, described in book "B". At point of intersection, set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of fractional secs. 28 and 33., marked on brass cap
 CC W. of center.
 T 10 N., R 20 E. in N., and
 F.A.I.R., 1915 in S. half.
 S 28 in NW. and
 S 33 in SW. sector. From this cor.
 From the unaccepted closing cor. of fractional secs. 28, and 33 bears N 2° 30' E. 87 lks. dist.
 I destroy all traces of this cor. and the marks on the bearing trees to same.
 Land mountainous.
 Soil stony clay loam about 6 ins. deep on dry stony clay subsoil.
 Timber oak and pine.

4.00

From cor. of secs. 28, 29, 32 and 33,
 S 0° 02' E. on a true line bet. fractional secs. 32 and 33.
 Ascend NW. slope 13 ft. over mountainous land through heavy pine timber.
 Top of spur bears N 70° W. and S 70° E. descend over SW. slope 43 ft.

7.85

Dry ravine 5 lks wide course N 70° W. ascend NE. slope 80 ft.

23.92

Wire fence along N. bdy. of the Fort Apache Indian Reservation bears N 50° E. and S 50° W.

24.32

Intersect N. bdy. of the Fort Apache Indian Reservation 2.87 chs. S 51° 12' W. of Angle point No. 586, described in book "B".
 At point of intersection, set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of fractional sections. 32 and 33., marked on brass cap,
 CC N. of center.
 T 10 N., R 20 E. in N., and
 F.A.I.R., 1915 in S. half
 S 32 in NW. and
 S 33 in NE. sector. From this
 From cor. the unaccepted closing cor. of fractional secs. 32 and 33. set by deputy Charles E. Perkins under contract No. 40 bears N 51° 12' E. 136 lks. dist.
 I destroy all traces of the closing cor. and the marks on the bearing trees to same.
 Land mountainous, slopes to the NW.
 Soil poor stony clay loam about 8 ins. deep on stony clay subsoil.
 Timber oak and pine.

June 24, 1915.

- Chains. June 18, 1915. At 11⁰⁰ a.m., l.m.t. I set off $34^{\circ}16'N$. on the lat. arc, $23^{\circ}24\frac{1}{2}'N$. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 8, and 9.
- Thence
West on Sectional Correction Line bet. secs. 5 and 8.
Over level sandy bottom land. in plowed field.
- .04 Wire fence bears N $5^{\circ}E$. and S $5^{\circ}W$. enter lane. bears N. and S. Leave plowed field bears N. $2\frac{1}{2}$ chs. and S. 10.00 chs.
- .36 Road from Pinedale to Cibicu Arizona bears N. and S.
- .74 Wire fence and telephone line to Forest ranger station bears N. and S. leave lane. Enter cultivated field bears N 3.00 chs. and S. about 12.00 chs.
- 13.90 Wire fence bears N $20^{\circ}W$. and S $20^{\circ}E$. Leave cultivated land.
- 13.90 Wood road bears N $20^{\circ}W$. and S $20^{\circ}E$.
- 14.35 Wire fence bears N $20^{\circ}W$. and S $20^{\circ}E$. Enter cultivated land bears N $20^{\circ}W$. and S $20^{\circ}E$. extends N. about 5 chs. and S. 10.00 chs. dist.
- 14.50 Leave level cultivated bottom land bears NE. 4.00 chs. and SW. about 15 chs. dist. Enter mountainous land and heavy pine timber bears NE. and SW. ascend over SE. slope of spur 147 ft.
- 17.10 Wire fence bears N. and S.
- 39, 37 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 5 in N., and
S 8. 1915. in S. half. from which
A pine 24 ins. in diam. bears N $57\frac{3}{4}^{\circ}W$. 56 lks. dist., marked $\frac{1}{4}$ S 5 BT. and
A pine 10 ins. in diam. bears S $73^{\circ}W$. 29 lks. dist., marked $\frac{1}{4}$ S 8 BT. From this cor.
From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract No. 40 bears N $20^{\circ}E$. 47 lks. dist.
I destroy all traces of this cor. and the marks on the bearing trees to same.
- At above described cor. I set off $23^{\circ}24\frac{1}{2}'N$. on the decl. arc, and at noon apparent time June 18, 1915 observe the sun on the meridian the resulting latitude being $34^{\circ}16'N$.
- 77.00 Top of rocky ridge bears NE. and SW. descend over NW. slope 25 ft.
- 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
T 10 N., R 20 E. in N., and
1915. in S. half.
S 6 in NW.
S 5 in NE.,
S 8 in SE. and
S 7 in SW. quadrant. from which
A pine 8 ins. in diam. bears N $37\frac{1}{4}^{\circ}E$. 80 lks. dist., marked T 10 N., R 20 E. S 5 BT.
An oak 8 ins. in diam. bears S $48\frac{1}{2}^{\circ}E$. 46 lks. dist., marked T 10 N., R 20 E. S 8 BT.
A pine 12 ins. in diam. bears S $65^{\circ}W$. 114 lks. dist., marked T 10 N., R 20 E. S 7 BT. and
A pine 12 ins. in diam. bears N $15^{\circ}W$. 71 lks. dist., marked T 10 N., R 20 E. S 6 BT.
From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins bears N $37^{\circ}E$. 63 lks. dist.
I destroy all traces of this cor. and the marks on the bearing trees to same.
Land rolling and mountainous, slopes to the east and northeast.
Soil E. 20 chs. rich fine dry sandy and adobe loam about 14 ins. deep on adobe clay subsoil. W. 60 chs. poor stony clay loam 3 to 6 ins. deep on clay and sand stone subsoil.
Timber oak and pine

2884

Partial Subdivision of T 10 N., R 20 E.

Chains. West on Sectional Correction Line bet. secs. 6 and 7. Descend NW. slope of spur over stony mountainous land 32 ft. through heavy pine timber.

21.45 Wood road bears N 10° E. and S 10° W.

23.60 Dry ravine 20 lks. wide course N 20° W. ascend NE. slope 27.7 ft.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap
 ¼ S 6 in N., and
 S 7.1915 in S. half from which

A pine 8 ins. in diam. bears N 71° W. 50 lks. dist., marked ¼ S 6 BT. and

A juniper 12 ins. in diam. bears S 59½° W. 75 lks. dist. marked ¼ S 7 BT. From this cor. the unaccepted ¼ sec. cor. set by Deputy Charles E. Perkins, bears N 69° 10' W. 130 lks. dist.

I destroy all traces of this cor. and the marks on the bearing trees to the same.

48.00 Top of ascent on steep S. slope of spur bears S 30° E. descend over SW. slope 37 ft.

61.70 Dry ravine 10 lks. wide course S 40° E. ascend steep NE. slope of spur 194 ft..

75.00 Top of spur bears N 30° W. and S 30° E. Desc. SW. slope 10 ft.

77.77 Intersect W. bdy. of Tp., 65 lks. S. 0° 5' W. of old cor. of secs. 1, 6, 7 and 12, later reestablished by me as cor. of secs. 1 and 12 only as described in book "A", At the point of intersection

77.77 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

CC E. of center.
 T 10 N. in N.
 1915 in S. and
 S 1., S 12., R 19 in W. half.
 S 6 in NE. and
 S 7., R 20 E. in SE. quadrant. from

which,

A juniper 12 ins. in diam. bears N 71½° E. 76 lks. dist., marked T 10 N., R 20 E. S 6 BT. and

A pine 16 ins. in diam. bears S 23° E. 28 lks. dist., marked T 10 N., R 20 E. S 7 BT.

Land mountainous, slopes to the east and southeast.; spurs steep rocky washed on slopes.
 Soil poor dry stony clay loam 3 to 6 ins. deep on clay and decomposed sand stone subsoil.
 Timber oak, juniper, and pine.

June 18, 1915.

h m
 June 22 1915. At 7 46½ a.m., l.m.t. I set off 34° 16' N. on the lat. arc, 23° 28' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7, and 8.

Thence

40.00 N 0° 14' W. on a random line bet. secs. 5 and 6. Set temp. ¼ sec. cor.

79.88 Intersect N. bdy. of Tp. 9 lks. W. of reestablished cor. of secs. 5 and 6, described in book "A".

Thence

4.85 S 0° 10' E. on a true line bet. secs. 5 and 6.

Descend S. slope over hilly land, through scattering cedar, juniper and pine timber.

31.88 Dry ravine 20 ft. below cor., 15 lks. wide 8 ft. deep course N 30° E. ascend N. slope 20 ft.

39.88 Top of hill bears E. and W., descend over S. slope 52 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

¼ S 6 in W.,
 S 5 in E., and
 1915 in S. half. from which

28 Partial Subdivision of T 10 N. R 20 E.

Chains	<p>A cedar 12 ins. in diam. bears N $40\frac{3}{4}^{\circ}$ E. 93 lks. dist., marked $\frac{1}{4}$ S 5 BT. and</p> <p>A juniper 11 ins. in diam. bears S 11° W. 69 lks. dist., marked $\frac{1}{4}$ S 6 BT. From this cor.</p> <p>From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract No. 40 bears N 69° E. 108 lks. dist.</p> <p>I destroy all trace of this con. and the marks on the bearing trees to same.</p> <p>49.65 Dry ravine 8 lks. wide course east. ascend N. slope 6 ft.</p> <p>53.48 Top of spur bears E. and W. descend S. slope 53 ft.</p> <p>62.71 Dry ravine 25 lks. wide course N 30° E., leave hilly land bears NE. and SW. Ascend NW. slope over mountainous land.</p> <p>64.45 Wood road bears N 40° E. and S 40° W.</p> <p>79.88 The cor. of secs. 5, 6, 7, and 8. Land hilly and mountainous. Soil dry sandy and stony clay loam 4 to 12 ins. deep on stony and sandy clay subsoil. Timber Oak, juniper, cedar, and pine. Mountainous land 62, 71 chs.</p>
	<p>S $0^{\circ}02'$ E. bet. secs. 7 and 8. Ascend NW. slope of spur 46 ft. over stony mountainous land through scattering oak juniper and cedar and heavy pine timber.</p> <p>2.00 Top of spur bears N 30° E. and S 30° W. descend 62 over SE. slope</p> <p>12.00 Dry ravine 8 lks. wide course east. ascend N. slope 52 ft.</p> <p>19.00 Top of spur bears E. and W. descend over S. slope.</p> <p>22.60 Dry ravine 6 lks. wide course N 70° E. ascend NW. slope 46 ft.</p> <p>30.00 Top of spur bears E. and W. descend over S. slope 57 ft.</p> <p>39.30 Dry ravine 13 lks. wide course east. ascend N. slope 378 ft.</p> <p>40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 7 in W., S 8 in E., and 1915. in S. half. from which, A pine 10 ins. in diam. bears N $67\frac{1}{4}^{\circ}$ E. 126 lks. dist., marked $\frac{1}{4}$ S 8 BT. and A pine 20 ins. in diam. bears S $46\frac{1}{4}^{\circ}$ W. 86 lks. dist., marked $\frac{1}{4}$ S 7 BT. No trace can be found of the $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40. I find 2 bearing trees marked $\frac{1}{4}$ S BT. and destroy the markings on these trees.</p> <p>70.00 Top of spur bears N 20° W. and S 20° E. descend SE. slope 36 ft.</p> <p>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 T. 10 N., R 20 E. in N. and 1915 in S. half. S 7 in NW. S 8 in NE., S 17 in SE. and S 18 in SW. quadrant from which A juniper 6 ins. in diam. bears N $12\frac{1}{4}^{\circ}$ E. 124 lks. dist., marked T 10 N., R 20 E. S 8 BT. A juniper 24 ins. in diam. bears S 36° E. 108 lks. dist., marked T 10 N., R 20 E. S 17 BT. A juniper 10 ins. in diam. bears N $39\frac{1}{2}^{\circ}$ W. 66 lks. dist., marked T 10 N., R 20 E. S 7 BT. No other trees within limits.; Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable. Land mountainous, spurs steep, washed on slopes rocky.</p>

Chains. Soil poor dry stony clay loam 4 to 8 ins. deep on clay and stone subsoil.
 Timber oak, juniper, cedar, and pine.
 From above described cor., the unaccepted cor. of same ^{secs} set by Deputy Charles E. Perkins bears N 0° 02' W. 140 lks. dist. I destroy all traces of this cor. and the marks on the bearing trees to same.

40.00 East on a random line bet. secs. 8 and 17.
 Set temp $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. and S. line 24 lks. S. of the cor. of secs. 8, 9, 16, and 17.
 Thence
 S 89° 50' W. on a true line bet. secs. 8 and 17.
 6.63 Over rolling gravelly bottom land, through pine timber.
 Road from Pinedale to Cibicu Arizona bears N 10° W. and S 10° E.
 25.00 Wood road bears N. and S., leave rolling land bears N. and S. Enter mountainous land bears N. and S. ascend E. slope of spur. 225 ft.
 40.04 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 8 in N., and
 $\frac{1}{4}$ S 17., 1915 in S. half., from which
 A pine 14 ins. in diam. bears N 47° E. 122 lks. dist., marked $\frac{1}{4}$ S 8 BT. and
 A pine 24 ins. in diam. bears S 24 $\frac{1}{4}$ ° E. 134 lks. dist., marked $\frac{1}{4}$ S 17 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins bears N 1° 30' E. 168 lks. dist.
 I destroy all traces of the cor. and the marks on the bearing trees to the same.
 73.08 Top of spur 200 ft. above $\frac{1}{4}$ sec. cor. bears N 10° W. and S 10° E. descend SW. slope 56 ft.
 80.08 The cor. of secs. 7, 8, 17, and 18.
 Land rolling and mountainous, slopes to the east.
 Soil of E. 25 chs medium rich sandy and gravelly loam about 8 ins. deep on stony clay subsoil. W. 55 chs. poor stony clay loam on dry stony clay subsoil.
 Timber oak, juniper and pine.

At cor. of secs.
 7, 8, 17 and 18, I set off 23° 27' N. on the decl. arc and at apparent noon June 22, 1915. observe the sun on the meridian and obtain a reading of 34° 16' N. on the lat. arc.

Thence,

West, on a true line, bet. secs. 7 and 18.
 Descend SW. slope of spur 18 ft. over stony mountainous land through oak, juniper, cedar, and pine timber and dense oak brush undergrowth. 6 ft. high.
 .2.00 Dry ravine 5 lks wide course S 20° E. asc. 48 ft.
 20.00 Top of spur bears N 10° W. and S 10° E. desc. 74 ft.
 31.15 Dry ravine 15 lks: wide course south ascend E. slope 245 ft.
 40.00 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 7 in N., and
 $\frac{1}{4}$ S 18. 1915. in S. half. from which
 A pine 24 ins. in diam. bears N 20° E. 46 lks. dist., marked $\frac{1}{4}$ S 7 BT. and
 A pine 24 ins. in diam. bears S 48° E. 76 lks. dist., marked $\frac{1}{4}$ S 18 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract No. 40 bears N 1° 30' E. 163 lks. dist.
 I destroy all traces of this cor. and the marks on the bearing trees to same.

77.80. Intersect W. bdy. of Tp. 96 lks. S. $0^{\circ} 18' W.$ of old cor. of secs. 7, 12, 13 and 18, later reestab. by me as described in book "A" to refer to secs. 12 and 13. At point of intersection, ~~marked~~.
 78.00. Set an iron post $\frac{3}{4}$ ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 7 and 18., marked on brass cap
 CC.E. of center.
 T 10 N. in N.
 1915 in S., and
 S 12., S 13. R 19 in W. half.
 S 7 in NE. and
 S 18. R 20 E. in SE. quadrant. from which,
 A pine 20 ins. in diam bears N $78\frac{1}{2}^{\circ} E.$ 126 lks. dist., marked T 10 N., R 20 E. S 7 BT. and
 A pine 12 ins. in diam. bears S $42\frac{3}{4}^{\circ} E.$ 92 lks. dist. marked T 10 N., R 20 E. S 18 BT.
 Land mountainous, spurs steep, rocky covered with dense oak and manzanita brush undergrowth.
 Soil worthless stony clay loam 2 to 6 ins. deep on clay and stone subsoil.
 Timber oak, juniper, cedar, and pine .

June 22, 1915.

h m
 June 23, 1915. At 8²² a.m., l.m.t. I set off $34^{\circ} 15' N.$ on the lat. arc, $23^{\circ} 27\frac{1}{2}' N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 7, 8, 17, and 18.
 Thence
 S $0^{\circ} 02' E.$ bet. secs. 17 and 18.
 Descend steep rocky SW. slope 136 ft. over mountainous land through oak, juniper, cedar, and pine timber and oak and manzanita brush undergrowth 6 ft. high.
 11.60 Dry ravine 15 lks. wide course S $50^{\circ} E.$ ascend over NE: slope of spur 97 ft.
 23.00 Top of spur bears N $50^{\circ} W.$ and S $50^{\circ} E.$ descend over SW. slope 104 ft.
 33.55 Foot of descent in Lon's Canyon, cross gulch 25 lks. wide 8 ft. deep course N $70^{\circ} E.$ ascend 283 ft.
 36.75 Wood road bears N $60^{\circ} E.$ and S $60^{\circ} W.$
 40.00 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 18 in W.,
 S 17 in E. and
 1915 in S. half. from which
 A pine 8 ins. in diam. bears N $43\frac{1}{2}^{\circ} E.$ 32 lks. dist., marked $\frac{1}{4}$ S 17 BT. and
 A pine 16 ins. in diam. bears N $45\frac{3}{4}^{\circ} W.$ 27 lks. dist. marked $\frac{1}{4}$ S 18 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E Perkins under contract No. 40 bears N $3\frac{3}{4}^{\circ} W.$ 162 lks. dist.
 I destroy all traces of the cor. and the marks on the bearing trees to same.
 70.00 Top of spur bears N $30^{\circ} E.$ and S $40^{\circ} W.$ desc. over SE. slope 35 ft. stony clay loam about 2 ins. deep
 80.00 Set an iron post $\frac{3}{4}$ ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 18, 19, and 20., marked on brass cap,
 T 10 N., R 20 E. in N. and
 1915 in S. half.
 S 18 in NW.
 S 17 in NE.,
 S 20 in SE. and
 S 19 in SW quadrant. from which
 An oak 14 ins. in diam. bears N $63\frac{3}{4}^{\circ} E.$ 37 lks. dist. marked T 10 N., R 20 E. S 17 BT.

Partial Subdivision of T 10 N., R 20 E.

Chains. A pine 4 ins. in diam. bears S 18 $\frac{1}{2}$ ^o E. 25 lks. dist., marked T 10 N., R 20 E. S. 20 BT.
 A pine 14 ins. in diam. bears S 7 $\frac{1}{2}$ ^o W. 79 lks. dist., marked T 10 N., R 20 E. S. 19 BT.
 A juniper 12 ins. in diam. bears N 40^o W. 100 lks. dist. marked T 10 N., R 20 E. S. 18 BT.
 From this cor. the unaccepted cor. of same secs. set by Deputy Charles E. Perkins bears N 6^o W. 179 lks. dist., I destroy all trace of this cor. and the marks on the bearing trees to same.
 Land mountainous, spurs steep, washed on slope rocky. Soil poor dry stony clay loam, about 6 ins. deep on stony clay subsoil.
 Timber oak, juniper, cedar, and pine.

40.00 N 89^o 50' E. on a random line bet. secs. 17 and 20.
 79.98 Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 10 lks. N. of the cor. of secs. 16, 17, 20, and 21.
 Thence, S 89^o 56' W., on a true line, bet. secs. 17 and 20.
 Over rolling stony land, slopes to the west., through oak and pine timber.
 .90 Wire fence bears N. and S. Leave timber bears N. and S. Enter plowed land bears N. about 30 chs. and S 8 chs. dist.
 9.00 Leave plowed land bears N 20' chs. and S 8 chs. dist.; Enter scattering oak and pine timber bears N. and S.
 15.85 Intersect right bank of Mortison Wash, bears N 10^o E. & S. 10^o W.
 17.15 Intersect left bank of same, 4 ft. high, bears N. 10^o E. and S. 10^o W. Ascend gradually over E. slope to road.
 17.46 Wire fence, bears N. 10^o E. and S. 10^o W.
 19.45 Road from Pinedale to Cibicu Arizona bears N 10^o E. and S 10^o W. Leave rolling land bears N. and S. Enter mountainous land.
 39.99 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 $\frac{1}{4}$ S 17 in N. and S 20. 1915 in S. half, from which
 A pine 14 ins. in diam., bears N 74 $\frac{1}{2}$ ^o E. 118 lks. dist., marked $\frac{1}{4}$ S 17 BT. and
 A pine 12 ins. in diam. bears S 29 $\frac{1}{2}$ ^o W. 119 lks. dist., marked $\frac{1}{4}$ S 20 BT. From this cor
 the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 6 $\frac{1}{2}$ ^o W. 166 lks. dist.; I destroy all traces of this, cor. and the marks on the bearing trees to the same.
 62.00 Top of spur 300 ft. above the Mortison Wash, bears N. and S. descend W. slope 46 ft.
 68.75 Dry ravine 5 lks. wide course south. ascend E. slope 32 ft.
 79.98 The cor. of secs. 17, 18, 19, and 20.
 Land rolling and mountainous.
 Soil of E. 50.00 chs. dry sandy loam about 8 ins. deep on dry clay and gravel subsoil. W. 30 chs. worthless clay and sand stone.
 Timber pine, oak, and cottonwood along Mortison Wash.
 Mountainous land 60.53 chs.

At the cor. of secs. 17, 18, 19, and 20 I set off 23^o 27' N. on the decl. arc, and at apparent noon June 23, 1915. observe the sun on the meridian and obtain a reading of 34^o 14' N. on the decl. arc.
 Thence,
 West, on a true line, bet. secs. 18 and 19.
 Ascend NE. slope of spur. 94 ft. over stony mountainous land, through oak and heavy pine timber.
 17.00 Top of spur bears N 30^o W. and S 30^o E. descend over SW.

32. Partial Subdivision of T 10 N., R 20 E.

Chains.	
31.40	slope 21 ft.
40.00	Dry ravine 10 lks. wide course S 20° E. ascend 211 ft.
	Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S 18 in N., and
	S 19., 1915. in S. half. from which
	A pine 16 ins. in diam. bears N 34 $\frac{1}{2}$ ° W. 78 lks. dist., marked $\frac{1}{4}$ S 18 BT. and
	A juniper 12 ins. in diam. bears S 41° E. 16 lks. dist., marked $\frac{1}{4}$ S 19 BT. From this cor.
	From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins under contract No. 40 bears N 4 $\frac{1}{2}$ ° W. 127 lks. dist., which I destroy and the marks on bearing trees to same.
78.18	Intersect W. bdy. of Tpe 82 lks. S. 0° 7' W. of old cor. of secs. 13, 18, 19
78.18	in & 24 later. reestab. by me as cor. of secs. 13 and 24 only as cor. described in book "A". At point of intersection,
	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 18 and 19., marked on brass cap
	CC. E. of center.
	T 10 N. in N., and
	1915 in S. and
	S 13., S 24., R 19 E. in W. half.
	S 18 in NE. and
	S 19. R 20 E. in SE. quadrant.
	from which
	A pine 10 ins. in diam. bears N 30 $\frac{1}{4}$ ° E. 40 lks. dist. marked T 10 N., R 20 E. S 18 BT.
	A pine 12 ins. in diam. bears S 50 $\frac{1}{2}$ ° E. 163 lks. dist., marked T 10 N., R 20 E. S 19 BT.
	Land mountainous, spurs steep rocky washed on slopes.
	Soil stony clay loam about 12 ins. deep on dry stony clay subsoil.
	Timber oak, juniper, and pine.
	June 23, 1915.
	h. m
	June 24, 1915. At 8 17 a.m. I set off 34° 14' N. on the lat. arc, 25° 26 $\frac{1}{2}$ ' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 17, 18, 19, and 20.
	Thence
	S 0° 02' E. on bet. secs. 19 and 20.
	Descend SE. slope 111 ft. over stony mountainous land, through heavy oak and pine timber.
22.35	Road from Pinedale to Cibicu Arizona bears E. and W.
29.10	Foot of descent in Water Canyon, cross wash 60 lks. wide 4 ft. deep course N 70° E. ascend. N. slope of spur 220 ft.
36.30	Old road bears N 70° E. and S 70° W.
40.00	Set an iron post 3 ft. long. 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S 19 in W.,
	S 20 in E. and 1915. in S. half. from which,
	A pine 24 ins. in diam. bears N 31 $\frac{3}{4}$ ° E. 40 lks. dist., marked T $\frac{1}{4}$ S 20 BT. and
	An oak 8 ins. in diam. bears S. 75 $\frac{1}{4}$ ° W. 67 lks. dist., marked $\frac{1}{4}$ S 19 BT. From this cor.
	From the unaccepted $\frac{1}{4}$ sec. cor. set. by Deputy Charles E. Perkins, under contract No. 40 bears N 12° 50' W. 241 lks. dist.
	I destroy all traces of this cor. and the marks on the bearing trees to same.
47.00	Top of spur bears N 30° E. and S 30° W. descend
53.00	Dry ravine 10 lks. wide course N 30° E. ascend NW. slope.
70.00	Top of spur bears N 40 $\frac{1}{2}$ ° E. and S 60° W. desc.
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

Chains.

brass cap.

T 10 N., R 20 E. in N. and
1915 in S half.
S 20 in NE.,
S 29 in SE.,
S 30 in SW., and
S 19 in NW. quadrant. from which

An oak 6 ins. in diam. bears N 18° E. 55 lks. dist.,
marked T 10 N., R 20 E. S 20 BT.

An oak 12 ins. in diam. bears S 63½° E. 20 lks. dist.,
marked T 10 N., R 20 E. S 29 BT.

A pine 8 ins. in diam. bears S 49½° W. 58 lks. dist.,
marked T 10 N., R 20 E. S 30 BT.

A pine 24 ins. in diam. bears N 67° W. 84 lks. dist.,
marked T 10 N., R 20 E. S 19 BT.

From this cor., unaccepted cor. of same secs, set 50 dist.
by Deputy Charles E. Perkins, under contract No. 40
bears N 7° E. 122 lks. dist. Another
unaccepted cor. of same secs. set by deputy Perkins
bears N 4° 15' W. 266 lks. dist.

I destroy all traces of these cors. and the marks on
the bearing trees to the same.

Land mountainous, spurs steep washed on slopes stony.
Soil poor dry sandy and stony clay loam about 12 ins. deep
on stony clay and gravel subsoil.
Timber oak, juniper, cedar and pine.

40.00 N 89° 56' E. on a random line bet. secs. 20 and 29.
Set temp. ¼ sec. cor.
80.20 Intersect the cor. of secs. 20, 21, 28 and 29. sec. 20, 21, 28, and 29.

Thence
S 89° 56' W. on a true line bet. secs. 20 and 29.
Descend SW. slope of spur over stony mountainous land
through heavy pine and oak timber.

28.25 Wood road bears N. and S.
28.50 Dry ravine 10 lks. wide course N 70° W.
29.45 Dry bed of branch of the Mortison Wash course N 20° W.
150 ft. below sec. cor. ascend steep E. slope of spur
170 ft.

40.10 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
ground for ¼ sec. cor., marked on brass cap
¼ S 20 in N., and
S 29.1915. in S. half. from which
A pine 14 ins. in diam. bears N 15° E. 82 lks. dist.,
marked ¼ S 20 BT. and
An oak 12 ins. in diam. bears S. 32½° W. 52 lks. dist.,
marked ¼ S 29 BT. From this cor.

From the unaccepted ¼ sec. cor. set. by Deputy Charles
E. Perkins, under contract No. 40 bears N 5½° W.
132 lks. dist.

I destroy all traces of the cor. and the marks on the
bearing trees to same.

53.32 Top of spur bears N. and S. descend W. slope 173 ft.
67.52 Dry ravine 10 lks. wide course south ascend E. slope 65 ft.
80.20 The cor. of secs. 19, 20, 29, and 30.

Land mountainous, spurs steep covered with loose stone.
Soil poor dry stony clay loam 8 ins. deep on dry stony
clay subsoil.
Timber oak, juniper and pine.

At the ¼ sec. cor. bet. secs. 20 and 29. I set off
23° 26' N. on the decl. arc, and at apparent noon
June 24, 1915. observe the sun on the meridian
the resulting lat. being 34° 13' N.

West on a true line bet. secs. 19 and 30.
Descend W. slope of spur 12 ft. over stony mountainous.

34 Partial Subdivision of T 10 N., R 20 E.	
Chains.	land, through heavy pine and juniper timber.
8.00	Dry ravine 5 lks. wide course south ascend E. slope 263 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 $\frac{1}{4}$ S 19 in N. and S 30 1915 in S. half, from which A pine 48 ins. in diam. bears N $36\frac{1}{2}^{\circ}$ W. 63 lks. dist., marked $\frac{1}{4}$ S 19 BT. and A pine 12 ins. in diam. bears S $12\frac{1}{2}^{\circ}$ W. 25 lks. dist., marked $\frac{1}{4}$ S 30 BT.. From this cor. An unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N. $12\frac{1}{2}^{\circ}$ W. 267 lks. dist. Another unaccepted $\frac{1}{4}$ sec. cor. brs. N. $58\frac{1}{4}^{\circ}$ E., 176 lks. dist. Destroy both of these cor. and marks on bearing trees to same.
78.38	Intersect W. bdy. of T. 72 lks. S. $0^{\circ} 30' E.$ of old cor. of secs. 19, 24, 25 and 30. later reestablished by me as cor. of secs. 19, 24, 25 and 30.
80.00	Intersect W. bdy. of T. 72 lks. S. $0^{\circ} 30' E.$ of old cor. of secs. 19, 24, 25 and 30. later reestablished by me as cor. of secs. 19, 24, 25 and 30. 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 CC E. of center. T 10 N. in N. 1915 in S., and S 24. S 25., R 19 E. in W. half. S 19 in NE. S 30. R 20 E. in SE. quadrant. from which. A pine 10 ins. in diam. bears N $8\frac{1}{4}^{\circ}$ E. 139 lks. dist. marked T 10 N., R 20 E. S 19 BT. and A pine 24 ins. in diam. bears S $35\frac{1}{4}^{\circ}$ E. 131 lks. dist., marked T 10 N., R 20 E. S 30 BT. Land mountainous slopes to the south. and southeast. Soil poor dry stony clay loam about 12 ins. deep on clay and stone subsoil. Timber pine oak, juniper, and scattering cedar. June 24, 1915.
	h m
	June 25, 1915. At 7 47^m a.m., l.m.t. I set off $34^{\circ} 13'$ N. on the lat. arc., $25^{\circ} 26'$ N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.
	Thence S $0^{\circ} 02'$ E. bet. secs. 29 and 30.
	Descend SE. slope 57 ft. over stony mountainous land, through heavy pine and oak timber.
10.70	Dry ravine 50 lks. wide banks 5 ft. high course east. ascend N. slope. 72 ft.
12.50	Wood road bears E. and W.
24.00	Top of spur bears N 30° E. descend over SE. slope.
29.00	Dry ravine 20 lks. wide 30 ft. below top of spur course N 10° E. ascend. 93 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 $\frac{1}{4}$ S 30 in W., S 29 in E. and 1915 in S. half. from which A pine 30 ins. in diam. bears N $70\frac{1}{4}^{\circ}$ E. 43 lks. dist., marked $\frac{1}{4}$ S 29 BT., and A pine 12 ins. in diam. bears N $70\frac{1}{4}^{\circ}$ W. 54 lks. dist., marked $\frac{1}{4}$ S 30 BT. From this cor. the $\frac{1}{4}$ sec. cor. set by Deputy Charles E. bears N $81\frac{1}{4}^{\circ}$ E. 174 lks. dist., I destroy all traces of the cor. and the marks on the bearing trees at same
47.00	Top of spur bears N 30° E. and S 30° W. descend SE. slope 109 ft.
60.10	Dry ravine 20 lks. wide course N 20° E. ascend .109 ft.

Chains.

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

T 10 N., R 20 E. in N., and
1915 in S. half.
S 30 in NW.
S 29 in NE.
S 32 in SE. and
S 31 in SW. quadrant. from which

A pine 22 ins. in diam. bears N 48° E. 91 lks. dist., marked T 10 N., R 20 E. S 29 BT.

A pine 8 ins. in diam. bears S 22½° E. 54 lks. dist., marked T 10 N., R 20 E. S 32 BT.

A pine 16 ins. in diam. bears S 29° W. 73 lks. dist., marked T 10 N., R 20 E. S 31 BT. and

A pine 16 ins. in diam. bears N 46½° W. 69 lks. dist., marked T 10 N., R 20 E. S 30 BT.

From this cor. unaccepted cor. of same secs. set by Deputy Charles E. Perkins bears N 13½° W. 185 lks. dist.,

I destroy all trace of this cor. and the marks on the bearing trees to same.

Land mountainous drains to the east and southeast.

Soil dry stony clay loam about 8 ins. deep on dry stony clay subsoil.

Timber oak and pine.

40.00 N 89° 56' E. on a random line bet. secs. 29 and 32. Set temp ¼ sec. cor.

80.26 Intersect N. and S. line 15 lks. N. of the cor. of secs. 28, 29, 32, and 33.

Thence

S 89° 58' W. on a true line bet. secs. 29 and 32.

Descend NW. slope 45 ft. over stony mountainous land, through dense brush undergrowth and heavy pine timber.

18.80 Dry ravine 40 lks. wide course north, ascend E. slope of spur 184 ft.

40.13 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap

¼ S 29 in N., and
S 32 1915 in S. half from which

A pine 12 ins. in diam. bears N 47° E. 48 lks. dist., marked ¼ S 29 BT. and

A pine 14 ins. in diam. bears S 40° W. 55 lks. dist., marked ¼ S 32 BT. From this cor., the

unaccepted ¼ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 15° W. 168 lks. dist.

I destroy all trace of this cor. and the marks on the bearing trees to same.

45.15 Top of spur bears north descend W. slope 23 ft.

62.95 Dry ravine 20 lks. wide course N 10° E. ascend 77 ft.

72.25 Top of spur bears N 30° W. descend.

80.26 The cor. of secs. 29, 30, 31, and 32.

Land mountainous.

Soil stony clay loam about 8 ins. deep on dry stony clay subsoil.

Timber pine and oak.

West on a true line bet. secs. 30 and 31.

Descend NW. slope 18 ft. over stony mountainous land. through heavy pine timber.

8.00 Dry ravine 15 lks. wide course N 10° W. ascend NE. slope of spur 166 ft.

36

Partial Subdivision of T 10 N., R 20 E.

Chains.

35.00 Top of spur bears N 20° E. and S 20° W. desc. NW. slope 59 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
 $\frac{1}{4}$ S 30 in N., and
 S 31., 1915 in S. half. from which
 A pine 20 ins. in diam. bears N 66° W. 95 lks. dist., marked $\frac{1}{4}$ S 30 BT. and
 A pine 20 ins. in diam. bears S 13° W. 85 lks. dist., marked $\frac{1}{4}$ S 31 BT. From this cor.
 From the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 13° 10' W. 170 lks. dist.
 I destroy all trace of this cor. and the marks on the bearing trees to same.

At above described $\frac{1}{4}$ sec. cor. set off 23° 25' N. on the decl. arc and at apparent noon June 25, 1915. observe the sun on the meridian the resulting latitude being 34° 12' N.

53.55 Dry ravine 10 lks. wide course N 20° E. Asc. SE. slope 203 ft.

78.46 Intersect W. bdy. of Tp. 70 lks. S 30° 27' W. of reestablish cor. of secs. 25, 30 and 36, T. 10 N., R. 19 E., described in book 'A'. At 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,

CC E. of center.

T 10 N. in N.,

1915 in S. and

S 25. S 36. R 19 E. in W. half.

S 30 in NE.

S 31. R 20 E. in SE. quadrant. from

which,

A pine 10 ins. in diam. bears N 63 $\frac{3}{4}$ ° E. 79 lks. dist., marked T 10 N., R 20 E. S 30 BT. and

A pine 14 ins. in diam. bears S 59 $\frac{1}{2}$ ° E. 22 lks. dist., marked T 10 N., R 20 E. S 31 BT.

I change the old cor. of secs. 25, 30, 31, and 36 on the west boundary of the Tp. from a cor. common to four to a corner common to two sections. For the boundary of the west.

Land mountainous.

Soil stony 3 rd. rate:

Timber oak and pine:

S 0° 02' E. bet. fractional secs. 31 and 32.

Ascend NW. slope of spur over stony mountainous land, through heavy pine timber.

15.00 Top of spur 10 ft. above cor. bears N. 20° E. and S. 40° W. descend over SW: slope 23 ft.

31.35 Dry ravine 20 lks. wide course N 70° E. ascend 40 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

$\frac{1}{4}$ S 31 in W.,

S 32 in E., and

1915 in S. half. from which

A pine 18 ins. in diam. bears N 84° E. 51 lks. dist., marked $\frac{1}{4}$ S 32 BT. and

A pine 10 ins. in diam. bears N 30 $\frac{1}{2}$ ° W. 26 lks. dist., marked $\frac{1}{4}$ S 31 BT. From this cor.

From unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40 bears N 17° 25' W. 186 lks. dist., Another

Another $\frac{1}{4}$ sec. cor. set by deputy Perkins bears east 125 lks, dist.

I destroy all traces of these corners and the marks on the bearing trees to each.

43.97 Intersect N. bdy. of Ft. Apache Indian Reservation, 10.16 chs. N. 79° 09' E. of Angle Point No. 595, a post 4 ins. sq. 15.22 chs. S. 79° 09' W. of Angle Point No. 594, a pine 18 ins. in diam., both angle points marked, and witnessed as described by the surveyor general. At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of frac. secs. 31 & 32, mkd. on brass cap, CC. N. of center.

T 10 N., R 20 E. in N., and
 F.A.I.R., 1915. in S. half.
 S 31 in NW. and S 32 in NE. section.

From this cor. the unaccepted closing cor. of fractional secs. 31 and 32 set by Deputy Charles E. Perkins, under contract No. 40 bears S 79° 02' W. 72 lks. dist.

I destroy all trace of this closing cor. and the marks on the bearing trees to same.

Land mountainous covered with loose boulders.

Soil stony clay loam about 8 ins. deep on dry stony clay subsoil.

Timber pine and oak.

June 25, 1915.

GENERAL DESCRIPTION.

This township is rough and mountainous in the western southern and eastern parts, rolling in the northern and northeastern part and nearly level in the central part along the Mortison wash and the soil ranges from decomposed sandstone to a sandy loam. The soil of the bottom land along the Mortison wash and of the level land in section 1 is a sandy loam producing good crops of various kinds without the aid of irrigation. The soil of the remaining portion of the township can nearly all be classified as second and third rate, is covered with a medium heavy growth of grass but is not suitable for agricultural purposes on account of its stony character.

The township is well timbered with pine oak juniper and cedar and scattering cottonwood along the Mortison wash much of the timber being suitable for lumbering purposes.

The township is watered by the Mortison wash which flows through the central part of the township in a northerly direction and by springs in Lon's canyon and Water canyon which flow into the Mortison wash from the west.

There are two settlers in sec 1, one each in secs. 5, 8, 16, and 19, four in sec. 4 and two in sec. 17.

V.

Boundaries of portion of Township 10 North, Range 20 East,
outside Fort Apache Indian Reservation.

Latitudes, departures, and closing errors.

Line designated.	Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
North bdy. of Ft. Apache Ind. Res.	Various	Various	113.56	213.42	6.40	484.75
	N. 0° 22' E.	16.52	16.52		.10	
	N. 0° 27' E.	40.18	40.18		.31	
	N. 0° 7' E.	40.20	40.20		.08	
West bdy.	N. 0° 3' W.	40.03	40.03			.03
	N. 0° 7' E.	80.20	80.20		.16	
	N. 0° 15' E.	39.90	39.90		.17	
	N. 0° 18' E.	40.16	40.16		.21	
	N. 0° 2' E.	40.24	40.24		.02	
	N. 0° 5' E.	39.68	39.68		.06	
	North,	39.62	39.62			
	N. 0° 5' W.	39.54	39.54			.06
North bdy.	S. 89° 46' E.	37.25		.15	37.25	
	S. 89° 50' E.	39.90		.12	39.90	
	S. 89° 58' E.	40.16		.02	40.16	
	S. 89° 55' E.	40.15		.06	40.15	
	S. 89° 52' E.	40.12		.09	40.12	
	S. 89° 38' E.	40.18		.26	40.18	
	S. 89° 49' E.	80.18		.25	80.18	
	S. 89° 39' E.	40.00		.24	40.00	
	S. 89° 10' E.	39.22		.57	39.22	
	S. 89° 37' E.	39.70		.26	39.70	
	S. 89° 40' E.	39.53		.23	39.53	
East bdy. (5th. Guide Mer. E)	S. 0° 15' W.	80.73		80.73		.35
	S. 0° 3' E.	40.16		40.16	.04	
	S. 0° 20' E.	40.33		40.33	.24	
	S. 0° 16' E.	40.34		40.34	.19	
	S. 0° 29' E.	40.26		40.26	.34	
	S. 0° 21' E.	40.46		40.46	.25	
	S. 0° 31' E.	40.52		40.52	.37	
	S. 0° 14' E.	31.75		31.75	.13	
Convergency					.36	
Totals,			569.83	570.22	485.82	485.19
				569.83	485.19	
Error in latitude,				0.39		
Error in departure,					0.63	

FOR LIST OF FIELD ASSISTANTS SEE BOOK "A"

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BOOK 40 2004

CERTIFICATE
For ~~FINAL OATH~~ OF UNITED STATES SURVEYOR.
See Book "D" of this Group.

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, Sept. 19____, 1917.

The foregoing field notes of the survey of part of the _____

Subdivision Lines of

TOWNSHIP 10 NORTH, RANGE 20 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by _____ Sidney E. Blout, U. S. Surveyor, under his special instructions dated _____ December 16, 1914, for Group 40____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Francis A. Smith
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.