

4-679
(April 1933)

BOOK 4172

Book A.

FIELD NOTES

4172

Resurvey of the Third Standard Parallel North, through Ranges 15, 14 and a portion of 13 East; South boundaries of Township 11 North, Ranges 13½, 14 and a portion of 15 East; and a portion of the North and West boundaries of the Fort Apache Indian Reservation;

Establishment of corners on the East boundaries of Townships 11 and 12 North, Range 15 East, and Township 10 North, Range 15½ East; and

Survey of the East and West boundaries of Townships 11 and 12 North, Range 14 East, South boundaries of Township 12 North, Ranges 13½, 14 and 15 East, and a portion of the South boundary of Township 11 North, Range 15 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Horace M. Muscott, Public Land Surveyor, and

Claude F. Warner, Transitman,

General Land Office,

Under special instructions dated June 20, 1934, which provided for the surveys included under Group No. 190, bearing the approval of the Commissioner of the General Land Office under date of July 6, 1934, and assignment instructions dated May 15 and June 4, 1937.

Survey commenced May 23, 1937.

Survey completed September 24, 1937.

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INDEX DIAGRAM.

Township _____, Range _____

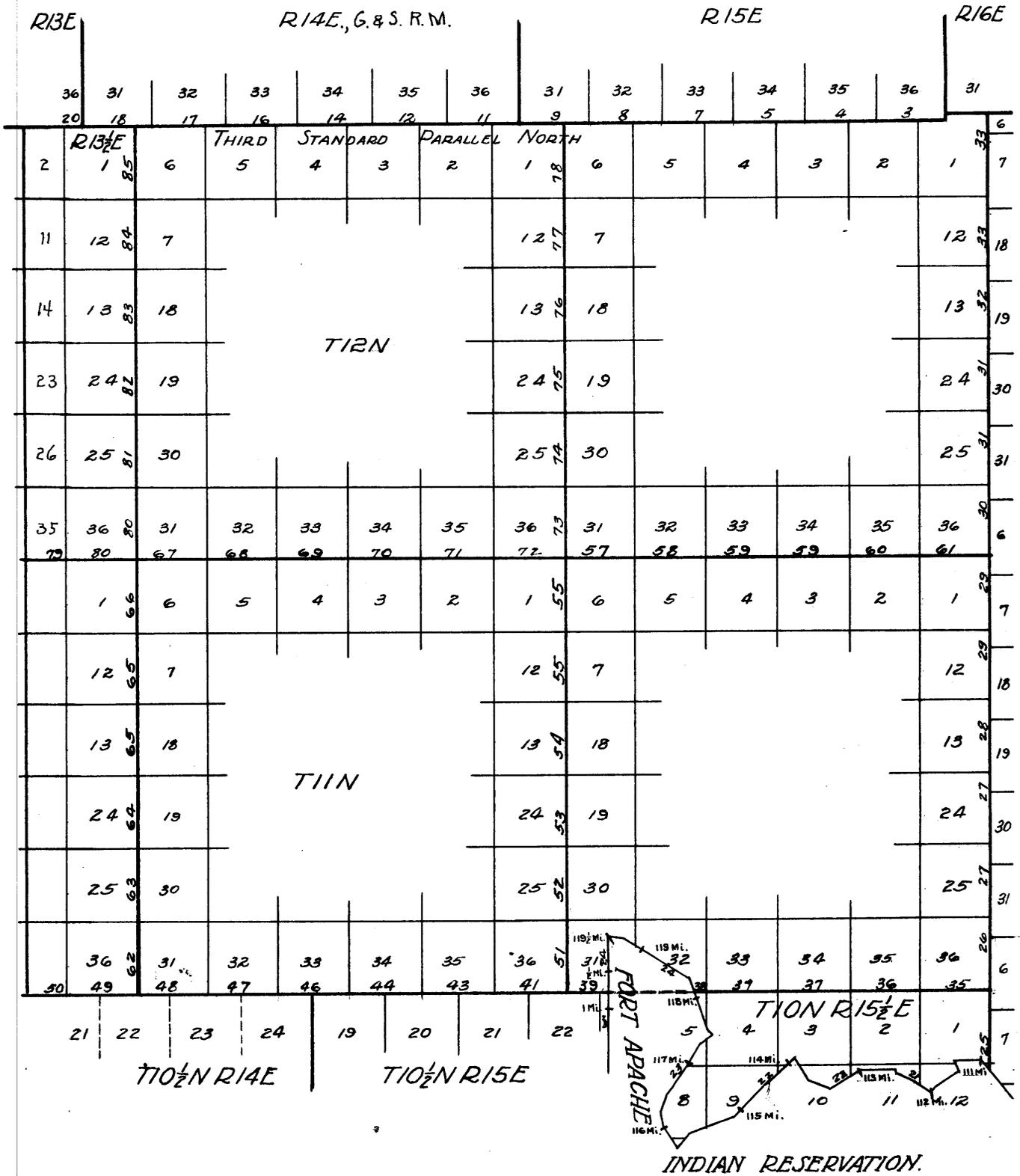
6	5	4	3	2	1
7	8	9	10	11	12
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BOOK 4172

INDEX DIAGRAM

BOOK 4172

T13N



Resurvey of the 3rd. Standard Parallel North
S. Bdy. of T.13 N., R.15 E.

BOOK 4172

Chains

This survey was executed with Buff light mountain transits Nos. 16723 of 1924 model, 9984 of 1915 model and 9305 of 1914 model; all three instruments are equipped with the improved Smith solar attachment and are the property of the General Land Office.

The instruments were placed in satisfactory adjustment prior to beginning the survey, tested and found free from appreciable error, and were approved by the District Cadastral Engineer on May 15, 1937, conditional upon satisfactory field tests.

The measurements were made with Lufkin steel tapes 5 chs. in length; each tape is graduated every link for the first 100 lks. and thereafter at intervals of 10 lks. The tapes were tested by comparison with a standard and found correct. The measurements were made on the slope, the vertical angle of each interval being determined by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of T.11 N., R.15 E. as follows: latitude $34^{\circ}17'N.$, and longitude $110^{\circ}41\frac{1}{2}'W.$

May 20, 1937, in camp in the NE. cor. of sec. 24, T.11 N., R.14 E., at 3h 51m p.m., l.m.t., or 4h 14m p.m., by my watch, which reads correct 105th meridian time as determined by comparison with Western Union time, I observe Polaris at western elongation, making three sights each with the telescope in direct and reversed positions, and place a nail at the mean point on a log 16 chs. N. of my station. I then lay off the azimuth of Polaris $1^{\circ}15'17''$ to the E. and mark a point in the meridian with another nail driven in the log, 16 chs. N.

In order to verify the latitude of the station, I make an observation on Polaris at lower culmination at 9h 46.6 m p.m., l.m.t., making three sights each with the telescope in direct and reversed positions. The reduced latitude is $34^{\circ}20'N.$

May 21: every 30 min. from 7 to 10.30 a.m. and from 1.30 to 5 p.m., app.t., with the proper readings set off on the arcs of the solar attachments, it is determined that the resulting orientation of the instruments, when compared with the meridian determined by observation on Polaris, has a maximum error of less than $1.30''$.

The meridional indications are checked at frequent intervals throughout the survey.

The observed magnetic declination is $15^{\circ}00'E.$

In 1893, Philip Contzen made an independent resurvey of the 3rd. Standard Parallel North, through Rs.14 and 15 E. No subsequent retracement or resurvey is of record. The following field notes describe a dependent resurvey of this line.

From the SE. cor. of T.13 N., R.15 E.,

S. $89^{\circ}43'W.$, on a random line on S. bdy. of sec. 36.

40.11 A point 14 lks. S. of the standard $\frac{1}{4}$ sec. cor.

80.20 A point 21 lks. S. of the standard cor. of secs. 35 and 36.

Thence from cor.

S. $89^{\circ}43'W.$, on a random line on S. bdy. of sec. 35.

40.12 A point 1 lk. S. of the standard $\frac{1}{4}$ sec. cor.

80.11 A point 5 lks. N. of the standard cor. of secs. 34 and 35.

BOOK 4172

Resurvey of the 3rd. Standard Parallel North
S. Bdy. of T.13 N., R.15 E.

Chains Thence from cor.,
S.89°43'W., on a random line on S. bdy. of sec. 34.
40.12 A point 1 lk. N. of the standard $\frac{1}{4}$ sec. cor.
80.20 A point 6 lks. N. of the standard cor. of secs. 33 and 34.
Thence from cor.
S.89°43'W., on a random line on S. bdy. of sec. 33.
39.80 A point 6 lks. N. of the standard $\frac{1}{4}$ sec. cor.
79.30 Intersect the standard cor. of secs. 32 and 33.
Thence from cor.,
S.89°43'W., on a random line on S. bdy. of sec. 32.
39.87 A point 6 lks. S. of the standard $\frac{1}{4}$ sec. cor.
79.91 A point 16 lks. S. of the standard cor. of secs. 31 and 32.
Thence from cor.
S.89°43'W., on a random line on S. bdy. of sec. 31.
40.05 A point 23 lks. S. of the standard $\frac{1}{4}$ sec. cor.
90.59 A point 27 lks. S. of the standard cor. of Ts.13 N., Rs.
14 and 15 E.

The standard cor. of T.13 N., R.15 E., (SE. cor.) is an iron post, 3 ins. diam., 8 ins. above ground, firmly set with brass cap mkd.

S C.	
T13N	T12N
R15E	R16E
S 36	
S 6	
1917	

I change the marks on this post to read:

S C	
T13N	T12N
R15E	R15E
S 36	
S 1	
1917	

from which

The original bearing trees:

A double juniper, 12 ins. diam., bears N.65 $\frac{1}{2}$ °E., 40 lks. dist., scribe marks visible.

A yellow pine, 30 ins. diam., bears S.13 $\frac{3}{4}$ °W., 79 lks. dist., mkd. T 12 N R 15 E S 1 B T

A double juniper, 6 ins. diam., bears N.30 $\frac{3}{4}$ °W., 50 lks. dist., scribe marks visible.

Unable to identify the other old bearing tree.

Thence

Resurvey of the 3rd. Standard Parallel North
S. Bdy. of T.13 N., R.15 E.

172

Chains S.89°55'W., on a true line on S. bdy. of sec. 36.
Over nearly level land, through dense juniper and pinyon.

17.26 Truck road, bears N. and S.

17.70 Smooth wire fence, bears N.30°W. and S.

30.00 Desc. gradual.SW. slope.

34.90 Smooth wire fence, bears irregularly S.; enter meadow.

38.60 Truck road, bears N.10°E. and S.10°W.

40.11 The standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a sandstone
18 x 12 x 4 ins. firmly set, and mkd. $\frac{1}{4}$ S C on top.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground to bedrock, with the old cor. stone deposited
alongside, and in a mound of stone to top, for standard
 $\frac{1}{4}$ sec. cor. with brass cap mkd.

S C
 $\frac{1}{4}$ S 36

1937

from which

The original bearing trees:

A pine, 8 ins. diam., bears S.35°E., 10 lks. dist.
marks nearly overgrown; I destroy marks.

A yellow pine, 8 ins. diam., bears N.27 $\frac{1}{2}$ °W., 34 lks.
dist., mkd. $\frac{1}{4}$ S 36 S C B T.

New bearing tree:

A yellow pine, 6 ins. diam., bears N.62 $\frac{1}{2}$ °E., 70 lks.
dist., mkd. $\frac{1}{4}$ S 36 S C B T

Thence

S.89°49'W., on a true line on S. bdy. of sec. 36.

2.00 Leave meadow and asc. 32 ft. over gradual E. slope.

3.60 Top of ascent, thence over nearly level land.

32.10 Desc. 46 ft. over NW. slope.

40.09 The standard cor. of secs. 35 and 36, which is a limestone
16 x 8 x 4 ins., firmly set in ground, and mkd. with 1
notch and S C on E. side and 5 notches on W. side.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
ground to bed rock, with the old cor. stone deposited
alongside, and in a mound of stone to top, for standard
cor. of secs. 35 and 36, with brass cap mkd.

S C
T13N | R15E
S 35 | S 36

1937

from which

Resurvey of the 3rd. Standard Parallel North
S. Bdy. of T.13 N., R.15 E.

Chains

The original bearing trees:

A pine, 18 ins. diam., bears N.59°E., 148 lks. dist.
marks overgrown.

A pine, 18 ins. diam., bears S.35°E., 72 lks. dist.
I destroy the marks.

A pine, 16 ins. diam., bears N.28°W., 107 lks. dist.
marks overgrown.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.51°E., 47 lks.
dist., mkd. T 13 N R 15 E S 36 S C B T

A yellow pine, 5 ins. diam., bears N.68 $\frac{1}{2}$ °W., 46 lks.
dist., mkd. T 13 N R 15 E S 35 S C B T

Land, gently rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, scattering 2nd. growth pine.

S.89°44'W., on a true line on S. bdy. of sec. 35.

Over gently rolling land, through dense timber.

22.74 Truck road, bears N.10°E. and S.10°W.

40.12 The standard $\frac{1}{4}$ sec. cor. of sec. 35, which is $\frac{1}{4}$ S C mkd.
on flat ledge; level with the surface of ground, and
about 6 x 8 ft. exposed. There is a small mound of stone
over the marks.

At point for cor., over the old marks;

Set an iron post, 3 ft. long, 1 in. diam., supported in a
mound of stone, for standard $\frac{1}{4}$ sec. cor. with brass cap
mkd.

S C
 $\frac{1}{4}$ S 35
1937

from which

The original bearing trees:

A pine, 18 ins. diam., bears S.35°E., 143 lks. dist.
marks overgrown; I deface the marks.

A yellow pine, 36 ins. diam., bears N.36°W., 62 lks.
dist., mkd. $\frac{1}{4}$ S 35 S C B T

New bearing tree:

A yellow pine, 10 ins. diam., bears N.25°E., 56 lks.
dist., mkd. $\frac{1}{4}$ S 35 S C B T

Thence

S.89°38'W., on a true line on S. bdy. of sec. 35.

8.40 Desc. gradual SW. slope, 70 ft. to

12.10 Enter flat meadow, bears N.30°W. and S.30°E.

12.60 Truck road, bears N.30°W. and S.30°E.

18.60 Leave meadow and asc. 34 ft. over NE. slope.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.

Chains

- 24.00 Low spur, slopes N.30°W.; desc. 24 ft. over NW. slope.
25.60 Foot of descent, thence over meadow, draining NE.
32.60 Leave meadow and asc. SE. slope.
37.60 Top of ascent.
39.99 The standard cor. of secs. 34 and 35, which is a limestone
24 x 12 x 8 ins., mkd. S C with 2 notches on E. and 4 not-
ches on W. edges.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock, with the old cor. stone deposited
alongside, and in a mound of stone to top, for standard
cor. of secs. 34 and 35, with brass cap mkd.

S C	
T13N	R15E
S 34	S 35

1917

from which

A pine, 24 ins. diam., bears N.72°E., 55 lks. dist.
marks overgrown.

A pine, 20 ins. diam., bears S.15½°W., 99 lks. dist.
marks overgrown; I deface same.

Foot of fallen pine, 12 ins. diam., bears N.72°W., 38
lks. dist.; some scribe marks visible.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.7°E., 137 lks. dist.
mkd. T 13 N R 15 E S 35 S C B T

A yellow pine, 8 ins. diam., bears N.49½°W., 152 lks.
dist., mkd. T 13 N R 15 E S 34 S C B T

Land, slightly rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine and juniper.
Undergrowth, scattering 2nd. growth pine.

S.89°42'W., on a true line on S. bdy. of sec. 34.

Over nearly level land.

- 38.83 Road, bears N. and SE.

- 40.12 The standard ¼ sec. cor. of secs 34, which is a sandstone
16 x 12 x 4 ins. firmly set in the ground and mkd. ¼ SC
on N. face.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to bed rock, with the old cor. stone deposited a-
longside, and in a mound of stone to top, for standard ¼
sec. cor. with brass cap mkd.

S C	
¼ S 34	
1937	

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.

Chains

from which

The original bearing trees:

A pine, 9 ins. diam., bears N.28½°E., 40 lks. dist. marks overgrown.

A pine, 9 ins. diam., bears S.18¼°W., 19 lks. dist. marks overgrown. I deface the old marks.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.21¼°E., 54 lks. dist., mkd. ¼ S 34 S C B T.

A yellow pine, 6 ins. diam., bears N.54°W., 52 lks. dist., mkd. ¼ S 34 S C B T.

Thence

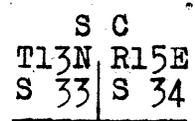
S.89°39'W., on a true line on S. bdy. of sec. 34.

28.61 Truck road, bears N.10°E. and S.10°W.

40.08 The standard corner of secs. 33 and 34, which is a limestone 20 x 14 x 10 ins. mkd. S C with 3 notches on E. and W. edges.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard cor. of secs. 33 and 34, with brass cap mkd.



1937

from which

The old bearing trees:

A pine, 18 ins. diam., bears N.51°E., 48 lks. dist. marks overgrown.

A pine, 24 ins. diam., bears S.32°W., 55 lks. dist. marks overgrown. I deface the marks.

A pine, 10 ins. diam., bears N.16°W., 82 lks. dist. marks overgrown.

New bearing trees:

A yellow pine, 20 ins. diam., bears N.50½°E., 50 lks. dist., mkd. T 13 N R 15 E S 34 S C B T

A yellow pine, 10 ins. diam., bears N.15°W., 82 lks. dist., mkd. T 13 N R 15 E S 33 S C B T

Land, gently rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak and juniper.
Undergrowth, scattering 2nd. growth pine.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.

Chains	S.89°38'W., on a true line on S. bdy. of sec. 33. Desc. 97 ft. over W. slope, through dense timber. 9.20 Wash, 5 lks. wide, course N.; asc. 88 ft. over E. slope. 19.40 Top of ascent. 27.00 Desc. 194 ft. over W. slope. 35.35 E. fork of Wildcat Canyon, 15 lks. wide, 3 ft. deep, course N.20°W.; asc. 162 ft. over E. slope. 36.13 Old road, bears N.20°W. and S.20°E. 39.80 The standard $\frac{1}{4}$ sec. cor. of sec. 33, which is a burned stump, 26 ins. diam., with mound of stone on NW. side. I dig out the old stump, and in its place, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd. $\begin{array}{c} S C \\ \frac{1}{4} S 33 \\ \hline 1937 \end{array}$ from which New bearing trees: A yellow pine, 6 ins. diam., bears N.2 $\frac{1}{2}$ °E., 77 lks. dist., mkd. $\frac{1}{4}$ S 33 S C B T A yellow pine, 6 ins. diam., bears N.36 $\frac{1}{2}$ °W., 72 lks. dist., mkd. $\frac{1}{4}$ S 33 S C B T Thence S.89°48'W., on a true line on S. bdy. of sec. 33. Continue ascent. 10.06 Narrow spur, trends NW.; desc. 164 ft. over SW. slope. 18.30 Foot of descent. 21.00 Desc. 70 ft. over NW. slope. 21.63 Old blazed trail, bears SE. and NW. 25.60 Wildcat Canyon, 150 lks. wide, 4 ft. deep, course N. Asc. 95 ft. over SE. slope. 29.50 Over top of spur, covered with limestone boulders. 32.60 Desc. 48 ft. over SW. slope. 39.50 The standard cor. of secs. 32 and 33, which is a cross (X) chiseled on limestone boulder in place, 3 x 2 x 1 ft. above ground, also mkd. S C with 4 notches on E. side and 2 notches on W. side. At point for cor., over cross, Set an iron post, 3 ft. long, 2 ins. diam. supported in a mound of stone, for standard cor. of secs. 32 and 33 with brass cap mkd.
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BOOK 4172

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.

Chains

S C
T13N | R15E
S 32 | S 33

1937

from which

The old bearing trees:

A pine, 18 ins. diam., bears N.71 $\frac{1}{2}$ °E., 244 lks. dist. marks overgrown.

A pine, 16 ins. diam., bears S.46 $\frac{1}{2}$ °E., 86 lks. dist. marks overgrown. I deface the old marks.

A pine, 8 ins. diam., bears N.71 $\frac{1}{2}$ °W., 44 lks. dist. marks overgrown.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.50 $\frac{1}{2}$ °E., 146 lks. dist., mkd. T 13 N R 15 E S 33 S C B T

A yellow pine, 24 ins. diam., bears N.72 $\frac{3}{4}$ °W., 42 lks. dist., mkd. T 13 N R 15 E S 32 S C B T

Land, rolling and choppy.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, some oak, laurel and 2nd. growth pine.

S.89°48'W., on a true line on S. bdy. of sec. 32.

Asc. slightly.

- 6.40 Asc. 187 ft. over NE. slope.
- 26.10 Over top of spur, which trends NE.
- 30.00 Desc. 70 ft. over NW. slope.
- 39.70 Drain, course S.20°W.; asc. SE. slope.
- 39.87 The standard $\frac{1}{4}$ sec. cor. of sec. 32, which is a yellow pine, 15 ins. diam., mkd. $\frac{1}{4}$ S S C on N. side, with mound of stone N. of tree.

I mark bearing trees as follows:

A yellow pine, 6 ins. diam., bears N.32°E., 51 lks. dist., mkd. $\frac{1}{4}$ S 32 S C B T

A yellow pine, 24 ins. diam., bears N.41 $\frac{3}{4}$ °W., 124 lks. dist., mkd. $\frac{1}{4}$ S 32 S C B T

Thence

S.89°52'W., on a true line on S. bdy. of sec. 32.

Asc. SE. slope.

- 7.85 Low narrow spur, slopes SE.; desc. 40 ft. over SW. slope.
- 11.40 Drain, course S.20°E.; asc. 80 ft. over SE. slope.
- 22.25 Spur, slopes NE.; over top of same.
- 26.25 Desc. SW. slope.
- 38.25 Drain, course SE.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.Chains
40.04

The standard cor. of secs. 31 and 32, which is a sandstone 16 x 12 x 8 ins., firmly set in the ground, mkd. S C with 5 notches on E. and 1 notch on W. edges.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the old cor. stone deposited alongside, for standard cor. of secs. 31 and 32, with brass cap mkd.

S C
T13N R15E
S 31 S 32

1937

from which

A pine, 20 ins. diam., bears N.18½°E., 75 lks. dist. marks overgrown.

A pine, 24 ins. diam., bears S.3½°E., 105 lks. dist. marks overgrown. I deface the old marks.

A pine, 24 ins. diam., bears N.71°W., 56 lks. dist. marks overgrown.

New bearing trees:

A yellow pine, 26 ins. diam., bears N.72½°E., 60 lks. dist., mkd. T 13 N R 15 E S 32 S C B T

A yellow pine, 36 ins. diam., bears N.21°W., 77 lks. dist., mkd. T 13 N R 15 E S 31 S C B T

Land, rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, scattering oak and 2nd. growth pine.

N.89°57'W., on a true line on S. bdy. of sec. 31.

Asc. 58 ft. over NE. slope.

6.50 Top of ascent; thence over nearly level land.

40.05 The standard ¼ sec. cor. of sec. 31, which is a sandstone 16 x 14 x 6 ins., firmly set in the ground, and mkd. ¼ SC on N. face.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old cor. stone deposited alongside, for standard ¼ sec. cor. with brass cap mkd.

S C
¼ S 31

1937

ffom which

The old bearing trees:

A pine, 12 ins. diam., bears N.62°W., 62 lks. dist. marks overgrown.

A pine, 10 ins. diam., bears S.46°E., 69 lks. dist. marks overgrown. I deface the old marks.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.15 E.

Chains

New bearing trees:

A double juniper, 18 ins. diam., bears N. $81\frac{1}{2}^{\circ}$ E., 149
lks. dist., mkd. $\frac{1}{4}$ S 31 S C B T

A juniper, 6 ins. diam., bears N. $53\frac{3}{4}^{\circ}$ W., 107 lks. dist.
mkd. $\frac{1}{4}$ S 31 S C B T

Thence

S. $89^{\circ}46'$ W., on a true line on S. bdy. of sec. 31.

Continue over nearly level land.

- 6.00 Road, bears SW. and N., 1 ch. thence NE.
15.00 Desc. 50 ft. over gradual NW. slope.
27.65 Drain, course NW.; asc. 56 ft. over gentle SE. slope.
40.00 Top of ascent; thence over level land.
50.54 The standard cor. of Ts. 13 N., Rs. 14 and 15 E., which is a
sandstone 16 x 8 x 4 ins., firmly set in the ground and
mkd. S C with 6 notches on N., E. and W. edges.

At point for cor.,

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the
ground, with the old cor. stone deposited alongside, and
in a mound of stone to top, for standard cor. of Ts. 13 N.,
Rs. 14 and 15, E., with brass cap mkd.

S C	
T13N	
R14E	R15E
S 36	S 31

1937

from which

The old bearing trees:

A yellow pine, 6 ins. diam., bears N. $47\frac{1}{2}^{\circ}$ E., 44 lks.
dist., marks overgrown.

A yellow pine, 6 ins. diam., bears S. $74\frac{1}{2}^{\circ}$ E., 60 lks.
dist., marks overgrown. I deface the marks.

A dead pine, 18 ins. diam., bears N. $88\frac{3}{4}^{\circ}$ W., 79 lks.
dist., marks overgrown.

The SW. tree is gone.

New bearing trees:

A yellow pine, 6 ins. diam., bears N. $31\frac{1}{2}^{\circ}$ E., 109 lks.
dist., mkd. T 13 N R 15 E S 31 S C B T

An oak, 6 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ W., 185 lks. dist.
mkd. T 13 N R 14 E S 36 S C B T

Land, gently rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, locust, oak and 2nd. growth pine.

Resurvey of the 3rd. Standard Parallel North
S. Bdy. of T.13 N., R.14 E.

Chains	From the standard cor. of Ts.13 N., Rs.14 and 15 E., S.89°48'W., on a random line on S. bdy. of sec. 36.
39.96	A point 38 lks. S. of the standard $\frac{1}{4}$ sec. cor.
79.88	A point 21 lks. S. of the standard cor. of secs. 35 and 36. Thence from cor., S.89°48'W., on a random line on S. bdy. of sec. 35.
39.83	A point 29 lks. S. of the standard $\frac{1}{4}$ sec. cor.
79.15	A point 70 lks. S. of the standard cor. of secs. 34 and 35. Thence from cor., S.89°48'W., on a random line on S. bdy. of sec. 34.
40.41	A point 26 lks. S. of the standard $\frac{1}{4}$ sec. cor.
80.22	A point 61 lks. S. of the standard cor. of secs. 33 and 34. Thence from cor., S.89°48'W., on a random line on S. bdy. of sec. 33.
40.01	A point 17 lks. S. of the standard $\frac{1}{4}$ sec. cor.
79.66	A point 29 lks. S. of the standard cor. of secs. 32 and 33. Thence from cor., S.89°48'W., on a random line on S. bdy. of sec. 32.
39.99	A point 15 lks. S. of the standard $\frac{1}{4}$ sec. cor.
80.12	A point 74 lks. S. of the standard cor. of secs. 31 and 32. Thence from cor., S.89°48'W., on a random line on S. bdy. of sec. 31.
39.83	A point 36 lks. N. of the standard $\frac{1}{4}$ sec. cor.
85.24	A point 26 lks. N. of the standard cor. of Ts.13 N., Rs. 13 and 14 E.
	----- From the cor. of Ts.13 N., Rs.14 and 15 E., hereinbefore described, N.89°39'W., on a true line on S. bdy. of sec. 36. Over gently rolling land.
5.00	Desc. 115 ft. over gradual W. slope.
16.85	Wash, 5 lks. wide, 1 ft. deep, course N.; asc. gradual NE. slope.
22.40	Top of ascent.
34.90	Desc. 50 ft. over NW. slope to

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains
39.96

The standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a limestone 18 x 10 x 4 ins., firmly set 12 ins. in the ground, and mkd. $\frac{1}{4}$ S C on N. face.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd.

S C
 $\frac{1}{4}$ S.36

1937

from which

The old bearing trees:

A pine, 20 ins. diam., bears S.60°E., 26 lks. dist. marks overgrown. I deface the old marks.

A yellow pine, 14 ins. diam., bears N.69°W., 60 lks. dist., marks overgrown. I remark this tree $\frac{1}{4}$ S 36 SCBT

New bearing tree:

An oak, 6 ins. diam., bears N.12°E., 65 lks. dist. mkd. $\frac{1}{4}$ S.36 S C B T

Thence

S.89°33'W., on a true line on S. bdy. of sec. 36.

Desc. 78 ft. over NW. slope.

2.65 Small wash, course N.10°E.; asc. 40 ft. over NE. slope.

4.65 Top of ascent.

9.15 Drain, course NE.; asc. 58 ft. over SE. slope.

17.15 Top of ascent. Thence over level land.

22.55 Dim road, bears N. and S.

38.00 Desc. NW. slope.

39.92 The standard cor. of secs. 35 and 36, which is a limestone, 21 x 12 x 10 ins. firmly set in the ground, and mkd. S C with 1 notch on E. and 5 notches on W. faces.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard cor. of secs. 35 and 36, with brass cap mkd.

S C
T13N R14E
S 35 | S 36

1937

from which

The old bearing trees:

An oak, 12 ins. diam., bears N.19°E., 67 lks. dist. marks overgrown.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T. 13. N., R. 14 E.

Chains

A pine, 18 ins. diam., bears S. 36° E., 82 lks. dist. marks overgrown. I deface the marks.

A pine, 16 ins. diam., bears N. 12° W., 47 lks. dist. marks overgrown.

New bearing trees:

A juniper, 10 ins. diam., bears N. 49° E., 77 lks. dist. mkd. T 13 N R 14 E S 36 S C B T

A juniper, 10 ins. diam., bears N. 27° W., 56 lks. dist. mkd. T 13 N R 14 E S 35 S C B T

Land, rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, oak and scattering 2nd. growth pine.

N. 89° 47' W., on a true line on S. bdy. of sec. 35.

Desc. 200 ft. over NW. slope.

- 8.23 Wash, 15 lks. wide, course N.; asc.
10.00 Low spur, slopes N.; desc.
12.20 Ravine, course N.; asc. 150 ft. over E. slope.
18.60 Narrow spur, slopes N.; desc. NW. slope.
22.30 Drain, course N.; asc. 100 ft. over SE. slope.
30.00 Spur, slopes N. 10° W.; desc. 300 ft. over steep NW. slope.
37.50 Ravine, 10 lks. wide, course N. 20° W.; asc.
39.20 Spur, slopes N.
39.83 The standard $\frac{1}{4}$ sec. cor. of sec. 35, which is a limestone, 12 x 10 x 8 ins., firmly set in the ground, mkd. $\frac{1}{4}$ S C on N. face and witnessed by a mound of stone S. of cor.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd.

S C
 $\frac{1}{4}$ S 35

1937

from which

A yellow pine, 8 ins. diam., bears N. 72 $\frac{1}{2}$ ° E., 71 lks. dist., mkd. $\frac{1}{4}$ S 35 S C B T

A yellow pine, 30 ins. diam., bears N. 34 $\frac{1}{4}$ ° W., 62 lks. dist., mkd. $\frac{1}{4}$ S 35 S C B T

Thence

N. 89° 37' W., on a true line on S. bdy. of sec. 35.

Desc. 300 ft. over W. slope.

- 10.30 Chevalon Canyon, course N.; blazed trail, bears N. and S.
10.50 Creek, 15 lks. wide, 6 ins. deep, course N.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains							
16.15	Creek, 3 lks. wide, 6 ins. deep, course N.10°E.						
19.40	Leave canyon and asc. 640 ft. over E. slope.						
36.70	Top of ascent.						
39.32	The standard cor. of secs. 34 and 35, which is a limestone 15 x 10 x 8 ins., firmly set 10 ins. in the ground, and mkd. S C with 2 notches on E. and 4 notches on W. edges.						
	At point for cor.,						
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard cor. of secs. 34 and 35, with brass cap mkd.						
	<table border="1"> <tbody> <tr> <td colspan="2">S C</td> </tr> <tr> <td>T13N</td> <td>R14E</td> </tr> <tr> <td>S 34</td> <td>S 35</td> </tr> </tbody> </table>	S C		T13N	R14E	S 34	S 35
S C							
T13N	R14E						
S 34	S 35						
	1937						
	from which						
	The old bearing trees:						
	An oak, 15 ins. diam., bears N.15½°E., 74 lks. dist. mkd. T 13 N R 14 E S 35 S C B T						
	An oak, 10 ins. diam., bears S.25°W., 27 lks. dist. I deface old marks by cutting out overgrowth.						
	An oak, 16 ins. diam., bears N.12°W., 79 lks. dist. marks overgrown.						
	New bearing tree:						
	A juniper, 6 ins. diam., bears N.14½°W., 31 lks. dist. mkd. T 13 N R 14 E S 34 S C B T						
	From this cor., N.66½°W., 185 lks. dist. to a limestone 24 x 8 x 6 ins. mkd. with 4 notches on E. and 2 notches on W. edges, witnessed as follows:						
	A yellow pine, 18 ins. diam., bears S.85°E., 60 lks.						
	An oak, 6 ins. diam., bears S.70°W., 30 lks.						
	An oak, 6 ins. diam., bears N.65°W.;						
	Scribe marks on all trees visible but illegible.						
	I destroy this old cor. and marks on bearing trees.						
	Land, rolling and mountainous.						
	Soil, rocky clay, 3rd. rate.						
	Timber, yellow pine, oak and aspen.						
	Undergrowth, oak and 2nd. growth pine.						
	N.89°50'W., on a true line on S. bdy. of sec. 34.						
	Over level land:						
4.08	Trail, bears N. and S.						
12.00	Desc. 90 ft. over SW. slope.						
22.00	Wash, 20 lks. wide, 3 ft. deep, course NW.; asc. 92 ft. over SE. slope.						
29.00	Top of ascent.						
35.50	Asc. 57 ft. over broken NE. slope to						

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13.N., R.14 E.

Chains
40.41

The standard $\frac{1}{4}$ sec. cor. of sec. 34, which is a sandstone 14 x 8 x 6 ins., firmly set in the ground and mkd. $\frac{1}{4}$ S C on S. face.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the old cor. stone deposited alongside, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd.

S C
 $\frac{1}{4}$ S 34

1937

from which

The old bearing trees:

An oak, 6 ins. diam., bears N.43 $\frac{1}{2}$ °E., 22 lks. dist.
mkd. $\frac{1}{4}$ S 34 S C B T

A pine, 16 ins. diam., bears S.81°W., 11 lks. dist.
I deface old marks by cutting out overgrowth.

New bearing tree:

A yellow pine, 6 ins. diam., bears N.35°W., 37 lks. dist.,
mkd. $\frac{1}{4}$ S 34 S C B T

Thence

N.89°42'W., on a true line on S. bdy. of sec. 34.

Continue ascent 45 ft. over NE. slope.

3.70 Top of ascent.

6.25 Desc. 230 ft. over W. slope.

17.50 Enter canyon, course N.20°E.

18.77 Blazed trail, bears N.20°E. and S.20°W.

20.50 Channel, 20 lks. wide, 3 ft. deep, course N.20°E.; asc. 235 ft. over SE. slope to

39.81 The standard cor. of secs. 33 and 34, which is a sandstone 18 x 10 x 6 ins. firmly set in the ground, and mkd. S C with 3 notches on E. and W. faces.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with the old cor. stone deposited alongside, for standard cor. of secs. 33 and 34, with brass cap mkd.

S C
T13N R14E
S 33 | S 34

1937

from which

The old bearing trees:

A pine, 20 ins. diam., bears N.62°E., 40 lks. dist.
marks overgrown.

A pine, 24 ins. diam., bears S.31°E., 86 lks. dist.
I deface the old marks by cutting out overgrowth.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains	<p>A pine, 14 ins. diam., bears N.52°W., 32 lks. dist. marks overgrown.</p> <p>New bearing trees:</p> <p>A yellow pine, 6 ins. diam., bears N.24°E., 59 lks. dist. mkd. T 13 N R 14 E S 34 S C B T</p> <p>A yellow pine, 10 ins. diam., bears N.31½°W., 26 lks. dist., mkd. T 13 N R 14 E S 33 S C B T</p> <p>Land, broken. Soil, rocky clay, 3rd. rate. Timber, yellow pine, oak and aspen. Undergrowth, scattering 2nd. growth pine and oak.</p> <hr/> <p>N.89°57'W., on a true line on S. bdy. of sec. 33.</p> <p>Asc. 40. ft. over E. slope.</p> <p>5.00 Top of ascent.</p> <p>14.65 Desc. 110 ft. over W. slope.</p> <p>25.35 Draw, 10 lks. wide, course: N.; asc. 60 ft. over E. slope.</p> <p>33.00 Top of ascent.</p> <p>36.00 Desc. 50 ft. over W. slope to</p> <p>40.01 The standard ¼ sec. cor. of sec. 33, which is a sandstone 18. x 12 x 6 ins. firmly set in the ground and mkd. ¼ S C on N. face.</p> <p>At point for cor.,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard ¼ sec. cor. with brass cap mkd.</p> <div style="text-align: center;"> <p>S C ¼ S 33 ----- 1937.</p> </div> <p style="text-align: right;">from which</p> <p>The old bearing trees:</p> <p>A pine, 10 ins. diam., bears N.70°W., 11 lks. dist. marks overgrown.</p> <p>A pine, 10 ins. diam., bears S.49°E., 36 lks. dist. I deface the old marks by cutting out overgrowth.</p> <p>New bearing trees:</p> <p>A yellow pine, 6 ins. diam., bears N.60°E., 7 lks. dist., mkd. ¼ S 33 S C B T</p> <p>An oak, 6 ins. diam., bears N.12¼°W., 16 lks. dist. mkd. ¼ S 33 S C B T</p> <p>Thence</p> <p>S.89°58'W., on a true line on S. bdy. of sec. 33.</p> <p>Ravine, course N.; asc. 204 ft. over E. slope.</p> <p>18.00 Top of ascent.</p>
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Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.Chains
36.00

Desc. W. slope.

39.65

The standard cor. of secs. 32 and 33, which is a sandstone, 12 x 8 x 3 ins. firmly set in the ground, mkd. S C with 4 notches on E. and 2 notches on W. faces.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the old cor. stone deposited alongside, and in a mound of stone to top, for standard cor. of secs. 32 and 33, with brass cap mkd.

S C	
T13N	R14E
S 32	S 33

1937

from which

The old bearing trees:

A pine, 12 ins. diam., bears N.72°E., 21 lks. dist. marks overgrown.

A pine, 20 ins. diam., bears S.35°W., 30 lks. dist. marks overgrown, deface same.

A pine, 10 ins. diam., bears N.10½°W., 61 lks. dist. marks overgrown.

New bearing trees:

A yellow pine, 8 ins. diam., bears N.16½°E., 89 lks. dist., mkd. T 13 N R 14 E S 33 S C B T

A yellow pine, 6 ins. diam., bears N.82°W., 85 lks. dist., mkd. T 13 N R 14 E S 32 S C B T

Land, broken.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak, aspen and juniper.

Undergrowth, pine and oak.

N.89°59'W., on a true line on S. bdy. of sec. 32.

Desc. W. slope.

6.20

Draw, 10 lks. wide, course NE.; asc. SE. slope.

12.00

Top of ascent. Thence over slightly rolling land.

39.99

The standard ¼ sec. cor. of sec. 32, which is a sandstone 18 x 12 x 6 ins. firmly set in the ground, mkd. ¼ S C on N. face.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old cor. stone deposited alongside, for standard ¼ sec. cor. with brass cap mkd.

S C	
¼ S 32	

1937

from which

The old bearing trees:

BOOK 4172

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains

A pine, 20 ins. diam., bears N.35°E., 93 lks. dist.
marks overgrown.A pine, 18 ins. diam., bears N.37½°W., 70 lks. dist.
marks overgrown.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.41½°E., 19 lks.
dist., mkd. ¼ S 32 S C B TA juniper, 6 ins. diam., bears N.18°W., 51 lks. dist.
mkd. ¼ S 32 S C B T

Thence

N.89°21'W., on a true line on S. bdy. of sec. 32.

Continue over slightly rolling land.

.80 Road, bears N. and S.

40.13 The standard cor. of secs. 31 and 32, which is a sand-
stone 18 x 12 x 6 ins. firmly set in the ground, mkd. S C
with 5 notches on E. and 1 notch on W. faces.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground, with the old cor. stone deposited alongside, and
in a mound of stone to top, for standard cor. of secs.
31 and 32, with brass cap mkd.

S C	
T13N	R14E
S 31	S 32

1937

from which

The old bearing trees:

A pine, 20 ins. diam., bears N.63°E., 75 lks. dist.
marks overgrown.A pine, 14 ins. diam., bears S.52°W., 66 lks. dist.
marks overgrown, 1 deface same.A pine, 24 ins. diam., bears N.61°W., 62 lks. dist.
marks overgrown.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.15°E., 25 lks.
dist., mkd. T 13 N R 14 E S 32 S C B TA yellow pine, 6 ins. diam., bears N.12½°W., 32 lks.
dist., mkd. T 13 N R 14 E S 31 S C B T

Land, rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak, juniper and aspen.

Undergrowth, pine and oak.

S.89°17'W., on a true line on the S. bdy. of sec. 31.

Desc. 260 ft. over gentle W. slope.

30.40 Wash, 15 lks. wide, 2½ ft. deep, course N.; asc. 123 ft.
over E. slope.

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains
39.40 Narrow spur, slopes N.

39.83 The standard $\frac{1}{4}$ sec. cor. of sec. 31, which is a limestone 14 x 8 x 6 ins. firmly set in the ground and mkd. S C $\frac{1}{4}$ on N. face.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old cor. stone deposited alongside, for standard $\frac{1}{4}$ sec. cor. with brass cap mkd.

S C
$\frac{1}{4}$ S 31
1937

from which

The old bearing trees:

A pine, 16 ins. diam., bears N.26°W., 135 lks. dist. marks overgrown.

A pine, 26 ins. diam., bears S.45°E., 76 lks. dist. I destroy old marks by cutting through overgrowth.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.9 $\frac{1}{2}$ °E., 38 lks. dist., mkd. $\frac{1}{4}$ S 31 S C B T

A yellow pine, 6 ins. diam., bears N.28 $\frac{1}{2}$ °W., 18 lks. dist., mkd. $\frac{1}{4}$ S 31 S C B T

Thence

S.89°56'W., on a true line on S. bdy. of sec. 31.

Desc. 150 ft. over W. slope.

9.55 Wash, 20 lks. wide, 2 ft. deep, in bottom of Alder Canyon course NE.; asc. 173 ft. over E. slope.

21.60 Top of ascent.

30.20 Asc. 54 ft. over SE. slope.

36.60 Top of ascent.

38.85 Truck road, bears N.10°E. and S.10°W.

45.41 The point for standard cor. of Ts.13 N., Rs.13 and 14 E., determined from the hole in the ground, caused by the cor. tree having fallen over. The old cor. tree still lying on the ground, is a pine 18 ins. diam., with old blazes and scribe marks visible, and corresponds to the description as given by the U.S. Forest Service in 1914. I make further search for the cor. as described by Contzen in his resurvey of 1893, but without success.

At point for cor.,

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for standard cor. of Ts.13 N., Rs.13 and 14 E., with brass cap mkd.

S C
T13N
R13E R14E
S 36 S 31
1937

Resurvey of the 3rd. Standard Parallel North,
S. Bdy. of T.13 N., R.14 E.

Chains

from which

The old bearing trees:

A pine, 12 ins. diam., bears N.62°E., 163 lks. dist.
marks overgrown.

A pine, 24 ins. diam., bears S.2°E., 24 lks. dist.
I deface old marks.

A pine, 14 ins. diam., bears S.33½°W., 32 lks. dist.
I deface old marks.

A pine, 16 ins. diam., bears N.6°W., 17 lks. dist.
marks overgrown.

New bearing trees:

A yellow pine, 6 ins. diam., bears N.52½°E., 65 lks.
dist., mkd. T 13 N R 14 E S 31 S C B T

A yellow pine, 6 ins. diam., bears N.23½°W., 25 lks.
dist., mkd. T 13 N R 13 E S 36 S C B T

Land, slightly rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, oak and scattering 2nd. growth pine.

Resurvey of the 3rd. Standard Parallel North,
A Portion of the S. Bdy. of T.13 N.,
R.13 E.

The following field notes describe a dependent resurvey
of the Independent resurvey executed by Deputy Surveyor
D. Drummond in 1893.

From the standard ¼ sec. cor. of sec. 36, T.13 N., R.13 E.,
East, on a random line on the S. bdy. of sec. 36.

40.35 A point 13 lks. S. of the standard cor. of Ts. 13 N., Rs.
13 and 14 E., hereinbefore described.

Thence

S.89°49'W., on a true line on S. bdy. of sec. 36.

Over slightly rolling land, through yellow pine timber.

34.00 Desc. 58 ft. over W. slope.

40.35 The standard ¼ sec. cor. of sec. 36, which is a limestone
14 x 10 x 6 ins. above ground, firmly set, mkd. and wit-
nessed as described in the official record.

Land, slightly rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, some oak and juniper.

Undergrowth, scattering 2nd. growth pine and oak.

Resurvey of a Portion of the North Boundary of
Fort Apache Indian Reservation.

BOOK 4172

Chains	<p>The North boundary of the Fort Apache Indian Reservation (formerly the White Mountain Indian Reservation) was resurveyed by J.B. Wright, Deputy Surveyor in 1906. As some of the fractional sections in T.10 N., R.15$\frac{1}{2}$ E. and T.11 N. R.15 E., the closing lines of which are described in the field notes of the survey of those townships, would not close within the allowable limit of closure, it became necessary to again resurvey a few courses along the reservation boundary. The following field notes describe this resurvey.</p> <p style="text-align: center;">-----</p>
	<p>The 112 mile cor. on the N. bdy. of the Fort Apache Indian Reservation, is a granite stone 12 x 8 x 6 ins. above ground, mkd. NBWMIR112M on S. face and witnessed as described in the official record.</p>
	<p>Thence N.58°15'W., along reservation boundary.</p>
39.41	<p>Angle point No. 906, which is a sandstone 18 x 8 x 6 ins. in stone mound, mkd. and witnessed as described in the official record.</p>
	<p>Thence North,</p>
2.43	<p>The 112$\frac{1}{2}$ mile cor., which is a sandstone 24 x 18 x 18 ins. above ground, mkd. and witnessed as described in the official record.</p>
	<p>Thence S.82°30'W.</p>
41.15	<p>Angle point No. 908, which is a pine tree, 30 ins. diam., mkd. and witnessed as described in the official record.</p>
	<p>Thence S.55°45'W.</p>
1.32	<p>The 113 mile cor., which is a sandstone 14 x 12 x 6 ins. above ground, mkd. and witnessed as described in the official record.</p>
	<p>Thence S.61°30'W.</p>
32.44	<p>Angle point No. 910, which is a sandstone 18 x 12 x 8 ins. in mound of stone, mkd. and witnessed as described in the official record.</p>
	<p>Thence N.55°30'W.</p>
10.65	<p>The 113$\frac{1}{2}$ mile cor., which is a sandstone 18 x 18 x 18 ins. above ground, mkd. and witnessed as described in the official record.</p>
	<p>Thence N.56°30'W.</p>
39.12	<p>Angle point No. 911, which is a pine tree, 24 ins. diam., mkd. and witnessed as described in the official record.</p>

Resurvey of a Portion of the North Boundary of
Fort Apache Indian Reservation.

Chains	Thence
	S. 51° 51' W.
4.70	The 114 mile cor., which is a sandstone 24 x 20 x 12 ins. in mound of stone, mkd. and witnessed as described in the official record.
	Thence
	S. 52° 00' W.
42.75	The 114 $\frac{1}{2}$ mile cor., which is a limestone in place, 24 x 24 x 18 ins. above ground, mkd. and witnessed as described in the official record.

	Angle point No. 914 is a pine tree, 30 ins. diam., mkd. and witnessed as described in the official record.
	Thence
	S. 67° 30' W.
41.56	The 115 $\frac{1}{2}$ mile cor., which is a sandstone 18 x 10 x 4 ins. above ground, marked and witnessed as described in the official record.

	Thence S. 62° 06' W.
14.74	Angle point No. 915, ^{which} is a dead pine, mkd. and witnessed as described in the official record.
	Thence
	S. 48° 08' W.
5.37	Angle point No. 916, which is a juniper tree, 30 ins. diam., mkd. and witnessed as described in the official record.

	Angle point No 917, is a fallen pine about three fourths decayed, but scribe marks still visible.
	In order to better perpetuate this cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point No. 917, with brass cap mkd.
	FAIR / AP 917
	1937
	from which
	A pine, 5 ins. diam., bears S. 17 $\frac{1}{2}$ ° W., 44 lks. dist. mkd. A P 917 F A I R B T
	A pine, 6 ins. diam., bears N. 39 $\frac{1}{2}$ ° W., 27 lks. dist. mkd. A P 917 F A I R B T

	Angle point No. 919 is a pine tree, 14 ins. diam., mkd. as described in the official record.
	Thence

Resurvey of a Portion of the North Boundary of
Fort Apache Indian Reservation.

Chains	N.5°46'W.
28.00	The 116½ mile cor., which is a sandstone 12 x 6 x 4 ins. above ground, mkd. and witnessed as described in the official record.

	Angle point No. 924 is a pine tree, 18 ins. diam., mkd. and witnessed as described in the official record.
	Thence
	N.17°45'E.
2.97	The 117 mile cor., which is a granite stone 12 x 12 x 5 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	Thence
	N.13°32'E.
13.54	Angle point No.925, which is a pine tree 14 ins. diam., mkd. as described in the official record.
	Thence
	N.38°10'E.
18.25	Angle point No.926, which is a pine tree, 18 ins. diam., mkd. and witnessed as described in the official record.
	Thence
	N.58°16'E.,
8.10	Angle point No.927, which is a pine tree, fallen and badly decayed, but scribe marks still visible.
	At point for cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, and in a mound of stone to top, for angle point 927, with brass cap mkd.
	
	Thence
	N.28°30'W.
2.26	The 117½ mile cor., which is a sandstone 12 x 12 x 4 ins. above ground, mkd. and witnessed as described in the official record.
	Thence
	N.19°46'W.
39.60	Angle point No.928, which is a sandstone 12 x 12 x 6 ins. above ground, mkd. and witnessed as described in the official record.

	The 119 mile cor. is a sandstone in place, 36 x 24 x 18 ins. above ground, mkd. and witnessed as described in the

Resurvey of a Portion of the North Boundary of Fort Apache Indian Reservation.

Chains

official record.

Thence

N.63°00'W.

27.20 Angle point No.932, which is a pine tree, 10 ins. diam., mkd. as described in the official record.

Resurvey of a Portion of the West Boundary of Fort Apache Indian Reservation.

This line was originally surveyed by John C. Smith, Deputy Surveyor, in 1890.

The NW. cor. of the Fort Apache Indian Reservation is a sandstone 18 x 14 x 4 ins. above ground, mkd. and witnessed as described in the official record.

Thence

South, on W. bdy. of the reservation.

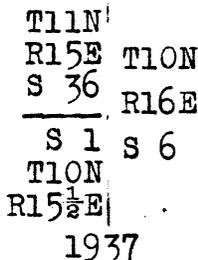
38.51 The 1/2 mile cor. on the 1st. mile of the Fort Apache Indian Reservation, which is a sandstone 18 x 14 x 4 ins. above ground, mkd. and witnessed as described in the official record.

Establishment of corners on the East Boundary of T.10 N.,R.15 1/2 E.

This line was surveyed in 1935, under Group 191, by Charles E. Hunter, Transitman, General Land Office. At that time, corners were set for sections in R.16 E., only.

At a point on the W. bdy. of T.10 N.,R.16 E., due East of the NE. cor. of T.10 1/2 N.,R.15 E.,

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of T.10 N.,R.15 1/2 E. and T.11 N.,R.15 E., with brass cap mkd.



from which

A yellow pine, 14 ins. diam., bears S.51°W., 33 lks. dist., mkd. T 10 N R 15 1/2 E S 1 B T

A yellow pine, 12 ins. diam., bears N.49°W., 80 lks. dist., mkd. T 11 N R 15 E S 36 B T

Thence

South, on E. bdy. of sec. 1.

21.13 The cor. of secs. 6 and 7, T.10 N.,R.16 E., which is an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.

Establishment of corners on the East Boundary of T.10 N., R.15 1/2 E.

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 1 only, with brass cap mkd.

1/4
S 1

1937

from which

A pine, 8 ins. diam., bears S. 63 3/4° W., 39 lks. dist. mkd. 1/4 S 1 B T

A pine, 6 ins. diam., bears N. 43 1/2° W., 34 lks. dist. mkd. 1/4 S 1 B T

61.13

The 1/4 sec. cor. of sec. 7, of R.16 E.; an iron post, 1 in. diam., mkd. and witnessed as described in the official record.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap mkd.

T10N | T10N
R15 1/2 E | R16E
S 1

S 12 | S 7

1937

from which

A pine, 6 ins. diam., bears S. 50 1/2° W., 13 lks. dist. mkd. T 10 N R 15 1/2 E S 12 B T

A pine, 14 ins. diam., bears N. 66° W., 54 lks. dist. mkd. T 10 N R 15 1/2 E S 1 B T

South, on E. bdy. of sec. 12.

1.29

The closing cor. of T.10 N., R.16 E., which is an iron post, 3 ins. diam., 8 ins. above ground, with brass cap mkd.

C C
T10N
R16E
S 7

FAIR
1935

As this cor. now refers to T.10 N., R.15 1/2 E. also, I alter marks on brass cap to read

C C
T10N | T10N
R15 1/2 E | R16E
S 12 | S 7

F A I R
1937
1935

from which

The old bearing trees:

A pine, 8 ins. diam., bears N. 54 1/4° E., 127 lks. dist. mkd. T 10 N R 16 E S 7 C C B T

A pine, 10 ins. diam., bears S. 79 1/4° E., 84 lks. dist. mkd. T 10 N R 16 E S 7 C C B T

New bearing tree:

An oak, 14 ins. diam., bears N. 44 3/4° W., 118 lks. dist. mkd. T 10 N R 15 1/2 E S 12 C C B T

Establishment of corners on the East Boundary
of T.11 N., R.15 E.

Chains	From the cor. of T.10 N., R.15 $\frac{1}{2}$ E. and T.11 N., R.15 E., hereinbefore described, North, on the E. bdy. of sec. 36.
18.87	The $\frac{1}{4}$ sec. cor. of sec. 6, T.10 N., R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap mkd. $\begin{array}{r} \frac{1}{4} \\ \hline S\ 36 \\ \hline 1937 \end{array}$ from which A yellow pine, 12 ins. diam., bears S.20°W., 110 lks. dist., mkd. $\frac{1}{4}$ S 36 B T A yellow pine, 10 ins. diam., bears N.59 $\frac{3}{4}$ °W., 101 lks. dist., mkd. $\frac{1}{4}$ S 36 B T
58.87	The cor. of Ts.10 and 11 N., R.16 E.; an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25 and 36 only, with brass cap mkd. $\begin{array}{r} T11N\ T11N \\ S\ 25\ S\ 31 \\ \hline S\ 36\ R16E \\ R15E \\ \hline 1937 \end{array}$ from which A yellow pine, 12 ins. diam., bears S.19 $\frac{1}{4}$ °W., 51 lks. dist., mkd. T 11 N R 15 E S 36 B T A yellow pine, 5 ins. diam., bears N.23 $\frac{1}{4}$ °W., 150 lks. dist., mkd. T 11 N R 15 E S 25 B T

	North, on the E. bdy. bdy. of sec. 25.
18.87	The $\frac{1}{4}$ sec. cor. of sec. 31, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25 only, with brass cap mkd. $\begin{array}{r} \frac{1}{4} \\ \hline S\ 25 \\ \hline 1937 \end{array}$ from which A spruce, 6 ins. diam., bears S.74 $\frac{1}{2}$ °W., 34 lks. dist. mkd. $\frac{1}{4}$ S 25 B T A yellow pine, 12 ins. diam., bears N.31°W., 30 lks. dist., mkd. $\frac{1}{4}$ S 25 B T
58.87	The cor. of secs. 30 and 31, R.16 E.; an iron post, 2 ins. diam.; set, mkd. and witnessed as described in the official

Establishment of corners on the East Boundary
of T.11 N., R.15 E.

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Chains record.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 24 and 25, with brass cap mkd.

T11N	T11N
S 24	S 30
S 25	R16E
R15E	
1937	

from which

A yellow pine, 8 ins. diam., bears S.74°W., 92 lks. dist., mkd. T 11 N R 15 E S 25 B T

A yellow pine, 8 ins. diam., bears N.60 $\frac{3}{4}$ °W., 83 lks. dist., mkd. T 11 N R 15 E S 24 B T

North, on E. bdy. of sec. 24.

18.87 The $\frac{1}{4}$ sec. cor. of sec. 30, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 24 only, with brass cap mkd.

$\frac{1}{4}$	
S 24	
1937	

from which

An oak, 8 ins. diam., bears S.17 $\frac{1}{4}$ °W., 31 lks. dist. mkd. $\frac{1}{4}$ S 24 B TAn oak, 5 ins. diam., bears N.41°W., 28 lks. dist. mkd. $\frac{1}{4}$ S 24 B T

58.87 The cor. of secs. 19 and 30, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24, with brass cap mkd.

T11N	T11N
S 13	S 18
S 24	R16E
R15E	
1937	

from which

An oak, 10 ins. diam., bears S.80°W., 64 lks. dist. mkd. T 11 N R 15 E S 24 B T

An oak, 10 ins. diam., bears N.54 $\frac{3}{4}$ °W., 69 lks. dist. mkd. T 11 N R 15 E S 13 B T

North, on E. bdy. of sec. 13.

18.87 The $\frac{1}{4}$ sec. cor. of sec. 19 of R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official

Establishment of corners on the East Boundary of T.11 N., R.15 E.

Chains

record.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap mkd.

$\frac{1}{4}$
S 13

1937

from which

An oak, 14 ins. diam., bears S. $69\frac{3}{4}^\circ$ W., 104 lks. dist. mkd. $\frac{1}{4}$ S 13 B T

An oak, 10 ins. diam., bears N. $78\frac{1}{2}^\circ$ W., 69 lks. dist. mkd. $\frac{1}{4}$ S 13 B T

58.87

The cor. of secs. 18 and 19 of R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12 and 13 only, with brass cap mkd.

T11N
S 12
S 13
R15E

1937

from which

An oak, 8 ins. diam., bears S. $84\frac{1}{2}^\circ$ W., 126 lks. dist. mkd. T 11 N R 15 E S 13 B T

An oak, 20 ins. diam., bears N. $12\frac{1}{2}^\circ$ W., 116 lks. dist. mkd. T 11 N R 15 E S 12 B T

North, on the E. bdy. of sec. 12.

18.87

The $\frac{1}{4}$ sec. cor. of sec. 18, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12 only, with brass cap mkd.

$\frac{1}{4}$
S 12

1937

from which

An oak, 6 ins. diam., bears S. $78\frac{1}{2}^\circ$ W., 128 lks. dist. mkd. $\frac{1}{4}$ S 12 B T

An oak, 10 ins. diam., bears N. $30\frac{1}{2}^\circ$ W., 56 lks. dist. mkd. $\frac{1}{4}$ S 12 B T

58.87

The cor. of secs. 7 and 18, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap mkd.

Establishment of corners on the East Boundary
of T.11 N., R.15 E.

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Chains

T11N	T11N
S 1	
S 12	S 7
R15E	R16E

1937

from which

An oak, 16 ins. diam., bears S.21 $\frac{1}{2}$ °W., 45 lks. dist.
mkd. T 11 N R 15 E S 12 B T

An oak, 8 ins. diam., bears N.68°W., 140 lks. dist.
mkd. T 11 N R 15 E S 1 B T

North, on the E. bdy. of sec. 1.

18.87 The $\frac{1}{4}$ sec. cor. of sec. 7, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap mkd.

$\frac{1}{4}$
S 1

1937

from which

A yellow pine, 18 ins. diam., bears S.48°W., 71 lks. dist., mkd. $\frac{1}{4}$ S 1 B T

A yellow pine, 30 ins. diam., bears N.61°W., 56 lks. dist., mkd. $\frac{1}{4}$ S 1 B T

58.87 The cor. of secs. 6 and 7, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts.11 and 12 N., R.15 E., with brass cap mkd.

T12N	T11N
R15E	R16E
S 36	S 6
S 1	
T11N	

1937

from which

A yellow pine, 18 ins. diam., bears S.48°W., 71 lks. dist., mkd. T 11 N R 15 E S 1 B T

A yellow pine, 30 ins. diam., bears N.61°W., 56 lks. dist., mkd. T 12 N R 15 E S 36 B T

Establishment of corners on the East Boundary
of T.12 N., R.15 E.

North, on E. bdy. of sec. 36.

18.87 The $\frac{1}{4}$ sec. cor. of sec. 6, T.11 N., R.16 E.; an iron post 1 in. diam., set, mkd. and witnessed as described in the official record.

Establishment of corners on the East Boundary of T.12 N., R.15 E.

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap mkd.

$\frac{1}{4}$
S 36

1937

from which

A yellow pine, 16 ins. diam., bears S.40°W., 62 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

A yellow pine, 10 ins. diam., bears N.34°W. 16 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

58.87 The cor. of lots 4 and 5, sec. 6, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

63.95 The cor. of Ts. 11 and 12 N., R.16 E.; an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25 and 36, with brass cap mkd.

T12N | T12N
R15E | R16E
S 25 |
S 36 | S 31

1937

from which

A yellow pine, 14 ins. diam., bears S.77°W., 120 lks. dist., mkd. T 12 N R 15 E S 36 B T

A yellow pine, 14 ins. diam., bears N.60 $\frac{3}{4}$ °W., 99 lks. dist., mkd. T 12 N R 15 E S 25 B T

North, on E. bdy. of sec. 25.

23.95 The $\frac{1}{4}$ sec. cor. of sec. 31, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 25 only, with brass cap mkd.

$\frac{1}{4}$
S 25

1937

from which

An oak, 6 ins. diam., bears S.47°W., 30 lks. dist. mkd. $\frac{1}{4}$ S 25 B T

A yellow pine, 6 ins. diam., bears N.36°W., 58 lks. dist., mkd. $\frac{1}{4}$ S 25 B T

63.95 The cor. of secs. 30 and 31, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the

Establishment of corners on the East Boundary
of T.12 N., R.15 E.

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Chains ground to bedrock, and in a mound of stone to top, for cor. of secs. 24 and 25, with brass cap mkd.

T12N	T12N
R15E	R16E
S 24	S 30
S 25	

1937

from which

A yellow pine, 7 ins. diam., bears S. $58\frac{1}{2}^{\circ}$ W., 23 lks. dist., mkd. T 12 N R 15 E S 25 B T

A yellow pine, 6 ins. diam., bears N. $36\frac{3}{4}^{\circ}$ W., 111 lks. dist., mkd. T 12 N R 15 E S 24 B T

North, on E. bdy. of sec. 24.

23.95 The $\frac{1}{4}$ sec. cor. of sec. 30, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	
---------------	--

S 24	
------	--

1937

from which

A yellow pine, 28 ins. diam., bears S. 18° W., 74 lks. dist., mkd. $\frac{1}{4}$ S 24 B T

A yellow pine, 6 ins. diam., bears N. 80° W., 29 lks. dist., mkd. $\frac{1}{4}$ S 24 B T

63.95 The cor. of secs. 19 and 30, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24 only, with brass cap mkd.

T12N	T12N
R15E	R16E
S 13	S 19
S 24	

1937

from which

A juniper, 8 ins. diam., bears S. $62\frac{1}{4}^{\circ}$ W., 104 lks. dist. mkd. T 12 N R 15 E S 24 B T

A juniper, 26 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ W., 73 lks. dist. mkd. T 12 N R 15 E S 13 B T

North, on E. bdy. of sec. 13.

23.95 The $\frac{1}{4}$ sec. cor. of sec. 19, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Establishment of corners on the East Boundary
of T.12 N., R.15 E.

Chains 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S 13 1937</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 24 ins. diam., bears S.43°W., 80 lks. dist., mkd. $\frac{1}{4}$ S 13 B T</p> <p>A yellow pine, 18 ins. diam., bears N.15°W., 19 lks. dist., mkd. $\frac{1}{4}$ S 13 B T</p>
63.95	<p>The cor. of secs. 18 and 19, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 12 and 13 only, with brass cap mkd.</p> <p style="text-align: center;">T12N R15E S 12 <u>S 13</u> 1937</p> <p style="text-align: center;">T12N R16E S 18</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 36 ins. diam., bears S.47°W., 347 lks. dist., mkd. T 12 N R 15 E S 13 B T</p> <p>A yellow pine, 6 ins. diam., bears N.37$\frac{1}{2}$°W., 227 lks. dist., mkd. T 12 N R 15 E S 12 B T</p>

	<p>North, on E. bdy. of sec. 12.</p>
23.95	<p>The $\frac{1}{4}$ sec. cor. of sec. 18, R.16 E.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S 12 1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 30 ins. diam., bears S.53$\frac{1}{4}$°W., 135 lks. dist. mkd. $\frac{1}{4}$ S 12 B T</p> <p>A yellow pine, 6 ins. diam., bears N.31°W., 50 lks. dist., mkd. $\frac{1}{4}$ S 12 B T</p>
63.95	<p>The cor. of secs. 7 and 18, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12, with brass cap mkd.</p>

Establishment of corners on the East Boundary of T.12 N., R.15 E.

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Chains

T12N	T12N
R15E	
S 1	R16E
<hr/>	
S 12	S 7
1937	

from which

A juniper, 10 ins. diam., bears S.5°W., 55 lks. dist. mkd. T 12 N R 15 E S 12 B T

A juniper, 18 ins. diam., bears N.27½°W., 43 lks. dist. mkd. T 12 N R 15 E S 1 B T

North, on E. bdy. of sec. 1.

23.95 The ¼ sec. cor. of sec. 7, R.16 E.; an iron post, 1 in. diam.; set, mkd. and witnessed as described in the official record.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 1 only, with brass cap mkd.

¼
S 1

1937

from which

A juniper, 20 ins. diam., bears S.44½°W., 15 lks. dist. mkd. ¼ S 1 B T

A juniper, 36 ins. diam., bears N.62½°W., 153 lks. dist. mkd. ¼ S 1 B T

63.95 The cor. of lots 4 and 5, sec. 7, R.16 E.; an iron post, 1 in. diam.; set, mkd. and witnessed as described in the official record.

71.65 The cor. of secs. 6 and 7, R.16 E.; an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of lots 1 and 8, with brass cap mkd.

1
S 1 — 8

1937

103.71 The closing cor. of Ts.12 N., Rs.15 and 16 E., which is an iron post, 3 ins. diam., with brass cap mkd.

10 ins. above ground.

T13N	R16E
S 31	

S 6
R16E
T12N

C C

1936

I add marks on brass cap, which now reads

Establishment of corners on the East Boundary
of T.12 N., R.15 E.

Chains

T13N R16E
S 31

S 1	S 6
R15E	R16E
T12N	T12N
C C	
1937	
1936	

from which

The original bearing trees:

A juniper, 5 ins. diam., bears S.63 $\frac{1}{2}$ °E., 102 lks. dist.
mkd. T 12 N R 16 E S 6 C C B T

A juniper, 36 ins. diam., bears S.10 $\frac{1}{2}$ °E., 165 lks. dist.
mkd. T 12 N R 16 E S 6 C C B T

New bearing tree:

A yellow pine, 8 ins. diam., bears S.13 $\frac{1}{2}$ °W., 108 lks.
dist., mkd. T 12 N R 15 E S 1 C C B T

Retracement of the South Boundary of Ts. 11 N., Rs.
13 $\frac{1}{2}$, 14 and 15 E., from Boundary Post No. 1 to
Boundary Post No. 10.

This line was surveyed by W.H. Thorn, in 1903 as a Forest
Reserve Boundary and Township Line.

From Boundary post No. 1, on the W. bdy. of Fort Apache
Indian Reservation,

West, on a random line.

- 14.58 Intersect Boundary Post No. 2.
 - 54.65 Intersect the old $\frac{1}{4}$ sec. cor.
 - 94.79 A point 7 lks. S. of Boundary Post No. 3.
 - 134.80 A point 7 lks. S. of old $\frac{1}{4}$ sec. cor.
 - 173.64 A point 6 lks. N. of Boundary Post No. 4.
 - 213.77 A point 1 lk. S. of old $\frac{1}{4}$ sec. cor.
 - 253.97 A point 10 lks. S. of Boundary Post No. 5.
 - 294.08 A point 28 lks. S. of old $\frac{1}{4}$ sec. cor.
 - 334.20 A point 28 lks. S. of Boundary Post No. 6.
- Continue West on a random line, the ties to old monuments
hereinafter given in notes of the true lines.
- 654.43 A point 47 lks. S. of Boundary Post No. 10.

Survey of a Portion of the S. Bdy., T.11 N., R.15 E.

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Chains	From the cor. of T.10 N., R.15 $\frac{1}{2}$ E. and T.11 N., R.15 E., hereinbefore described, West, on S. bdy. of sec. 36. Desc. 108 ft. through heavy timber.										
14.50	Wash, 10 lks. wide, 3 ft. deep, course S.10°E.; asc. 116 ft. over steep SE. slope.										
21.80	Spur, slopes S.10°W.; desc. 150 ft. over NW. slope.										
34.50	Wash, 10 lks. wide, course S.45°W.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.										
	$\frac{1}{4}$ S 36 ----- S 1 1937										
	from which										
	A yellow pine, 16 ins. diam., bears N.8°E., 21 lks. dist., mkd. $\frac{1}{4}$ S 36 B T										
	An oak, 6 ins. diam., bears S.53°E., 47 lks. dist. mkd. $\frac{1}{4}$ S 1 B T										
	Desc. SW. slope.										
41.65	Small drain, course S.; asc. 124 ft. over SE. slope.										
48.90	Spur, slopes W.; over top of same Road, bears NE. and SW.										
50.20	Desc. 95 ft. over W. slope.										
53.60	Foot of descent.										
58.00	Desc. 230 ft. over W. and SW. slopes.										
71.74	Wash, 15 lks. wide, 3 ft. deep, course S.; asc. 150 ft. over E. and NE. slopes.										
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and supported in a mound of stone, for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.										
	<table border="1"> <tr> <td>T11N</td> <td>R15E</td> </tr> <tr> <td>S 35</td> <td>S 36</td> </tr> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td>T10N</td> <td>R15$\frac{1}{2}$E</td> </tr> <tr> <td colspan="2" style="text-align: center;">1937</td> </tr> </table>	T11N	R15E	S 35	S 36	S 2	S 1	T10N	R15 $\frac{1}{2}$ E	1937	
T11N	R15E										
S 35	S 36										
S 2	S 1										
T10N	R15 $\frac{1}{2}$ E										
1937											
	from which										
	An oak, 6 ins. diam., bears N.49°E., 56 lks. dist. mkd. T 11 N R 15 E S 36 B T										
	An oak, 7 ins. diam., bears S.77 $\frac{1}{2}$ °E., 7 lks. dist. mkd. T 10 N R 15 $\frac{1}{2}$ E S 1 B T										
	A yellow pine, 20 ins. diam., bears S.19°W., 51 lks. dist., mkd. T 10 N R 15 $\frac{1}{2}$ E S 2 B T										
	A yellow pine, 8 ins. diam., bears N.46 $\frac{1}{2}$ °W., 53 lks. dist., mkd. T 11 N R 15 E S 35 B T										
	Land, sharply rolling; Soil, rocky clay, 3rd. rate. Timber, yellow pine, spruce, fir and oak. Undergrowth; 2nd. growth pine and locust.										

Survey of a Portion of the S. Bdy., T.11 N., R.15 E.

Chains	West, on the S. bdy. of sec. 35.
	Asc. NE. slope through heavy timber.
2.00	Low spur, slopes SW.; desc. 166 ft. over W. slope.
13.00	Foot of descent.
17.00	Wash, 40 lks. wide, 3 ft. deep, course S.30°E.
18.00	Asc. 255 ft. over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 35 ----- S 2 1937
	from which
	A spruce, 6 ins. diam., bears N.17°E., 16 lks. dist. mkd. $\frac{1}{4}$ S 35 B T
	A fir, 5 ins. diam., bears S.53°E., 6 lks. dist. mkd. $\frac{1}{4}$ S 2 B T
	Continue ascent 104 ft. to
46.00	Top of ascent.
54.00	Desc. 130 ft. over SW. slope.
63.00	Wash, course S.20°W.; asc. 150 ft. over SE. slope.
72.00	Top of ascent.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd.
	T11N R15E S 34 S 35 ----- S 3 S 2 T10N R15 $\frac{1}{2}$ E 1937
	from which
	An oak, 6 ins. diam., bears N.56°E., 154 lks. dist. mkd. T 11 N R.15 E S 35 B T
	A yellow pine, 10 ins. diam., bears S.39°E., 175 lks. dist., mkd. T 10 N R 15 $\frac{1}{2}$ E S 2 B T
	A yellow pine, 8 ins. diam., bears S.24 $\frac{1}{2}$ °W., 93 lks. dist., mkd. T 10 N R 15 $\frac{1}{2}$ E S 3 B T
	An oak, 10 ins. diam., bears N.45°W., 241 lks. dist. mkd. T 11 N R 15 E S 34 B T
	Land, sharply rolling. Soil, rocky clay, 3rd. rate. Timber, yellow pine, spruce, fir and oak. Undergrowth, 2nd. growth pine and locust.
	West, on S. bdy. of sec. 34.
	Over level land, through heavy timber.
14.40	Truck trail, bears NE. to Gentry Tower and SW. to Twin Lakes.

Survey of a Portion of the S., Bdy., T. 11 N., R. 15 E.

BOOK 4172

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 34

S 3
1937

from which

An oak, 8 ins. diam., bears N. $82\frac{1}{2}^{\circ}$ E., 6 lks. dist. mkd. $\frac{1}{4}$ S 34 B T

An oak, 6 ins. diam., bears S. 59° W., 27 lks. dist. mkd. $\frac{1}{4}$ S 3 B T

50.00 Desc. 95 ft. over gradual W. slope.

61.00 Desc. 370 ft. over steep W. slope.

71.00 Wash, 40 lks. wide, 3 ft. deep, course S.; asc. 270 ft. over steep E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T11N R15E
S 33 | S 34

S 4 | S 3
T10N R15 $\frac{1}{2}$ E
1937

from which

A spruce, 10 ins. diam., bears N. $44\frac{1}{4}^{\circ}$ E., 67 lks. dist. mkd. T 11 N R 15 E S 34 B T

An oak, 6 ins. diam., bears S. $35\frac{1}{2}^{\circ}$ E., 67 lks. dist. mkd. T 10 N R 15 $\frac{1}{2}$ E S 3 B T

An oak, 6 ins. diam., bears S. 68° W., 103 lks. dist. mkd. T 10 N R 15 $\frac{1}{2}$ E S 4 B T

A yellow pine, 24 ins. diam., bears N. 75° W., 50 lks. dist., mkd. T 11 N R 15 E S 33 B T

Land, level and rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak, spruce and fir.
Undergrowth, 2nd. growth pine and locust.

West, on S. bdy. of sec. 33.

Asc. 200 ft. over steep E. slope, through heavy timber.

11.00 Top of ascent.

11.80 Forest Service telephone line, bears NE. and SW.

12.10 Road, bears NE. and SW.

24.00 Desc. 150 ft. over W. slope.

35.40 Wash, course SW.; asc. 84 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 33

S 4
1937

from which

Survey of a Portion of the S. Bdy. of T.11 N., R.15 E.

Chains

A yellow pine, 10 ins. diam., bears N.41½°W., 42 lks. dist., mkd. ¼ S 33 B T

A yellow pine, 14 ins. diam., bears S.60°W., 43 lks. dist., mkd. ¼ S 4 B T

Asc. gradually.

45.00 Top of ascent.

48.00 Desc. 110 ft. over gradual SW. slope.

60.00 Desc. 140 ft. over steep SW. slope.

64.60 Wash, 10 lks. wide, course S. 1 ch., thence SW.; asc. 210 ft. over steep SE. slope.

73.22 Old road, bears NE. and SW.

76.00 Top of ascent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.

T11N	R15E
S 32	S 33
<hr/>	
S 5	S 4
T10N	R15½E
1937	

from which

An oak, 6 ins. diam., bears N.39°E., 164 lks. dist. mkd. T 11 N R 15 E S 33 B T

An oak, 6 ins. diam., bears S.22°E., 165 lks. dist. mkd. T 10 N R 15½ E S 4 B T

An oak, 14 ins. diam., bears S.58½°W., 98 lks. dist. mkd. T 10 N R 15½ E S 5 B T

An oak, 6 ins. diam., bears N.57½°W., 92 lks. dist. mkd. T 11 N R 15 E S 32 B T

Land, sharply rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak, spruce and fir.
Undergrowth, 2nd. growth pine and locust.

West, on the S. bdy. of sec. 32.

Over level land, through heavy timber.

7.90 Drift fence, bears NE. and SW.; desc. 145 ft. over NW. slope to

14.77 Intersect the boundary of the Fort Apache Indian Reservation.

Set an iron post, 3 ft. long, 3 ins. diam., on surface rock, supported in a mound of stone, for closing cor. of secs. 5 and 32, with brass cap mkd.

F	T11N	R15E
A	S 32	C C
L	S 5	
R	T10N	R15½E
1937		

from which

Survey and Resurvey of the S. Bdy. of T.11 N., R.15 E.

BOOK 4172

Chains

An oak, 6 ins. diam., bears N.36°E., 24 lks. dist.
mkd. T 11 N R 15 E S 32 C C B T

A spruce, 12 ins. diam., bears S.44°E., 104 lks. dist.
mkd. T 10 N R 15 1/2 E S 5 C C B T

From this point, angle point No. 930 of the Reservation boundary, bears S.29°38'E., 4.30 chs. dist.; a sandstone 24 x 18 x 3 ins., in mound of stone, mkd. and witnessed as described in the official record.

Continue west on blank line, through the Fort Apache Indian Reservation.

Desc. 525 ft. over NW. slope.

44.80 Wash, 50 lks. wide, course westerly from NE.

48.70 Leave wash, course SW.; over rolling land.

72.00 Wash, 30 lks. wide, course S.

80.00 Set temp. cor. of secs. 31 and 32.

Land, sharply rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak, spruce and fir; undergrowth, dense 2nd. growth pine.

West; on a blank line, through the Fort Apache Indian Reservation.

Over rolling land, through heavy timber.

33.00 Barb wire fence, bears N. and S.

33.17 Intersect the West Boundary of the Fort Apache Indian Reservation at Forest Reserve Boundary Post No. 1, and closing cor. of frac. secs. 4 and 33. Ts. 10 and 11 North, R.15 East, as established by Thorn in 1903; an iron post, 4 ins. diam., 14 ins. above ground, in mound of stone, with brass cap mkd. U S FOREST RESERVE BOUNDARY POST NO 1, on top; T 11 N CC R 15 E on W. rim and T 10 N S 4 1903 on S. rim.

As this now becomes the closing corner of frac. T.10 1/2 N., R.15 E. and the SE. cor. of frac. sec. 31 of frac. T.11 N. R.15 E. only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO 1 and otherwise alter marks on brass cap to read as follows:

	T11N	
	R15E	F
	S 31	A
CC	-----	I
	S 23	R
	T15 1/2 N	
	R15E	
	1937	
	1903	

from which

The old bearing trees having fallen down, I establish new ones as follows:

A yellow pine, 10 ins. diam., bears S.10 3/4°W., 52 lks. dist., mkd. T 10 1/2 N R 15 E S 23 CC B T

A yellow pine, 30 ins. diam., bears N.53 1/4°W., 77 lks. dist., mkd. T 11 N R 15 E S 31 C C B T

Thence

West, on a true line on S. bdy. of sec. 31, continuing

Survey and Resurvey of a Portion of the S. Bdy. of
T.11 N., R.15 E.

Chains 40.00	<p>measurement.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S 31</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A juniper, 20 ins. diam., bears N.44°E., 18 lks. dist. mkd. $\frac{1}{4}$ S 31 B T</p> <p>A juniper, 6 ins. diam., bears N.46$\frac{3}{4}$°W., 16 lks. dist. mkd. $\frac{1}{4}$ S 31 B T</p>
41.52	<p>A point 5 lks. S. of the closing cor. of secs. 22 and 23, T.10$\frac{1}{2}$ N., R.15 E.; a sandstone 14 x 8 x 2 ins. above ground mkd. with 2 notches on NE. side and 3 notches and CC on S. side, from which</p> <p>A yellow pine, 16 ins. diam., bears S.79°E., 37 lks. dist., mkd. T.10$\frac{1}{2}$ N R 15 E S 23 B T</p> <p>A yellow pine, 12 ins. diam., bears S.18°W., 30 lks. dist., scribe marks visible.</p>
47.75	<p>Forest Reserve Boundary Post No. 2, and cor. of secs. 32 and 33, T.11 N., R.15 E. as established by Thorn in 1903, which is an iron post, 4 ins. diam., 16 ins. above ground, in mound of stone, mkd. and witnessed as described in the official record.</p> <p>As this cor. now becomes an angle point only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO. 2, and otherwise alter marks on brass cap to read as follows:</p> <p style="text-align: center;">A P T11N R15E S 31</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">1937 1903</p> <p style="text-align: right;">from which</p> <p>The old bearing trees:</p> <p>A yellow pine, 40 ins. diam., bears N.23$\frac{1}{2}$°E., 91 lks. dist. I change marks to read: A P S 31 B T</p> <p>An oak, 14 ins. diam., bears N.66$\frac{1}{4}$°W., 208 lks. dist. I change marks to read: A P S 31 B T</p>
51.00	Drain, 20 lks. wide, with small stream, course SW.
57.12	Forest Service telephone line, bears SE. and NW.
65.00	Desc. 80 ft. over small spurs.
78.00	Leave timber and enter meadow land.
80.00	<p>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor. of T.11 N., R.14 and 15 E., with brass cap mkd.</p> <p style="text-align: center;">T11N R14E R15E S 36 S 31</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">T10$\frac{1}{2}$N R15E S 22 1937</p>

Survey and Resurvey of a Portion of the S. Bdy.
of T.11 N., R.15 E.

BOOK 412

Chains

from which

An oak, 16 ins. diam., bears N.79½°E., 260 lks. dist.
mkd. T 11 N R 15 E S 31 B T

An oak, 8 ins. diam., bears N.65¾°W., 365 lks. dist.
mkd. T 11 N R 14 E S 36 B T

Land, rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, scattering 2nd. growth pine and oak.

Resurvey of the S. Bdy. of T.11 N., R.14 E.

From the cor. of Ts.11 N., Rs.14 and 15 E., described above,
West, on a true line on the S. bdy. of sec. 36.

Over rolling meadow.

2.20 Mule Creek, 20 lks. wide, 6 ins. deep, course S.20°W.

4.30 Barb wire fence, bears N.10°E. and S.10°W.

7.82 The old ¼ sec. cor. of sec. 32, T.11 N., R.15 E., as estab-
lished by Thorn in 1903, which is a sandstone, 14 x 6 x 5
ins., firmly set in ground and in mound of stone, mkd. ¼ S
on N. face.

As this cor. now becomes an angle point only, I destroy
the old marks on stone and mark same A P

from which

The old bearing trees:

A yellow pine, 20 ins. diam., bears N.27°E., 203 lks.
dist. I change marks to read: A P S 36 B T

An oak, 16 ins. diam., bears S.41½°W., 101 lks. dist.
mkd. ¼ S 32 B T. I deface the marks on this tree.

New bearing tree:

A yellow pine, 10 ins. diam., bears N.75½°W., 266 lks.
dist., mkd. A P S 36 B T

Thence

N.89°54'W., on a true line, continuing measurement.

10.00 Leave meadow and enter timber.

10.82 Forest Service telephone line, bears NE. and SW.

36.13 Barb wire fence, bears N.20°E. and S.20°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for ¼ sec. cor. with brass cap mkd.

¼ S 36

1937

from which

BOOK 4172

Resurvey of the S. Bdy. of T.11 N., R.14 E.

Chains: A yellow pine, 6 ins. diam., bears N.34 $\frac{3}{4}$ °E., 47 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

A yellow pine, 10 ins. diam., bears N.14 $\frac{1}{2}$ °W., 95 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

41.10 The closing cor. of secs. 21 and 22, T.10 $\frac{1}{2}$ N., R.15 E., which is a sandstone 12 x 7 x 3 ins. above ground, firmly set, mkd. CC on S. and 3 notches on E. and W. edges, from which
A yellow pine, 16 ins. diam., bears S.18 $\frac{1}{2}$ °E., 100 lks. dist., marks overgrown.

Find no evidence of the other old bearing tree.

47.96 Forest Reserve Boundary Post No. 3, and cor. of secs. 31 and 32, T.11 N., R.15 E., as established by Thorn in 1903, which is an iron post, 4 ins. diam., firmly set, mkd. and witnessed as described in the official record.

As this cor. now becomes an angle point only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO. 3 and otherwise alter marks on brass cap to read:

A. B. P. S. 36
T11N R14E
S 36

1937
1903

from which

The old bearing trees:

A yellow pine, 14 ins. diam., bears N.42°E., 19 lks. dist. I change marks to read: A P S 36 B T

A yellow pine, 20 ins. diam., bears N.67 $\frac{3}{4}$ °W., 98 lks. dist. I change marks to read: A P S 36 B T

Thence

West, on a true line, continuing measurement.

51.00 East fork of Canyon Creek, 4 lks. wide, 4 ins. deep, course S.

63.20 Canyon Creek, 20 lks. wide, 12 ins. deep, course S.20°E. Asc. 190 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 35 and 36, with brass cap mkd.

T11N R14E
S 35 | S 36

T10 $\frac{1}{2}$ N R15E
S 21
1937

from which

A yellow pine, 9 ins. diam., bears N.49 $\frac{1}{2}$ °E., 130 lks. dist., mkd. T 11 N R 14 E S 36 B T

A yellow pine, 6 ins. diam., bears N.22 $\frac{1}{2}$ °W., 8 lks. dist., mkd. T 11 N R 14 E S 35 B T

Land, gently rolling.
Soil, rocky clay, 3rd. rate.

Resurvey of the S. Bdy. of T.11 N., R.14 E.

BOOK 4172

Chains	Timber, yellow pine, scattering oak and juniper. Undergrowth, scattering 2nd. growth pine and oak.
	West, on a true line on the S. bdy. of sec. 35. Over rolling land, through heavy timber.
7.97	The $\frac{1}{4}$ sec. cor. of sec. 31, T.11 N., R.15 E., as established by Thorn in 1903, which is a sandstone 24x 12 x 6 ins., mkd. $\frac{1}{4}$ on N. face and set in a mound of stone. As this corner now becomes an angle point only, I destroy the old marks on stone, and mark same A P, from which The old bearing trees: A pine, 12 ins. diam., bears S.76°E., 28 lks. dist. I destroy the marks on this tree. A yellow pine, 24 ins. diam., bears N.67 $\frac{1}{2}$ °W., 35 lks. dist. I change marks to read: A P S 35 B T New bearing trees: A juniper, 6 ins. diam., bears N.22 $\frac{1}{2}$ °W., 51 lks. dist. mkd. A P S 35 B T Thence S.89°49'W., on a true line, continuing measurement. Desc. 45 ft. over SW. slope.
10.90	Ravine, 30 lks. wide, course S.; asc. 690 ft. over broken E. slope to $\frac{1}{4}$ Sec. cor.
38.00	Top of steep ascent, asc. gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 35 1937 from which A yellow pine, 6 ins. diam., bears N.21°E., 31 lks. dist., mkd. $\frac{1}{4}$ S 35 B T A yellow pine, 8 ins. diam., bears N.3°W., 22 lks. dist., mkd. $\frac{1}{4}$ S 35 B T Continue gradual ascent.
41.52	The closing cor. of secs. 20 and 21, T.10 $\frac{1}{2}$ N., R.15 E., which is a limestone 15 x 12 x 10 ins. in mound of stone, marked and witnessed as described in the official record.
46.81	Forest Reserve Boundary Post No.4, and corner of Ts.11 N., Rs. 14 and 15 E., as established by Thorn in 1903, which is an iron post, 4 ins. diam., set in a mound of stone, mkd. and witnessed as described in the official record. As this corner now becomes an angle point only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO 4, and otherwise alter marks on brass cap to read:

Resurvey of the S. Bdy. of T.11 N., R.14 E.

A P
T11N R14E
S 35

1937
1903

from which

The old bearing trees:

A yellow pine, 36 ins. diam., bears N.88°E., 51 lks. dist. I change marks to read: A P S 35 B T

The NW. bearing tree is burned.

New bearing tree:

A yellow pine, 36 ins. diam., bears N.31°W., 81 lks. dist., mkd. A P S 35 B T

Thence

N.89°54'W., on a true line, continuing measurement.

50.00 Top of ascent, thence over level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 34 and 35, with brass cap mkd.

T11N R14E
S 34 | S 35

S 20
T10½N R15E

1937

from which

A yellow pine, 10 ins. diam., bears N.58½°E., 76 lks. dist., mkd. T 11 N R 14 E S 35 B T

A yellow pine, 8 ins. diam., bears N.17°W., 56 lks. dist., mkd. T 11 N R 14 E S 34 B T

Land, mountainous, rolling and level.

Soil, rocky clay, 3rd. rate.

Timber, heavy yellow pine and scattering oak.

Undergrowth, 2nd. growth pine and oak.

N.89°54'W., on a true line on S. bdy. of sec. 34.

Over level land, through heavy timber.

6.94 The ¼ sec. cor. of sec. 35, T.11 N., R.14 E., as established by Thorn in 1903, which is a sandstone 14 x 12 x 8 ins. mkd. ¼ on N. face and set in mound of stone.

As this cor. now becomes an angle point only, I destroy the old marks on stone and mark same A P, from which

The old bearing trees:

A yellow pine, 20 ins. diam., bears S.41°W., 67 lks. I destroy the old marks on this tree.

Resurvey of the S. Bdy. of T.11 N., R.14 E.

BOOK 4172

Chains A yellow pine, 30 ins. diam., bears N.32½°W., 43 lks. dist., I change marks to read: A P S 34 B T

New bearing tree:

A yellow pine, 16 ins. diam., bears N.29¾°E., 104 lks. dist., mkd. A P S 34 B T

Thence

N.89°52'W., on a true line, continuing measurement.

39.70 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness ¼ sec. cor. with brass cap mkd.

WC ¼ S 34

1937

from which

An oak, 8 ins. diam., bears N.25°W., 30 lks. dist. mkd. W.C ¼ S 34 B T

A yellow pine, 14 ins. diam., bears N.61¾°W., 89 lks. dist., mkd. W C ¼ S 34 B T

40.00 The true point for ¼ sec. cor. falls in a pot hole, 3 x 6 ft. and 2 ft. deep.

42.71 A point 3 lks. S. of the closing cor. of secs. 19 and 20, which is a sandstone 30 x 12 x 4 ins., set in a mound of stone, marked and witnessed as described in the official record. T10½N, R.15E,

47.14 Forest Reserve Boundary Post No. 5, and corner of secs. 35 and 36, T.11 N., R.14 E., as established by Thorn in 1903, which is an iron post, 4 ins. diam., firmly set in mound of stone, marked and witnessed as described in the official record.

As this corner now becomes an angle point only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO 5, and otherwise alter marks on brass cap to read:

A P
T11N R14E
S. 34

1937
1903

from which

The original bearing trees:

A yellow pine, 16 ins. diam., bears N.31½°E., 30 lks. dist., I change marks to read: A P S 34 B T

A yellow pine, 30 ins. diam., bears N.26½°W., 57 lks. dist., I change marks to read: A P S 34 B T

Thence

N.89°44'W., on a true line, continuing measurement.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the

Resurvey of the S. Bdy. of T.11 N., R.14 E.

Chains ground, for cor. of secs. 33 and 34, with brass cap mkd.

T11N R14E
S 33 | S 34

1937

from which

A yellow pine, 6 ins. diam., bears N.45°E., 82 lks. dist., mkd. T 11 N R 14 E S 34 B T

A yellow pine, 20 ins. diam., bears N.65½°W., 12 lks. dist., mkd. T 11 N R 14 E S 33 B T

Land, nearly level.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine and scattering oak.

Undergrowth, 2nd. growth pine and scattering oak.

N.89°44'W., on a true line on S. bdy. of sec. 33.

Over level land, through 2nd. growth pine.

7.25

The old ¼ sec. cor. of sec. 35, T.11 N., R.14 E., as established by Thorn in 1903, which is a sandstone, 24 x 18 x 5 ins., mkd. ¼ on N. face and set in mound of stone.

As this corner now becomes an angle point only, I obliterate the old marks on stone and mark same A P, from which

The old bearing trees:

A yellow pine, 24 ins. diam., bears N.29°W., 18 lks. dist., I change marks to read: A P S 33 B T

A yellow pine, 18 ins. diam., bears S.71½°E., 41 lks. dist., I deface the marks on this tree.

New bearing tree:

A yellow pine, 6 ins. diam., bears N.37½°E., 54 lks. dist., mkd. A P S 33 B T

Thence

West, on a true line, continuing measurement.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼ S 33

1937

from which

A yellow pine, 6 ins. diam., bears N.14°E., 41 lks. dist., mkd. ¼ S 33 B T

A yellow pine, 7 ins. diam., bears N.41½°W., 49 lks. dist., mkd. ¼ S 33 B T

42.87

A point 5 lks. S. of the closing cor. of Ts. 10½ N., Rs. 14 and 15 E.; a sandstone 30 x 16 x 8 ins. in mound of stone, marked and witnessed as described in the official record.

47.37

Forest Reserve Boundary Post No. 6, and cor. of secs. 34 and 35, T.11 N., R.14 E., as established by Thorn in 1903,

Resurvey of the S. Bdy. of T.11 N., R.14 E. BOOK 4172

Chains which is an iron post, 4 ins. diam., firmly set in mound of stone, marked and witnessed as described in the official record.

As this corner now becomes an angle point only, I deface the marks U S FOREST RESERVE BOUNDARY POST NO 6, and other wise alter marks on brass cap to read:

A P
T11N R14E
S 33

1937
1903

from which

The old bearing trees:

A yellow pine, 24 ins. diam., bears N.36½°W., 84 lks. dist., I change marks to read: A P S 33 B T

The NE. bearing tree is gone.

New bearing tree:

A yellow pine, 6 ins. diam., bears N.52½°E., 35 lks. dist., mkd. A P S 33 B T

Thence

N.89°58'W., on a true line, continuing measurement.

66.00 Old road, bears S.11½°E. and N.11½°W.

69.30 Graded highway, bears N.11½°W. to Heber and S.11½°E. to Young.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 32 and 33, with brass cap mkd.

T11N R14E
S 32 | S 33

S 24
T10½N R14E

1937

from which

A pine, 8 ins. diam., bears N.68½°E., 46 lks. dist. mkd. T 11 N R 14 E S 33 B T

A pine, 8 ins. diam., bears N.73½°W., 72 lks. dist. mkd. T 11 N R 14 E S 32 B T

Land, nearly level.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine and oak.

Undergrowth, 2nd. growth pine and scattering oak.

N.89°58'W., on a true line on S. bdy. of sec. 32.

Over gently rolling land, through dense pine timber.

7.51 A point 2 lks. N. of the old ¼ sec. cor. of sec. 34, T.11 N., R.14 E., as established by Thorn in 1903; a sandstone 24 x 18 x 3 ins., in mound of stone, mkd. and witnessed as described in the official record. I destroy this cor. and deface the marks on old bearing trees.

BOOK 4172

Resurvey of the S. Bdy. of T.11 N.,R.14 E.

Chains

40.00

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to bedrock, and in a mound of stone to top, for 1/4 sec. cor. of sec. 32 only, with brass cap mkd.

1/4 S 32

1937

from which

A pine, 26 ins. diam., bears N.23 1/2° E., 14 lks. dist. mkd. 1/4 S 32 B T

A pine, 10 ins. diam., bears N.25° W., 27 lks. dist. mkd. 1/4 S 32 B T

47.64

A point 13 lks. S. of old Forest Reserve Boundary Post No. 7, and cor. of secs. 3, 4, 33 and 34, Ts. 10 and 11 N., R. 14 E., as established by Thorn in 1903; an iron post, 4 ins. diam., set in mound of stone, mkd. and witnessed as described in the official record. I destroy this corner and deface the marks on old bearing trees.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 31 and 32, with brass cap mkd.

T11N R14E
S 31 | S 32

S 23

T10 1/2 N. R14E

1937

from which

A yellow pine, 10 ins. diam., bears N.35 1/2° E., 116 lks. dist., mkd. T 11 N R 14 E S 32 B T

A yellow pine, 10 ins. diam., bears N.35 1/2° W., 50 lks. dist., mkd. T 11 N R 14 E S 31 B T

Land, nearly level.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine and scattering oak.
Undergrowth, scattering 2nd. growth pine and oak.

N.89°58'W., on a true line on S. bdy. of sec. 31.

Through dense timber; desc. 66 ft. to

5.00

Colecord Canyon, 3 chs. wide, drains N.75°W.; asc. 40 ft.

7.77

A point 32 lks. S. of old 1/4 sec. cor. of sec. 33, T.11 N., R.14 E., a sandstone 14 x 6 x 6 ins. above ground, mkd. and witnessed as described in the official record. I destroy this cor. and deface the marks on old bearing trees.

Over nearly level land.

26.80

Rim rock, bears N. and S.; desc. 324 ft. over steep NW. slope.

32.50

Ravine, course NW.; asc. 60 ft. over NE. slope.

35.20

Spur, slopes NW.; desc. 140 ft. over NW. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

1/4 S 31

1937

Resurvey of the S. Bdy. of T.11 N., R.14 E.

Chains

from which

A fir, 6 ins. diam., bears N.35 $\frac{1}{2}$ °E., 34 lks. dist.
mkd. $\frac{1}{4}$ S 31 B T

A fir, 6 ins. diam., bears N.80°W., 52 lks. dist.
mkd. $\frac{1}{4}$ S 31 B T

47.00 Drain, course N.

48.21 A point 35 lks. S. of Forest Reserve Boundary Post No.8
and witness cor. of secs. 4, 5, 32 and 33, Ts.10 and 11
N., R.14 E.; an iron post, 4 ins. diam., in mound of stone,
mkd. and witnessed as described in the official record.
I destroy this cor. and deface the marks on old bearing
trees.

48.70 Low spur, slopes N.; desc. 335 ft. over steep NW. slope.

64.50 Foot of descent.

67.00 Dry bed of Colcord Creek, 50 lks. wide, 4 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 4 ins. in the
ground to bedrock, and in a mound of stone to top, for
cor. of Ts.11 N., Rs. 13 $\frac{1}{2}$ and 14 E., with brass cap mkd.

T 11 N	
R13 $\frac{1}{2}$ E	R14E
S 36	S 31

S 22	
T10 $\frac{1}{2}$ N	R14E

1937

from which

A yellow pine, 14 ins. diam., bears N.59°E., 146 lks.
dist., mkd. T 11 N R 14 E S 31 B T

A yellow pine, 10 ins. diam., bears N.8°W., 139 lks.
dist., mkd. T 11 N R 13 $\frac{1}{2}$ E S 36 B T

Land, mountainous and rolling.

Soil, rocky clay, 3rd. rate.

Timber, dense yellow pine, scattering oak and juniper.

Undergrowth, oak, 2nd. growth pine and grapevine.

Resurvey of the S. Bdy. of T.11 N., R.13 $\frac{1}{2}$ E.From the cor. of Ts.11 N., Rs.13 $\frac{1}{2}$ and 14 E.,

N.89°58'W., on a true line on S. bdy. of sec. 36.

Over rolling land, through dense timber and undergrowth.

8.49 A point 16 lks. S. of the $\frac{1}{4}$ sec. cor. of sec. 32, T.11 N.,
R.14 E.; a sandstone 24 x 12 x 10 ins. in mound of stone,
mkd. and witnessed as described in the official record.
I destroy this cor. and deface the marks from old bearing
trees.

13.50 Desc. 180 ft. over W. slope.

30.00 The West fork of Colcord Creek, a stream 10 lks. wide, 4
ins. deep, course S.10°W.; asc. 40 ft. over E. slope.

34.00 Spur, slopes S.; desc. 30 ft. to

BOOK 4172

Resurvey of the S. Bdy. of T.11 N., R.13½ E.

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 36 only, with brass cap mkd.

¼ S 36

1937

from which

A yellow pine, 6 ins. diam., bears N.18°E., 33 lks. dist., mkd. ¼ S 36 B T

A juniper, 6 ins. diam., bears N.12°W., 34 lks. dist., mkd. ¼ S 36 B T

Desc. 54 ft. over W. slope.

45.50 Creek, 3 lks. wide, course S.; asc. 20 ft.

48.00 Spur, slopes S.

48.39 A point 6 lks. N. of Forest Reserve Boundary Post No. 9, and cor. of secs. 5, 6, 31 and 32, Ts. 10 and 11 N., R. 14 E. which is an iron post, 4 ins. diam., in mound of stone, mkd. and witnessed as described in the official record. I destroy this cor. and deface the marks on old bearing trees.

Desc. 77 ft. over broken SW. slope.

66.00 Stream, 10 lks. wide, course S.80°W.

76.00 Desc. 68 ft. over W. slope to cor.

79.80 Wash, 20 lks. wide, course S.20°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 35 and 36, with brass cap mkd.

T11N R13½E
S 35 | S 36

S 21

T10½N R14E

1937

from which

A yellow pine, 6 ins. diam., bears N.44°E., 13 lks. dist., mkd. T 11 N R 13½ E S 36 B T

A yellow pine, 6 ins. diam., bears N.9½°W., 19 lks. dist., mkd. T 11 N R 13½ E S 35 B T

Land, rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak and juniper.
Undergrowth, dense 2nd. growth pine, scattering oak.

N.89°58'W., on a true line on S. bdy. of sec. 35.

Over rolling land, through dense timber.

1.30 Asc. 54 ft.

5.00 Top of ascent.

7.50 A point 7 lks. N. of the ¼ sec. cor. of sec. 31, T.11 N., R.14 E.; a sandstone 18 x 14 x 4 ins. in mound of stone, mkd. and witnessed as described in the official record.

Resurvey of the S. Bdy. of T.11 N., R.13 $\frac{1}{2}$ E.

BOOK 4172

Chains I destroy this cor., and deface the marks on old bearing trees.

39.00 Desc. W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 35

1937

from which

An oak, 8 ins. diam., bears N.42 $\frac{3}{4}$ °E., 55 lks. dist. mkd. $\frac{1}{4}$ S 35 B T

A yellow pine, 8 ins. diam., bears N.42 $\frac{1}{4}$ °W., 71 lks. dist., mkd. $\frac{1}{4}$ S 35 B T

43.40 Wash, 20 lks. wide, course S.; asc. E. slope.

44.80 Road in bend, bears SE. and SW.

47.60 The cor. of Ts.11 N., Rs.13 and 13 $\frac{1}{2}$ E., and Boundary Post No. 10, which is an iron post 4 ins. diam., mkd. and witnessed as described in the official record.

Land, slightly rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine, oak and juniper.

Undergrowth, scattering 2nd. growth pine, and oak.

East Boundary of T.11 N., R.14 E.

From the cor. of Ts.11 N., Rs.14 and 15 E., hereinbefore described,

North, bet. secs. 31 and 36.

Over rolling meadow land.

5.20 Forest Service telephone line, bears E. and W.

10.00 Leave meadow, enter heavy timber.

12.20 Enter bed of Mule Canyon, course SW.

14.40 Mule Creek, 15 lks. wide, 6 ins. deep, course S.4°W.

19.60 Mule Creek, course S.5°E.

21.00 Mule Creek, course S.15°W.; diversion ditch to O.W. Ranch, course S.20°W.

22.40 Barb wire fence, bears N.15°E. and S.15°W.

29.00 Leave canyon, and asc. 70 ft. over gradual SE. slope.

34.80 Barb wire fence, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 36 | S 31

1937

from which

East Boundary of T.11 N., R.14 E.

Chains A pine, 6 ins. diam., bears N.64½°E., 14 lks. dist.
mkd. ¼ S 31 B T

An oak, 12 ins. diam., bears N.32°W., 56 lks. dist.
mkd. ¼ S 36 B T

Asc. 174 ft. over SE. slope.

56.20 Top of ascent.

58.50 Desc. 40 ft. to

59.80 Wash, course SE.; asc. 113 ft. over SE. slope.

65.00 Top of ascent.

71.80 Desc. 50 ft. to.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground to bed rock, and in a mound of stone to top, for
cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T11N	
R14E	R15E
S 25	S 30
S 36	S 31

1937

from which

An oak, 6 ins. diam., bears N.68°E., 99 lks. dist.
mkd. T 11 N R 15 E S 30 B T

A walnut, 6 ins. diam., bears S.39½°E., 6 lks. dist.
mkd. T 11 N R 15 E S 31 B T

A fir, 40 ins. diam., bears S.29½°W., 60 lks. dist.
mkd. T 11 N R 14 E S 36 B T

A fir, 40 ins. diam., bears N.61½°W., 24 lks. dist.
mkd. T 11 N R 14 E S 25 B T

Land, rolling and mountainous.

Soil, rocky clay, 3rd. rate.

Timber, pine, oak, fir, spruce and walnut.

Undergrowth, grapevine, locust, fern, oak and 2nd. growth
pine.

North, bet. secs. 25 and 30.

.67 Asc. 350 ft. over precipitous cliffs.

6.00 Top of cliff; continue ascent 113 ft. over SE. slope.

17.00 Top of ascent.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock, and in a mound of stone to top, for
¼ sec. cor. with brass cap mkd.

¼	
S 25	S 30

1937

from which

An oak, 6 ins. diam., bears S.53°E., 163 lks. dist.
mkd. ¼ S 30 B T

East Boundary of T.11 N., R.14 E.

Chains	A pine, 6 ins. diam., bears S.24°W., 70 lks. dist. mkd. $\frac{1}{4}$ S 25 B T												
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T11N</td></tr> <tr><td style="text-align: center;">R14E</td><td style="text-align: center;">R15E</td></tr> <tr><td style="text-align: center;">S 24</td><td style="text-align: center;">S 19</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td style="text-align: center;">S 25</td><td style="text-align: center;">S 30</td></tr> <tr><td colspan="2" style="text-align: center;">1937</td></tr> </table> <p style="text-align: right;">from which</p>	T11N		R14E	R15E	S 24	S 19	-----		S 25	S 30	1937	
T11N													
R14E	R15E												
S 24	S 19												

S 25	S 30												
1937													
	A pine, 8 ins. diam., bears N.50 $\frac{3}{4}$ °E., 95 lks. dist. mkd. T 11 N R 15 E S 19 B T												
	A pine, 10 ins. diam., bears S.27 $\frac{1}{2}$ °E., 43 lks. dist. mkd. T 11 N R 15 E S 30 B T												
	A pine, 8 ins. diam., bears S.20 $\frac{1}{2}$ °W., 78 lks. dist. mkd. T 11 N R 14 E S 25 B T												
	A pine, 12 ins. diam., bears N.14 $\frac{1}{2}$ °W., 192 lks. dist. mkd. T 11 N R 14 E S 24 B T												
	Land, mountainous and gently rolling. Soil, rocky clay, 3rd. rate. Timber, dense yellow pine and scattering oak. Undergrowth, some 2nd. growth pine and oak.												
	North, bet. secs. 19 and 24.												
	Over gently rolling land, through dense timber.												
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">$\frac{1}{4}$</td></tr> <tr><td style="text-align: center;">S 24</td><td style="text-align: center;">S 19</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td colspan="2" style="text-align: center;">1937</td></tr> </table> <p style="text-align: right;">from which</p>	$\frac{1}{4}$		S 24	S 19	-----		1937					
$\frac{1}{4}$													
S 24	S 19												

1937													
	A yellow pine, 10 ins. diam., bears S.16°E., 135 lks. dist., mkd. $\frac{1}{4}$ S 19 B T												
	A yellow pine, 14 ins. diam., bears S.66 $\frac{1}{4}$ °W., 43 lks. dist., mkd. $\frac{1}{4}$ S 24 B T												
50.00	Truck trail, bears NE. and SW.												
50.90	Barb wire fence, bears NE. and SW.												
75.00	Sheep Springs bear West, approximately 15 chs. dist.												
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T11N</td></tr> <tr><td style="text-align: center;">R14E</td><td style="text-align: center;">R15E</td></tr> <tr><td style="text-align: center;">S 13</td><td style="text-align: center;">S 18</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td style="text-align: center;">S 24</td><td style="text-align: center;">S 19</td></tr> <tr><td colspan="2" style="text-align: center;">1937</td></tr> </table> <p style="text-align: right;">from which</p>	T11N		R14E	R15E	S 13	S 18	-----		S 24	S 19	1937	
T11N													
R14E	R15E												
S 13	S 18												

S 24	S 19												
1937													
	A yellow pine, 8 ins. diam., bears N.36 $\frac{1}{2}$ °E., 306 lks. dist., mkd. T 11 N R 15 E S 18 B T												

BOOK 4174

East Boundary of T.11 N., R.14 E.

Chains

A yellow pine, 20 ins. diam., bears S.64 $\frac{3}{4}$ °E., 171 lks.
dist., mkd. T 11 N R 15 E S 19 B T

A yellow pine, 8 ins. diam., bears S.26 $\frac{3}{4}$ °W., 128 lks.
dist., mkd. T 11 N R 14 E S 24 B T

A yellow pine, 8 ins. diam., bears N.37°W., 110 lks.
dist., mkd. T 11 N R 14 E S 13 B T

Land, gently rolling.

Soil, rocky clay, 3rd. rate.

Timber, yellow pine and oak.

Undergrowth, scattering 2nd. growth pine and oak.

North, bet. secs. 13 and 18.

Over gently rolling land, through heavy timber.

32.40 Graded highway, bears N;75°W. to Young and S.75°E. to Heber. Divide bet. N. and S. drainage.

33.50 Forest Service telephone line, bears N.75°W. and S.75°E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$

S 13 | S 18

1937

from which

A yellow pine, 12 ins. diam., bears N.30°E., 38 lks.
dist., mkd. $\frac{1}{4}$ S 18 B T

A yellow pine, 10 ins. diam., bears S.23 $\frac{3}{4}$ °W., 121 lks.
dist., mkd. $\frac{1}{4}$ S 13 B T

50.00 Desc. gradually.

60.00 Draw, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

T11N

R14E | R15E

S 12 | S 7

S 13 | S 18

1937

from which

A pine, 5 ins. diam., bears N.20 $\frac{1}{4}$ °E., 18 lks. dist.
mkd. T 11 N R 15 E S 7 B T

A yellow pine, 6 ins. diam., bears S.3°E., 53 lks.
dist., mkd. T 11 N R 15 E S 18 B T

A yellow pine, 10 ins. diam., bears S.14 $\frac{1}{4}$ °W., 54 lks.
dist., mkd. T 11 N R 14 E S 13 B T

A yellow pine, 8 ins. diam., bears N.30°W., 25 lks.
dist., mkd. T 11 N R 14 E S 12 B T

Land, gently rolling.

Soil, rocky clay, 3rd. rate.

Timber, dense yellow pine and scattering oak.

Undergrowth, scattering 2nd. growth pine, and oak.

East Boundary of T.11 N., R.14 E.

BOOK 411

Chains	North, bet. secs. 7 and 12.
	Over rolling land, through dense timber.
1.10	Gully, 40 lks. wide, course NW.
10.00	Desc. gradual NW. slope.
21.30	Gully, course NE.; foot of decent.
32.60	Gully, 40 lks. wide, course NE.
33.60	Walls of old log cabin, bears E. about 4 chs. dist.
35.00	Asc. 50 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$
	S 12 S 7
	1937
	from which
	A yellow pine, 12 ins. diam., bears S. $54\frac{1}{4}^{\circ}$ E., 90 lks. dist., mkd. $\frac{1}{4}$ S 7 B T
	A yellow pine, 8 ins. diam., bears S. $52\frac{3}{4}^{\circ}$ W., 200 lks. dist., mkd. $\frac{1}{4}$ S 12 B T
58.00	Desc. NE. slope 63 ft. to
63.00	Drain, course NE.; asc. 74 ft. over SE. slope.
71.00	Top of ascent.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd.
	T11N R14E R15E S 1 S 6
	S 12 S 7
	1937
	from which
	A yellow pine, 8 ins. diam., bears N. $65\frac{1}{4}^{\circ}$ E., 144 lks. dist., mkd. T 11 N R 15 E S 6 B T
	A yellow pine, 12 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ E., 70 lks. dist., mkd. T 11 N R 15 E S 7 B T
	A yellow pine, 8 ins. diam., bears S. 50° W., 59 lks. dist., mkd. T 11 N R 14 E S 12 B T
	A yellow pine, 10 ins. diam., bears N. 58° W., 173 lks. dist., mkd. T 11 N R 14 E S 1 B T
	Land, rolling. Soil, rocky clay, 3rd. rate. Timber, yellow pine and oak. Undergrowth, scattering pine and oak.

North, bet. secs. 1 and 6.

Over gently rolling land, through heavy timber.

BOOK 4172

East Boundary of T.11 N., R.14 E.

Chains
 3.00 Desc. 106 ft. over NW. slope to
 11.00 Wash, 15 lks. wide, course NE.
 23.00 Desc. 64 ft. over NE. slope.
 27.00 Small stream, course SE.; asc. 147 ft. over SE. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

 $\frac{1}{4}$

S 1 | S 6

1937

from which

A yellow pine, 10 ins. diam., bears S. $47\frac{1}{4}^{\circ}$ E., 40 lks.
 dist., mkd. $\frac{1}{4}$ S 6 B T

A yellow pine, 12 ins. diam., bears S. 23° W., 90 lks.
 dist., mkd. $\frac{1}{4}$ S 1 B T

Over level top.

55.00 Desc. gradually.
 57.20 Trail, bears N. 80° E. and S. 80° W.
 62.50 Ravine, course N. 80° E.; asc. slightly.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the
 ground to bedrock, and in a mound of stone to top, for
 cor. of Ts. 11 and 12 N., Rs. 14 and 15 E., with brass cap
 mkd.

T12N

R14E | R15E
S 36 | S 31

S 1 | S 6

T11N

1937

from which

A yellow pine, 16 ins. diam., bears N. $71\frac{3}{4}^{\circ}$ E., 76 lks.
 dist., mkd. T 12 N R 15 E S 31 B T

A yellow pine, 20 ins. diam., bears S. $64\frac{1}{2}^{\circ}$ E., 110 lks.
 dist., mkd. T 11 N R 15 E S 6 B T

A yellow pine, 20 ins. diam., bears S. 34° W., 47 lks.
 dist., mkd. T 11 N R 14 E S 1 B T

A yellow pine, 14 ins. diam., bears N. $71\frac{1}{2}^{\circ}$ W., 101 lks.
 dist., mkd. T 12 N R 14 E S 36 B T

Land, gently rolling.
 Soil, rocky clay, 3rd. rate.
 Timber, yellow pine and oak.
 Undergrowth, scattering 2nd. growth pine and oak.

South Boundary of T.12 N., R.15 E.

From the cor. of Ts. 11 and 12 N., R. 15 E.

West, on a random line bet. Ts. 11 and 12 N., through R. 15
 E., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of

South Boundary of T.12 N., R.15 E.

Chains	40.00 and 80.00 chs. until at
479.77	A point 42 lks. N. of the cor. of Ts.11 and 12 N., Rs.14 and 15 E., hereinbefore described.
	Thence
	N.89°57'E., on a true line, bet. secs. 6 and 31.
	Over rolling land, through dense timber.
5.00	Desc. 145 ft. over E. slope.
16.80	Wash, 15 lks. wide, course NE.; asc. 136 ft. over W. slope
26.80	Top of ascent.
29.20	Desc. 200 ft. over SE. slope.
39.77	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} S\ 31 \\ \frac{1}{4} \text{ ---} \\ S\ 6 \\ 1937 \end{array}$
	from which
	A yellow pine, 12 ins. diam., bears S.43 $\frac{1}{2}$ °E., 107 lks. dist., mkd. $\frac{1}{4}$ S 6 B T
	A yellow pine, 8 ins. diam., bears N.20 $\frac{1}{4}$ °W., 17 lks. dist., mkd. $\frac{1}{4}$ S 31 B T
40.30	Bottom of St. Joe Canyon, 40 lks. wide, course N.10°E. Asc. 45 ft.
45.30	Spur, slopes NE.; desc. 46 ft. over NE. slope.
51.60	Along edge of canyon.
56.20	Bottom of St. Joe Canyon, 40 lks. wide, course N.20°E. Asc. 205 ft. over NW. slope.
70.00	Top of ascent.
72.00	Truck trail, bears S.20°E. and N.20°W.; desc. slightly.
79.20	Drain, course S.25°E.
79.77	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.
	$\begin{array}{r} T12N\ R15E \\ S\ 31\ \ S\ 32 \\ \hline S\ 6\ \ S\ 5 \\ T11N \\ 1937 \end{array}$
	from which
	A yellow pine, 14 ins. diam., bears N.16 $\frac{1}{2}$ °E., 28 lks. dist., mkd. T 12 N R 15 E S 32 B T
	A yellow pine, 16 ins. diam., bears S.20 $\frac{3}{4}$ °E., 96 lks. dist., mkd. T 11 N R 15 E S 5 B T
	A yellow pine, 24 ins. diam., bears S.13 $\frac{1}{4}$ °W., 74 lks. dist., mkd. T 11 N R 15 E S 6 B T

BOOK 4172

South Boundary of T.12 N., R.15 E.

Chains	A yellow pine, 8 ins. diam., bears N.67°W., 27 lks. dist., mkd. T. 12 N., R.15 E S 31 B T
	Land, rolling. Soil, rocky clay, 3rd. rate. Timber, yellow pine, oak and juniper. Undergrowth, scattering pine and oak.
	N.89°57'E., on a true line bet. secs. 5 and 32. Over rolling land, through dense timber.
12.00	Desc. 175 ft. over E. slope.
34.70	Wash, 40 lks. wide, in Smith Canyon, course N.; asc. 94 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 32 ----- S 5 1937
	from which
	A yellow pine, 12 ins. diam., bears N.6 $\frac{1}{2}$ °W., 12 lks. dist., mkd. $\frac{1}{4}$ S 32 B T
	A yellow pine, 12 ins. diam., bears S.27 $\frac{1}{2}$ °E., 12 lks. dist., mkd. $\frac{1}{4}$ S 5 B T
	Asc. 109 ft. over gradual, NW. slope.
55.00	Top of ascent.
71.70	Truck trail, bears N.10°E. and S.10°W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.
	T12N R15E S 32 S 33 ----- S 5 S 4 T11N 1937
	from which
	A yellow pine, 20 ins. diam., bears N.57°E., 51 lks. dist., mkd. T 12 N R 15 E S 33 B T
	A yellow pine, 8 ins. diam., bears S.83 $\frac{1}{2}$ °E., 28 lks. dist., mkd. T 11 N R 15 E S 4 B T
	A yellow pine, 18 ins. diam., bears S.70 $\frac{1}{2}$ °W., 59 lks. dist., mkd. T 11 N R 15 E S 5 B T
	A yellow pine, 8 ins. diam., bears N.8 $\frac{3}{4}$ °W., 108 lks. dist., mkd. T 12 N R 15 E S 32 B T
	Land, rolling. Soil, rocky clay, 3rd. rate. Timber, yellow pine, oak and juniper. Undergrowth, 2nd. growth pine, and oak.

South Boundary of T.12 N., R.15 E.

POK 412

Chains N.89°57'E., on a true line bet. secs. 4 and 33.
 Over slightly rolling land, through dense timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 33

 S 4
 1937

from which

A yellow pine, 30 ins. diam., bears N.11 $\frac{1}{2}$ °W., 20 lks. dist., mkd. $\frac{1}{4}$ S 33 B T

A yellow pine, 36 ins. diam., bears S.38 $\frac{1}{2}$ °W., 34 lks. dist., mkd. $\frac{1}{4}$ S 4 B T

52.00 Desc. 70 ft. over SE. slope.

56.50 Small stream, course N.; asc. 147 ft. to cor.

61.00 Trail, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T12N R15E
 S 33 | S 34

 S 4 | S 3
 T11N
 1937

from which

A yellow pine, 8 ins. diam., bears N.39 $\frac{1}{2}$ °E., 73 lks. dist., mkd. T 12 N R 15 E S 34 B T

A yellow pine, 14 ins. diam., bears S.62 $\frac{1}{2}$ °E., 39 lks. dist., mkd. T 11 N R 15 E S 3 B T

A yellow pine, 24 ins. diam., bears S.17 $\frac{1}{4}$ °W., 106 lks. dist., mkd. T 11 N R 15 E S 4 B T

A yellow pine, 24 ins. diam., bears N.37 $\frac{1}{4}$ °W., 162 lks. dist., mkd. T 12 N R 15 E S 33 B T

Land, slightly rolling.
 Soil, rocky clay, 3rd. rate.
 Timber, yellow pine, oak, juniper and aspen.
 Undergrowth, young pine, oak and juniper.

N.89°57'E., on a true line bet. secs. 3 and 34.
 Over rolling land, through dense timber.

9.60 Truck trail, bears N.20°E. and S.20°W.

18.00 Desc. 160 ft. over E. slope.

38.10 Wash, 60 lks. wide, course N.; asc. 43 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground; for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 34

 S 3
 1937

from which

South Boundary of T.12 N., R.15 E.

Chains An oak, 8 ins. diam., bears N.11 $\frac{1}{4}$ °E., 25 lks. dist.
mkd. $\frac{1}{4}$ S 34 B T

A pine, 8 ins. diam., bears S.54 $\frac{3}{4}$ °E., 9 lks. dist.
mkd. $\frac{1}{4}$ S. 3 B T.

Asc. 50 ft. over W. slope.

46.00 Top of ascent.

55.00 Desc. gradually.

62.80 Truck trail, bears N.10°E. and S.10°W.

65.00 Foot of descent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground to bedrock, and in a mound of stone to top, for
cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T12N	R15E
S 34	S 35

S 3	S 2
T11N	
1937	

from which

A yellow pine, 6 ins. diam., bears N.22 $\frac{1}{2}$ °E., 120 lks.
dist., mkd. T 12 N R 15 E S 35 B T

A yellow pine, 14 ins. diam., bears S.52 $\frac{1}{2}$ °E., 162 lks.
dist., mkd. T 11 N R 15 E S 2 B T

A yellow pine, 20 ins. diam., bears S.69 $\frac{1}{2}$ °W., 148 lks.
dist., mkd. T 11 N R 15 E S 3 B T

A yellow pine, 10 ins. diam., bears N.8 $\frac{3}{4}$ °W., 29 lks.
dist., mkd. T 12 N R 15 E S 34 B T

Land, rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak and juniper.
Undergrowth, young pine, and oak.

N.89°57'E., on a true line bet. secs. 2 and 35.

Over gently rolling land, through dense timber.

15.00 Wash, 10 lks. wide, course S.

34.00 Desc. gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	S 35

	S 2
	1937

from which

A yellow pine, 10 ins. diam., bears N.57 $\frac{1}{4}$ °W., 84 lks.
dist., mkd. $\frac{1}{4}$ S 35 B T

A yellow pine, 8 ins. diam., bears S.48°W., 45 lks. dist
mkd. $\frac{1}{4}$ S 2 B T

41.70 Small drain, course S.

South Boundary of T.12 N., R.15 E.

BOOK 412

Chains

- 65.00 Smooth wire fence, bears NE. and SW.
71.70 Same fence, bears SE. and NW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.

T12N	R15E
S 35	S 36
S 2	S 1
T11N	
1937	

from which

A yellow pine, 30 ins. diam., bears N. $76\frac{1}{2}^{\circ}$ E., 43 lks. dist., mkd. T 12 N R 15 E S 36 B T

A yellow pine, 16 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ E., 53 lks. dist., mkd. T 11 N R 15 E S 1 B T

A yellow pine, 20 ins. diam., bears S. $46\frac{3}{4}^{\circ}$ W., 51 lks. dist., mkd. T 11 N R 15 E S 2 B T

A yellow pine, 12 ins. diam., bears N. $74\frac{3}{4}^{\circ}$ W., 157 lks. dist., mkd. T 12 N R 15 E S 35 B T

Land, slightly rolling.
Soil, rocky clay, 3rd. rate.
Timber, pine, oak and juniper.
Undergrowth, young pine, oak and juniper.

N. $89^{\circ}57'$ E., on a true line bet. secs. 1 and 36.

Over nearly level land, through dense timber.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	S 36
	S 1
1937	

from which

A juniper, 24 ins. diam., bears N. $12\frac{3}{4}^{\circ}$ E., 52 lks. dist. mkd. $\frac{1}{4}$ S 36 B T

A juniper, 48 ins. diam., bears S. $66\frac{1}{2}^{\circ}$ E., 64 lks. dist. mkd. $\frac{1}{4}$ S 1 B T

- 41.50 Trail, bears SE. and NW.
43.00 Desc. 175 ft. over broken NE. slope.
52.16 Trail, bears NE. and SW.
54.04 Intersect line 2-3. of H.E.S. No. 196.

From this point, Cor. No. 3, bears N. $32^{\circ}04'$ E., 32.66 chs. dist.; a limestone 28 x 12 x 9 ins., mkd. and witnessed as described in the official record.

- 56.00 Foot of descent; enter meadow.
57.07 Barb wire fence, bears SE. and NW.
60.50 Nelson's house, bears N. 325 lks. dist.; cabin, bears S., 120 lks. dist.

BOOK 4172

South Boundary of T.12 N., R.15 E.

Chains	
63.53	Well, bears S., 60 lks. dist.; fence, bears SE. and NW.
65.40	Small stream in gully, course NE.
68.00	Asc. 80 ft. over W. slope.
71.00	Low spur, slopes N.; desc. 56 ft. over E. slope.
75.00	Foot of descent; road, bears N.20°E. and S.20°W.
77.53	Intersect line 1-6, H.E.S. No.196. From this point Cor. No.6 bears N.31°08'E., 46.18 chs. dist.; a limestone, 15 x 12 x 5 ins. above ground, mkd. and witnessed as described in the official record.
78.70	Small drain, course NE.
80.00	The cor. of Ts.11 and 12 N., R.15 E., hereinbefore described. Land, gently rolling. Soil, rocky clay, 3rd. rate. Timber, yellow pine, oak and juniper.

West Boundary of T.11 N., R.14 E.

	From the cor. of Ts.11 N., Rs.13 $\frac{1}{2}$ and 14 E., hereinbefore described, North, bet. secs. 31 and 36. Asc. 160 ft. over S. and SW. slope, through dense timber.
16.30	Spur, slopes SW.; desc. 60 ft. over NW. slope.
23.20	Small drain, course SW.; asc. 350 ft. over broken SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 36 S 31 1937 from which A pine, 6 ins. diam., bears N.25°E., 74 lks. dist. mkd. $\frac{1}{4}$ S 31 B T A pine, 6 ins. diam., bears N.48 $\frac{1}{4}$ °W., 45 lks. dist. mkd. $\frac{1}{4}$ S 36 B T
	Continue ascent along broken W. slope.
44.00	Desc. 110 ft. over broken NW. slope.
54.80	Ravine, course SW.
62.35	W. fork of Colcord Creek, running water, 2 ft. wide, 4 ins. deep, course SW. Asc. 475 ft. over broken SW. slope.
79.40	Mogollon rim, bears NE. and S.80°W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for

West Boundary of T.11 N., R.14 E.

BOOK 4112

Chains cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T11N	
R13 $\frac{1}{2}$ E	R14E
S 25	S 30
S 36	S 31
1937	

from which

A pine, 10 ins. diam., bears N.24 $\frac{1}{2}$ °E., 78 lks. dist.
mkd. T 11 N R 14 E S 30 B T

A pine, 8 ins. diam., bears S.10°E., 40 lks. dist.
mkd. T 11 N R 14 E S 31 B T

A pine, 6 ins. diam., bears S.35 $\frac{1}{2}$ °W., 48 lks. dist.
mkd. T 11 N R 13 $\frac{1}{2}$ E S 36 B T

A pine, 6 ins. diam., bears N.39 $\frac{1}{2}$ °W., 123 lks. dist.
mkd. T 11 N R 13 $\frac{1}{2}$ E S 25 B T

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, yellow pine, oak, fir, spruce, juniper and aspen.

Undergrowth, manzanita, mountain mahogany and locust.

North, bet. secs. 25 and 30.

Over nearly level land, through dense timber.

4.70 Rim road, bears S.77°E. and N.77°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	
S 25	S 30
1937	

from which

A pine, 12 ins. diam., bears N.74°E., 112 lks. dist.
mkd. $\frac{1}{4}$ S 30 B T

A pine, 10 ins. diam., bears S.85°W., 64 lks. dist.
mkd. $\frac{1}{4}$ S 25 B T

60.00 Enter meadow.

62.00 Small drain, course SE.

66.50 Leave meadow and enter heavy timber, bears SE. and NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd.

T11N	
R13 $\frac{1}{2}$ E	R14E
S 24	S 19
S 25	S 30
1937	

from which

A pine, 6 ins. diam., bears N.51 $\frac{1}{2}$ °E., 70 lks. dist.
mkd. T 11 N R 14 E S 19 B T

West Boundary of T.11 N., R.14 E.

Chains

A pine, 6 ins. diam., bears S.36°E., 25 lks. dist.
mkd. T 11 N R 14 E S 30 B T

A pine, 8 ins. diam., bears S.35¼°W., 219 lks. dist.
mkd. T 11 N R 13½ E S 25 B T

A pine, 16 ins. diam., bears N.55½°W., 141 lks. dist.
mkd. T 11 N R 13½ E S 24 B T

Land, slightly rolling.
Soil, rocky clay, 3rd. rate.
Timber, yellow pine, oak and aspen.

North, bet. secs. 19 and 24.

Over slightly rolling land, through dense timber.

25.00 Divide of drainage bet. Salt River on S., and Little Colorado on the N., bears E. and W.

34.20 Enter meadow, bears W. and N.70°E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼
S 24 | S 19

1937

from which

A pine, 12 ins. diam., bears S.39°E., 145 lks. dist.
mkd. ¼ S 19 B T

A pine, 10 ins. diam., bears S.66½°W., 446 lks. dist.
mkd. ¼ S 24 B T

40.25 Willow springs Truck trail, bears N.70°E. and S.70°W.

47.90 Drain, course W.; leave meadow, enter heavy timber.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd.

T11N
R13½E | R14E
S 13 | S 18
S 24 | S 19

1937

from which

A pine, 8 ins. diam., bears N.56°E., 36 lks. dist.
mkd. T 11 N R 14 E S 18 B T

A pine, 10 ins. diam., bears S.40½°E., 101 lks. dist.
mkd. T 11 N R 14 E S 19 B T

A pine, 6 ins. diam., bears S.34°W., 20 lks. dist.
mkd. T 11 N R 13½ E S 24 B T

A pine, 10 ins. diam., bears N.30½°W., 96 lks. dist.
mkd. T 11 N R 13½ E S 13 B T

Land, gently rolling.
Soil, rocky clay, 3rd. rate.
Timber, pine, oak and aspen.

West Boundary of T.11 N., R.14 E.

BOOK 472

- Chains North, bet. secs. 13 and 18.
- Over gently rolling land, through dense timber.
- 5.00 Desc. 144 ft. over NW. slope.
- 12.65 Chevalon Creek, 20 lks. wide, 8 ins. deep, course NE.; asc. 37 ft. over SE. slope.
- 21.10 Point of spur, slopes E., 2 chs. to toe; desc. 36 ft.
- 24.00 Ravine, course E. $1\frac{1}{2}$ chs. to Chevalon Creek; asc. 200 ft. over SE. slope.
- 33.00 Rim rock, bears N.80°E. and S.80°W.; asc. slightly.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 13 | S 18
1937

from which

A pine, 6 ins. diam., bears N.77 $\frac{3}{4}$ °E., 32 lks. dist.
mkd. $\frac{1}{4}$ S 18 B T

A pine, 6 ins. diam., bears N.69 $\frac{3}{4}$ °W., 43 lks. dist.
mkd. $\frac{1}{4}$ S 13 B T

Over nearly level land.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

T11N
R13 $\frac{1}{2}$ E | R14E
S 12 | S 7
S 13 | S 18
1937

from which

A pine, 6 ins. diam., bears N.11°E., 73 lks. dist.
mkd. T 11 N R 14 E S 7 B T

A pine, 12 ins. diam., bears S.50°E., 54 lks. dist.
mkd. T 11 N R 14 E S 18 B T

A pine, 10 ins. diam., bears S.48 $\frac{1}{4}$ °W., 137 lks. dist.
mkd. T 11 N R 13 $\frac{1}{2}$ E S 13 B T

A pine, 6 ins. diam., bears N.35°W., 68 lks. dist.
mkd. T 11 N R 13 $\frac{1}{2}$ E S 12 B T

Land, S. $\frac{1}{2}$, mostly mountainous; N. $\frac{1}{2}$, nearly level.
Soil, rocky clay, 3rd. and 4th. rate.
Timber, pine, fir, spruce, oak, aspen and maple.
Undergrowth, alder and locust.

North, bet. secs. 7 and 12.

Over level land, through dense timber.

- 20.00 Desc. 190 ft. over N. slope.
- 25.90 Wash, 20 lks. wide, with intermittent stream, course E.

West Boundary of T.11 N., R.14 E.

Chains	Asc. 207 ft. over S. slope.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> $\begin{array}{c} \frac{1}{4} \\ \text{S } 12 \text{ } \text{S } 7 \\ 1937 \end{array}$ <p style="text-align: right;">from which</p> <p>A pine, 8 ins. diam., bears N. $61\frac{1}{2}^\circ$ E., 82 lks. dist. mkd. $\frac{1}{4}$ S 7 B T</p> <p>A pine, 10 ins. diam., bears S. $62\frac{1}{2}^\circ$ W., 135 lks. dist. mkd. $\frac{1}{4}$ S 12 B T</p> <p>Over nearly level land.</p>
70.00	Leave level land, and desc. 47 ft. over N. slope to
74.25	Ravine, course S. 80° E.; asc. 40 ft. over S. slope.
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 1, 6, 7 and 12; with brass cap mkd.</p> $\begin{array}{c} \text{T11N} \\ \text{R } 13\frac{1}{2} \text{ E } \text{R } 14 \text{ E} \\ \text{S } 1 \text{ } \text{S } 6 \\ \hline \text{S } 12 \text{ } \text{S } 7 \\ 1937 \end{array}$ <p style="text-align: right;">from which</p> <p>A pine, 6 ins. diam., bears N. $52\frac{3}{4}^\circ$ E., 32 lks. dist. mkd. T 11 N R 14 E S 6 B T</p> <p>A pine, 8 ins. diam., bears S. $19\frac{3}{4}^\circ$ E., 60 lks. dist. mkd. T 11 N R 14 E S 7 B T</p> <p>A pine, 6 ins. diam., bears S. 62° W., 139 lks. dist. mkd. T 11 N R $13\frac{1}{2}$ E S 12 B T</p> <p>A pine, 8 ins. diam., bears N. $29\frac{1}{2}^\circ$ W., 196 lks. dist. mkd. T 11 N R $13\frac{1}{2}$ E S 1 B T</p> <p>Land, level to mountainous. Soil, rocky clay, 3rd. and 4th. rate. Timber, pine, fir, spruce, oak and aspen.</p>
North, bet. secs. 1 and 6.	
Over nearly level land, through dense timber.	
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> $\begin{array}{c} \frac{1}{4} \\ \text{S } 1 \text{ } \text{S } 6 \\ 1937 \end{array}$ <p style="text-align: right;">from which</p> <p>A pine, 8 ins. diam., bears S. $15\frac{1}{4}^\circ$ E., 56 lks. dist. mkd. $\frac{1}{4}$ S 6 B T</p>

West Boundary of T.11 N., R.14 E. BOOK 417

Chains A pine, 8 ins. diam., bears N.22½°W., 73 lks. dist.
mkd. ¼ S 1 B T

49.00 Leave level land, and desc. 420 ft. over N. slope.

56.04 Wash, 40 lks. wide, course E.; asc. 424 ft. over steep
S. slope.

70.60 Top of ascent.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the
ground to bedrock, and in a mound of stone to top, for
cor. of Ts.11 and 12 N., Rs.13½ and 14 E., with brass cap
mkd.

T12N	
R13½E	R14E
S 36	S 31

S 1	S 6
T11N	
1937	

from which

A pine, 14 ins. diam., bears N.46°E., 36 lks. dist.
mkd. T 12 N R 14 E S 31 B T

A pine, 12 ins. diam., bears S.26°E., 42 lks. dist.
mkd. T 11 N R 14 E S 6 B T

A pine, 12 ins. diam., bears S.22½°W., 132 lks. dist.
mkd. T 11 N R 13½ E S 1 B T

A pine, 10 ins. diam., bears N.26½°W., 48 lks. dist.
mkd. T 12 N R 13½ E S 36 B T

Land, S. 49 chs., nearly level, balance mountainous.
Soil, rocky clay, 3rd. rate.
Timber; yellow pine, fir, oak, spruce and aspen.

South Boundary of T.12 N., R.14 E.

From the cor. of Ts.11 and 12 N., Rs.14 and 15 E.,

West, on a random line bet. Ts.11 and 12 N., through R.14
E., setting temp. ¼ sec. and sec. cors. at intervals of
40.00 and 80.00 chs., until at

479.76 A point 28 lks. S. of the cor. of Ts.11 and 12 N., Rs.13½
and 14 E., described above.

Thence

S.89°58'E., on a true line bet. secs. 6 and 31.

Over nearly level land, through heavy timber.

22.00 Desc. 467 ft. over steep E. slope.

39.76 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground to bedrock, and in a mound of stone to top, for
¼ sec. cor. with brass cap mkd.

S 31
¼

S 6
1937

from which

An oak, 6 ins. diam., bears N.35°E., lks. dist.

BOOK 4172

South Boundary of T.12 N., R.14 E.

- Chains mkd. $\frac{1}{4}$ S 31 B T
- A yellow pine, 6 ins. diam., bears S. 33° W., ___ lks.
dist., mkd. $\frac{1}{4}$ S 6 B T
- Continue descent 117 ft. over E. slope.
- 46.60 Enter bed of Chevalon Canyon.
- 52.40 Channel in bed of canyon, 1 ch. wide, 6 ft. deep, course N.; asc. 470 ft. over steep NW. slope to
- 68.80 Drain, course NW.; continue ascent 87 ft. to
- 75.00 Top of ascent.
- 79.76 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T12N	R14E
S 31	S 32
S 6	S 5
T11N	
1937	

from which

A yellow pine, 6 ins. diam., bears N. 26° E., 34 lks.
dist., mkd. T 12 N R 14 E S 32 B T

A yellow pine, 8 ins. diam., bears S. 33° E., 46 lks.
dist., mkd. T 11 N R 14 E S 5 B T

A yellow pine, 6 ins. diam., bears S. 79° W., 59 lks.
dist., mkd. T 11 N R 14 E S 6 B T

A yellow pine, 8 ins. diam., bears N. 12° W., 73 lks.
dist., mkd. T 12 N R 14 E S 31 B T

Land, level to mountainous.
Soil, rocky clay, 3rd. and 4th. rate.
Timber, yellow pine, fir, spruce, aspen and oak.

S. $89^{\circ}58'$ E., on a true line bet. secs. 5 and 32.

Over nearly level land, through dense timber.

- 14.00 Horse Trap Canyon truck trail, bears N. and S.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	S 32

	S 5
	1937

from which

A yellow pine, 8 ins. diam., bears S. 39° W., 12 lks.
dist., mkd. $\frac{1}{4}$ S 5 B T

A yellow pine, 10 ins. diam., bears N. 44° W., 66 lks.
dist., mkd. $\frac{1}{4}$ S 32 B T

- 61.00 Desc. 270 ft. over E. slope.
- 71.00 Horse Trap Canyon, 1 ch. wide, course N. 20° E.; asc. 260 ft. over W. slope.

South Boundary of T. 12 N., R. 14 E.

BOOK 472

Chains.

76.00 Asc. 23 ft. over gentle W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 24 ins. high, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.

T12N	R14E
S 32	S 33
S 5	S 4
T11N	
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ E.,
31 lks. dist., mkd. T 12 N R 14 E S 33 BT.

A Yellow Pine, 6 ins. diam., bears S. 46° E.,
29 lks. dist., mkd. T 11 N R 14 E S 4 BT.

A Yellow Pine, 6 ins. diam., bears S. 28° W.,
62 lks. dist., mkd. T 11 N R 14 E S 5 BT.

A Yellow Pine, 30 ins. diam., bears N. 32° W.,
80 lks. dist., mkd. T 12 N R 14 E S 32 BT.

Land, nearly level to mountainous.
Soil, rocky clay, 3rd and 4th rate.
Timber, Yellow Pine, Fir, Spruce and Oak; undergrowth,
fairly dense 2nd growth of same.

S. $89^{\circ} 58'$ E., on true line between secs. 4 and 33.

Over nearly level land, through dense timber.

17.00 Desc. 264 ft. over NE. slope.

25.00 Desc. 114 ft. over very steep E. slope.

27.30 Horse Trap Canyon, 120 lks. wide, course N.

28.50 Asc. 160 ft. over steep NW. slope.

33.15 Asc. 137 ft. over very steep W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 33
S 4
1937

from which

A Yellow Pine, 6 ins. diam., bears N. 27° W.,
66 lks. dist., mkd. $\frac{1}{4}$ S 33 BT.

A Yellow Pine, 6 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ W.,
56 lks. dist., mkd. $\frac{1}{4}$ S 4 BT.

Asc. 119 ft. over W. slope.

49.00 Top of slope, thence along NE. slope.

71.90 Larsen Canyon truck trail bears SE. to Heber--Young Highway, and NW.

BOOK 4172

South Boundary of T. 12 N., R. 14 E.

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. diam.; 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 28 ins. high, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T12N	R14E
S 33	S 34
S 4	S 3
T11N	
1937	

from which

A Yellow Pine, 8 ins. diam., bears N. 37° E., 136 lks. dist., mkd. T 12 N R 14 E S 34 BT.

A Yellow Pine, 8 ins. diam., bears S. 45½° E., 149 lks. dist., mkd. T 11 N R 14 E S 3 BT.

A Yellow Pine, 6 ins. diam., bears S. 34° W., 22 lks. dist., mkd. T 11 N R 14 E S 4 BT.

A Yellow Pine, 6 ins. diam., bears N. 33½° W., 28 lks. dist., mkd. T 12 N R 14 E S 33 BT.

Land, rugged, choppy, NE. drainage.
Soil, rocky clay, 3rd and 4th rate.
Timber, Yellow Pine, Oak, Spruce, Fir and Aspen; undergrowth, 2nd growth Pine and Oak.

S. 89° 58' E., on true line between secs. 3 and 34.

Along a NE. slope, through heavy timber.

9.10 Drain, 5 lks. wide, course NE.; asc. 57 ft. over SW. slope.

15.60 Spur slopes NE.

18.00 Desc. 153 ft. over SE. slope.

35.40 Wash, 10 lks. wide, course N. 60° E.; asc. 48 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

¼ S 34
S 3

from which

A Yellow Pine, 7 ins. diam., bears N. 39½° E., 62 lks. dist., mkd. ¼ S 34 BT.

A Yellow Pine, 6 ins. diam., bears S. 6½° E., 70 lks. dist., mkd. ¼ S 3 BT.

42.00 Top of spur slopes NE.; desc. 162 ft. over E. slope.

54.20 Long Tom Canyon, 15 lks. wide, course N.; asc. 154 ft. over broken NW. slope.

67.90 Top of slope.

76.00 Enter dense undergrowth.

South Boundary of T. 12 N., R. 14 E.

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T12N	R14E
S 34	S 35
S 3	S 2
T11N	
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. 48° E., 90 lks. dist., mkd. T 12 N R 14 E S 35 BT.

A Yellow Pine, 6 ins. diam., bears S. 5° E., 62 lks. dist., mkd. T 11 N R 14 E S 2 BT.

A Yellow Pine, 6 ins. diam., bears S. $47\frac{1}{2}^{\circ}$ W., 54 lks. dist., mkd. T 11 N R 14 E S 3 BT.

A Yellow Pine, 6 ins. diam., bears N. $32\frac{3}{4}^{\circ}$ W., 61 lks. dist., mkd. T 12 N R 14 E S 34 BT.

Land, choppy, NE. drainage.

Soil, rocky clay, 3rd and 4th rate.

Timber, dense Yellow Pine; undergrowth, very dense 2nd growth Pine.

S. $89^{\circ} 58'$ E., on true line between secs. 2 and 35.

Desc. 76 ft. over E. slope, through heavy timber.

5.50 Wash, 15 lks. wide, course N.; asc. 82 ft. over W. slope.

10.30 Top of slope; spur slopes NE.

19.60 A 6 strand smooth wire fence bears NE. and SW.

20.00 Desc. 127 ft. over E. slope.

32.50 Enter canyon meadow, bears N. and SW.; a wire fence, 2 strands barbed 4 strands smooth, bears SW. and N. $1\frac{1}{2}$ chs., NW. 3 chs., thence SW.

35.00 Gully, 15 lks. wide, course N. 13° E.

35.36 Intersect line 4-5 HES No. 191 at a point from which cor. No. 5 bears N. $12^{\circ} 53'$ W., 2.56 chs. dist.; a limestone $10 \times 9 \times 8$ ins. above ground, firmly set, with mound of stone to SE., mkd. and witnessed as described in the official record.

37.20 From this point, Wilbur Ranch buildings bears S. 13° E., approx. 30 chs. dist.

39.30 Leave meadow and enter dense willow thicket bears N. 13° E. and S. 13° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 35	
S 2	
1937	

from which

South Boundary of T. 12 N., R. 14 E.

Chains.	A Yellow Pine, 6 ins. diam., bears N. $82\frac{3}{4}^{\circ}$ E., 159 lks. dist., mkd. $\frac{1}{4}$ S 35 BT.										
	A Yellow Pine, 6 ins. diam.; bears S. 65° E., 22 lks. dist., mkd. $\frac{1}{4}$ S 2 BT.										
40.20	Gully, 15 lks. wide, course N., with a stream of water, 3 lks. wide, 1 in. deep, a tributary of Long Tom Canyon.										
40.80	Leave willow thicket, enter meadow bearing N. and S.										
40.90	Long Tom truck trail, bears S. to Wilbur Ranch and Heber--Young Highway, and N.; an old log corral bears N. approx. 5 chs. dist.										
44.00	From this point, Wilbur Ranch buildings bears S. approx. 30 chs. dist.; leave canyon meadow bearing N. 13° E., and S. 13° W.; asc. 170 ft. over gradual NW. slope.										
44.08.	A wire fence, 4 barbed and 2 smooth strands, bears N. and S.										
44.36.	Intersect line 6-1 HES No. 191 at a point from which cor. No. 6 bears N. $13^{\circ} 23'$ W., 2.59 chs. dist.; a limestone, 24x12x6 ins. above ground, firmly set, with mound of stone to SW., mkd. and witnessed as described in the official record.										
60.15	Forest Service telephone line bears SW. and NE.										
75.00	Ridge, bears N. and S.										
77.00	Long Tom branch of Nelson Tank road bears S. 10° W. to Long Tom truck trail, and N. to Nelson Tank road.										
80.00.	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>T12N</td> <td>R14E</td> </tr> <tr> <td>S 35</td> <td>S 36</td> </tr> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td colspan="2" style="text-align: center;">T11N</td> </tr> <tr> <td colspan="2" style="text-align: center;">1937</td> </tr> </tbody> </table>	T12N	R14E	S 35	S 36	S 2	S 1	T11N		1937	
T12N	R14E										
S 35	S 36										
S 2	S 1										
T11N											
1937											
	from which										
	A Yellow Pine, 20 ins. diam., bears N. 37° E., 158 lks. dist., mkd. T 12 N R 14 E S 36 BT.										
	A Yellow Pine, 12 ins. diam., bears S. $25\frac{1}{2}^{\circ}$ E., 44 lks. dist., mkd. T 11 N R 14 E S 1 BT.										
	A Yellow Pine, 10 ins. diam., bears S. $70\frac{1}{2}^{\circ}$ W., 104 lks. dist., mkd. T 11 N R 14 E S 2 BT.										
	A Yellow Pine, 14 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ W., 162 lks. dist., mkd. T 12 N R 14 E S 35 BT.										
	Land, choppy, N. drainage. Soil, rocky clay, 3rd and 4th rate. Timber, dense Yellow Pine, scattered Oak; undergrowth, scattered 2nd growth Pine.										
	S. $89^{\circ} 58'$ E., on true line between secs. 1 and 36. Over nearly level land, through heavy timber.										
6.00	Desc. 80 ft. over E. slope.										

South Boundary of T. 12 N., R. 14 E.

BOOK 672

Chains.

- 13.30 Ravine, 10 lks. wide, course N. 30° E.; asc. 100 ft. over W. slope.
- 25.00 Top of slope.
- 31.40 Nelson Tank truck trail bears S. 10° W. to Long Tom Road and N. 10° E. to Nelson Tank Road.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 36 \\ S 1 \\ 1937 \end{array}$$

from which

A Yellow Pine; 10 ins. diam., bears N. $\frac{1}{2}$ ° E., 227 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.

A Yellow Pine; 6 ins. diam., bears S. 31° W., 25 lks. dist., mkd. $\frac{1}{4}$ S 1 BT.

- 48:00 Drain, 5 lks. wide; course NE.
- 80.00 Intersect the cor. of Ts. 11 and 12 N., Rs. 14 and 15 E., hereinbefore described.

Land, nearly level, NE. drainage.
Soil, rocky clay, 3rd and 4th rate.
Timber, dense Yellow Pine, scattered Oak; undergrowth, scattered 2nd growth Pine.

East Boundary of T. 12 N., R. 14 E.

From the cor. of Ts. 11 and 12 N., Rs. 14 and 15 E.

North, between secs. 31 and 36.

Over slightly rolling land, through Yellow Pine timber.

- 6.70 Drain, course N. 80° E.
- 27.20 Desc. 153 ft. over NE. slope.
- 36.90 Fork of St. Joe Canyon, 15 lks. wide, course N. 80° E.; asc. 46 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$S 36 \begin{array}{l} \uparrow \\ S 31 \\ 1937 \end{array}$$

from which

A Yellow Pine, 18 ins. diam., bears S. 24 $\frac{1}{2}$ ° E., 83 lks. dist., mkd. $\frac{1}{4}$ S 31 BT.

A Yellow Pine, 10 ins. diam., bears S. 47° W.; 109 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.

Asc. 82 ft. over SW. slope.

- 49.25 Spur slopes NE. Desc.
- 62.75 E. Fork of Long Tom--Nelson Tank truck trail bears SW. to Heber--Young Highway, and NE. to Nelson Tank Road.

East Boundary of T. 12 N., R. 14 E.

Chains.
72.75 Desc. gradual NW. slope 23 ft.
77.00 Drain, course NW.; thence over slightly rolling land.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T12N.	
R14E.	R15E.
S 25	S 30
S 36	S 31
1937	

from which

A Yellow Pine, 26 ins. diam., bears N. $66\frac{1}{4}^{\circ}$ E.,
40 lks. dist., mkd. T 12 N R 15 E S 30 BT.

A Yellow Pine, 24 ins. diam., bears S. $23\frac{1}{4}^{\circ}$ E.,
57 lks. dist., mkd. T 12 N R 15 E S 31 BT.

A Yellow Pine, 10 ins. diam., bears S. $67\frac{1}{2}^{\circ}$ W.,
116 lks. dist., mkd. T 12 N R 14 E S 36 BT.

A Yellow Pine, 10 ins. diam., bears N. $11\frac{1}{4}^{\circ}$ W.,
94 lks. dist., mkd. T 12 N R 14 E S 25 BT.

Land, slightly rolling, NE. drainage.
Soil, rocky clay, 3rd and 4th rate.
Timber, fairly dense Yellow Pine; undergrowth, very scattered 2nd growth Pine.

North, between secs. 25 and 30.

Over slightly rolling land, through heavy timber.

27.30 Desc. 84 ft. over gradual NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 25	S 30
1937	

from which

A Yellow Pine, 6 ins. diam., bears S. 73° E.,
15 lks. dist., mkd. $\frac{1}{4}$ S 30 BT.

A Yellow Pine, 8 ins. diam., bears S. $17\frac{1}{2}^{\circ}$ W.,
84 lks. dist., mkd. $\frac{1}{4}$ S 25 BT.

Desc. 142 ft. over gradual NW. slope

51.67 Wash, fork of Wildcat Canyon, 30 lks. wide, course E. for approx. 3 chs., thence NE.; asc. 145 ft. over SE. slope.

64.75 Spur slopes NE. Desc.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd.

East Boundary of T. 12 N., R. 14 E.

BOOK 4172

Chains.

T12N	
R14E	R15E
S. 24	S. 19
S 25	S 30

1937

from which

A Yellow Pine, 20 ins. diam., bears N. $29\frac{1}{2}^{\circ}$ E.,
143 lks. dist., mkd. T 12 N R 15 E S 19 BT.

A Yellow Pine, 40 ins. diam., bears S. 69° E.,
55 lks. dist., mkd. T 12 N R 15 E S 30 BT.

A Yellow Pine, 10 ins. diam., bears S. $60\frac{1}{2}^{\circ}$ W.,
96 lks. dist., mkd. T 12 N R 14 E S 25 BT.

A Yellow Pine, 22 ins. diam., bears N. 44° W.,
72 lks. dist., mkd. T 12 N R 14 E S 24 BT.

Land, choppy, NE. drainage.
Soil, rocky clay, 3rd and 4th rate.
Timber, dense Yellow Pine, scattered Oak and Juniper;
undergrowth, scattered 2nd growth Pine.

North, between secs. 19 and 24.

Across NE. slope of spur, through dense Yellow Pine.

10.00 Desc. 198 ft. over gradual NW. slope.

23.70 Wash, 15 lks. wide, course N. 60° E.; asc. 112 ft. over SE. slope.

34.00 Spur slopes NE.

37.00 Desc. 18 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 24	S 19
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. $38\frac{3}{4}^{\circ}$ E.,
101 lks. dist., mkd. $\frac{1}{4}$ S 19 BT.

A Yellow Pine, 20 ins. diam., bears S. $46\frac{3}{4}^{\circ}$ W.,
57 lks. dist., mkd. $\frac{1}{4}$ S 24 BT.

Desc. 87 ft. over NE. slope.

44.40 Wash, 20 lks. wide; course S. 70° E.; asc. 113 ft. over SW. slope.

60.00 Spur slopes NE.; thence along top of same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd.

T12N	
R14E	R15E
S 13	S 18
S 24	S 19
1937	

East Boundary of T. 12 N., R. 14 E.

Chains. from which

A Juniper, 40 ins. diam., bears N. $40\frac{1}{2}^{\circ}$ E.,
191 lks. dist., mkd. T 12 N R 15 E S 18 BT.

A Juniper, 6 ins. diam., bears S. $65\frac{3}{4}^{\circ}$ E.,
130 lks. dist., mkd. T 12 N R 15 E S 19 BT.

A Yellow Pine, 6 ins. diam., bears S. 54° W.,
154 lks. dist., mkd. T 12 N R 14 E S 24 BT.

A Yellow Pine, 8 ins. diam., bears N. $60\frac{3}{4}^{\circ}$ W.,
105 lks. dist., mkd. T 12 N R 14 E S 13 BT.

Land, choppy, NE. drainage.

Soil, rocky clay, 3rd and 4th rate.

Timber, dense Yellow Pine, scattered Juniper and Oak;
undergrowth, very scattered 2nd growth Pine.

North, between secs. 13 and 18.

Over nearly level land, through heavy timber.

30.00 Drain, course N. 20° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 13 | S 18
1937

from which

An Oak, 6 ins. diam., bears N. 29° E.,
96 lks. dist., mkd. $\frac{1}{4}$ S 18 BT.

An Oak, 10 ins. diam., bears N. 50° W.,
90 lks. dist., mkd. $\frac{1}{4}$ S 13 BT.

65.00 Desc. 129 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground, for cor. of secs. 7, 12, 13 and 18, with
brass cap mkd.

T12N
R14E | R15E
S 12 | S 7
S 13 | S 18
1937.

from which

An Oak, 30 ins. diam., bears N. $45\frac{1}{4}^{\circ}$ E.,
150 lks. dist., mkd. T 12 N R 15 E S 7 BT.

An Oak, 8 ins. diam., bears S. 64° E.,
112 lks. dist., mkd. T 12 N R 15 E S 18 BT.

A Yellow Pine, 36 ins. diam., bears S. $27\frac{1}{2}^{\circ}$ W.,
87 lks. dist., mkd. T 12 N R 14 E S 13 BT.

An Oak, 8 ins. diam., bears N. $26\frac{1}{2}^{\circ}$ W.,
70 lks. dist., mkd. T 12 N R 14 E S 12 BT.

Land, nearly level, NE. drainage.

Soil, rocky clay, 3rd and 4th rate.

Timber, dense Yellow Pine, scattered Oak and Juniper;
undergrowth, very scattered 2nd growth Pine.

East Boundary of T. 12 N., R. 14 E.

- Chains. North, between secs. 7 and 12.
- Desc. 14 ft. over NW. slope, through heavy timber.
- 0.70 Confluence of two washes, 15 lks. wide, course NE. from W. and SW.; asc. 37 ft. over E. slope,
- 21.90 Flat spur slopes E.; desc. NE. slope 79 ft.
- 33.60 Wash, 5 lks. wide, course NE.; asc. 34 ft. over SE. slope.
- 38.00 Spur slopes NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S\ 12\ | \ S\ 7 \\ 1937 \end{array}$$

from which

A Yellow Pine, 6 ins. diam., bears S. $64\frac{1}{4}^{\circ}$ E.,
18 lks. dist., mkd. $\frac{1}{4}$ S 7 BT.

An Oak, 6 ins. diam., bears S. $88\frac{1}{2}^{\circ}$ W.,
141 lks. dist., mkd. $\frac{1}{4}$ S 12 BT.

- 49.50 Desc. 61 ft. over gradual NE. slope.
- 61.50 Drain, course E.
- 64.25 Desc. 52 ft. over NW. slope.
- 72.55 Truck trail bears S. 70° E. to E. Fork Long Tom truck trail, and W. to Long Tom truck trail.
- 76.80 A blazed trail bears E. and W.
- 76.90 Forest Service telephone line bears S. 70° E., and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone to top, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

$$\begin{array}{c} T12N \\ R14E\ | \ R15E \\ S\ 1\ | \ S\ 6 \\ \hline S\ 12\ | \ S\ 7 \\ 1937 \end{array}$$

from which

A Yellow Pine, 16 ins. diam., bears N. $69\frac{1}{2}^{\circ}$ E.,
147 lks. dist., mkd. T 12 N R 15 E S 6 BT.

A Yellow Pine, 36 ins. diam., bears S. $65\frac{1}{4}^{\circ}$ E.,
106 lks. dist., mkd. T 12 N R 15 E S 7 BT.

A Yellow Pine, 36 ins. diam., bears S. 45° W.,
134 lks. dist., mkd. T 12 N R 14 E S 12 BT.

A Yellow Pine, 12 ins. diam., bears N. $25\frac{1}{4}^{\circ}$ W.,
93 lks. dist., mkd. T 12 N R 14 E S 1 BT.

Land, slightly rolling, NE. drainage. Soil, rocky clay,
3rd and 4th rate. Timber, Dense Yellow Pine, scattered
Oak and Juniper; undergrowth, scattered 2nd growth Pine.

East Boundary of T. 12 N., R. 14 E.

Chains.	North, between secs. 1 and 6.
	Desc. gradual NW. slope, through heavy timber.
4.90	Canyon meadow bears N. 60° E. to Wildcat Canyon, and S. 60° W.
8.60	Wash, 20 lks. wide, course N. 60° E.
13.40	Leave canyon meadow; asc. 64 ft. over SW. slope; thence over rolling land.
23.70	Desc. 27 ft. over NE. slope.
30.00	Drain, course E.; asc. 51 ft. over SW. slope.
38.00	Ridge bears NE. and SW.; thence across top of same.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$S \ 1 \ \Big \ S \ 6$ 1937
	from which
	A Juniper, 6 ins. diam., bears S. 80 $\frac{1}{2}$ ° E., 75 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.
	A Yellow Pine, 14 ins. diam., bears N. 82 $\frac{1}{2}$ ° W., 52 lks. dist., mkd. $\frac{1}{4}$ S 1 BT.
44.30	Desc. 51 ft. over NE. slope.
50.00	Drain, course NE.; asc. 29 ft. over SW. slope.
67.10	Desc. 30 ft. over N. slope.
72.00	Drain, course E.; asc. 34 ft. over S. slope; thence over nearly level land.
80.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone to top, for cor. of lots 1 and 8, sec. 1; and lots 4 and 5, sec. 6, with brass cap mkd.
	$S \ 1 \ \Big \ \begin{array}{c} 1 \ 4 \\ 8 \ 5 \end{array} \ S \ 6$ 1937
	No bearing trees available.
93.50	Intersect the Third Standard Parallel North.
	Set an iron post, 3 ft. long, 3 ins. diam., 25 ins. in the ground, in a mound of stone to top, for closing cor. of T. 12 N., Rs. 14 and 15 E., with brass cap mkd.
	$\begin{array}{c} T13N \ R15E \\ S \ 31 \\ \hline S \ 1 \ \ S \ 6 \\ R14E \ \ R15E \\ T12N \\ CC \\ 1937 \end{array}$
	from which

East Boundary of T. 12 N., R. 14 E.

Chains.

A Yellow Pine, 12 ins. diam., bears S. $49\frac{1}{2}^{\circ}$ E.,
117 lks. dist., mkd. T 12 N R 15 E S 6 CC BT.

A double Oak, 10 ins. diam., bears S. $70\frac{1}{2}^{\circ}$ W.,
66 lks. dist., mkd. T 12 N R 14 E S 1 CC BT.

From point of intersection the standard $\frac{1}{4}$ sec. cor.,
S. bdy. sec. 31, T. 13 N., R. 15 E., hereinbefore desc-
ribed, bears N. $89^{\circ} 57'$ W., 10.35 chs. dist.

From the same point the standard cor. of secs. 31 and
32, T. 13 N., R. 15 E., hereinbefore described, bears
S. $89^{\circ} 57'$ E., 29.70 chs. dist.

Land, rolling, NE. drainage.
Soil, rocky clay, 3rd and 4th rate.
Timber, dense Yellow Pine, scattered Oak and Juniper;
undergrowth, scattered 2nd growth Pine.

South Boundary of Frac. T. 12 N., R. $13\frac{1}{2}$ E.

From cor. of Ts. 11 and 12 N., Rs. $13\frac{1}{2}$ and 14 E., here-
inbefore described.

West, on a random line along the S. bdy. of frac. T.
12 N., R. $13\frac{1}{2}$ E., setting $\frac{1}{4}$ sec. and sec. cors. at in-
tervals of 40.00 and 80.00 chs.

127.72

A point 22 lks. S. of cor. of Ts. 11 and 12 N., R. 13 E.,
and frac. Ts. 11 and 12 N., R. $13\frac{1}{2}$ E.; an iron post,
3 ins. diam., 22 ins. above ground, firmly set in a
mound of stone to top, mkd. and witnessed as described
in the official record.

Thence

S. $89^{\circ} 54'$ E., on true line between frac. secs.
2 and 35.

Over nearly level land, through dense Yellow Pine timber.

7.72

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to bedrock, in a mound of stone, 3 ft. base,
16 ins. high, for $\frac{1}{4}$ sec. cor. of secs. 2 and 35, with
brass cap mkd.

$$\frac{\frac{1}{4} S 35}{S 2}$$

1937

from which

An Oak, 6 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ E.,
88 lks. dist., mkd. $\frac{1}{4}$ S 35 BT.

A Yellow Pine, 6 ins. diam., bears South,
37 lks. dist., mkd. $\frac{1}{4}$ S 2 BT.

24.70

Desc. 87 ft. over SE. slope.

34.30

Wash, 15 lks. wide, course NE.; asc. gradual NW. slope
51 ft.

42.70

Top of slope.

47.72

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
the ground to bedrock, in a mound of stone 5 ft. base,
26 ins. high, for cor. of secs. 1, 2, 35 and 36, with
brass cap mkd.

South Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

Chains.

T12N R13 $\frac{1}{2}$ E	
S 35	S 36
S 2	S 1
T11N	
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. 48 $\frac{3}{4}$ ° E.,
77 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 36 BT.

A Yellow Pine, 6 ins. diam., bears S. 15 $\frac{1}{2}$ ° E.,
44 lks. dist., mkd. T 11 N R 13 $\frac{1}{2}$ E S 1 BT.

A Yellow Pine, 6 ins. diam., bears S. 42 $\frac{1}{4}$ ° W.,
67 lks. dist., mkd. T 11 N R 13 $\frac{1}{2}$ E S 2 BT.

A Yellow Pine, 20 ins. diam., bears N. 56 $\frac{1}{2}$ ° W.,
30 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 35 BT.

Land, slightly rolling, NE. drainage.

Soil, rocky clay, 3rd and 4th rate.

Timber, dense Yellow Pine, scattered Oak; undergrowth,
dense 2nd growth Pine.

S. 89° 54' E., on true line between secs. 1 and 36.

Over nearly level land, through dense Yellow Pine.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground, in a mound of stone, 3 ft. base, 12 ins.
high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 36
S 1
1937

from which

A Yellow Pine, 6 ins. diam., bears N. 11 $\frac{1}{4}$ ° W.,
105 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.

A Yellow Pine, 10 ins. diam., bears S. 8° E.,
71 lks. dist., mkd. $\frac{1}{4}$ S 1 BT.

50.60

Deer Lake Canyon truck trail bears NE. and SW.

80.00

Intersect cor. of frac. Ts. 11 and 12 N., R. 13 $\frac{1}{2}$ E.,
and Ts. 11 and 12 N., R. 14 E., hereinbefore described.

Land, nearly level, NE. drainage.

Soil, rocky clay, 3rd and 4th rate.

Timber, dense Yellow Pine, scattered Oak; undergrowth,
scattered 2nd growth Pine.

East Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

From the cor. of frac. Ts. 11 and 12 N., R. 13 $\frac{1}{2}$ E.,
and Ts. 11 and 12 N., R. 14 E.

North, between secs. 31 and 36. through heavy timber.

Over level land.

11.30

Deer Lake Canyon truck trail bears NE. and SW.

20.00

Desc. 19 ft. over gentle N. slope.

24.00

Slope changes to steep NE., desc. 293 ft. through

East. Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

BOOK 472

Chains.	dense timber.
34.60	Deer Lake Canyon, 30 lks. wide, course E.; asc. 117 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 36 \text{ S } 31 \\ 1937 \end{array}$
	from which
	A Fir, 16 ins. diam., bears N. 39° E., 29 lks. dist., mkd. $\frac{1}{4}$ S 31 BT.
	A Spruce, 6 ins. diam., bears N. 64 $\frac{1}{2}$ ° W., 62 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.
	Asc. 181 ft. over SW. slope.
50.00	Spur slopes NE.; thence across top of same.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap mkd.
	$\begin{array}{c} \text{T12N} \\ \text{R13}\frac{1}{2}\text{E} \text{ } \text{R14E} \\ \text{S } 25 \text{ S } 30 \\ \text{S } 36 \text{ S } 31 \\ 1937 \end{array}$
	from which
	A Yellow Pine, 8 ins. diam., bears N. 81 $\frac{1}{2}$ ° E., 66 lks. dist., mkd. T 12 N R 14 E S 30 BT.
	A Yellow Pine, 6 ins. diam., bears S. 27° E., 15 lks. dist., mkd. T 12 N R 14 E S 31 BT.
	A Yellow Pine, 6 ins. diam., bears S. 51 $\frac{1}{4}$ ° W., 43 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 36 BT.
	A Yellow Pine, 6 ins. diam., bears N. 49 $\frac{3}{4}$ ° W., 18 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 25 BT.
	Land, nearly level, E. drainage. Soil, rocky clay, 3rd and 4th rate. Timber; Yellow Pine, Fir, Spruce and Oak; undergrowth, 2nd growth Pine and Oak brush.
	North, between secs. 25 and 30.
	Crossing Chevalon Ridge, through Yellow Pine timber.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 25 \text{ S } 30 \\ 1937 \end{array}$
	from which
	An Oak, 6 ins. diam., bears N. 27° E., 40 lks. dist., mkd. $\frac{1}{4}$ S 30 BT.

East. Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

Chains.	An Oak, 8 ins. diam., bears S. 79 $\frac{1}{2}$ ° W., 16 lks. dist., mkd. $\frac{1}{4}$ S 25 BT.										
	Drain, course E.										
74.00	Crest of Chevalon Ridge, and Chevalon truck trail bears E. and W.										
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd.										
	<table border="1"> <tr><td colspan="2">T12N</td></tr> <tr><td>R13$\frac{1}{2}$E</td><td>R14E</td></tr> <tr><td>S. 24</td><td>S. 19</td></tr> <tr><td>S 25</td><td>S 30</td></tr> <tr><td colspan="2">1937</td></tr> </table>	T12N		R13 $\frac{1}{2}$ E	R14E	S. 24	S. 19	S 25	S 30	1937	
T12N											
R13 $\frac{1}{2}$ E	R14E										
S. 24	S. 19										
S 25	S 30										
1937											
	from which										
	A Yellow Pine, 6 ins. diam., bears N. 58 $\frac{1}{4}$ ° E., 42 lks. dist., mkd. T 12 N R 14 E S 19 BT.										
	A Yellow Pine, 24 ins. diam., bears S. 17 $\frac{1}{4}$ ° E., 31 lks. dist., mkd. T 12 N R 14 E S 30 BT.										
	A Yellow Pine, 6 ins. diam., bears S. 38 $\frac{1}{4}$ ° W., 49 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 25 BT.										
	A Yellow Pine, 6 ins. diam., bears N. 80 $\frac{3}{4}$ ° W., 76 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 24 BT.										
	Land, level. Soil, rocky clay, 3rd and 4th rate. Timber, Yellow Pine, scattered Oak; undergrowth, very dense 2nd growth Pine.										
	North, between secs. 19 and 24.										
	Over level land, through dense 2nd growth Pine.										
15.00	Desc. 19 ft. over gentle N. slope.										
19.30	Drain, course NE.										
33.00	Desc. 41 ft. over NW. slope.										
36.60	Drain, course NE.; asc. 28 ft. over SE. slope; thence over level land.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.										
	<table border="1"> <tr><td colspan="2">$\frac{1}{4}$</td></tr> <tr><td>S 24</td><td>S 19</td></tr> <tr><td colspan="2">1937</td></tr> </table>	$\frac{1}{4}$		S 24	S 19	1937					
$\frac{1}{4}$											
S 24	S 19										
1937											
	from which										
	A Yellow Pine, 6 ins. diam., bears N. 56 $\frac{3}{4}$ ° E., 85 lks. dist., mkd. $\frac{1}{4}$ S 19 BT.										
	A Yellow Pine, 6 ins. diam., bears N. 35° W., 34 lks. dist., mkd. $\frac{1}{4}$ S 24 BT.										
63.90	Desc. 53 ft. over NW. slope.										
69.00	Drain, course N. 60° E.										

East Boundary of Frac. T 12 N., R. 13 $\frac{1}{2}$ E.

Chains.

- 71.00 Asc. 40. ft. over SE. slope.
 74.00 A low, narrow spur slopes E.
 77.00 Desc. 33 ft. over N. slope.
 79.50 A ravine, 5 lks. wide, course E.; asc. S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd.

T12N	
R13 $\frac{1}{2}$ E	R14E
S 13	S 18
S 24	S 19
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. 46 $\frac{1}{2}$ ° E.,
 122 lks. dist., mkd. T 12 N R 14 E S 18 BT.

A Yellow Pine, 24 ins. diam., bears S. 59° E.,
 98 lks. dist., mkd. T 12 N R 14 E S 19 BT.

A Yellow Pine, 6 ins. diam., bears S. 63 $\frac{1}{2}$ ° W.,
 66 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 24 BT.

A Yellow Pine, 6 ins. diam., bears N. 63 $\frac{1}{2}$ ° W.,
 91 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 13 BT.

Land, nearly level, NE. drainage.
 Soil, rocky clay, 3rd and 4th rate.
 Timber, Yellow Pine, scattered Oak; undergrowth, dense
 2nd growth Pine.

North, between secs. 13 and 18.

Asc. 29 ft. over S. slope; thence over nearly level
 land, through dense 2nd growth Pine.

- 3.00 Ridge bears NE. and SW.; divide, drainage W. to W. Chevalon Canyon, E. to Chevalon Canyon.
 12.50 Mormon Crossing road bears NE. and SW.
 17.00 Desc. 34 ft. over NE. slope.
 19.20 Nigger Canyon, 5 lks. wide, course NE.; asc. 34 ft. over SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 13 $\frac{1}{4}$	
S 13	S 18
1937	

from which

A Yellow Pine, 12 ins. diam., bears N. 43 $\frac{1}{4}$ ° E.,
 27 lks. dist., mkd. $\frac{1}{4}$ S 18 BT.

A Yellow Pine, 8 ins. diam., bears S. 84 $\frac{1}{2}$ ° W.,
 26 lks. dist., mkd. $\frac{1}{4}$ S 13 BT.

Desc. 97 ft. over N. slope.

East Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

Chains.
 54.30 Nigger Canyon, 10 lks. wide, course NW.; asc. 32 ft. over S. slope.
 56.60 Narrow spur slopes W.
 59.00 Desc. 34 ft. over N. slopes.
 68.00 Drain, course NW.
 69.60 Drain, course W.; asc. 52 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

T12N	
R13 $\frac{1}{2}$ E	R14E
S 12	S 7
S 13	S 18
1937	

from which

A Yellow Pine, ins. diam., bears N. 29° E.,
 98 lks. dist., mkd. T 12 N R 14 E S 7 BT.

A Yellow Pine, ins. diam., bears S. 7° E.,
 123 lks. dist., mkd. T 12 N R 14 E S 18 BT.

A Yellow Pine, ins. diam., bears S. 60 $\frac{1}{4}$ ° W.,
 97 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 13 BT.

A Yellow Pine, 16 ins. diam., bears N. 47 $\frac{3}{4}$ ° W.,
 87 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 12 BT.

Land, slightly rolling, NW. drainage.
 Soil, rocky clay, 3rd and 4th rate.
 Timber, Yellow Pine and scattered Oak; undergrowth,
 dense 2nd growth Pine.

North, between secs. 7 and 12.

Over level land, through Yellow Pine timber, and dense undergrowth.

30.00 Desc. 51 ft. over gentle NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 12	S 7
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. 77 $\frac{1}{2}$ ° E.,
 102 lks. dist., mkd. $\frac{1}{4}$ S 7 BT.

A Yellow Pine, 6 ins. diam., bears N. 40 $\frac{3}{4}$ ° W.,
 105 lks. dist., mkd. $\frac{1}{4}$ S 12 BT.

Desc. 23 ft. over gentle NW. slope.

44.40 Drain, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in

East Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E. BOOK 418

Chains. the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

T12N	
R13 $\frac{1}{2}$ E	R14E
S 1	S 6
S 12	S 7
1937	

from which

A Yellow Pine, 6 ins. diam., bears N. 41 $\frac{1}{2}$ ° E.;
46 lks. dist., mkd. T 12 N R 14 E S 6 BT.

A Yellow Pine, 6 ins. diam., bears S. 67° E.,
78 lks. dist., mkd. T 12 N R 14 E S 7 BT.

A Yellow Pine, 8 ins. diam., bears S. 62 $\frac{1}{4}$ ° W.,
51 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 12 BT.

A Yellow Pine, 8 ins. diam., bears N. 52° W.,
78 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 1 BT.

Land, slightly rolling.

Soil, rocky clay, 3rd and 4th rate.

Timber, Yellow Pine; undergrowth, dense 2nd growth Pine.

North, between secs. 1 and 6.

Over level land, through dense 2nd growth Pine.

15.75 Forest Service telephone line bears NW. and SE.; truck trail bears NW. to Waters Ranger Station, and SE. to Mormon Crossing Road.

32.70 Forest Service truck trail bears NE. and SW.

33.00 Desc. 69 ft. over NW. slope.

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

S 1	S 6
1937	

from which

A Yellow Pine, 6 ins. diam., bears S. 81 $\frac{1}{2}$ ° E.,
41 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.

A Yellow Pine, 8 ins. diam., bears S. 84° W.,
22 lks. dist., mkd. $\frac{1}{4}$ S 1 BT.

Desc. 65 ft. over NW. slope.

50.00 Drain, course NE.

66.00 Desc. gentle N. slope.

78.00 A canyon, 20 lks. wide, course NW.; asc. 126 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 1 and 8, sec. 1, and lots 4 and 5, sec. 6, with brass cap mkd.

East Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

Chains.

S1 $\frac{1}{4}$ S 6
 $\frac{8}{5}$
 1937

No bearing trees available.

Limestone ledge, 4 ft. high, bears E. and W.

91.00 Spur slopes NE.

93.88 Intersect Third Standard Parallel North.

Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, in a mound of stone to top, for closing cor. of T. 12 N., Rs. 13 $\frac{1}{2}$ and 14 E., with brass cap mkd.

T13N R14E
 S 31
 R13 $\frac{1}{2}$ E R14E
 S 1 S 6
 T12N
 CC
 1937

from which

A Yellow Pine, 6 ins. diam., bears S. 7 $\frac{1}{2}$ ° E., 39 lks. dist., mkd. T 12 N R 14 E S 6 CC BT.

A double Yellow Pine, 10 ins. diam., bears S. 47 $\frac{1}{4}$ ° W. 36 lks. dist., mkd. T 12 N R 13 $\frac{1}{2}$ E S 1 CC BT.

From point of intersection the standard $\frac{1}{4}$ sec. cor., S. bdy. sec. 31, T. 13 N., R. 14 E., hereinbefore described, bears S. 89° 17' W., 20.86 chs. dist.

From the same point the standard cor. of secs. 31 and 32, T. 13 N., R. 14 E., hereinbefore described, bears N. 89° 17' E., 18.97 chs. dist.

Land, slightly rolling.

Soil, rocky clay, 3rd and 4th rate.

Timber, Yellow Pine; undergrowth, dense 2nd growth Pine.

Final tests of instruments.

June 6, 1937, with Buff & Buff transit No. 9305, on the meridian established in camp in the NE. corner of sec. 24, T. 11 N., R. 14 E., at 7:00 a.m. appt. time, set off 34° 20' on the latitude arc, and with 22° 40' 04" N., on the declination arc, determine a meridian with the solar, which agrees with that determined by Polaris.

At 5:00 p.m., with the latitude arc unchanged, and with 22° 42' 41" N., on the declination arc, the test is repeated. The meridian thus determined also agrees with that determined by Polaris.

July 18, 1937, with Buff & Buff transit No. 9984, on the same meridian, at 7:00 a.m. appt. time, set off 34° 20' on the latitude arc, and with 21° 03' 40" N., on the declination arc, determine a meridian with the solar, which agrees with that determined by Polaris. At every half hour, from 7:00 a.m. to 5:00 p.m., with the latitude arc unchanged, and with proper settings on the declination arc, I repeat the test and find that all meridians determined by the solar are within 1' 30" of that determined by Polaris.

East Boundary of Frac. T. 12 N., R. 13 $\frac{1}{2}$ E.

BOOK 472

Buff & Buff No. 16723

Sept. 18, 1937: In camp at Duran Ranch, in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 12 N., R. 14 E., at 7h 55m p.m.l.m.t., or 8h 42m p.m., by my watch, which reads correct 105th meridian time, as determined by comparison with Western Union time, I observe Polaris at eastern elongation, making three sights each with the telescope in direct and reversed positions, and mark the mean point by driving a tack in a peg set 10 chs. N. of my station.

At daylight, I lay off the azimuth of Polaris 1° 15' 30" to the west, and mark a point in the meridian by driving a tack in a second peg set 10 chs. N. of my station.

Sept. 30, 1937: On the above meridian, with 34° 26' set on the latitude arc, and with proper settings on the declination arc, I make tests every half hour from 9:00 a.m. to 10:30 a.m., and from 1:30 p.m. to 5:00 p.m., and find that the meridian as determined by the solar does not deviate more than 1' 30" from the meridian established from Polaris.

BOOK 4172

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

We, Horace M. Muscott, Public Land Surveyor, and Claude F. Warner, Transitman, General Land Office

HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of June, 1934

received from the district cadastral engineer for Arizona, with assignment

instructions dated May 15 and June 4, 1937, we re have surveyed the 3rd Stan. Par. N., through Rs. 15, 14 and a portion of 13 E., S. bdrs. of T. 11 N., Rs. 13 1/2, 14 and a portion of 15 E., and portions of the N. and W. bdrs. of the Fort Apache Indian Reservation; established cors. on the E. bdrs. of Ts. 11 and 12 N., R. 15 E. and T. 10 N., R. 15 1/2 E.; and surveyed the E. and W. bdrs. of Ts. 11 and 12 N., R. 14 E., S. bdrs. of T. 12 N., Rs. 13 1/2, 14 and 15 E., and a portion of the S. bdy. of T. 11 N., R. 15 E.,

of the Gila and Salt River Meridian, in the State of Arizona, which are

represented in the foregoing field notes as having been executed by me and under my direction; and that said resurvey and establishment of corners

survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey

of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Glendale, Calif. January 6, 1938.

Horace M. Muscott Public Land Surveyor

Phoenix, Arizona, January 12, 1938.

Claude F. Warner Transitman

General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, JAN 31, 1940.

The foregoing field notes of the survey of the 3rd Stan. Par. N., through Rs. 15, 14 and a portion of 13 E., S. bdrs. of T. 11 N., Rs. 13 1/2, 14 and a portion of 15 E., and portions of the N. and W. bdrs. of the Fort Apache Indian Reservation; the establishment of cors. on the E. bdrs. of Ts. 11 and 12 N., R. 15 E., and T. 10 N., R. 15 1/2 E., and the survey of the E. and W. bdrs. of Ts. 11 and 12 N., R. 14 E., S. bdrs. of T. 12 N., Rs. 13 1/2, 14 and 15 E., and a portion of the S. bdy. of T. 11 N., R. 15 E.,

executed by Horace M. Muscott, Public Land Surveyor, and Claude F. Warner, Transitman, General Land Office,

under special instructions dated June 20, 1934, and assignment

instructions dated May 15 and June 4, 1937, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey resurvey and establishment of corners therein described, are hereby approved.

Signature of U.S. Supervisor of Surveys

U.S. Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~

~~U.S. Supervisor of Surveys~~

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
Donald Gifford	" "
Edmond R. Brenizer	Chainman
Glen Snyder	"
Fred Reed	Flagman
Robert O. Jones	"
Frank Brown	"
Gilbert Allred	2 "
Valdoran Burrow	Minor Assistant
Mark E. Makin	" "
Robert G. Burns	" "
Roger T. VonHees	" "
Maurice Wakefield	" "
John A. Stelzer	" "
Rulan F. Westover	" "
Nelson B. Turner	" "
Van N. Kilgore	" "
Walter Fields	" "
Kenneth Poor	" "