

Original

4114

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4-679
(April 1933)

ECCR 4114

Book E.

FIELD NOTES

OF THE SURVEY OF THE

North and West Boundaries, and Subdivisional Lines of

Township 11 North, Range 16 East,

4114

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Horace M. Muscott, Public Land Surveyor

Thornton Fitzhugh, Transitman (PW)

Under special instructions dated June 18, 1934, which provided for the surveys included under Group No. 191, bearing the approval of the Commissioner of the General Land Office under date of July 6, 1934, and assignment instructions dated August 24 and Sept. 1, 1936.

Survey commenced August 30, 1936

Survey completed October 24, 1936

4114

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BOOK 4114

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The survey was executed with a light mountain solar transit made by Buff & Buff, Serial No. 16723, and Young & Sons solar transit Serial No. 8385, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle of Buff & Buff transit has a diameter of $4\frac{1}{2}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132 with a focal constant of 1.2 lks. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $2\frac{1}{2}$ ins., and of the declination arc $3\frac{1}{2}$ ins., each with verniers reading to single minutes. The horizontal circle of Young & Sons transit has a diameter of $5\frac{1}{2}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of $4\frac{1}{2}$ ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132 with a focal constant of 1.2 lks. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $3\frac{1}{2}$ ins., and of the declination arc $3\frac{7}{8}$ ins., each with verniers reading to single minutes. The instruments were in good condition, and having been placed in satisfactory adjustment prior to beginning the survey and tested and found free from appreciable error, were approved by the district cadastral engineer on August 24, 1936, respectively. We examine all the instrumental adjustments before making the field tests hereinafter recorded.

The measurements were made with Lallie steel tapes 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope and the vertical angles of each interval was ascertained 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. 17 E., as follows: latitude $34^{\circ}17'50''$ N., and longitude $110^{\circ}28'54''$ W.

August 29, 1936, in camp near the cor. of secs. 7, 12, 13 and 18, Ts. 11 N., Rs. 16 and 17 E., with Buff & Buff transit No. 16723, at 9h 11.6m p.m., l.m.t., or 9h 33m 57m p.m., by my watch, which reads correct 105th meridian time as determined by Western Union clock, I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions and place a nail at the mean point, driven firmly in a dead log 5 chs. N.

August 30, 1936, in order to verify the latitude of this station in approximate latitude $34^{\circ}21'18''$ N., and longitude $110^{\circ}35'20''$ W., I make an altitude observation on Polaris at upper culmination for latitude, making four observations, two each with the telescope in direct and reversed positions.

Mean observed vertical angle	$35^{\circ}24'30''$ ✓
Mean watch time of observation a.m	3h 30m 19s ✓
Watch fast of 105th meridian standard time	22m. 21s ✓
Reduced latitude	$34^{\circ}20'43''$ ✓

After sunrise, I lay off the azimuth of Polaris, $1^{\circ}15'35''$ and make a meridian mark on a second nail, to the west of the mean point in the line determined by the observation.

Every 30 min. from 8 to 10.30 a.m. and from 1.30 to 4 p.m., We make proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

We repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

The observed magnetic declination is 14° 30' E.

The east and south boundaries of T. 11 N., R. 16 E., were originally surveyed in 1935, under this group.

Beginning at the cor. of Tps. 10 and 11 N., R. 16 E., which is an iron post 3 ins. diam., 9 ins. above ground, firmly set, marked and witnessed as described in the field notes of the NW bdy. of T. 10 N., R. 16 E., surveyed under this group.

North, along the W. bdy. of sec. 31.

Over rolling land, through scattered timber and undergrowth.

Desc. 150 ft. along W. slope.

15.30 Continue descending 86 ft. over N. slope.

34.20 Continue descending 35 ft. along E. slope of spur.

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. 31 only, with brass cap mkd.

$\frac{1}{4}$
 S 31
 1936

from which

A yellow pine, 8 ins. diam., bears N. 36 $\frac{3}{4}$ ° E., 72 lks. dist., mkd. $\frac{1}{4}$ S 31 B T

An oak, 5 ins. diam., bears S. 28 $\frac{1}{2}$ ° E., 56 lks. dist., mkd. $\frac{1}{4}$ S 31 B T

Continue descending 75 ft. along E. slope of spur.

55.00 Top of spur, slopes N. 80° E.; desc. 156 ft. over N. slope.

64.00 Continue descending over NW. slope.

76.88 Dry wash, 50 lks. wide, 6 ft. deep, course N. 5° E.

79.30 Same wash, course N. 15° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 30 and 31 only, with brass cap mkd.

T 11 N
 S 30
 S 31
 R 16 E
 1936

Chains	from which
	<p>An oak, 6 ins. diam., bears N. 27° E., 116 lks. dist., mkd. T 11 N R 16 E S 30 B T</p> <p>An oak, 10 ins. diam., bears S. 40° E., 114 lks. dist., mkd. T 11 N R 16 E S 31 B T</p> <p>Land, rolling. Soil, clay loam, 3rd rate. Timber, yellow pine, spruce and scattered oak; undergrowth 2nd growth pine.</p>
	<p>North, along the W. bdy. of sec. 30.</p> <p>Over rolling land, through heavy timber and scattered undergrowth.</p> <p>Along E. side of wash draining N.</p>
14.00	Wire fence, bears N. 58° W. and S. 58° E.
14.68	Intersect line 4-5 of Tract A, HES No. 190 at a point from which Cor. No. 4 bears N. 57° 55' E., 8.74 chs. dist., a sandstone, 10 x 14 x 4 ins. above ground, firmly set, marked and witnessed as described in the official record.
	From the same point Cor. No. 5 of Tract A, HES No. 190, bears S. 57° 55' W., 10.84 chs. dist.; a sandstone, 10 x 14 x 9 ins. above ground, firmly set, marked and witnessed as described in the official record.
24.88	Dry wash, 40 lks. wide, 4 ft. deep, course NE.; desc. 46 ft. across head of meadow.
29.41	Wire fence, bears N. 78 ³ / ₄ ° W. and S. 78 ³ / ₄ ° E.
30.77	Wire fence, bears N. 35° E. and S. 35° W.
33.53	Leave meadow; asc. 26 ft. along E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 23 ins. in the ground to bedrock, and in a mound of stone to top, for ¹ / ₄ sec. cor. of sec. 30 only, with brass cap mkd.
	<p>1936</p> <p>1/4 S 30</p>
	from which
	<p>A yellow pine, 6 ins. diam., bears N. 30¹/₂° E., 58 lks. dist., mkd. ¹/₄ S 30 B T</p> <p>A yellow pine, 5 ins. diam., bears S. 52° E., 80 lks. dist., mkd. ¹/₄ S 30 B T</p>
	Continue ascending 11 ft. along E. slope.
41.20	Spur, slopes N. 65° E.; desc. 46 ft. along W. slope.
48.39	Enter meadow in Black Canyon, bears NE. and SW.
48.43	Intersect line 13-14 of Tract A, HES No. 190 at a point from which Cor. No. 13 bears N. 70° 28' W., 4.98 chs. dist., a sandstone, 10 x 12 x 6 ins. above ground, firmly set, marked and witnessed as described in the official record.

Chains From the same point Cor. No. 14 of Tract A, HES No. 190 bears S. 70° 28' E., 1.10 chs. dist.; a sandstone, 10 x 9 x 5 ins. above ground, firmly set, marked and witnessed as described in the official record.

48.97 Intersect line 21-22 of Tract B, HES No. 190 at a point from which Cor. No. 21 bears S. 70° 28' E., 1.13 chs. dist.; a sandstone, 10 x 9 x 5 ins. above ground, firmly set, marked and witnessed as described in the official record.

From the same point Cor. No. 22 of Tract B, HES No. 190 bears N. 70° 28' W., 5.04 chs. dist.; a sandstone, 14 x 10 x 8 ins. above ground, firmly set, mkd. 22 on N. face (no other marks visible-top broken off).

from which

Original bearing trees

An oak, 12 ins. diam., bears N. 60½° E., 40 lks. dist., mkd. 22 HES (blaze overgrown).

An oak, 10 ins. diam., bears N. 18½° W., 38 lks. dist., mkd. 22 HES (blaze overgrown).

49.22 Forest Service road, bears E. to Heber, Arizona, and W.

51.97 Dry wash, 40 lks. wide, 5 ft. deep, course E.

56.03 Wire fence, bears E. and W.; leave meadow and canyon, bears NE. and SW.; asc. 169 ft. over SE. slope.

58.27 Intersect line 18-19 of Tract B, HES No. 190 at a point from which Cor. No. 18 bears N. 81° 49' W., 13.29 chs. dist.; a sandstone, 10 x 9 x 4 ins. above ground, firmly set, marked and witnessed as described in the official record.

From the same point Cor. No. 19 of Tract B, HES No. 190 bears S. 81° 49' E., 21.05 chs. dist.; a sandstone, 15 x 10 x 7 ins. above ground, firmly set, marked and witnessed as described in the official record.

74.20 Ridge, bears N. 65° E. and S. 65° W.; desc. 38 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19 and 30 only, with brass cap mkd.

	T 11 N
	S 19

	S 30
	R 16 E.
1936	

from which

A yellow pine, 8 ins. diam., bears N. 67° E., 25 lks. dist., mkd. T 11 N R 16 E S 19 B T

A yellow pine, 8 ins. diam., bears S. 32½° E., 17 lks. dist., mkd. T 11 N R 16 E S 30 B T

Land, rolling.
Soil, sandy and clay loam, 1st rate; and rocky 4th rate.
Timber, yellow pine and scattered oak; undergrowth, 2nd growth pine.

- Chains North, along the W. bdy. of sec. 19:
- Over rolling mountains, through heavy timber and scattering undergrowth.
- Desc. 81 ft. over NW. slope.
- 2.74 Ravine, course N. 65° E.; asc. 144 ft. over SE. slope.
- 17.30 Ridge, bears N. 40° E. and S. 40° W.; desc. 322 ft. over NW. slope.
- 33.63 West fork of Black Canyon, bears from N. 85° W. to N. 40° E.
- 34.13 Old trail, bears N. 40° E. and N. 85° W.
- 35.53 Dry wash, 30 lks. wide, 5 ft. deep, course N. 40° E.; asc. 58 ft. over SE. slope.
- 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 $\frac{1}{4}$ sec. cor. of sec. 19 only, with brass cap mkd.

$\frac{1}{4}$
 S 19
 1936

from which

A yellow pine, 8 ins. diam., bears N. 74 $\frac{1}{2}$ ° E., 62 lks. dist., mkd. $\frac{1}{4}$ S 19 B T

A yellow pine, 12 ins. diam.; bears S. 28° E., 82 lks. dist., mkd. $\frac{1}{4}$ S 19 B T

Asc. 147 ft. over SE. slope.

- 56.00 Top of spur, slopes N. 70° E.; desc. 236 ft. Over NW. slope.
- 69.72 Wash, 80 lks. wide, 5 ft. deep, course N. 45° E.; asc. 165 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 18 and 19 only, with brass cap mkd.

T 11 N
 S 18
 S 19
 R 16 E

1936

from which

A yellow pine, 10 ins. diam., bears N. 78° E., 89 lks. dist., mkd. T 11 N R 16 E S 18 B T

A yellow pine, 6 ins. diam., bears S. 62° E., 150 lks. dist., mkd. T 11 N R 16 E S 19 B T

Land, rolling mountains.

Soil, clay, 3rd rate; and rocky 4th rate.

Timber, yellow pine and scattered oak; undergrowth, 2nd growth pine.

North, along the W. bdy. of sec. 18.

Over rolling mountains, through heavy timber and scattered undergrowth.

Chains	Asc. 37 ft. over SE. slope
5.60	Spur, slopes NE.; desc. 113 ft. over NW. slope.
15.50	Canyon, bears NE. and SW.; asc. 139 ft. over SE. slope.
30.20	Top of flat ridge, bears N. 55° E. and S. 55° W.; Forest Service road, bears N. 55° E. to Heber, and S. 55° W. to Young; desc. 22 ft. over N. slope.
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 $\frac{1}{4}$ sec. cor. of sec. 18 only, with brass cap mkd.
	$\frac{1}{4}$ S 18 1936
	from which
	An oak, 10 ins. diam., bears N. 49 $\frac{1}{2}$ ° E., 79 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
	An oak, 12 ins. diam., bears S. 83 $\frac{1}{4}$ ° E., 47 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
	Desc. 85 ft. over gradual N. slope.
55.94	Canyon, course N. 30° W.; desc. 106 ft. along NE. slope.
65.87	Fence, bears N. 47 $\frac{1}{2}$ ° W. and S. 47 $\frac{1}{2}$ ° E.
67.64	Wash, 25 lks. wide, 3 ft. deep, course N. 30° E; asc. 47 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 7 and 18 only, with brass cap mkd.
	T 11 N S 7 — S 18 R 16 E 1936
	from which
	A yellow pine, 6 ins. diam., bears N. 30° E., 45 lks. dist., mkd. T 11 N R 16 E S 7 B T
	A yellow pine, 16 ins. diam., bears S. 19° E., 111 lks. dist., mkd. T 11 N R 16 E S 18 B T
	Land, rolling mountains. Soil, rocky and clay, 4th rate. Timber, yellow pine, scattered oak and locust; undergrowth, scattered 2nd growth pine.
	North, along the W. bdy. of sec. 7.
	Over rolling mountains, through heavy timber and scattered undergrowth.
	Asc. 24 ft. over SE. slope.
11.40	Spur, slopes NE.; desc. 112 ft. over NW. slope.
25.13	Dry wash, 25 lks. wide, 4 ft. deep, course NE.; asc. 116 ft. over SE. slope.

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. 7 only, with brass cap mkd.

|
S 7
1936

from which

A yellow pine, 12 ins. diam., bears N. $56\frac{1}{2}^{\circ}$ E., 157 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

An oak, 8 ins. diam., bears S. $52\frac{1}{4}^{\circ}$ E., 152 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

Asc. 40 ft. over SE. slope.

45.00 Ridge, bears N. 52° E. and S. 52° W.; continue along top of ridge.53.06 Telephone line, bears N. 52° E. and S. 52° W.54.96 Graded road, bears N. 52° E. to Heber, and S. 52° W. to Young;; desc. 86 ft. over N. slope.56.96 Road, bears N. 65° W., to Wilford Henderson's ranch, and S. 65° E., 2.00 chs. to forks of main road.65.00 Head of canyon, bears N. 10° E., continue descending 23 ft. along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 6 and 7 only, with brass cap mkd.

T 11 N
|
S 6
—
S 7
R 16 E
1936

from which

A yellow pine, 16 ins. diam., bears N. $29\frac{1}{4}^{\circ}$ E., 12 lks. dist., mkd. T 11 N R 16 E S 6 B T .

An oak, 10 ins. diam., bears S. 15° E., 80 lks. dist., mkd. T 11 N R 16 E S 7 B T .

Land, rolling mountains.

Soil, clay and rocky, 4th rate.

Timber, yellow pine and scattered oak; undergrowth, scattering 2nd growth pine.

North, along the W. bdy. of sec. 6.

Over rolling mountains, through heavy timber and scattered undergrowth.

Desc. 29 ft. along E. slope.

5.00 Enter canyon in meadow 4 chs. wide, course N. 5° W.14.98 Drain, course N. 5° W.

23.68 Leave meadow and canyon, bears NW. and SE.; continue along W. slope.

Chains	
24.94	Wire fence, bears N. $31\frac{1}{2}^{\circ}$ E. and S. $31\frac{1}{2}^{\circ}$ W.
25.24	Intersect line 1-6 HES No. 196 at a point from which Cor. No. 6 bears N. $31^{\circ} 08'$ E., 41.37 chs. dist.; a limestone, 12 x 5 x 15 ins. above ground, firmly set, marked and witnessed as described in the official record. From the same point Cor. No. 1 HES No. 196 bears S. $31^{\circ} 08'$ W. 50.66 chs. dist.; a limestone in place, exposed 24 x 20 x 30 ins. above ground, mkd. (x) on top, and 1 HES on N. face; mound of stone N. from which Original bearing trees Excavation, bears N. 28° E., 60 lks. dist. This was the location of the pine, 6 ins. diam., mkd. 1 HES 196 x B T, which is now dead, and fallen. A yellow pine, 28 ins. diam., bears N. 24° W. 79 lks. dist., mkd. 1 HES 196 x B T Desc. 38 ft. over NW. slope; into canyon meadow, bears NE. and SW.
33.82	Wash, 110 lks. wide, 7 ft. deep, course N. 25° E.
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. 6 only, with brass cap mkd. $\frac{1}{4}$ S 6 1936 from which A yellow pine, 12 ins. diam., bears N. 22° E., 309 lks. dist., mkd. $\frac{1}{4}$ S 6 B T A juniper, 8 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ E., 337 lks. dist., mkd. $\frac{1}{4}$ S 6 B T
40.40	Wash, 45 lks. wide, 10 ft. deep, course S. 85° E.
45.50	Wire fence, bears S. $68\frac{3}{4}^{\circ}$ E. and N. $68\frac{3}{4}^{\circ}$ W. 20 lks. to cor. of fence, thence S. $22^{\circ} 54'$ W.; leave canyon meadow, asc. 74 ft. over SW. slope.
46.32	Intersect line 4-5 HES No. 196 at a point from which Cor. No. 4 bears S. $22^{\circ} 54'$ W., 1.63 chs. dist.; a limestone, 28 x 16 x 12 ins. above ground, firmly set, mkd. (x) on top, and 4 HES 196 on SE. face; mound of stone SE. from which Original bearing trees A yellow pine, 24 ins. diam., bears N. $56^{\circ} 40'$ E., 67 lks. dist., mkd. 4 HES 196 x B T A yellow pine, 24 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ E., 57 lks. dist., mkd. 4 HES 196 x B T From the same point Cor. No. 5 HES No. 196 bears N. $22^{\circ} 54'$ E., 15.77 chs. dist.; a sandstone, 7 x 6 x 18 ins. above ground, firmly set, marked and witnessed as described in the official record.
48.60	Spur, slopes SE.; continues ascending 15 ft. along E. slope over series of ravines and low spurs.

West Boundary of T. 11 N., R. 16 E

9

Chains	
.52.00	Spur, slopes SE.; desc. 58 ft, over NE. slope.
54.80	Draw, course E., asc. 43 ft. over S. slope.
56.60	Spur, slopes SE.; desc. 18 ft. over NE. slope.
63.78	Draw, course E., asc. 24 ft. over S. slope.
66.80	Spur, slope E., continue along E. slope.
76.40	Asc. 16 ft. over S. slope.
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 4 and 5 of sec. 6, with brass cap mkd.
	$\begin{array}{r} \\ 4 \\ \\ 5 \\ \hline 1936 \end{array} \text{ s } 6$
82.10	Forest Service road, bears NE. and SW.
85.08	At this point which is 478.45 chs. West of the cor. of Tps. 11 and 12 N., Rs. 16 and 17 E., hereinafter described.
	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 Tps. 11 and 12 N., R. 16 E. only, with brass cap mkd.
	$\begin{array}{r} \\ \hline T 12 N \\ R 16 E \\ S 31 \\ \hline S 6 \\ T 11 N \\ \hline 1936 \end{array}$
	from which
	A yellow pine, 24 ins. diam., bears N. 68° E., 165 lks. dist., mkd. T 12 N R 16 E S 31 B T
	A yellow pine, 8 ins. diam., bears S. 70½° E., 66 lks. dist., mkd. T 11 N R 16 E S 6 B T
	Land, rolling mountains. Soil, sandy loam 1st rate; and rocky 4th rate. Timber, yellow pine, juniper and scattered oak; undergrowth 2nd growth pine.
North Boundary of T. 11 N., R. 16 E.	
	East, on a true line bet. secs. 6 and 31.
	Over rolling mountains, through heavy timber and scattered undergrowth.
	Asc. 16 ft. over NW. slope.
2.00	Forest Service road; bears NE. and SW.
12.30	Low flat ridge, bears NE. and SW.; desc. 166 ft. over E. slope.
32.43	Wire drift fence, (zig zag) bears NE. and SW.

Chains

37.95

Center of dry wash, 100 lks. wide, 5 ft. deep, course N.

38.45

Set an iron post, 3 ft. long, 1 in. diam., on solid rock, with a cross (x) mkd. at the base, and in a mound of stone to top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\frac{1}{4} \frac{S \ 31}{S \ 6}$$

1936

from which

A yellow pine, 6 ins. diam., bears N. 10° W., 31 lks. dist., mkd. $\frac{1}{4}$ S 31 B TA yellow pine, 8 ins. diam., bears S. 43° E., 28 lks. dist., mkd. $\frac{1}{4}$ S 6 B T

Asc. 90 ft. over NW. slope.

41.00

Spur, slopes N., desc. 75 ft. over NE. slope.

49.78

Draw, course NW.; asc. 143 ft. over NW. slope.

78.45

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T. 12 N R 16 E.

S 31 | S 32

S 6 | S 5

T 11 N

1936

from which

A yellow pine, 24 ins. diam., bears N. 38 $\frac{1}{4}$ ° E., 66 lks. dist., mkd. T 12 N R 16 E S 32 B TAn oak, 10 ins. diam., bears S. 63 $\frac{3}{4}$ ° E., 45 lks. dist., mkd. T 11 N R 16 E S 5 B T

An oak, 10 ins. diam., bears S. 31° W., 28 lks. dist., mkd. T 11 N R 16 E S 6 B T

A yellow pine, 14 ins. diam., bears N. 56 $\frac{1}{2}$ ° W., 82 lks. dist., mkd. T 12 N R 16 E S 31 B T

Land, rolling mountains.

Soil, sandy clay, 1st rate; and rocky 4th rate.

Timber, yellow pine, juniper and oak; undergrowth, juniper and 2nd growth pine.

East, on a true line bet. secs. 5 and 32.

Over rolling mountains, through heavy timber and scattered undergrowth.

.95

A graded road, bears N. to Heber, and S. to Young.

1.85

Telephone line, bears N. and S.

27.94

Draw, course N. 10° E., asc. 40 ft. over NW. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\frac{1}{4} \frac{S \ 32}{S \ 5}$$

4114

Chains

from which

A juniper, 24 ins. diam., bears N. 20° E., 70 lks. dist., mkd. 1/4 S 32 B T

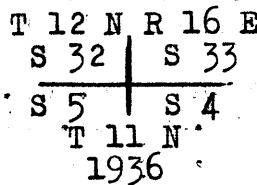
A juniper, 6 ins. diam., bears S. 22 1/4° W., 152 lks. dist., mkd. 1/4 S 5 B T

41.00 Forest Service road, on top of ridge, bears NE. and SW.; continue along top of ridge.

52.60 Desc. 86 ft. over E. slope.

62.50 Draw, course SE.; asc. 16 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, with brass cap mkd.



from which

A juniper 30 ins. diam., bears N. 31 3/4° E., 25 lks. dist., mkd. T 12 N R 16 E S 33 B T

A juniper, 20 ins. diam., bears S. 51 1/4° E., 104 lks. dist., mkd. T 11 N R 16 E S 4 B T

A juniper, 6 ins. diam., bears S. 21 1/4° W., 91 lks. dist., mkd. T 11 N R 16 E S 5 B T

A yellow pine, 8 ins. diam., bears N. 37 1/4° W., 79 lks. dist., mkd. T 12 N R 16 E S 32 B T

Land, rolling mountains. Soil, sandy clay 1st rate; and rocky 4th rate. Timber, yellow pine, juniper and scattered oak; undergrowth, scrub juniper and 2nd growth pine.

East, on a true line bet. secs. 4 and 33.

Over rolling mountains, through heavy timber and scattered undergrowth.

Desc. 88 ft. over E. slope.

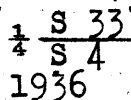
14.75 Ravine, course S.; asc. 67 ft. over W. slope

21.70 Spur, slopes S.; desc. 72 ft. over NE. slope.

30.90 Ravine, course SE.; asc. 13 ft. over NW. slope.

37.50 Spur, slopes SW.; desc. 28 ft. over SE. slope.

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 1/4 sec. cor., with brass cap mkd.



from which

Chains

- A juniper, 36 ins. diam., bears N. $75\frac{1}{2}^{\circ}$ W., 25 lks. dist., mkd. $\frac{1}{4}$ S 33 B T
- A juniper, 10 ins. diam., bears S. $42\frac{3}{4}^{\circ}$ E., 41 lks. dist., mkd. $\frac{1}{4}$ S 4 B T
- Desc. 114 ft. over SE. slope.
- 46.52 Ravine, course NE.; asc. 54 ft. over NW. slope.
- 49.20 Spur, slopes N.; desc. 78 ft. over NE. slope.
- 62.62 Ravine, course SE.; asc. 23 ft. over NW. slope.
- 73.47 Intersect line E-3 HES No. 454 at a point from which Cor. No. 3 bears N. $15^{\circ} 15'$ W., 79 lks. dist.; a limestone, 10 x 8 x 12 ins. above ground, firmly set, marked and witnessed as described in the official record.
- From the same point Cor. No. 2 HES No. 454 bears S. $15^{\circ} 15'$ E., 13.18 chs. dist.; A limestone, 10 x 8 x 20 ins. above ground, firmly set, marked 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. 3, 4, 33 and 34, with brass cap mkd.

T	12	N	R	16	E
	S	33		S	34
	S	4		S	3
		T	11	N	
					1936

ffom which

- A yellow pine, 10 ins. diam., bears N. $38\frac{1}{4}^{\circ}$ E., 83 lks. dist., mkd. T 12 N R 16 E S 34 B T
- A yellow pine, 16 ins. diam., bears S. $33\frac{1}{2}^{\circ}$ E., 60 lks. dist., mkd. T 11 N R 16 E S 3 B T
- A yellow pine, 20 ins. Diam., bears S. 44° W., 45 lks. dist., mkd. T 11 N R 16 E S 4 B T
- A yellow pine, 10 ins. diam., bears N. 80° W., 172 lks. dist., mkd. T 12 N R 16 E S 33 B T

Land, rolling mountains.
Soil, meadow land, 1st rate; and rocky 4th rate.
Timber, yellow pine, juniper and scattered oak; undergrowth, scrub juniper and 2nd growth pine.

East, on a true line bet. secs. 3 and 34.

Over rolling land, through heavy timber and scattered undergrowth.

Along N. slope.

- 1.00 Spur, slopes NE.; desc. 43 ft. over SE. slope.
- 4.91 Wire fence, bears N. 20° E. and S. 20° W.; enter meadow land, bears N. 20° E. and S. 20° W.
- 7.37 Center of dry wash, 260 lks. wide, 5 ft. deep, course N. 20° E.

Chains

14.28

Intersect line 6-7 HES No. 454 at a point from which Cor. No. 6 bears N. 61° 08' E., 9.96 chs. dist.; a limestone, 7 x 5 x 16 ins. above ground, firmly set, marked and witnessed as described in the official record.

From the same point Cor. No. 7 HES No. 454 bears S. 61° 08' W., 3.60 chs. dist.; a limestone, 5 x 5 x 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

15.09

Black Canyon road, bears N. 20° E. and S. 20° W.; leave meadow; asc. 80 ft. over NW. slope.

22.21

Draw, course NW,; asc. 73 ft. over 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.

$$\begin{array}{r} \frac{1}{4} \text{ S } 34 \\ \text{S } 3 \\ \hline 1936 \end{array}$$

from which

A juniper, 8 ins. diam., bears N. 10 $\frac{1}{2}$ ° E., 15 lks. dist., mkd. $\frac{1}{4}$ S 34 B T

A juniper, 30 ins. diam., bears S. 61 $\frac{1}{2}$ ° E., 105 lks. dist., mkd. $\frac{1}{4}$ S 3 B T

Asc. 28 ft. over NW. slope.

43.50

Top of low flat spur, slopes NE.; desc. 39 ft. over SE. slope.

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.

$$\begin{array}{r} \text{T } 12 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 34 \text{ | } \text{S } 35 \\ \hline \text{S } 3 \text{ | } \text{S } 2 \\ \text{T } 11 \text{ N} \\ 1936 \end{array}$$

from which

A juniper, 6 ins. diam., bears N. 54° E., 24 lks. dist., mkd. T 12 N R 16 E S 35 B T

A juniper, 24 ins. diam., bears S. 32 $\frac{1}{4}$ ° E., 158 lks. dist., mkd. T 11 N R 16 E S 2 B T

A juniper, 30 ins. diam., bears S. 49° W., 99 lks. dist., mkd. T 11 N R 16 E S 3 B T

An oak, 8 ins. diam., bears N. 74 $\frac{3}{4}$ ° W., 28 lks. dist., mkd. T 12 N R 16 E S 34 B T

Land, rolling mountains.

Soil, sandy loam, 1st rate; and rocky 4th rate.

Timber, pinyon and yellow pine, juniper and scattered oak; undergrowth, scrub juniper and 2nd growth pine.

East, on a true line bet. secs. 2 and 35.

Over rolling land, through heavy timber and scattered undergrowth.

Chains	
3.54	Forest Service road, on top of low ridge, bears NE. and SW. Continue over rolling land.
21.80	Desc. 54 ft. over broken SE. slope.
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.
	$\begin{array}{r} \frac{1}{4} \text{ S } 35 \\ \hline \text{S } 2 \\ 1936 \end{array}$
	from which
	A pine, 6 ins. diam., bears N. 17° W., 18 lks. dist., mkd. $\frac{1}{4}$ S 35 B T
	A juniper, 10 ins. diam., bears S. 62° W., 54 lks. dist., mkd. $\frac{1}{4}$ S 2 B T
	Desc. 69 ft. over SE. slope.
47.00	Draw, course NE.; asc. 96 ft. over NW. slope.
64.70	Spur, slopes NE.; desc. 74 ft. over SE. slope.
69.10	Enter draw, course NE.
72.50	Leave draw, course NE.; asc. 28 ft. over NW. slope.
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.
	$\begin{array}{r} \text{T } 12 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 35 \text{ } \text{S } 36 \\ \hline \text{S } 2 \text{ } \text{S } 1 \\ \text{T } 11 \text{ N} \\ 1936 \end{array}$
	from which
	A yellow pine, 10 ins. diam., bears N. $31\frac{1}{2}^{\circ}$ E., 136 lks. dist., mkd. T 12 N R 16 E S 36 B T
	A juniper, 6 ins. diam., bears S. $50\frac{1}{2}^{\circ}$ E., 96 lks. dist., mkd. T 11 N R 16 E S 1 B T
	A juniper, 6 ins. diam., bears S. 59° W., 59 lks. dist., mkd. T 11 N R 16 E S 2 B T
	A juniper, 30 ins. diam., bears N. 69° W., 68 lks. dist., mkd. T 12 N R 16 E S 35 B T
	Land, rolling mountains. Soil, gravelly and rocky, 3rd and 4th rate. Timber, yellow pine, juniper and scattered oak; undergrowth, 2nd growth pine.
	East, on a true line, bet. secs. 1 and 36.
	Over rolling mountains, through scattered timber and undergrowth.
3.50	Spur, slopes NE.; desc. 71 ft. over SE. slope.
15.31	Old road, bears NE. and SW.

Chains	
16.51	Draw, course NE.; asc. 52 ft. over W. slope.
37.63	Old road, bears N. and S.
38.50	Spur, slopes N.; desc. 10 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 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 36 S 1 1936
	from which
	A yellow pine, 8 ins. diam., bears N. $68\frac{1}{4}^{\circ}$ E., 32 lks. dist., mkd. $\frac{1}{4}$ S 36 B T
	A yellow pine, 34 ins. diam., bears S. 55° W., 61 lks. dist., mkd. $\frac{1}{4}$ S 1 B T
	From the $\frac{1}{4}$ sec. cor., cor. No. 4 HES No. 179, bears N. $3^{\circ} 06'$ W., 9.29 chs. dist.; a sandstone, 10 x 8 x 12 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Desc. 29 ft.
44.10	Spur, slope N.; continue descending 73 ft. over E. slope.
53.23	Enter valley, bears N. and S.
54.17	Wire fence, bears S. 10° E. and N. 10° W.
54.93	W. bank of Buckskin Wash, 5 ft. deep, course N.
58.52	E. bank of Buckskin Wash, 5 ft. deep, course N.
60.31	Road, bears S. to Pinedale, and N. to Heber.; asc. 140 ft. along S. slope.
80.00	Intersect the cor. of Tps. 11 and 12 N., Rs. 16 and 17 E., which is an iron post, 3 ins. diam., firmly set, in a mound of stone, 6 ft. base, 3 ft. high, marked and witnessed as described in the field notes of the exterior of T. 11 N., R. 17 E., surveyed under this group. Land, rolling mountains. Soil, sandy loam, 1st and 2nd rate; and rocky 4th rate. Timber, yellow pine and scattered oak and juniper; undergrowth, 2nd growth pine and juniper.

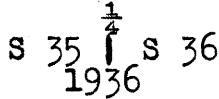
Subdivisions of T. 11 N., R. 16 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the N. bdy. of T. 10 N., R. 16 E., surveyed under this group.
N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 123 ft. over NE. slope

- Chains
 8.80 Drain, course NE.; asc. 11 ft. over S. slope.
 9.90 Spur, slopes NE.; desc. 108 ft. over NW. slope
 19.62 Wash, 4 lks. wide, 1 ft. deep, course NE.; asc. 24 ft. over SE. slope.
 28.10 Spur, slopes NE.; continue over nearly level land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.



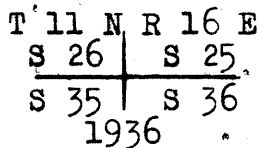
from which

A yellow pine, 24 ins. diam., bears N. $75\frac{1}{2}^\circ$ E., 33 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

A yellow pine, 14 ins. diam., bears N. $43\frac{1}{2}^\circ$ W., 60 lks. dist., mkd. $\frac{1}{4}$ S 35 B T

Desc. 61 ft. over NW. slope.

- 47.40 Drain, course NE.; asc. 11 ft. over SE. slope.
 52.40 Spur, slopes NE.; desc. 41 ft. over N. slope.
 62.90 Small drain, course E.; asc. 29 ft. over S. slope.
 71.40 Spur, slopes N. 80° E.; continue over nearly level land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.



from which

A yellow pine, 14 ins. diam., bears N. $34\frac{1}{2}^\circ$ E., 67 lks. dist., mkd. T 11 N R 16 E S 25 B T

An alligator juniper, 32 ins. diam., bears S. $37\frac{1}{2}^\circ$ E., 34 lks. dist., mkd. T 11 N R 16 E S 36 B T

A yellow pine, 22 ins. diam., bears S. $51\frac{1}{4}^\circ$ W., 55 lks. dist., mkd. T 11 N R 16 E S 35 B T

An oak, 10 ins. diam., bears N. $40\frac{1}{2}^\circ$ W., 67 lks. dist., mkd. T 11 N R 16 E S 26 B T

Land, rolling.
 Soil, sandy loam, 2nd and 3rd rate; and rocky 4th rate.
 Timber, yellow pine and scattered oak and juniper.
 Undergrowth, 2nd growth pine.

- 40.00 East, on a random line bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.

Chains 80.06	<p>A point 5 lks. S. of cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the W. bdy. of T. 11 N., R. 17 E., surveyed under this group.</p> <p>Thence</p> <p>S. 89° 58' W., on a true line bet. secs. 25 and 36.</p> <p>Over rolling land, through heavy timber and scattered undergrowth.</p> <p>Desc. 22 ft. over W. slope.</p>
9.84	Wash, 4 lks. wide, 1 ft. deep, course NE.; asc. 63 ft. over E. slope.
36.30	Wash, 5 lks. wide, 10 ft. deep, course NW.
40.03	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.
	$\frac{1}{4} \frac{S \ 25}{S \ 36}$ <p>1936</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 24 ins. diam., bears N. 32$\frac{1}{2}$° W., 55 lks. dist., mkd. $\frac{1}{4}$ S 25 B T</p> <p>A yellow pine, 8 ins. diam., bears S. 19° W., 45 lks. dist., mkd. $\frac{1}{4}$ S 36 B T</p>
	Asc. 14 ft. over E. slope.
50.00	Spur, slopes NE.; desc. 12 ft. over W. slope.
60.10	Wash, 10 lks. wide, course NE.; asc. 56 ft. over E. slope.
75.60	Spur, slopes N. 20° E.
80.06	The cor. of secs. 25, 26, 35 and 36.
	<p>Land, rolling and level.</p> <p>Soil, sandy loam, 2nd and 3rd rate; and rocky 4th rate.</p> <p>Timber, yellow pine, and scattered oak and juniper;</p> <p>Undergrowth, 2nd growth pine.</p>
	N. 0° 01' W., bet. secs. 25 and 26.
	Over rolling land, through heavy timber and scattered undergrowth.
	Desc. 37 ft. over gradual NW. slope.
20.77	Wash, 4 lks. wide, course NW.; asc. 18 ft.
25.80	Spur, slopes W.
28.86	Same wash, course NE.
35.00	Old road, bears E. to Lincoln Ranger Station, and W. to Turkey Springs.
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.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 26 \text{ | S } 25 \\ 1936 \end{array}$$

from which

An oak, 12 ins. diam., bears N. $23\frac{3}{4}^{\circ}$ E., 29 lks. dist.,
mkd. $\frac{1}{4}$ S 25 B T

A yellow pine, 20 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ W., 83 lks.
dist., mkd. $\frac{1}{4}$ S 26 B T

45.23 Old road, bears NE. to Heber, and SW. to Turkey Springs.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. of secs. 23, 24, 25 and 26, with
brass cap mkd.

$$\begin{array}{c} \text{T 11 N R 16 E} \\ \text{S } 23 \text{ | S } 24 \\ \hline \text{S } 26 \text{ | S } 25 \\ 1936 \end{array}$$

from which

A yellow pine, 24 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ E., 120
lks. dist., mkd. T 11 N R 16 E S 24 B T

An oak, 14 ins. diam., bears S. $29\frac{1}{2}^{\circ}$ E., 84 lks.
dist., mkd. T 11 N R 16 E S 25 B T

A yellow pine, 14 ins. diam., bears S. $68\frac{1}{2}^{\circ}$ W., 80
lks. dist., mkd. T 11 N R 16 E S 26 B T

A yellow pine, 16 ins. diam., bears N. 20° W., 146
lks. dist., mkd. T 11 N R 16 E S 23 B T

Land, rolling and level.

Soil, sandy loam, 2nd and 3rd rate.

Timber, yellow pine, and scattered oak and juniper.

Undergrowth, jack pine and scrub juniper.

N. $89^{\circ} 58'$ E., on a random line bet. secs. 24 and 25.

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

80.07 A point 2 lks. N. of cor. of secs. 19, 24, 25 and 30,
which is an iron post, .2 ins. diam., 8 ins. above ground,
firmly set, marked and witnessed as described in the
field notes of the W. bdy. of T. 11 N., R. 17 E., surveyed
under this group.

Thence

S. $89^{\circ} 59'$ W., on a true line bet. secs. 24 and 25.

Over level land, through heavy timber and scattered
undergrowth.

2.98 Wash, 4 lks. wide, course NW.; asc. 23 ft.

10.10 Flat spur, slopes NE.; desc. 23 ft.

15.47 Wash, 10 lks. wide, course NE.

30.08 Draw, course NE.

Chains

40.04

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 25
1936

from which

A yellow pine, 14 ins. diam., bears N. $32\frac{3}{4}^\circ$ E., 20 lks. dist., mkd. $\frac{1}{4}$ S 24 B T

A yellow pine, 18 ins. diam., bears S. $27\frac{3}{4}^\circ$ E., 40 lks. dist., mkd. $\frac{1}{4}$ S 25 B T

48.35

W. fork of Buckskin Wash, 50 lks. wide, course NE.

51.60

Unimproved road, bears N. 55° E. to Heber, and S. 55° W. to Turkey Springs and Bunger Ranch.

80.07

The cor. of secs. 23, 24, 25 and 26.

Land, level.

Soil, sandy loam, 2nd rate; and rocky 4th rate.

Timber, yellow pine, and scattered oak and juniper.

Undergrowth, jack pine and scrub juniper.

N. $0^\circ 01'$ W., bet. secs. 23 and 24.

Over level land, through heavy timber and scattered undergrowth.

21.78

Small drain, course 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 23 | S 24
1936

from which

An oak, 12 ins. diam., bears N. $56\frac{1}{2}^\circ$ E., 125 lks. dist., mkd. $\frac{1}{4}$ S 24 B T

An oak, 12 ins. diam., bears S. $40\frac{1}{2}^\circ$ W., 106 lks. dist., mkd. $\frac{1}{4}$ S 23 B T

Continue over rolling land; desc. 43 ft. over N. slope.

54.67

Wash, 8 lks. wide, course NE.; asc. 43 ft. over SE. slope.

68.00

Spur, slopes NE.; desc. 14 ft. over NW. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

T 11 N R 16 E
S 14 | S 13
S 23 | S 24
1936

from which

Chains

A yellow pine, 16 ins. diam., bears N. $50\frac{1}{4}^{\circ}$ E., 48 lks. dist., mkd. T 11 N R 16 E S 13 B T

A yellow pine, 20 ins. diam., bears S. $65\frac{1}{4}^{\circ}$ E., 77 lks. dist., mkd. T 11 N R 16 E S 24 B T

A yellow pine, 24 ins. diam., bears S. $61\frac{1}{4}^{\circ}$ W., 46 lks. dist., mkd. T 11 N R 16 E S 23 B T

A yellow pine, 14 ins. diam., bears N. 41° W., 77 lks. dist., mkd. T 11 N R 16 E S 14 B T

Land, level and rolling.

Soil, sandy loam, 2nd rate; and rocky 4th rate.

Timber, heavy yellow pine, and scattered oak and juniper.

Undergrowth, jack pine and scrub juniper.

N. $89^{\circ} 59'$ E., on a random line bet. secs. 13 and 24.

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

80.04 A point 7 lks. S. of cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the W. bdy. of T. 11 N., R. 17 E., surveyed under this group.

Thence

S. $89^{\circ} 56'$ W., on a true line bet. secs. 13 and 24.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 25 ft. over SW. slope.

12.77 Wash, 4 lks. wide, course NW.; Asc. 16 ft. over NE. slope.

16.20 Spur, slopes N.; desc. 17 ft. over NW. slope.

20.70 Wash, 10 lks. wide, course N. 10° E.; Asc. 56 ft. over E. slope.

34.30 Road on top of ridge, bears N. and S.; desc. 16 ft. over W. slope.

40.02 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 24

1936

from which

A yellow pine, 16 ins. diam., bears N. $2\frac{3}{4}^{\circ}$ W., 91 lks. dist., mkd. $\frac{1}{4}$ S 13 B T

A jack pine, 6 ins. diam., bears S. $2\frac{1}{2}^{\circ}$ E., 32 lks. dist., mkd. $\frac{1}{4}$ S 24 B T

Desc. 60 ft. over SW. slope.

46.10 Wash, 3 lks. wide, course NW.; asc. 28 ft. over NE. slope.

52.10 Low spur, slopes N.; desc. 36 ft. over NW. slope.

64.78 Wash, 5 lks. wide, course NE.; asc. 41 ft. over SE. slope

75.00 Spur, slopes NE.; desc. 19 ft. over NW. slope.

Chains
80.04

The cor. of secs. 13, 14, 23 and 24.

Land, rolling.

Soil, sandy loam, 2nd and 3rd rate; and rocky 4th rate.

Timber, heavy yellow pine, and scattered oak and juniper.

Undergrowth, jack pine and scattered juniper.

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 17 ft. over NW. slope.

10.00 Wash in rocky draw, 20 lks. wide, course NE.; asc. 19 ft. over SE. slope.

18.00 Spur, slopes NE.; desc. 39 ft. over NW. slope.

24.88 Wash, 20 lks. wide, course NE.; asc. 50 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.
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 14 \mid \text{S } 13 \\ | \\ 1936 \end{array}$$

from which

A yellow pine, 14 ins. diam., bears N. $26\frac{1}{2}^\circ$ E., 161 lks. dist., mkd. $\frac{1}{4}$ S 13 B TA yellow pine, 20 ins. diam., bears S. 45° W., 58 lks. dist., mkd. $\frac{1}{4}$ S 14 B T

45.00 Spur, slopes NE.; desc. 31 ft. over N. slope.

56.99 Wash, 3 lks. wide, course N. 80° E.; asc. 12 ft. over S. slope.

64.50 Spur, slopes NE.

74.50 Desc. 29 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

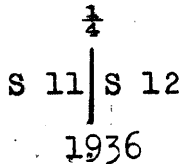
$$\begin{array}{c} \text{T } 11 \text{ N } R \text{ 16 } E \\ | \\ \text{S } 11 \mid \text{S } 12 \\ | \\ \text{S } 14 \mid \text{S } 13 \\ | \\ 1936 \end{array}$$

from which

A jack pine, 12 ins. diam., bears N. $30\frac{1}{2}^\circ$ E., 67 lks. dist., mkd. T 11 N R 16 E S 12 B TA jack pine, 14 ins. diam., bears S. $49\frac{3}{4}^\circ$ E., 19 lks. dist., mkd. T 11 N R 16 E S 13 B TA yellow pine, 24 ins. diam., bears S. $59\frac{1}{4}^\circ$ W., 215 lks. dist., mkd. T 11 N R 16 E S 14 B TA yellow pine, 30 ins. diam., bears N. $54\frac{1}{2}^\circ$ W., 94 lks. dist., mkd. T 11 N R 16 E S 11 B T

Chains	Land, rolling. Soil, sandy loam, 2nd rate; and rocky 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.
	N. 89° 56' E., on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.05	A point 9 lks. N. of cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., 6 ins. above ground, firmly set, marked and witnessed as described in the field notes of the W. bdy. of T. 11 N., R. 17 E., surveyed under this group.
	Thence
	West, on a true line bet. secs. 12 and 13.
	Over rolling land, through heavy timber and scattered undergrowth.
	Asc. 109 ft. over E. slope.
16.41	Old road on top of ridge, bears N. to Heber, and S. to Turkey Springs.; desc. 79 ft. over W. slope.
26.26	Wash, 3 lks. wide, course NW.; asc. 27 ft. over NE. slope.
29.10	Spur, slopes S.; desc. 45 ft. over W. slope.
35.55	Enter wash, course NW.
37.55	Leave wash, course NW.
40.03	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.
	$\frac{1}{4}$ $\frac{S\ 12}{S\ 13}$
	1936
	from which
	A jack pine, 10 ins. diam., bears N. 17° E., 83 lks. dist., mkd. $\frac{1}{4}$ S 12 B T
	A jack pine, 14 ins. diam., bears S. 30 $\frac{1}{2}$ ° W., 83 lks. dist., mkd. $\frac{1}{4}$ S 13 B T
42.53	Wash, 20 lks. wide, course NE.; asc. 53 ft. over SE. slope.
51.70	Spur, slopes NE.; desc. 71 ft. over NW. slope.
64.28	Old pole fence, bears NE. and SW. 4 chs. to cor.; enter meadow.
69.19	Old pole fence, bears NW. 2 chs. to cor., and SE. 3 chs. to cor.
73.18	Leave meadow, bears NW. and SE.; asc. 48 ft. over E. slope.
77.60	Short spur, slopes NE.; desc. 15 ft. over W. slope.
80.05	The cor. of secs. 11, 12, 13 and 14. Land, rolling. Soil, sandy loam, 1st and 2nd rate; and rocky 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine.

Chains N. 0° 01' W., bet. secs. 11 and 12.
 Over rolling land, through heavy timber and scattered undergrowth.
 Desc. 31 ft. over NW. slope.
 2.66 Wash, 10 lks. wide, course E.; asc. 31 ft. over SE. slope.
 9.00 Spur, slopes SW.; desc. 29 ft. over NW. slope.
 18.72 Wash, 3 lks. wide, course SW.; asc. 52 ft. over SE. slope.
 29.50 Unimproved Forest Service road, bears N. 80° W. and S. 80° E., to Heber, on top of flat spur, slopes SE.; continue over nearly 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.



from which

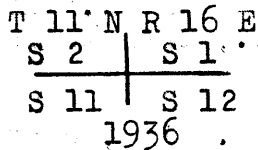
A juniper, 24 ins. diam., bears S. 81 $\frac{3}{4}$ ° E., 90 lks. dist., mkd. $\frac{1}{4}$ S 12 B T

A yellow pine, 20 ins. diam., bears S. 51° W., 103 lks. dist., mkd. $\frac{1}{4}$ S 11 B T

Desc. 92 ft. over NW. slope.

65.43 Wash, 10 lks. wide, course NE.; asc. 32 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, with a cross (x) mkd. at the base, and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.



from which

A yellow pine, 10 ins. diam., bears N. 20° E., 59 lks. dist., mkd. T 11 N R 16 E S 1 B T

A yellow pine, 12 ins. diam., bears S. 80 $\frac{1}{2}$ ° E., 54 lks. dist., mkd. T 11 N R 16 E S 12 B T

A yellow pine, 24 ins. diam., bears S. 37 $\frac{1}{2}$ ° W., 101 lks. dist., mkd. T 11 N R 16 E S 11 B T

A yellow pine, 8 ins. diam., bears N. 38 $\frac{1}{2}$ ° W., 24 lks. dist., mkd. T 11 N R 16 E S 2 B T

Land, rolling and level.
Soil, rocky 3rd rate.
Timber, heavy yellow pine, juniper and oak; undergrowth, jack pine and scrub juniper.

East, on a random line bet. secs. 1 and 12.

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

Chains

80.05

Intersect the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., 8 ins. above the top of a mound of stone, 4 ft. base, 28 ins. high, firmly set, marked and witnessed as described in the field notes of the W. bdy. of T. 11 N., R. 17 E., surveyed under this group.

Thence

West, on a true line bet. secs. 1 and 12.

Over rolling land, through heavy timber and scattered undergrowth..

Desc. 20 ft; over W. slope.

6.15

Unimproved road, bears SW. and Ne. to Heber.

7.01.

Buckskin Wash, 30 lks. wide, course N. 10° W.; continue over nearly level land...

22. 05

Wash, 3 lks. wide, course N. 80° E.; asc. 158 ft. over SE. slope.

40.02

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

1936

from which

A juniper, 10 ins. diam., bears N. 33° E., 81 lks. dist., mkd. $\frac{1}{4}$ S 1 B T

A yellow pine, 20 ins. diam., bears S. 12° E., 28 lks. dist., mkd. $\frac{1}{4}$ S 12 B T

42.02

Wire fence, bears N. 50° E. and S. 50° W., on spur slopes NE.; desc. 17 ft. over NW. slope.

49.20

Spur, slopes S.

49.50

Wire fence, bears N. 76° W. and S. 76° E., approximate 6 chs. dist., then turns N. 50° E.; desc. 157 ft. over W. slope.

71.71

Wash, 10 lks. wide, course N.; asc. 65 ft. over E. slope.

80.05

The cor. of secs. 1, 2, 11 and 12.

Land, rolling and level.

Soil, gravelly, 3rd rate; and rocky 4th. rate.

Timber, heavy yellow pine, juniper and oak; undergrowth, jack pine.

N. 0° 01' W., on a random line bet. secs. 1 and 2.

40.00.

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

85.21

A point 10 lks. W. of cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described.

Thence

S. 0° 03' W., on a true line bet. secs. 1 and 2.

Over rolling mountains, through heavy timber and scattered undergrowth.

Desc. 15 ft. over gradual SE. slope.

Chains

5.21. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. of lots 4 and 5 of sec. 1, and lots 1 and 8 of sec. 2, with brass cap mkd.

$$\begin{array}{c} \text{S } 2 \frac{1}{4} \text{ S } 1 \\ \hline 8 \frac{1}{2} \\ 1936 \end{array}$$

5.76 Draw, 10 lks. wide, course E.; asc. 46 ft. over NE. slope.

9.70 Spur, slopes SE.; desc. 55 ft. over SE. slope.

22.21 Draw; course E.; asc. 33 ft. along gradual E. slope.

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

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S } 2 \text{ S } 1 \\ 1936 \end{array}$$

from which

A pine, 16 ins. diam.; bears S. $48\frac{1}{2}^{\circ}$ E., 41 lks. dist., mkd. $\frac{1}{4}$ S 1 B T

A pine, 16 ins. diam., bears S. 39° W., 61 lks. dist., mkd. $\frac{1}{4}$ S 2 B T

48.96 Old road, bears S. 45° W. and N. 45° E., 2 chs. dist., then turns N. 10° E.; desc. 27 ft. over SE. slope.

50.33 Draw, 5 lks. wide, course N. 80° E.; asc. 112 ft. over NW. slope.

71.20 Spur, slopes N. 10° E.; continue along E. slope.

81.21 Forest Service fence, bears E. and W.

85.21 The cor. of secs. 1, 2, 11 and 12.

Land, rolling mountains.

Soil, sandy loam, 1st and 2nd rate; and gravelly, 3rd rate.

Timber, heavy pine, with scattering oak and juniper. Undergrowth, 2nd growth pine and juniper.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the N. bdy. of T. 10 N., R. 16 E., surveyed under this group. N. 0° $01'$ W., bet. secs. 34 and 35.

Over rolling mountains, through dense timber and scattered undergrowth.

Along top of ridge.

2.30 Desc. 128 ft.

40.00 True point for $\frac{1}{4}$ sec. cor. falls in wash, 30 lks. wide, 4 ft. deep, course N. 10° E.

Chains

40.20: Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 34 \text{ | S } 35 \\ \text{W | C} \end{array}$$

1936

from which

An oak, 12 ins. diam., bears N. $17\frac{3}{4}^{\circ}$ E., 20 lks. dist., mkd. W C $\frac{1}{4}$ S 35 B TA pine, 6 ins. diam., bears N. $77\frac{1}{2}^{\circ}$ W., 69 lks. dist., mkd. W C $\frac{1}{4}$ S 34 B T

Continue over nearly level land, along canyon.

45.00 Leave canyon; continue over rolling land.

61.00 Enter meadow, bears NE. and SW.; old cabin bears W. $2\frac{1}{2}$ chs. dist.

66.00 Leave meadow, bears NE. and SW.; meadow drains NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

$$\begin{array}{c} \text{T 11 N R 16 E} \\ \text{S } 27 \text{ | S } 26 \\ \text{S } 34 \text{ | S } 35 \\ \text{1936} \end{array}$$

from which

A pine, 20 ins diam., bears N. 63° E., 84 lks. dist., mkd. T 11 N R 16 E S 26 B TA pine; 18 ins. diam., bears S. $26\frac{3}{4}^{\circ}$ E., 30 lks. dist., mkd. T 11 N R 16 E S 35 B TAn oak, 8 ins. diam., bears S. 40° W., 65 lks. dist., mkd. T 11 N R 16 E S 34 B TA pine, 14 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ W., 108 lks. dist., mkd. T 11 N R 16 E S 27 B T

Land, rolling mountains and level.

Soil, clay 2nd rate; and rocky, 3rd and 4th rate.

Timber, heavy yellow pine, with scattered oak and juniper.

Undergrowth, 2nd growth pine, oak and juniper.

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

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

80.02 A point 5 lks. S. of cor. of secs. 25, 26, 35 and 36.

Thence

S. $89^{\circ} 58'$ W., on a true line bet. secs. 26 and 35.

Over rolling land, through dense timber and scattered undergrowth.

Asc. 23 ft. over gradual E. slope.

Chains	
17.00	Top of ascent; desc. 23 ft. over gradual W. slope.
23.23	Road, bears S. 10° W. to Bunger Ranch, and N. 10° E. to Heber.
24.23	W. fork of Buckskin Wash, 6 lks. wide, 3 ft. deep, course N. 10° E.; asc. 23 ft.
40.01	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. $\frac{1}{4} \begin{array}{l} \text{S } 26 \\ \hline \text{S } 35 \\ 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>An oak, 7 ins. diam., bears N. 16$\frac{1}{2}$° E., 35 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>A pine, 18 ins. diam., bears South 3 lks. dist., mkd. $\frac{1}{4}$ S 35 B T</p> <p>From this point Cor. No. 4 HES No. 503 bears S. 55° 07' E. 12.76 chs. dist.; a sandstone, 20 x 10 x 9 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Desc. 106 ft. over W. slope.</p>
64.87	Base of slope, continue over valley.
68.60	Wash, 30 lks. wide, 3 ft. deep, course NE.; asc. 42 ft. over SE. slope.
80.02	The cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, clay, 3rd rate; and rocky, 4th rate. Timber, yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.
	N. 0° 01' W., bet. secs. 26 and 27. Over rolling land, through scattered timber and undergrowth.
11.20	Forest Service road, bears E. and W.; desc. 52 ft. over NW. slope.
17.78	Rocky draw, course NE.; asc. 23 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. $\frac{1}{4} \begin{array}{l} \text{S } 27 \mid \text{S } 26 \\ \hline 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>A yellow pine, 10 ins. diam., bears S. 34$\frac{1}{2}$° E., 26 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>An oak, 6 ins. diam., bears S. 24$\frac{1}{2}$° W., 66 lks. dist., mkd. $\frac{1}{4}$ S 27 B T</p> <p>Continue over nearly level land.</p>
65.00	Desc. 27 ft. over NW. slope

Chains

70.16 Wash, 20 lks. wide, 30 ft. deep, course N. 20° E.; continue descending 23 ft. along SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

T 11 N R 16 E			
S 22		S 23	
S 27		S 26	

1936

from which

A yellow pine, 20 ins. diam., bears N. 42 $\frac{1}{2}$ ° E., 57 lks. dist., mkd. T 11 N R 16 E S 23 B TA yellow pine, 12 ins. diam., bears S. 75 $\frac{3}{4}$ ° E., 25 lks. dist., mkd. T 11 N R 16 E S 26 B TA yellow pine, 14 ins. diam., bears S. 57 $\frac{3}{4}$ ° W., 53 lks. dist., mkd. T 11 N R 16 E S 27 B T

A yellow pine, 18 ins. diam., bears N. 48° W., 46 lks. dist., mkd. T 11 N R 16 E S 22 B T

Land, rolling and level.

Soil, clay, 3rd rate; and rocky, 4th rate.

Timber, yellow pine and scattering oak and juniper.

Undergrowth, 2nd growth pine and juniper.

N. 89° 58' E., on a random line bet. secs. 23 and 26.

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

80.02 A point 7 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence

N. 89° 59' W., on a true line bet. secs. 23 and 26.

Over nearly level land, through heavy timber and scattered undergrowth.

16.95 Dry wash, 20 lks. wide, 2 ft. deep, course NE.; asc. 34 ft. over SE. slope.

40.01 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 23
—
$\frac{1}{4}$ S 26

1936

from which

A yellow pine, 22 ins. diam., bears N. 5 $\frac{1}{2}$ ° E., 94 lks. dist., mkd. $\frac{1}{4}$ S 23 B TA yellow pine, 14 ins. diam., bears S. 7 $\frac{1}{2}$ ° E., 41 lks. dist. mkd. $\frac{1}{4}$ S 26 B T

Continue along NW. slope

41.69 Wash, 40 lks. wide, 4 ft. deep, course N. 20° E.; asc. 23 ft. over SE. slope.

Chains	
49.50	Top of ascent; desc. 20 ft. over NW. slope.
73.97	Wash, course NE.; asc. 44 ft. over SE. slope.
80.02	The cor. of secs. 22, 23, 26 and 27.
	Land, level and rolling. Soil, clay, 3rd rate, and rocky 4th rate. Timber, yellow pine, and scattered oak; undergrowth, scattered 2nd growth pine.
	N. 0° 01' W., bet. secs. 22 and 23. Over nearly level land, through heavy timber and scattered undergrowth.
25.40	Wash, 30 lks. wide, 2 ft. deep, course NE.; desc. 23 ft. along SE. slope.
39.00	Asc. 19 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins; in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 22 \text{ } \text{S } 23 \\ \hline 1936 \end{array}$
	from which
	A pine, 16 ins. diam., bears N. 46 $\frac{1}{2}$ ° E., 98 lks. dist., mkd. $\frac{1}{4}$ S 23 B T
	A pine, 16 ins. diam., bears S. 74° W., 54 lks. dist., mkd. $\frac{1}{4}$ S 22 B T
49.00	Desc. 101 ft. over NE. slope.
71.46	Wash, 20 lks. wide, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.
	$\begin{array}{c} \text{T } 11 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 15 \text{ } \text{S } 14 \\ \hline \text{S } 22 \text{ } \text{S } 23 \\ \hline 1936 \end{array}$
	from which
	A yellow pine, 12 ins. diam., bears N. 60 $\frac{3}{4}$ ° E., 128 lks. dist., mkd. T 11 N R 16 E S 14 B T
	An oak, 14 ins. diam., bears S. 31 $\frac{1}{2}$ ° E., 106 lks. dist., mkd. T 11 N R 16 E S 23 B T
	A yellow pine, 20 ins. diam., bears S. 60 $\frac{3}{4}$ ° W., 113 lks. dist., mkd. T 11 N R 16 E S 22 B T
	A yellow pine, 16 ins. diam., bears N. 53 $\frac{1}{4}$ ° W., 22 lks. dist., mkd. T 11 N R 16 E S 15 B T

Chains	Land, nearly level and rolling. Soil, sandy clay loam in bottoms, 1st and 2nd rate; and rocky, 3rd rate on spurs. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.
	S. 89° 59' E., on a random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	A point 7 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence S. 89° 58' W., on a true line bet. secs. 14 and 23. Over rolling land, through heavy timber and scattered undergrowth.
9.44	Wash, 50 lks. wide, course N.; continue over bottom land.
14.44	Leave bottom land, bears N. and S.; asc. 42 ft. over SE. slope.
31.40.	Spur, slope N. 10° E.; desc. 16 ft. over NW. slope.
34.97	Small drain, course N.; Asc. 17 ft. over E. slope.
39.99	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. $\frac{1}{4}$ $\frac{S\ 14}{S\ 23}$ 1936 from which A yellow pine, 24 ins. diam., bears N. 50 $\frac{1}{2}$ ° E., 47 lks. dist., mkd. $\frac{1}{4}$ S 14 B T A yellow pine, 14 ins. diam., bears S. 57° W., 94 lks. dist., mkd. $\frac{1}{4}$ S 23 B T Desc. 23 ft. over SW. slope.
52.65	Wash, 3 lks. wide, course NW., asc. 16 ft. over E. slope.
73.34	Spur, slopes N.; desc. 28 ft. over W. slope
76.31	Wash, 5 lks. wide, course N.; asc. 34 ft. over E. slope.
79.97	The cor. of secs. 14, 15, 22 and 23. Land, rolling. Soil, sandy clay loam, 1st and 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.
	N. 0° 01' W., bet. secs. 14 and 15. Over rolling land, through heavy timber and scattered undergrowth. Desc. 37 ft. over N. slope of spur.

Chains
3.96

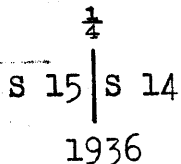
Wash, 20 lks. wide, course N. 80° E.; asc. 65 ft. over S. slope.

13.00 Spur, slopes N. 8° E. and S. 80° W.; continue over rolling land.

26.40 Desc. 57 ft. over N. slope.

39.13 Wash, 6 lks. wide, 10 ft. deep, course E.; asc. 37 ft. over S. slope.

40.00 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 1/4 sec. cor., with brass cap mkd.



from which

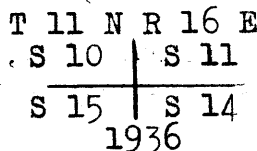
A yellow pine, 20 ins. diam., bears S. 69 1/2° E., 122 lks. dist., mkd. 1/4 S 14 B T

A yellow pine, 20 ins. diam., bears S. 87 1/2° W., 80 lks. dist., mkd. 1/4 S 15 B T

Asc. 29 ft. over S. slope.

49.20 Spur, slopes SE.; continue over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.



from which

A yellow pine, 20 ins. diam., bears N. 42 1/4° E., 133 lks. dist., mkd. T 11 N R 16 E S 11 B T

A yellow pine, 16 ins. diam., bears S. 20 1/2° E., 89 lks. dist., mkd. T 11 N R 16 E S 14 B T

A yellow pine, 8 ins. diam., bears S. 57 1/2° W., 190 lks. dist., mkd. T 11 N R 16 E S 15 B T

A yellow pine, 24 ins. diam., bears N. 47 1/2° W., 49 lks. dist., mkd. T 11 N R 16 E S 10 B T

Land, rolling.

Soil, sandy clay loam, 1st and 2nd rate; and rocky, 3rd rate.

Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.

N. 89° 58' E., on a random line bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.00 A point 5 lks. N. of cor. of secs. 11, 12, 13 and 14.

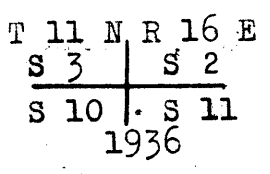
Subdivisions of T. 11 N., R. 16 E.

Chains	Thence
	West, on a true line, bet. secs. 11 and 14. Over rolling land, through heavy timber and scattered undergrowth.
10.76	Draw, course NE.; asc. 53 ft. over SE. slope.
20.00	Spur, slopes NE.; desc. 57 ft. over NW. slope.
32.93	Wash, 5 lks. wide, course NE.; asc. 44 ft. over SE. slope.
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. $\frac{1}{4} \begin{array}{l} S 11 \\ S 14 \\ 1936 \end{array}$ from which A yellow pine, 24 ins. diam., bears N. $54\frac{1}{2}^{\circ}$ E., 65 lks. dist., mkd. $\frac{1}{4}$ S 11 B T A yellow pine, 14 ins. diam., bears S. $9\frac{3}{4}^{\circ}$ W., 121 lks. dist., mkd. $\frac{1}{4}$ S 14 B T Asc. 12 ft. over SE. slope..
42.50	Low spur, slopes S.; continue over nearly level land.
65.00	Asc. 57 ft. over E. slope.
80.00	The cor. of secs. 10, 11, 14 and 15. Land, rolling. Soil, sandy clay loam, 1st and 2nd rate; and rocky, 3rd rate. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine and juniper.
	N. $0^{\circ} 01'$ W., bet. secs. 10 and 11. Over rolling land, through heavy timber and scattered undergrowth.
19.70	Old road, bears N. 45° E and S. 30° W.; desc. 21 ft. over gradual 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. $\frac{1}{4} \begin{array}{l} S 10 S 11 \\ 1936 \end{array}$ from which A yellow pine, 20 ins. diam., bears N. 80° E., 85 lks. dist., mkd. $\frac{1}{4}$ S 11 B T A yellow pine, 12 ins. diam., bears S. $72\frac{1}{4}^{\circ}$ W., 176 lks. dist., mkd. $\frac{1}{4}$ S 10 B T Desc. 67 ft. over NW. slope.
52.73	Old road, bears N. 20° E. and S. 20° W.

Subdivisions of T. 11 N., R. 16 E.

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- Chains
- 53.22 Wash, 10 lks. wide, course NE.; asc. 61 ft. over SE. slope.
- 70.90 Spur, slopes SE.; continue ascending.
- 74.20 Draw, course SE.; asc. 29 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.



from which

A yellow pine, 14 ins. diam., bears N. 46½° E., 185 lks. dist., mkd. T 11 N R 16 E S 2 B T

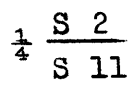
A yellow pine, 16 ins. diam., bears S. 53° E., 166 lks. dist., mkd. T 11 N R 16 E S 11 B T

A yellow pine, 12 ins. diam., bears S. 20½° W., 90 lks. dist., mkd. T 11 N R 16 E S 10 B T

A yellow pine, 10 ins. diam., bears N. 54° W., 111 lks. dist., mkd. T 11 N R 16 E S 3 B T

Land, rolling mountains.
Soil, sandy clay, 2nd rate; and rocky, 3rd rate.
Timber, heavy yellow pine, with scattered oak and juniper.
Undergrowth, 2nd growth pine.

- East, on a random line bet. secs. 2 and 11.
- 40.00 Set temp. ¼ sec. cor.
- 79.99 A point 5 lks. S. of cor. of secs. 1, 2, 11 and 12.
Thence
S. 89° 58' W., on a true line bet. secs. 2 and 11.
Over rolling land, through heavy timber and scattered undergrowth.
Asc. 39 ft. over E. slope.
- 7.20 Spur, slopes N.; desc. 60 ft. over NW. slope.
- 21.46 Wash, 8 lks. wide, course N. 10° W.; asc. 23 ft. over NE. slope.
- 24.20 Spur, slopes N.; desc. 51 ft. over W. slope.
- 35.79 Enter meadow land, bears N. and S.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor.; with brass cap mkd.



1936

from which

Chains

A yellow pine, 14 ins. diam., bears N. 82 1/4° E., 164 lks. dist., mkd. 1/4 S 2 B T

A yellow pine; 10 ins. diam., bears S. 39 1/2° E., 75 lks. dist., mkd. 1/4 S 11 B T

40.77 Fence, bears N. 64° E. and S. 64° W. for 150 lks. dist., thence W.

41.91 Drain, 2 lks. wide, course NE.; asc. 54 ft. over SE. slope.

42.31 Road, bears N. and S.

48.60 point of spur, slopes S.; desc. 21 ft. over W. slope.

50.65 Small drain, course SE.; asc. 101 ft. over SE. slope.

57.23 Fence, bears S. 75° E. and N. 75° W.

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

Land, rolling.

Soil, rocky, 3rd and 4th rate.

Timber, dense yellow pine, with scattered oak and juniper.

Undergrowth, 2nd growth pine and juniper.

N. 0° 03' E., on a random line bet. secs. 2 and 3.

40.00 Set temp. 1/4 sec. cor.

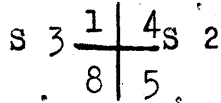
85.11 A point 12 lks. W. of cor. of secs. 2, 3, 34 and 35, hereinbefore described. on the N. bdy. of the Tp.,

Thence

S. 0° 08' W., on a true line bet. secs. 2 and 3.

Over rolling land, through heavy timber and scattered undergrowth.

5.11 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5 of sec. 2, and lots 1 and 8 of sec. 3, with brass cap mkd.



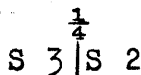
1936

8.81 Forest Service road, on low ridge, bears N. 30° E. and S. 30° W.

Desc. 17 ft. over SE. slope.

26.11 Head of drain, course NE.; asc. 12 ft. over NW. slope.

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



1936

from which

Chains

A juniper, 10 ins. diam., bears N. 73³/₄° E., 84 lks. dist., mkd. ¹/₄ S 2 B T

An oak, 8 ins. diam., bears S. 77° W., 46 lks. dist., mkd. ¹/₄ S 3 B T

Desc. 32 ft. over rolling land.

58.65 Wash, 10 lks. wide, course NE.; asc. 58 ft. over NW. slope.

81.11 Forest Service fence, bears E. and W.

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

Land, rolling.

Soil, rocky, 3rd rate.

Timber; heavy yellow pine, with scattered oak and juniper.

Undergrowth, 2nd growth pine and juniper.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the N. bdy. of T. 10 N., R. 16 E., surveyed under this group.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling mountains, through heavy timber and scattered undergrowth.

Desc. 169 ft. over N. slope.

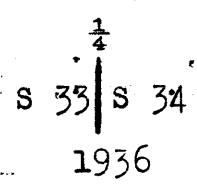
13.20 Continue along E. slope, parallel to wash, 100 lks. E.

25.55 Wash, 10 lks. wide, course NE.

28.83 Same wash, 10 lks. wide, course from SE. to NE.; asc. 10 ft. over SE. slope.

30.80 Small spur, slopes E.; desc. 42 ft. along broken E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¹/₄ sec. cor., with brass cap mkd.



from which

A yellow pine, 16 ins. diam., bears S. 65° E., 66 lks. dist., mkd. ¹/₄ S 34 B T

A yellow pine, 10 ins. diam., bears S. 82° W., 13 lks. dist., mkd. ¹/₄ S 33 B T

58.20 Draw, 3 lks. wide, course E.

63.00 Forest Service road, bears N. 54° E. and S. 54° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

Chains

T 11 N R 16 E	
S 28	S 27
S 33	S 34
1936	

from which

A yellow pine, 16 ins. diam., bears N. $27\frac{1}{4}^{\circ}$ E., 85 lks. dist. mkd. T 11 N R 16 E S 27 B T

A yellow pine, 24 ins. diam., bears S. $68\frac{1}{2}^{\circ}$ E., 51 lks. dist., mkd. T 11 N R 16 E S 34 B T

A yellow pine, 28 ins. diam., bears S. $10\frac{1}{4}^{\circ}$ W., 128 lks. dist., mkd. T 11 N R 16 E S 33 B T

A yellow pine, 10 ins. diam., bears N. 34° W., 67 lks. dist. mkd. T 11 N R 16 E S 28 B T

Land, rolling mountains.

Soil, rocky, 3rd rate.

Timber, heavy yellow pine, spruce and oak; undergrowth, jack pine.

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

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

80.00 A point 16 lks. N. of cor. of secs. 26, 27, 34 and 35.

Thence

N. $89^{\circ} 53'$ W., on a true line bet. secs. 27 and 34.

Over rolling land, through dense timber and undergrowth.

6.52 Wash, 4 lks. wide, course NE.; asc. 17 ft. over NE. slope.

15.00 Low spur, slopes N.; continue over rolling land.

18.92 Wash, 5 lks. wide, course NE.; asc. 49 ft. over NE. slope.

32.00 Low spur, slopes N.; desc. 16 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.

$\frac{1}{4}$ S 27
S 34

1936

from which

A yellow pine, 8 ins. diam., bears N. $40\frac{1}{2}^{\circ}$ W., 69 lks. dist., mkd. $\frac{1}{4}$ S 27 B T

A yellow pine, 12 ins. diam., bears S. $14\frac{1}{2}^{\circ}$ E., 16 lks. dist., mkd. $\frac{1}{4}$ S 34 B T

Desc. 18 ft. over SW. slope.

43.50 Wash, 2 lks. wide, course N.; asc. 30 ft. over NE. slope.

56.00 Spur, slopes N.

60.13 Forest Service road, bears N. 45° E. and S. 45° W.; desc.

Subdivisions of T. 11 N., R. 16 E.

37

ECCOR 4114

Chains	25 ft. over NW. slope.
69.04	Wash, 20 lks. wide, course N. 10° E.; asc. 39 ft. over SE. slope.
80.00	The cor. of secs. 27, 28, 33 and 34. Land, rolling. Soil, sandy loam, 2nd rate; and rocky, 3rd rate. Timber, dense yellow pine and oak; undergrowth, dense jack pine.
	N. 0° 02' W., bet. secs. 27 and 28. Over rolling land, through heavy timber and scattered undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S 28 S 27 1936 </div> from which A yellow pine, 10 ins. diam., bears N. 62 $\frac{1}{4}$ ° E., 20 lks. dist., mkd. $\frac{1}{4}$ S 27 B T A yellow pine, 8 ins. diam., bears N. 82 $\frac{1}{4}$ ° W., 11 lks. dist., mkd. $\frac{1}{4}$ S 28 B T
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap mkd. <div style="text-align: center;"> T 11 N R 16 E S 21 S 22 S 28 S 27 1936 </div> from which A yellow pine, 16 ins. diam., bears N. 61 $\frac{1}{2}$ ° E., 102 lks. dist., mkd. T 11 N R 16 E S 22 B T A yellow pine, 6 ins. diam., bears S. 71 $\frac{1}{2}$ ° E., 94 lks. dist., mkd. T 11 N R 16 E S 27 B T A yellow pine, 12 ins. diam., bears S. 27° W., 58 lks. dist., mkd. T 11 N R 16 E S 28 B T A yellow pine, 10 ins. diam., bears N. 63 $\frac{1}{4}$ ° W., 80 lks. dist., mkd. T 11 N R 16 E S 21 B T Land, rolling, nearly level. Soil, clay, 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine.
	S. 89° 53' E., on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

Chains

80.00

A point 7 lks. S. of cor. of secs. 22, 23, 26 and 27.

Thence

N. 89° 56' W., on a true line bet. secs. 22 and 27.

Over rolling land, through heavy timber and scattered undergrowth.

11.71

Center of wash, 30 lks. wide, course NE.; asc. 23 ft.

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.
$$\frac{1}{4} \begin{array}{c} S 22 \\ S 27 \end{array}$$

1936

from which

A yellow pine, 10 ins. diam., bears N. 5 $\frac{1}{2}$ ° W., 58 lks. dist., mkd. $\frac{1}{4}$ S 22 B TA yellow pine, 12 ins. diam., bears S. 18° E., 50 lks. dist., mkd. $\frac{1}{4}$ S 27 B T

50.80

Wash, 10 lks. wide, course NE.; asc. 20 ft. over SE. slope.

60.00

Top of ascent; desc. 18 ft. over NW. slope.

80.00

The cor. of secs. 21, 22, 27 and 28.

Land, rolling.

Soil, clay, 3rd rate.

Timber, heavy yellow pine, with scattered oak and juniper.

Undergrowth, 2nd growth pine.

N. 0° 02' W., bet. ~~secs.~~ 21 and 22.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 12 ft.

21.18

Wash, 5 lks. wide, course E.

26.29

Road, bears S. 60° W. and N. 70° E.

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.
$$\frac{1}{4} \begin{array}{c} S 21 \\ S 22 \end{array}$$

1936

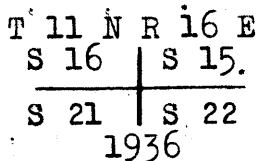
from which

A yellow pine, 20 ins. diam., bears N. 55 $\frac{1}{2}$ ° E., 65 lks. dist., mkd. $\frac{1}{4}$ S 22 B TA yellow pine, 20 ins. diam., bears N. 64 $\frac{1}{2}$ ° W., 112 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

Subdivisions of T. 11 N., R. 16 E.

Doc. 4114

Chains Desc. 37 ft.
 64.19 Center of wash, 81 lks. wide, course N. 80° E
 74.16 Forest Service road, bears N. 45° E. and S. 10° W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.



from which

A yellow pine, 20 ins. diam., bears N. 75° E., 57 lks. dist., mkd. T 11 N R 16 E S 15 B T

A yellow pine, 22 ins. diam., bears S. 22³/₄° E., 65 lks. dist., mkd. T 11 N R 16 E S 22 B T

A yellow pine, 9 ins. diam., bears S. 42¹/₂° W., 74 lks. dist., mkd. T 11 N R 16 E S 21 B T

A yellow pine, 6 ins. diam., bears N. 43¹/₄° W., 80 lks. dist., mkd. T 11 N R 16 E S 16 B T

Land, rolling.
 Soil, clay loam, 2nd rate; and rocky, 4th rate.
 Timber, heavy yellow pine, with scattered oak; undergrowth, jack pine.

40.00 S. 89° 56' E., on a random line bet. secs. 15 and 22.
 Set temp. ¹/₄ sec. cor.

79.99 A point 7 lks. N. of cor. of secs. 14, 15, 22 and 23.
 Thence

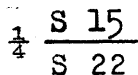
N. 89° 53' W., on a true line bet. secs. 15 and 22.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 18 ft.

20.07 Wash, 10 lks. wide, course NE.; asc. 98 ft. over SE. slope.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for ¹/₄ sec. cor., with brass cap mkd.



1936

from which

An oak, 10 ins. diam., bears N. 17° W., 129 lks. dist., mkd. ¹/₄ S 15 B T

A yellow pine, 12 ins. diam., bears S. 39¹/₂° W., 43 lks. dist., mkd. ¹/₄ S 22 B T

Subdivisions of T. 11 N., R. 16 E.

Chains	Asc. 61 ft. over E. slope.
43.90	Spur, slopes NE.; desc. 61 ft. over NW. slope.
58.38	Wash, 8 lks. wide, course NE.; asc. 81 ft. over SE. slope.
75.93	Forest Service road, top of low ridge, bears N. 45° E. and S. 45° W.; desc. 19 ft. over NW. slope.
79.99	The cor. of secs. 15, 16, 21 and 22. Land, rolling. Soil, clay, 2nd rate; and rocky, 3rd rate. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine.
	N. 0° 02' W., bet. secs. 15 and 16. Over rolling land, through heavy timber and scattered undergrowth.
23.40	Bend in road, S. 20° E. and N. 45° E., bears E. 20 lks. dist.
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. $\begin{array}{c} \frac{1}{4} \\ \text{S } 16 \text{ S } 15 \\ 1936 \end{array}$ from which A yellow pine, 12 ins. diam., bears N. 44 $\frac{1}{2}$ ° E., 75 lks. dist., mkd. $\frac{1}{4}$ S 15 B T A yellow pine, 8 ins. diam., bears N. 20 $\frac{1}{4}$ ° W., 144 lks. dist., mkd. $\frac{1}{4}$ S 16 B T Continue over rolling mountains; desc. 146 ft. over N. slope.
58.53	Ravine, course NW.; asc. 50 ft. over SW. slope.
62.00	Spur, slopes W.; desc. 48 ft. over NW. slope.
66.36	Ravine, course W.; asc. 130 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd. $\begin{array}{c} \text{T } 11 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 9 \text{ S } 10 \\ \text{S } 16 \text{ S } 15 \\ 1936 \end{array}$ from which A yellow pine, 12 ins. diam., bears N. 73° E., 101 lks. dist. mkd. T 11 N R 16 E S 10 B T A yellow pine, 28 ins. diam., bears S 41 $\frac{1}{2}$ ° E., 75 lks. dist., mkd. T 11 N R 16 E S 15 B T A yellow pine, 16 ins. diam., bears S. 46 $\frac{1}{4}$ ° W., 124 lks. dist., mkd. T 11 N R 16 E S 16 B T

Subdivisions of T. 11 N., R. 16 E.

BOOK 4114

Chains	<p>A yellow pine, 8 ins. diam., bears N. 78° W., 141 lks. dist.; mkd. T-11 N R 16 E S 9 B T</p> <p>Land, rolling mountains. Soil, clay, 2nd rate; and rocky, 3rd rate. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine.</p>
40.00 80.03	<p>S. 89° 53' E., on a random line bet. secs. 10 and 15.</p> <p>Set temp. 1/4 sec. cor.</p> <p>A point 9 lks. S. of cor. of secs. 10, 11, 14 and 15.</p> <p>Thence</p> <p>N. 89° 57' W., on a true line bet. secs. 10 and 15.</p> <p>Over nearly level land, through heavy timber and scattered undergrowth.</p> <p>Asc. 17 ft. over gradual E. slope.</p>
8.43 15.03 36.63 40.02	<p>Forest Service road, bears N. 20° E. and S. 20° W. on top of spur, slopes NE.</p> <p>Head of ravine, course NE.</p> <p>Forest Service road, bears N. 30° E. and S. 30° W.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.</p>
50.64 67.73 80.03	<p style="text-align: center;"> $\frac{1}{4} \begin{array}{l} S 10 \\ S 15 \end{array}$ 1936 </p> <p style="text-align: right;">from which</p> <p>A juniper, 30 ins. diam., bears N. 33 3/4° W., 137 lks. dist., mkd. 1/4 S 10 B T</p> <p>A yellow pine, 10 ins. diam., bears S. 67° W., 136 lks. dist., mkd. 1/4 S 15 B T</p> <p>wash, 5 lks. wide, course NE.</p> <p>Forest Service road, bears N. 20° W. and S. 20° E.</p> <p>The cor. of secs. 9, 10, 15 and 16.</p> <p>Land, nearly level. Soil, clay and rocky, 3rd rate. Timber, heavy yellow pine, with scattered oak and juniper. Undergrowth, 2nd growth pine.</p>
12.94	<p>N. 0° 02' W., bet. secs. 9 and 10.</p> <p>Over rolling mountains, through heavy timber and scattered undergrowth.</p> <p>Desc. 63 ft. over NW. slope.</p> <p>Head of ravine, course N. 80° W.; asc. 33 ft. over SW. slope.</p>

Chains

- 30.00 Spur, slopes W.; desc. 117 ft. over N. slope.
- 30.55 Forest Service fence bears N. 80° E. and S. 80° W.
- 39.22 Ravine, course W.; asc. 9 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \uparrow \\ \text{S } 9 \mid \text{S } 10 \\ 1936 \end{array}$$

from which

A yellow pine, 12 ins. diam., bears S. 47° E., 27 lks. dist., mkd. $\frac{1}{4}$ S 10 B T

A spruce, 12 ins. diam., bears S. 89 $\frac{1}{2}$ ° W., 62 lks. dist., mkd. $\frac{1}{4}$ S 9 B T

Asc. 93 ft. over SW. slope.

- 53.70 Spur, slopes NW.; desc. 192 ft. over NE. slope.
- 71.50 Wash, 5 lks. wide, course NW.; asc. 60 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

$$\begin{array}{c} \text{T 11 N R 16 E} \\ \text{S } 4 \mid \text{S } 3 \\ \hline \text{S } 9 \mid \text{S } 10 \\ 1936 \end{array}$$

from which

A spruce, 12 ins. diam., bears N. 9 $\frac{1}{2}$ ° E., 31 lks. dist., mkd. T 11 N R 16 E S 3 B T

A yellow pine, 6 ins. diam., bears S. 60 $\frac{1}{4}$ ° E., 69 lks. dist., mkd. T 11 N R 16 E S 10 B T

A spruce, 8 ins. diam., bears S. 9 $\frac{1}{4}$ ° W., 83 lks. dist., mkd. T 11 N R 16 E S 9 B T

A spruce, 14 ins. diam., bears N. 16° W., 29 lks. dist., mkd. T 11 N R 16 E S 4 B T

Land, rolling mountains.

Soil, rocky, 4th rate.

Timber, heavy yellow pine and spruce, with scattered oak and juniper; undergrowth, 2nd growth pine.

- 40.00 S. 89° 57' E., on a random line bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 A point 7 lks. S. of cor. of secs. 2, 3, 10 and 11. Thence West, on a true line bet. secs. 3 and 10.

Chains Over rolling land, through heavy timber and scattered undergrowth.

23.34 Forest Service road, bears N. 10° E. and S. 10° W.

39.97 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S \ 3 \\ S \ 10 \end{array}$$
 1936

from which

A yellow pine, 8 ins. diam., bears N. 24¾° E., 36 lks. dist., mkd. ¼ S 3 B T

A yellow pine, 12 ins. diam., bears S. 10° W., 60 lks. dist., mkd. ¼ S 10 B T

43.05 Wash, 3 lks. wide, course NW.

49.45 Forest Service fence, bears S. 30° W. and N. 30° E., for 3.50 chs. dist.; thence E.; asc. 34 ft. over NE. slope.

67.25 Spur, slopes N.; desc. 128 ft. over NW. slope.

79.94 The cor. of secs. 3, 4, 9 and 10.

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

N. 0° 08' E., on a random line bet. secs. 3 and 4.

40.00 Set temp. ¼ sec. cor.

85.10 A point 8 lks. E. of cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.

Thence

S. 0° 04' W., on a true line bet. secs. 3 and 4.

Over rolling land, through heavy timber and jack pine.

Asc. 27 ft. over NW. slope.

.90 Small spur, slopes NE.; desc. 50 ft. over SE. slope.

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

T 11 N R 16 E
 S 4 | 1 M
 | S 3
 1936

6.40 Foot of descent. Enter meadow, bears NE. and SW.

15.17 Intersect line 1-2 HES No. 454 at a point from which, point for Cor. No. 1 bears S. 51° 17' E., 2.37 chs. dist., as determined from the old bearing trees.

from which

Chains	Original bearing trees
	A pine, 20 ins. diam., bears S. 22° 15' W., 168 lks. dist.,
	A pine, (dead and standing) 26 ins. diam., bears N. 53° 52' W., 83 lks. dist. Both trees properly marked.
	From the same point, Cor. No. 2 HES No. 454 bears N. 51° 17' W., 3.88 chs. dist.; a limestone boulder 18 x 9 x 8 ins. above ground, marked with a cross on top and 2 HES 454.
	from which
	Original bearing trees
	A pine, (dead and standing) 36 ins. diam., bears S. 48½° E., 69 lks. dist.
	A yellow pine, 24 ins. diam., bears S. 43½° W., 162 lks. dist. Both trees properly marked.
	Continue over meadow land.
16.40	Leave meadow, bears NE. and SW.; asc. 37 ft. over NE. slope.
21.38	Spur, slopes E.; desc. 34 ft. over SE. slope.
27.25	Foot of descent. Enter Black Canyon, course NE.
33.65	Black Canyon Forest Service road, bears N. 45° E. to Heber, and S. 45° W. to Young.
42.93	Leave Black Canyon; asc. 40 ft. over NW. slope.
45.10	Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap. mkd.
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 4 \text{ S } 3 \\ 1936 \end{array}$
	from which
	A spruce, 16 ins. diam., bears N. 68½° E., 23 lks. dist., mkd. ¼ S 3 B T
	A spruce, 20 ins. diam., bears S. 76° W., 34 lks. dist., mkd. ¼ S 4 B T
	Continue ascending 128 ft. over NW. slope.
63.13	Spur, slopes W.; desc. 59 ft. over SW. slope.
72.86	Drain, course W.; asc. 45 ft. over NW. slope.
77.71	Spur, slopes W.; desc. 91 ft. over SW. slope.
84.36	Ravine, course SW.; asc. 34 ft. over N. slope.
85.10	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling and level.
	Soil, sandy loam, 2nd rate; and rocky, 4th rate.
	Timber, heavy yellow pine, and scattered oak and juniper.
	Undergrowth, 2nd growth pine, oak and juniper.

Chains From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the N. bdy. of T. 10 N., R. 16 E., surveyed under this group.
 N. 0° 02' W., bet. secs. 32 and 33.

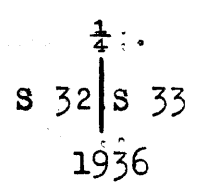
Over rolling mountains, through dense timber and undergrowth.

Over top of flat ridge, bears NE. and SW.

8.10 Leave ridge, bears NE. and SW.; desc. 399 ft. over NW. slope.

38.46 Draw, course NW., thence along 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.



from which

A yellow pine, 6 ins. diam., bears N. 52 $\frac{1}{2}$ ° E., 73 lks. dist., mkd. $\frac{1}{4}$ S 33 B T

A yellow pine, 10 ins. diam., bears S. 79° W., 32 lks. dist., mkd. $\frac{1}{4}$ S 32 B T

Continue along SW. slope.

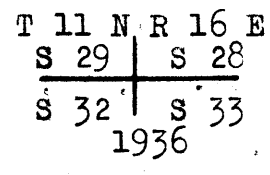
41.60 Low spur, slopes NW.; desc. 86 ft. over NW. slope.

58.74 Canyon, course NW.; asc. 17 ft. over SW. slope.

60.83 Low spur, slopes NE.; desc. 57 ft. over NW. slope.

72.18 Canyon, course NW.; asc. 19 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.



from which

A yellow pine, 16 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 76 lks. dist., mkd. T 11 N R 16 E S 28 B T

A yellow pine, 6 ins. diam., bears S. 43 $\frac{1}{2}$ ° E., 24 lks. dist., mkd. T 11 N R 16 E S 33 B T

A yellow pine, 20 ins. diam., bears S. 41 $\frac{1}{2}$ ° W., 79 lks. dist., mkd. T 11 N R 16 E S 32 B T

A yellow pine, 18 ins. diam., bears N. 59° W., 76 lks. dist. mkd. T 11 N R 16 E S 29 B T

Land, rolling mountains.
 Soil, rocky clay, 4th rate.
 Timber, yellow pine, fir, spruce, oak and aspen.
 Undergrowth, dense 2nd growth pine.

Chains	East, on a random line bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	A point 4 lks. N. of cor. of secs. 27, 28, 33 and 34. Thence N. $89^{\circ} 58'$ W., on a true line bet. secs. 28 and 33. Over rolling land, through dense timber and undergrowth.
22.57	Flat top ridge, bears NE. and SW.; desc. 43 ft. over SW. slope.
31.61	Canyon, course from S. 25° E. to N. 45° W.; asc. 16 ft. over NE. slope.
33.51	Forest Service road, bears N. 45° W. and S. 45° E.
36.90	Flat spur, slopes SE.; thence along NE. slope.
39.95	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. $\frac{1}{4} \begin{array}{l} S 28 \\ S 33 \end{array}$ 1936 from which A yellow pine, 8 ins. diam., bears N. 53° E., 106 lks. dist., mkd. $\frac{1}{4}$ S 28 B T A yellow pine, 12 ins. diam., bears S. $73\frac{1}{2}^{\circ}$ E., 96 lks. dist., mkd. $\frac{1}{4}$ S 33 B T Asc. 13 ft. over NE. slope.
42.08	Flat spur, slopes SE.; continue along NE. slope.
51.78	Junction of ravines, courses from SW. and SE. to NE.
54.18	Canyon, course NE.; asc. 103 ft. over SE. slope.
64.85	Ridge, bears NE. and SW.; desc. 118 ft. over NW. slope.
66.15	Forest Service road, bears NE. and SW.
79.90	The cor. of secs. 28, 29 , 32 and 33. Land, rolling. Soil, rocky clay, 4th rate. Timber, yellow pine, and scattered oak and juniper. Undergrowth, dense 2nd growth pine.
	N. $0^{\circ} 02'$ W., bet. secs. 28 and 29. Over rolling, choppy land, through heavy timber and dense undergrowth. Desc. 23 ft. along NW. slope.
4.99	Ravine, course NW. asc. 12 ft. over SW. slope.
13.08	Spur, slopes NW.; thence along NW. slope.
28.98	Forest truck trail, bears SE. and N.

Chains
32.98 Flat ridge, bears E. and W.; desc. 53 ft. over NE. slope.
39.95 Canyon, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 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 29 | S 28
1936

from which

A yellow pine, 8 ins. diam., bears S. $89\frac{3}{4}^\circ$ E., 30 lks. dist., mkd. $\frac{1}{4}$ S 28 B T

A yellow pine, 8 ins. diam., bears S. $25\frac{3}{4}^\circ$ W., 69 lks. dist., mkd. $\frac{1}{4}$ S 29 B T

Asc. 17 ft. along NE. slope.

45.59 Ridge, SE. and NW.; desc. 87 ft. over NW. slope.
53.66 Canyon; course NE.; asc. 21 ft. over SE. slope.
55.64 Spur, slopes NE.; desc. 55 ft. over NW. slope.
63.39 Canyon, course NE.; asc. 23 ft. over SE. slope.
74.78 Spur, slopes SE., desc. 14 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. 20, 21, 28 and 29, with brass cap mkd.

T 11 N R 16 E
S 20 | S 21
S 29 | S 28
1936

from which

A yellow pine, 6 ins. diam., bears N. $21\frac{1}{2}^\circ$ E., 36 lks. dist. mkd. T 11 N R 16 E S 21 B T

A yellow pine, 6 ins. diam., bears S. 20° E., 28 lks. dist., mkd. T 11 N R 16 E S 28 B T

A yellow pine, 6 ins. diam., bears S. 13° W., 55 lks. dist., mkd. T 11 N R 16 E S 29 B T

A yellow pine, 8 ins. diam., bears N. $52\frac{1}{2}^\circ$ W., 61 lks. dist., mkd. T 11 N R 16 E S 20 B T

Land, rolling, choppy.
Soil, rocky clay, 4th rate.
Timber, heavy yellow pine, and scattered oak and juniper.
Undergrowth, dense 2nd growth pine.

S. $89^\circ 58'$ E. on airan dem. line betl secs. 21 and 28.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.07 A point 10 lks. N. of cor. of secs. 21, 22, 27 and 28.

Chains	Thence
	N. 89° 54' W., on a true line bet. secs. 21 and 28.
	Over rolling land, through heavy timber and scattered Undergrowth.
20.28	Ridge, bears NE. and SW.; desc. 96 ft. over SW. slope.
29.31	Forest Service road, bears N. 75° W. and N. 60° E.
35.88	Draw, course NW.; asc. 19 ft. over NE. slope.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S 21 \\ \frac{1}{4} \hline S 28 \end{array}$
	1936
	from which
	A yellow pine, 30 ins. diam., bears N. 13 $\frac{1}{4}$ ° E., 78 lks. dist., mkd. $\frac{1}{4}$ S 21 B T
	A yellow pine, 8 ins. diam., bears S. 24 $\frac{1}{2}$ ° E., 8 lks. dist., mkd. $\frac{1}{4}$ S 28 B T
	Desc. 23 ft. over NW. slope.
56.93	Canyon, course N. Forest Service road bears S. and N. 5 chs. dist., thence NW.; asc. 67 ft. over NE. slope.
63.75	Spur, slopes NE.; desc. 82 ft. over NE. slope.
73.85	Canyon, course NE.; asc. 67 ft. over NE. slope.
80.07	The cor. of secs. 20, 21, 28 and 29.
	Land, rolling. Soil, rocky clay, 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, dense 2nd growth pine.
	N. 0° 02' W., bet. secs. 20 and 21.
	Over rolling land, through heavy timber and scattered undergrowth.
	Desc. 97 ft. over NE. slope.
18.06	Road, bears SE. and NW.
22.32	Dry wash, 25 lks. wide, 5 ft. deep; course NW. Enter meadow SE. and NW.
23.07	Intersect line 3-4 HES No. 462 at a point from which Cor. No. 3 bears N. 68° 37' E., 6.38 chs. dist.; a limestone in place, exposed 6 x 6 x 2 ft. above ground, firmly set, marked and witnessed as described in the official record.
	From the same point Cor. No. 4 HES No. 462 bears S. 68° 37' W., 16.68 chs. dist.; a sandstone, 24 x 8 x 6 ins. above ground, firmly set, marked and witnessed as described in the official record.
23.51	Wire fence, bears N. 68° 37' E., and S. 68° 37' W.

Chains

32.27 Leave meadow; asc. 19 ft. over SW. slope.
 33.60 Intersect wire fence on line bet. Cors. 2-3 HES No. 462 at a point from which cor. No. 3 bears S. 35° 53' E., 10.13 chs. dist., hereinbefore described.

From the same point Cor. No. 2 HES No. 462 bears N. 35° 53' W., 28.25 chs. dist.; a limestone, in place, exposed 24 x 16 x 24 ins. above ground, mkd. (x) on top, and 2 HES 462 on S. face; mound of stone S.

from which

Original bearing trees

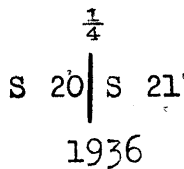
A yellow pine, 28 ins. diam., bears N. 62° 06' E., 61 lks. dist., blaze unopened.

A yellow pine, (dead and fallen) 22 ins. diam., bears S. 47° 56' E., 56 lks. dist.; scribe marks visible.

34.79 Spur, slopes SW.; desc. 34 ft. over NW. slope.

37.74 Ravine, course SW.; asc. 39 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A yellow pine, 14 ins. diam., bears N. 89 $\frac{1}{2}$ ° E., 111 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

A yellow pine, 20 ins. diam., bears N. 24° W., 91 lks. dist., mkd. $\frac{1}{4}$ S 20 B T

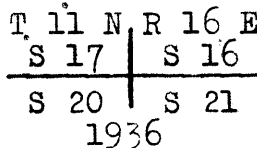
Asc. 80 ft. over SE. slope.

47.26 Ridge, bears NE. and SW.; continue ascending 19 ft. over SE. slope.

60.05 Spur, slopes NE.; desc. 55 ft. over NW. slope.

78.93 Canyon, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.



from which

A yellow pine, 12 ins. diam., bears N. 67 $\frac{1}{2}$ ° E., 155 lks. dist., mkd. T 11 N R 16 E S 16 B T

A yellow pine, 18 ins. diam., bears S. 75 $\frac{1}{2}$ ° E., 66 lks. dist., mkd. T 11 N R 16 E S 21 B T

A yellow pine, 8 ins. diam., bears S. 59 $\frac{1}{4}$ ° W., 168 lks. dist., mkd. T 11 N R 16 E S 20 B T

A yellow pine, 8 ins. diam., bears N. 85 $\frac{1}{4}$ ° W., 116 lks. dist., mkd. T 11 N R 16 E S 17 B T

Chains

From this point Cor. No. 4 HES. No. 182 bears S. 87° 22' W., 17.27 chs. dist.; a limestone, 26 x 14 x 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Land, rolling.

Soil, sandy loam, 2nd rate; and rocky 4th rate.

Timber, yellow pine and scattered oak.

Undergrowth, 2nd growth pine.

S. 89° 54' E., on a random line bet. secs. 16 and 21.

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

79.91 A point 3 lks. N. of cor. of secs. 15, 16, 21 and 22.

Thence

N. 89° 55' W., on a true line bet. secs. 16 and 21.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 78 ft. over NW. slope.

11.20 Canyon, course NE.; asc. 59 ft. over SE. slope.

26.93 Draw, course Ne.; continue ascending 46 ft. over SE. slope.

39.96 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 $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 16 \\ S 21 \end{array}$$

1936

from which

A yellow pine, 8 ins. diam., bears N. 17° E., 75 lks. dist., mkd. $\frac{1}{4}$ S 16 B T

A yellow pine, 12 ins. diam., bears S. 16 $\frac{1}{4}$ ° E., 44 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

40.64 Ridge, bears NE. and SW.; desc. 134 ft. over SW. slope.

54.57 Canyon, course SW.; asc. 100 ft. over SE. slope.

62.20 Spur, slopes NE.; continue ascending 28 ft. over SE. slope.

70.67 Ridge, bears NE. and SW.; desc. 59 ft. over NW. slope.

79.91 The cor. of secs. 16, 17, 20 and 21.

Land, rolling and choppy.

Soil, rocky clay, 4th rate.

Timber, yellow pine and scattered oak.

Undergrowth, scattered 2nd growth pine.

N. 0° 02' W., bet. secs. 16 and 17.

Over rolling land, through heavy timber and scattered undergrowth.

3.77 Drain, course SW.; asc. 23 ft. over SE. slope.

4.99 Spur, slopes SW.; desc. 169 ft. over NW. slope.

BOOK 4114

Chains	
27.62	Black Canyon Forest Service road, bears N. 30° E. to Heber, and S. 30° W. to Young; enter meadow.
32.62	Center of Black Canyon wash, 250 lks. wide, 2 ft. deep, course N. 30° 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 17 S 16 1936
	from which
	A yellow pine, 18 ins. diam., bears N. 76 $\frac{1}{4}$ ° E., 78 lks. dist., mkd. $\frac{1}{4}$ S 16 B T
	A yellow pine, 10 ins. diam., bears S. 70° W., 178 lks. dist., mkd. $\frac{1}{4}$ S 17 B T
	Continue over meadow land.
58.80	Leave meadow; asc. 100 ft. over SE. slope.
70.87	Spur, slopes NE.; desc. 73 ft. over NW. slope.
72.07	Wire fence, bears N. 38° E. and S. 38° 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. 8, 9, 16 and 17, with brass cap mkd.
	T 11 N R 16 E S 8 S 9 S 17 S 16 1936
	from which
	A yellow pine, 18 ins. diam., bears N. 77 $\frac{1}{2}$ ° E., 100 lks. dist., mkd. T 11 N R 16 E S 9 B T
	A yellow pine, 24 ins. diam., bears S. 78 $\frac{1}{2}$ ° E., 90 lks. dist., mkd. T 11 N R 16 E S 16 B T
	A yellow pine, 30 ins. diam., bears S. 24 $\frac{1}{4}$ ° W., 109 lks. dist., mkd. T 11 N R 16 E S 17 B T
	A yellow pine, 36 ins. diam., bears N. 54° W., 62 lks. dist., mkd. T 11 N R 16 E S 8 B T
	Land, rolling and choppy. Soil, sandy loam, 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, scattered 2nd growth pine.
	S. 89° 55' E., on a random line bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect. cor. of secs. 9, 10, 15 and 16.
	Thence
	N. 89° 55' W., on a true line. bet. secs. 9 and 16.

Chains	Over rolling land, through heavy timber and scattered undergrowth. Desc. 32 ft. over SW. slope.
7.42	Drain, course E.; thence along SW. slope.
17.42	Spur, slopes E.; desc. 119 ft. over SW. slope.
25.61	Junction of canyons, course from S. and S. 40° E. to NE.
39.90	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. $\frac{1}{4} \begin{array}{c} S 9 \\ S 16 \end{array}$ 1936 from which A yellow pine, 16 ins. diam., bears N. 11 $\frac{1}{2}$ ° E., 40 lks. dist., mkd. $\frac{1}{4}$ S 9 B T A yellow pine, 6 ins. diam., bears N. 14 $\frac{3}{4}$ ° W., 96 lks. dist., mkd. $\frac{1}{4}$ S 16 B T
44.30	Flat ridge, bears NE. and SW.; desc. 113 ft. along NW. slope.
59.38	Low spur, slopes NE.; desc. 69 ft. over NW. slope.
60.60	Enter Black Canyon, course N. 15° E.; thence over level land.
63.04	Black Canyon Forest Service road, bears N. 15° E. to Heber, and S. 15° W. to Young.
68.54	Center of Black Canyon wash, 335 lks. wide, 8 ft. deep, course N. 15° E.; running water, 2 lks. wide, 1 in. deep.
74.21	Wire fence, bears N. 28° E. and S. 28° W., 1.00 ch. dist.; thence S. 38° W. Leave Black Canyon, course N. 15° E.; asc. 111 ft. over E. slope.
79.80	The cor. of secs. 8, 9, 16 and 17. Land; rolling and choppy. Soil, rocky, 4th rate. Timber, yellow pine, and scattered oak and juniper. Undergrowth, scattered 2nd growth pine.
	N. 0° 02' W., bet. secs. 8 and 9. Over rolling land, through heavy timber and scattered undergrowth.
4.00	Drain, course SE.; asc. 48 ft. over SW. slope.
8.62	Spur, slopes SE.; thence along SW. slope.
13.62	Slope changes to NW., desc. 121 ft.
23.28	Enter canyon, course N. 30° E.; thence over level land.
26.58	Stockmens road, bears N. 30° E. and S. 30° W.
30.68	Center of W. fork of Black Canyon wash, 400 lks. wide, 8 ft. deep, course N. 30° E.
38.06	Forest Service road, bears E. and W.

Subdivisions of T. 11 N., R. 16 E.

Doc. 414

Chains
39.26

Canyon wash, bears 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	8	S	9
1936			

from which

A yellow pine, 24 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ E., 84 lks. dist., mkd. $\frac{1}{4}$ S 9 B TA yellow pine, 16 ins. diam., bears N. $50\frac{1}{4}^{\circ}$ W., 101 lks. dist., mkd. $\frac{1}{4}$ S 8 B T

Leave canyon, course E.; asc. 209 ft. over S. slope.

48.86

Spur, slopes NE.; desc. 41 ft. over NW. slope.

59.12

Ravine, course NE.; asc. 95 ft. over SE. slope.

67.56

Ridge, bears N. 85° E. and S. 85° W.; desc. 286 ft. over NW. slope.

78.68

Canyon, course E.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

T 11 N R 16 E			
S	5	S	4
S 8 S 9			
1936			

from which

A yellow pine, 8 ins. diam., bears N. $1\frac{1}{2}^{\circ}$ E., 65 lks. dist., mkd. T 11 N R 16 E S 4 B TA yellow pine, 20 ins. diam., bears S. $49\frac{1}{2}^{\circ}$ E., 173 lks. dist., mkd. T 11 N R 16 E S 9 B TA yellow pine, 10 ins. diam., bears S. $50\frac{1}{4}^{\circ}$ W., 82 lks. dist., mkd. T 11 N R 16 E S 8 B TA yellow pine, 12 ins. diam., bears N. $38\frac{1}{2}^{\circ}$ W., 42 lks. dist., mkd. T 11 N R 16 E S 5 B T

Land, mountains, level valleys.

Soil, rocky, 4th rate; and sandy loam, 2nd rate.

Timber, heavy yellow pine, and scattered oak and juniper.

Undergrowth, scattered 2nd growth pine.

40.00

S. $89^{\circ} 55'$ E., on a random line bet. secs. 4 and 9.

79.76

Set temp. $\frac{1}{4}$ sec. cor. A point 9 lks. S. of cor. of secs. 3, 4, 9 and 10.

Thence

N. $89^{\circ} 59'$ W., on a true line bet. secs. 4 and 9.

Chains	Over rolling land. through scattered timber and undergrowth.
	Desc. 79 ft. over W. slope.
4.20	Canyon, course NW.; desc. 37 ft. over series of low spurs and drains, NW. slope.
17.48	Wire fence, bears N. 44° e. and S. 44° W.; enter meadow, bears E. and W.
17.50	Intersect line 11-12 HES No. 192 at a point from which Cor. No. 12 bears S. 44° 08' W., 2.12 chs. dist., a sandstone, 24 x 9 x 8 ins. above ground, firmly set, marked and witnessed as described in the official record.
	From the same point Cor. No. 11 HES No. 192 bears N. 44° 08' E., 10.90 chs. dist.; a sandstone, 26 x 11 x 5 ins. above ground, firmly set, marked and witnessed as described in the official record.
21.56	E. bank of Black Canyon wash, 12 ft. deep, course N. 75° E.
35.26	W. bank of Black Canyon wash, 12 ft. deep; thence over meadow land.
39.88	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. .
	$\frac{1}{4} \begin{array}{c} S \\ 4 \end{array}$ $S \ 9$
	1936
	from which
	A yellow pine, 36 ins. diam., bears N. 30° W., 137 lks. dist., mkd. $\frac{1}{4}$ S 4 B T
	A yellow pine, 36 ins. diam., bears S. 40 $\frac{1}{2}$ ° W., 165 lks. dist., mkd. $\frac{1}{4}$ S 9 B T
40.15	Intersect line 3-4 HES No. 192 at a point from which Cor. No. 3 bears S. 5° 18' W., 26.25 chs. dist.; a limestone, 26 x 9 x 5 ins. above ground, firmly set, marked and witnessed as described in the official record.
	From the same point Cor. No. 4 HES No. 192 bears N. 5° 18' E., 0.66 chs. dist.; a sandstone, 26 x 10 x 9 ins. above ground, firmly set, mkd. (x) on top, and 4 HES 192 on SE. face; mound of stone SE.
	from which
	Original bearing trees
	A yellow pine, 28 ins. diam., bears N. 34° W., 88 lks. dist., mkd. 4 HES 192 x B T
	A yellow pine, (dead and standing) 30 ins. diam., bears S. 3° 35' W., 94 lks. dist., mkd. 4 HES 192 x B T
40.26	Wash, 10 lks. wide, 4 ft. deep, course S. 75° E.
41.76	Black Canyon Forest Service road, bears S. to Young, and N. 1.00 ch.; thence N. 75° E. to Heber.
42.00	Leave meadow land; continue over nearly level land, N. slope.

Subdivisions of T. 11 N., R. 16 E

BOOK 4114

Chains

56.16 Same wash, 30 lks. wide, 3 ft. deep, course N. 80° E.

60.26 Same wash, 30 lks. wide, 3 ft. deep, course S. 80° E.

71.96 Same wash, 20 lks. wide, 3 ft. deep, course N. 10° E.

79.76 The cor. of secs. 4, 5, 8 and 9.

Land, nearly level.
Soil, sandy loam, 2nd rate.
Timber, yellow pine, and scattered mountain cottonwood.
Undergrowth, scattered 2nd growth pine.

N. 0° 04' E., on a random line bet. secs. 4 and 5.

40.00 Set temp. 1/4 sec. cor.

on the N. bdy. of the Tp.,

85.21 A point 14 lks. E. of cor. of secs. 4, 5, 32 and 33, hereinbefore described.

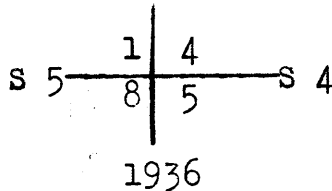
Thence

S. 0° 02' E., on a true line bet. secs. 4 and 5.

Over rolling land, through heavy timber and undergrowth.

Desc. 100 ft. over S. slope.

5.21 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 cor. of lots 4 and 5 of sec. 4, and lots 1 and 8 of sec. 5, with brass cap mkd.

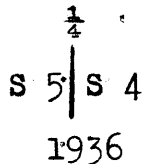


5.40 Ravine, course E.; asc. 82 ft. over NE. slope.

29.25 Ridge, bears SE. and NW.; desc. 71 ft. over SE. slope.

33.92 Ravine, course SE.; asc. 74 ft. over NE. slope.

45.21 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 1/4 sec. cor., with brass cap mkd.



from which

A juniper, 8 ins. diam., bears S. 70 1/4° E. 54 lks. dist.; mkd. 1/4 S 4 B T

A juniper, 28 ins. diam., bears S. 21 1/4° W., 83 lks. dist.; mkd. 1/4 S 5 B T

Desc. 34 ft. over SE. slope.

46.11 Ravine, course SE.; asc. 69 ft. over E. slope.

53.36 Forest Service truck trail, bears E. and W.

54.26 Ridge, bears E. and W.; desc. 92 ft. over SE. slope.

Chains

- 64.15 Ravine, course SE.; asc. 69 ft. over NE. slope.
- 69.04 Spur, slopes SE.; desc. 73 ft. over SW. slope.
- 73.28 Draw, course SE.; asc. 46 ft. over E. slope.
- 78.23 Spur, slopes SE.; desc. 148 ft. over SW. slope.
- 83.82 Canyon. course SE.; asc. 14 ft. over NE. slope.
- 85.21 The cor. of secs. 4, 5, 8 and 9.

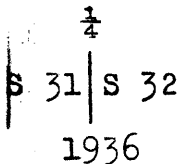
Land, rolling and choppy.
 Soil, rocky clay, 4th rate.
 Timber, yellow pine, and scattered oak and juniper.
 Undergrowth; scattered 2nd growth pine and juniper.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the field notes of the N. bdy. of T. 10 N., R. 16 E., surveyed under this group.
 N. 0° 03' W., bet. secs. 31 and 32.

Over rolling mountains, through dense timber and undergrowth.

Desc. 316 ft. over NW. slope.

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



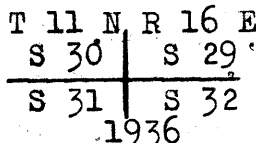
from which

An oak, 10 ins. diam., bears S. 76 $\frac{3}{4}$ ° E., 61 lks. dist., mkd. $\frac{1}{4}$ S 32 B T

An oak, 8 ins. diam., bears S. 46 $\frac{3}{4}$ ° W., 64 lks. dist., mkd. $\frac{1}{4}$ S 31 B T

Continue descending 61 ft. over NW. slope.

- 44.30 Wash, 10 lks. wide, course NE.; asc. 6 ft. over SE. slope.
- 47.52 Spur, slopes E.; desc. 43 ft. over NE. slope.
- 57.86 Drain, course E.; asc. 8 ft. over SE. slope.
- 68.36 Spur, slopes NE.; desc. 52 ft. over NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.



from which

An oak, 10 ins. diam., bears N. 17° E., 51 lks. dist., mkd. T 11 N R 16 E S 29 B T

Subdivisions of T. 11 N., R. 16 E.

57

Chains	<p>A yellow pine, 24 ins. diam., bears S. 58° E., 48 lks. dist., mkd. T 11 N R 16 E S 32 B T</p> <p>A yellow pine, 6 ins. diam., bears S. 53½° W., 23 lks. dist., mkd. T 11 N R 16 E S 31 B T</p> <p>A yellow pine, 6 ins. diam., bears N. 60½° W., 51 lks. dist., mkd. T 11 N R 16 E S 30 B T</p> <p>Land, rolling mountains. Soil, sandy loam, 3rd rate. Timber, yellow pine, spruce, aspen and oak. Undergrowth, jack pine and 2nd growth spruce.</p>
	East, on a random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.92	A point 7 lks. S. of cor. of secs. 28, 29, 32 and 33.
	Thence
	S. 89° 57' W., on a true line bet. secs. 29 and 32.
	Over rolling land, through heavy timber and undergrowth.
	Desc. 36 ft. over SW. slope.
6.16	Wash, 10 lks. wide, course NW.; asc. 90 ft. over NE. slope.
17.67	Spur, slopes N.; desc. 123 ft. over NW. slope.
32.79	Wash, 5 lks. wide, course NW.; asc. 89 ft. over NE. slope.
38.94	Game Refuge wire fence, bears N. 30° W. and S. 30° E. along top of spur slopes NW.; desc. 11 ft. over W. slope.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.
	$\frac{1}{4} \text{ S } 29$ $\frac{1}{4} \text{ S } 32$
	1936
	from which
	A yellow pine, 8 ins. diam., bears N. 55° E., 59 lks. dist., mkd. ¼ S 29 B T
	A yellow pine, 12 ins. diam., bears S. 52¾° W., 57 lks. dist., mkd. ¼ S 32 B T
	Continue descent 89 ft. over NW. slope.
47.66	Wash, 10 lks. wide, course NE.; asc. 159 ft. over SE. slope.
69.01	Spur, slopes NE.; desc. 73 ft. over NW. slope.
78.33	Draw, course NW.; asc. 31 ft. over NE. slope.
79.43	Spur, slopes NE.; desc. 6 ft. over NW. slope.
79.92	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling mountains. Soil, sandy loam, 3rd rate; rocky, 4th rate. Timber, Yellow pine, oak and juniper. Undergrowth, 2nd growth pine and juniper.

Chains	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.98	A point 6 lks. S. of cor. of secs. 30 and 31 only, on the W. bdy. of the Tp., hereinbefore described. Thence S. $89^{\circ} 57'$ E., on a true line bet. secs. 30 and 31. Over rolling land, through dense timber and undergrowth. Asc: 96 ft. over W. slope..
8.90	Spur, slopes N.; desc. 96 ft. over NE. slope.
20.50	Wash, 15 lks. wide, course N.; asc. 103 ft. over W. slope.
30.62	Spur, slopes N.; desc. 70 ft. over NE. slope.
35.60	Wash, 3 lks. wide, course NE.; asc. 52 ft. over NW. slope.
38.98	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. $\frac{1}{4} \begin{array}{l} S 30 \\ S 31 \end{array}$ 1936 from which A yellow pine, 10 ins. diam., bears N. 11° W., 57 lks. dist., mkd. $\frac{1}{4}$ S 30 B T An oak, 6 ins. diam., bears S. 35° E., 33 lks. dist., mkd. $\frac{1}{4}$ S 31 B T Desc. 68 ft. over E. slope.
47.02	Wash, 4 lks. wide, course N.; asc. 104 ft. over NW. slope.
56.33	Spur, slopes N.; desc. 70 ft. over E. slope.
63.87	Wash, 5 lks. wide, course N.; asc. 93 ft. over W. slope.
70.34	Forest Service truck trail on top of ridge, bears N. and S.; desc. 66 ft. over E. slope.
72.97	Wash, 4 lks. wide, course NE.; asc. 7 ft. over NE. slope.
78.98	The cor. of secs. 29, 30, 31 and 32. Land, rolling mountains. Soil, rocky clay, 3 rd rate. Timber, dense yellow pine and spruce, and scattered oak. Undergrowth, dense 2nd growth pine.
	N. $0^{\circ} 03'$ W., bet. secs. 29 and 30. Over rolling mountains, through heavy timber and undergrowth. Desc. 34 ft. over NW. slope..
1.41	Wash, 4 lks. wide, course NE.; asc. 33 ft. over SE. slope.
6.86	Spur, slopes NE.; desc. 46 ft. over NW. slope.
12.28	Wash, 3 lks. wide, course NE.; asc. 64 ft. over SE. slope.
26.43	Forest Service truck trail, bears N. 10° E. and S. 10° W.

Chains	
32.23	Ridge, bears NE. and SW.; desc. 52 ft. over 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.
	$\begin{array}{c} \frac{1}{4} \\ \\ \text{S } 30 \text{ S } 29 \\ \\ 1936 \end{array}$
	from which
	A spruce, 5 ins. diam., bears N. $40\frac{1}{4}^{\circ}$ E., 62 lks. dist., mkd. $\frac{1}{4}$ S 29 B T
	A spruce, 10 ins. diam., bears N. $86\frac{3}{4}^{\circ}$ W., 108 lks. dist., mkd. $\frac{1}{4}$ S 30 B T
	Continue descending 27 ft. over NW. slope.
41.22	Wash, 3 lks. wide, course NW. ; asc. 60 ft. over SW. slope.
58.19	Spur, slopes NW.; desc. 120 ft. over N. slope.
63.46	Draw, course NE.; asc. 58 ft. over SE. slope.
76.25	Game Refuge wire fence, bears N. 63° W. and S. 63° E.
77.70	Spur, slopes E.; thence along NE. slope.
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, 20, 29 and 30, with brass cap mkd.
	$\begin{array}{c} \text{T } 11 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 19 \text{ S } 20 \\ \text{S } 30 \text{ S } 29 \\ \\ 1936 \end{array}$
	from which
	A yellow pine, 20 ins. diam., bears N. $49\frac{3}{4}^{\circ}$ E., 64 lks. dist., mkd. T 11 N R 16 E S 20 B T
	A yellow pine, 8 ins. diam., bears S. 67° E., 35 lks. dist., mkd. T 11 N R 16 E S 29 B T
	A yellow pine, 10 ins. diam., bears S. $57\frac{1}{4}^{\circ}$ W., 49 lks. dist., mkd. T 11 N R 16 E S 30 B T
	A yellow pine, 10 ins. diam., bears N. $60\frac{3}{4}^{\circ}$ W., 38 lks. dist., mkd. T 11 N R 16 E S 19 B T
	Land, rolling mountains. Soil, rocky, 4th rate. Timber, dense yellow pine, and scattered spruce and oak. Undergrowth, jack pine and spruce.
	N. $89^{\circ} 57'$ E., on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.13	A point 10 lks. S. of cor. of secs. 20, 21, 28 and 29.
	Thence
	S. $89^{\circ} 53'$ W., on a true line bet. secs. 20 and 29.

Chains	Over rolling mountains, through heavy timber and scattered undergrowth.
	Asc. 10 ft. over SE. slope.
1.23	Spur, slopes N.; desc. 52 ft. over W. slope.
1.75	Forest Service road, bears N. and S.
10.58	Forest Service wire fence, bears N. 30° E. and S. 30° W.
15.48	Wash, 3 lks. wide, course NE.; asc. NE. slope.
17.38	Forest Service road, bears N. 15° E. and S. 15° W. Continue ascending 179 ft. over NE. slope.
40.07	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. $\frac{1}{4} \begin{array}{l} S 20 \\ S 29 \end{array}$ 1936 from which A yellow pine, 16 ins. diam., bears N. 28 $\frac{3}{4}$ ° E., 60 lks. dist., mkd. $\frac{1}{4}$ S 20 B T A yellow pine, 14 ins. diam., bears S. 6 $\frac{1}{4}$ ° E., 51 lks. dist., mkd. $\frac{1}{4}$ S 29 B T
40.19	Forest Service truck trail, on top of ridge, bears N. 10° E. and S. 10° W.; desc. 139 ft. over W. slope.
66.25	Wash, 10 lks. wide, course N.; asc. 173 ft. over NE. slope.
80.13	The cor. of secs. 19, 20, 29 and 30. Land, rolling mountains. Soil, sandy loam, 2nd rate; and rocky, 3rd rate. Timber, yellow pine, and scattered oak and spruce. Undergrowth, jack pine and scattered 2nd growth spruce.
	N. 89° 57' W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.68	A point 13 lks. N. of cor. of secs. 19 and 30 only, on the West boundary of the Tp., hereinbefore described. Thence N. 89° 57' E., on a true line bet. secs. 19 and 30. Over rolling mountains, through heavy timber and scattered undergrowth. Asc. 37 ft. over NW. slope.
7.64	Spur, slopes NE.; desc. 214 ft. over E. slope.
38.68	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. $\frac{1}{4} \begin{array}{l} S 19 \\ S 30 \end{array}$ 1936 from which

Chains

A yellow pine, 18 ins. diam., bears North, 44 lks. dist., mkd. $\frac{1}{4}$ S 19 B T

A yellow pine, 10 ins. diam., bears S. $48\frac{3}{4}^{\circ}$ W., 55 lks. dist., mkd. $\frac{1}{4}$ S 30 B T

Continue descending 45 ft. over E. slope.

- 45.54 Enter Black Canyon, course N., thence over level land.
 47.99 Center of Black Canyon wash, 310 lks. wide, course N.
 51.54 Black Canyon Forest Service road, bears N. to Heber, and S. to Gentry and Young.
 52.00 Leave Black Canyon; asc. 170 ft. over W. slope.
 76.73 Wire fence, bears N. 20° E. and S. 20° W. on spur slopes N.; desc. 34 ft. over NE. slope.
 78.68 The cor. of secs. 19, 20, 29 and 30.

Land, rolling mountains,
 Soil, sandy loam, 2nd rate; and rocky, 4th rate.
 Timber, dense yellow pine, and scattered oak and spruce.
 Undergrowth, 2nd growth pine.

N. $0^{\circ} 03'$ W., bet. secs. 19 and 20.

Over rolling land, through heavy timber and scattered undergrowth.

Desc. 20 ft. over NE. slope.

- 6.99 Low spur, slopes NE.; continue descending 227 ft. over NW. slope.
 33.00 Enter Black Canyon, course NE.; thence over level land.
 33.64 Black canyon Forest Service road, bears NE. to Heber, and SW. to Gentry and Young.
 34.69 Black Canyon wash, 60 lks. wide, course E. 2.00 chs. dist., thence N. 6.00 chs. dist., thence NE.
 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 19 | S 20
 1936

from which

A yellow pine, 8 ins. diam., bears S. $56\frac{1}{4}^{\circ}$ E., 14 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

A yellow pine, 10 ins. diam., bears N. $68\frac{1}{4}^{\circ}$ W., 44 lks. dist., mkd. $\frac{1}{4}$ S 19 B T

- 42.30 Leave Black Canyon; asc. 132 ft. over NE. slope.
 46.75 Wire fence, bears N. 46° E. and S. 46° W.
 50.98 Spur, slopes NE.; desc. 208 ft. over NW. slope.
 59.55 Drain, course NE.; Continue gradual descent over NE. slope.

Chains	
68.97	Wire fence, bears N. 60° W. and S. 60° E.
80.00	True point for sec. cor. falls in W. fork of Black Canyon wash, course E. (for witness corner see line bet. secs. 17 and 18.)
	Land, rolling mountains. Soil, sandy loam, 2nd rate; and rocky, 4th rate. Timber, dense yellow pine, and scattered oak and spruce. Undergrowth, 2nd growth pine.
	N. 89° 53' E., on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.23	A point 4 lks. N. of cor. of secs. 16, 17, 20 and 21. Thence
	S. 89° 55' W., on a true line bet. secs. 17 and 20.
	Over rolling land, through heavy timber and scattered undergrowth.
	Desc. 100 ft. over NW. slope.
5.41	Enter Black Canyon, course N. 15° E.; thence over nearly level land.
11.66	Black Canyon Forest Service road, bears N. 15° E. to Heber, and S. 10° W., to Gentry and Young.
14.26	Black Canyon Creek, 3 lks. wide, course N. 15° E.
17.11	Leave Black Canyon; asc. 229 ft. over SE. slope.
40.11	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.
	$\frac{1}{4}$ $\frac{S\ 17}{S\ 20}$
	1936
	from which
	A yellow pine, 7 ins. diam., bears N. 17 $\frac{3}{4}$ ° E., 22 lks. dist., mkd. $\frac{1}{4}$ S 17 B T
	A yellow pine, 8 ins. diam., bears S. 38 $\frac{1}{2}$ ° W., 10 lks. dist., mkd. $\frac{1}{4}$ S 20 B T
	Continue ascending over gradual SE. slope.
43.53	Wire fence, bears N. 33° E. and S. 33° W. along top of low, flat spur, slopes SW.; desc. 141 ft. over NW. slope.
76.83	W. fork of Black Canyon wash, 60 lks. wide, course NE.; thence along wash.
80.23	True point for cor. of secs. 17, 18, 19 and 20. (for witness corner see line bet. secs. 17 and 18.)
	Land, rolling mountains. Soil, sandy loam, 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine.

Subdivisions of T. 11 N., R. 16 E.

63

Chains	S. 89° 57' W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor. .
78.69	A point 3 lks. S. of cor. of secs. 18 and 19 only, on the West boundary of the Tp., hereinbefore described. Thence N. 89° 58' E., on a true line bet. secs. 18 and 19. Over rolling land, through heavy timber and scattered undergrowth. Desc. over SE. slope.
16.42	Low spur, slopes SE.; continue descending 209 ft. over SE. slope.
22.76	Foot of descent; enter W. fork of Black Canyon, thence over nearly level land.
24.76	W. fork of Black Canyon wash, 10 lks. wide, course SE.
25.26	Same wash, course NE.
32.66	Same wash, course SE.
35.26	Leave W. fork of Black Canyon; asc. 44 ft. over SW. slope.
38.69	Set an iron post, 3 ft. long, 1 in. diam., on solid limestone rock, with a cross (x) mkd. at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S 18 $\frac{1}{4}$ S 19 1936 </div> <div style="text-align: right;">from which</div> A yellow pine, 10 ins. diam., bears N. 66 $\frac{3}{4}$ ° E., 28 lks. dist., mkd. $\frac{1}{4}$ S 18 B T A yellow pine, 10 ins. diam., bears S. 6 $\frac{1}{4}$ ° W., 14 lks. dist., mkd. $\frac{1}{4}$ S 19 B T Continue ascending 37 ft. over SW. slope.
53.29	Spur, slopes SE.; desc. 133 ft. over E. slope.
61.22	Wire fence, bears N. 43 $\frac{1}{2}$ ° W. and S. 43 $\frac{1}{2}$ ° E.; asc. 34 ft. over SW. slope.
68.59	Spur, slopes S.; desc. 65 ft. over SE. slope.
78.69	True point for cor. of secs. 17, 18, 19 and 20. (for witness corner see line bet. secs. 17 and 18). Land, rolling mountains. Soil, sandy loam; 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak. Undergrowth, 2nd growth pine.
	N. 0° 03' W., bet. secs. 17 and 18. Over rolling land, through heavy timber and scattered undergrowth.

Chains

.30

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. for secs. 17, 18, 19 and 20, with brass cap mkd.

T 11	N R 16	E
S 18		S 17
S 19		S 20
W C		
1936		

from which

A yellow pine, 7 ins. diam., bears N. $6\frac{3}{4}^{\circ}$ E., 85 lks. dist., mkd. W C T 11 N R 16 E S 17 B T

A cottonwood, 16 ins. diam., bears S. $52\frac{1}{2}^{\circ}$ E., 172 lks. dist., mkd. W C T 11 N R 16 E S 20 B T

A cottonwood, 18 ins. diam., bears S. 46° W., 185 lks. dist., mkd. W C T 11 N R 16 E S 19 B T

A yellow pine, 8 ins. diam., bears N. $68\frac{1}{2}^{\circ}$ W., 50 lks. dist., mkd. W C T 11 N R 16 E S 18 B T

Asc. 113 ft. over SW. slope.

15.16 Spur, slopes SE.; desc. 103 ft. over NE. slope.

24.93 Draw, course SE.; asc. 148 ft. over SW. slope.

31.85 Spur, slopes SE.; desc. 106 ft. over NE. slope.

39.89 Draw, course N. 70° E.

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

	$\frac{1}{4}$	
S 18		S 17
1936		

from which

A yellow pine, 10 ins. diam., bears S. $66\frac{1}{4}^{\circ}$ E., 91 lks. dist., mkd. $\frac{1}{4}$ S 17 B T

A yellow pine, 5 ins. diam., bears S. $28\frac{1}{2}^{\circ}$ W., 34 lks. dist. mkd. $\frac{1}{4}$ S 18 B T

Asc. 156 ft. over SE. slope.

58.04 Spur, slopes N. 80° E.; desc. 104 ft. over NW. slope.

69.34 Wash, course E., 5.00 chs., thence NE; asc. 87 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T 11	N R 16	E
S 7		S 8
S 18		S 17
1936		

from which

Subdivisions of T. 11 N., R. 16 E.

65

ECON 4114

Chains

A yellow pine, 8 ins. diam., bears N. $34\frac{3}{4}^{\circ}$ E., 34 lks. dist., mkd. T 11 N R 16 E S 8 B T

A yellow pine, 18 ins. diam., bears S. 44° E., 16 lks. dist., mkd. T 11 N R 16 E S 17 B T

A yellow pine, 24 ins. diam., bears S. $61\frac{3}{4}^{\circ}$ W., 60 lks. dist., mkd. T 11 N R 16 E S 18 B T

A yellow pine, 24 ins. diam., bears N. $21\frac{3}{4}^{\circ}$ W., 133 lks. dist., mkd. T 11 N R 16 E S 7 B T

Land, rolling mountains.
Soil, sandy loam, 2nd rate; and rocky, 4th rate.
Timber, heavy yellow pine, and scattered oak.
Undergrowth, 2nd growth pine.

N. $89^{\circ} 55'$ E., on a random line bet. secs. 8 and 17.

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

80.18 A point 2 lks. S. of cor. of secs. 8, 9, 16 and 17.

Thence

S. $89^{\circ} 54'$ W., on a true line bet. secs. 8 and 17.

Over rolling land, through heavy timber and scattered undergrowth.

Asc. 38 ft. over E. slope.

2.54 Spur, slopes N. 20° E.; desc. 140 ft. over W. slope.

7.47 Foot of descent; enter W. fork of Black Canyon, thence over nearly level land.

10.46 Center of W. fork of Black Canyon wash, 180 lks. wide, (intermittent water) course NE.

13.39 Leave W. fork of Black Canyon; asc. 208 ft. over SE. slope.

28.91 Spur, slopes NE.; desc. 103 ft. over NW. slope.

40.09 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.

$\frac{1}{4}$ $\frac{S 8}{S 17}$

1936

from which

A yellow pine, 10 ins. diam., bears N. 54° W., 44 lks. dist., mkd. $\frac{1}{4}$ S 8 B T

A yellow pine, 18 ins. diam., bears S. $26\frac{3}{4}^{\circ}$ E., 76 lks. dist., mkd. $\frac{1}{4}$ S 17 B T

Continue descending 38 ft. over NW. slope.

43.09 Draw, course NE.; asc. 154 ft. over SE. slope.

53.86 Spur, slopes NE.; desc. 125 ft. over NW. slope.

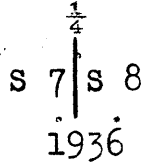
63.14 Wash, course NE.; asc. 211 ft. over SE. slope.

80.18 The cor. of secs. 7, 8, 17 and 18.

Chains	Land, rolling mountains, Soil, sandy loam; 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak. Undergrowth, 2nd growth pine.
	S. 89° 58' W., on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.50	A point 9 lks. S. of cor. of secs. 7 and 18 only, on the West boundary of the Tp., hereinbefore described. Thence
	S. 89° 58' E., on a true line bet. secs. 7 and 18.
	Over rolling land, through heavy timber and scattered undergrowth.
	Desc. 69 ft. over SE. slope.
6.44	Wash, 7 lks. wide, course NE.; asc. 130 ft. over NW. slope.
29.63	Spur, slopes NE.; desc. 97 ft. over SE. slope.
38.50	True point for cor. falls on a sloping limestone ledge, 20 x 5 x 4 ft. high., mkd. with a cross (x) at such true point, for $\frac{1}{4}$ sec. cor.
38.58	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> $\begin{array}{c} W \quad S \quad 7 \\ C \quad \frac{1}{4} \quad S \quad 18 \end{array}$ 1936 </div>
	from which
	A yellow pine, 10 ins. diam., bears N. 2- $\frac{1}{2}$ ° E., 99 lks. dist., mkd. W C $\frac{1}{4}$ S 7 B T
	A yellow pine, 20 ins. diam., bears S. 22 $\frac{1}{2}$ ° E., .75 lks. dist., mkd. W C $\frac{1}{4}$ S 18 B T
	Continue descending 66 ft. over SE. slope.
41.18	Wash, course N. 10° E.; asc. 135 ft. over NW. to W. slope., thence over flat top spur, slopes N.
78.50	The cor. of secs. 7, 8, 17 and 18. Land, rolling mountains. Soil, sandy loam, 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak and spruce. Undergrowth, 2nd growth pine.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over rolling land, through heavy timber and scattered undergrowth.
	Asc. over gradual SE. slope.
10.00	Spur, slopes NE.; desc. 169 ft. over NW. to N. slope.
23.79	Wash, course N. 20° W., 2.00 chs. dist., thence NE., asc. 20 ft. over SW. slope.

Chains

- 26.72 Short spur, slopes NW.; desc. 46 ft. over NE. slope.
- 31.28 Same wash, course N. 20° E., continue gradual descent.
- 35.59 Wash, course NE. 2.00 chs. dist., thence E. 3.00 chs. dist., thence S. 50° E. Asc. 160 ft. over S. slope.
- 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 $\frac{1}{4}$ sec. cor., with brass cap mkd.



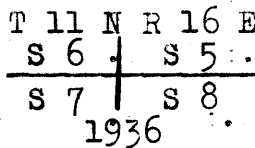
from which

A juniper, 10 ins. diam., bears N. 89 $\frac{3}{4}$ ° E., 46 lks. dist., mkd. $\frac{1}{4}$ S 8 B T

A juniper, 14 ins. diam., bears S. 58 $\frac{3}{4}$ ° W., 116 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

Continue ascending 70 ft. over S. slope.

- 48.95 Slope changes to SE.; continue ascent.
- 55.63 Road, on top of ridge, bears E. and W.; desc. 131 ft. over NW. slope.
- 68.95 Wash, course N. 20° E., asc. 95 ft. over SE. slope.
- 73.02 Short spur, slopes SE.; desc. 37 ft. over NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.



from which

A yellow pine, 18 ins. diam., bears N. 13 $\frac{3}{4}$ ° E., 70 lks. dist., mkd. T 11 N R 16 E S 5 B T

A yellow pine, 18 ins. diam., bears S. 23 $\frac{1}{2}$ ° E., 92 lks. dist., mkd. T 11 N R 16 E S 8 B T

A yellow pine, 18 ins. diam., bears S. 26 $\frac{1}{4}$ ° W., 64 lks. dist., mkd. T 11 N R 16 E S 7 B T

A yellow pine, 6 ins. diam., bears N. 65 $\frac{3}{4}$ ° W., 77 lks. dist., mkd. T 11 N R 16 E S 6 B T

Land, rolling mountains.
Soil, sandy loam, 2nd rate; and rocky, 4th rate.
Timber, heavy yellow pine, and scattered oak and juniper.
Undergrowth, 2nd growth pine.

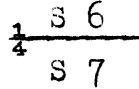
N. 89° 54' E., on a random line bet. secs. 5 and 8.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.27 A point 14 lks. N. of cor. of secs. 4, 5, 8 and 9.

Chains	Thence
	West, on a true line bet. secs. 5 and 8. Over rolling land, through heavy timber and scattered undergrowth. Asc. 40 ft. over NE. slope.
9.99	Low spur, slopes N.; desc. 17 ft. over W. slope.
13.13	Wash, course NE.; asc. 144 ft. over SE. slope.
22.39	Spur, slopes SE.; desc. 16 ft. along S. side of spur.
32.07	Same wash, course SE. 3.00 chs. dist., thence E.; asc. 82 ft. over NE. slope.
40.13	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. $\frac{1}{4}$ $\frac{S 5}{S 8}$ 1936
	from which A yellow pine, 16 ins. diam., bears North 35 lks. dist., mkd. $\frac{1}{4}$ S 5 B T A yellow pine, 21 ins. diam., bears S. $34\frac{3}{4}^{\circ}$ W., 24 lks. dist., mkd. $\frac{1}{4}$ S 8 B T
	Over nearly level land; desc. 9 ft. over SW. slope.
53.29	Draw, course S.; asc. 60 ft. over SE. slope.
59.72	Spur, slopes S. desc. 130 ft. over SW. slope.
74.14	Wash, course S.; asc. 21 ft. over E. slope.
75.46	Spur, slopes S.; desc. 22 ft. over W. slope.
77.33	Wash, course SE.; asc. 61 ft. over NE. slope.
80.27	The cor. of secs. 5, 6, 7 and 8. Land, rolling mountains. Soil, sandy loam, 2nd rate; and rocky, 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine.
	N. $89^{\circ}58'$ W., on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.46	A point 5 lks. S. of cor. of secs. 6 and 7 only, on the West boundary of the Tp., hereinbefore described. Thence S. $89^{\circ}56'$ E., on a true line bet. secs. 6 and 7. Over rolling land, through heavy timber and scattered undergrowth. Desc. 13 ft. over E. slope.
2.62	Draw, course N. 10° W.; asc. 176 ft. over SW. slope.

Subdivisions of T. 11 N., R. 16 E.

- Chains
- 25.84 Main dirt highway, bears N. $43\frac{1}{2}^\circ$ E. to Heber, and S. $43\frac{1}{2}^\circ$ W. to Young.
- 26.54 Telephone line, bears N. $43\frac{1}{2}^\circ$ E. to Heber, and S. $43\frac{1}{2}^\circ$ W. to Young.
- 33.46 Ridge, bears NE. and SW.; thence over nearly level land.
- 38.46 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.



1936

from which

A yellow pine, 12 ins. diam., bears N. $21\frac{3}{4}^\circ$ W., 68 lks. dist., mkd. $\frac{1}{4}$ S 6 B T

A yellow pine, 14 ins. diam., bears S. $25\frac{3}{4}^\circ$ E., 34 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

Continue over nearly level land.

- 41.90 Forest Service truck trail, on top of wide, flat ridge, bears NW. and SE.
 - 59.80 Leave nearly level land; desc. 136 ft. over NE. slope.
 - 78.46 The cor. of secs. 5, 6, 7 and 8.
- Land, rolling mountains.
Soil, sandy loam, 2nd rate; and rocky, 4th rate.
Timber, heavy yellow pine, and scattered oak and juniper.
Undergrowth, 2nd growth pine

N. $0^\circ 02'$ W., on a random line bet. secs. 5 and 6.

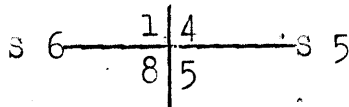
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 85.22 A point 12 lks. W. of cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described.

Thence

S. $0^\circ 03'$ W., on a true line bet. secs. 5 and 6.

Over rolling land, through heavy timber and scattered undergrowth.

- 5.22 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. of lots 4 and 5 of sec. 5, and lots 1 and 8 of sec. 6, with brass cap mkd.



1936

- 23.41 Main dirt highway, bears N. 20° E. to Heber, and S. 20° W. to Young.
- 25.31 Telephone line, bears N. 20° E. to Heber, and S. 20° W. to Young.; desc. 63 ft. over SW. slope.
- 33.31 Forest Service road, bears NE. and SW.

Subdivisions of T. 11 N., R. 16 E.

Chains 44.84	Wash, course SE.; asc. 63 ft. over NE. slope.
45.22	Set an iron post, 3 ft. long, 1 in. diam., 24 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 6 S 5 1936
	from which
	A yellow pine, 10 ins. diam., bears N. 75° E., 69 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	A yellow pine, 18 ins. diam., bears S. 87 $\frac{1}{2}$ ° W., 16 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
	Continue descending 60 ft. over NE. slope
48.20	Spur, slopes S. 80° E., desc. 17 ft. over SW. slope.
61.79	Head of draw, course SE.; asc. 8 ft. over NE. slope.
71.69	Spur, slopes SE.; desc. 140 ft. over SW. slope.
82.90	Wash, course SE.; thence over nearly level land.
85.22	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling mountains. Soil, rocky clay, 3rd and 4th rate. Timber, heavy yellow pine, and scattered oak and juniper. Undergrowth, 2nd growth pine.

In order to account for misclosure in Tract B of H.E.S. No. 190, in sec. 30, I retrace a portion of the boundary of Tract B, running record courses and distances.

From cor. 19 of H.E.S. No. 190,

S. 46° 32' W.

4.41 Find no trace of cor. No. 20, set temp. cor.

Thence S. 77° 15' W.

16.82 A point 20 lks. S. 62° 40' E. of cor. No. 21 hereinbefore described.

Final Test of Solar Attachment.

Oct. 11: Near the cor. of secs. 26, 27, 34 and 35, of T. 12 N., R. 16 E., at 8h 00m a.m. app. t., with Buff solar transit No. 16723, I set off 34° 24' N., on the lat. arc; 7° 05' S., on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 4h 00m p.m. app. t., I set off 34° 24' N., on the lat. arc; 7° 12' S., on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

Oct. 11, 1936.

Oct. 24: At the same point, with Young and Sons solar transit No. 8385, at 8h 00m a.m. app. t., I set off 34° 24' N., on the lat. arc; 11° 48' S., on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observa-

Subdivisions of T. 11 N., R. 16 E.

ECC 1110

Chains

tion.

At 4h 00m p.m. app. t., I set off $34^{\circ} 24' N.$, on the lat. arc; $11^{\circ} 55' S.$, on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

Oct. 24, 1936.

General Description.

The land embraced in Township 11 North, Range 16 East, is for the most part rocky clay on the rolling lands, sandy loam in the valleys, and rocky on ridges and spurs. The eastern half is rolling to level, while the western half is rolling mountainous. The general elevation is about 6800 to 7000 ft. above sea level. The entire township has a heavy stand of yellow pine with a scattering of spruce, fir and aspen in the southwestern portion. In the northwestern portion quite a few junipers are found, and mountain cottonwood occurs along stream beds and large washes. Second growth pine, and some juniper, comprise most of the undergrowth within the township.

Water is scarce over most of the township, there being only a few springs and short running streams. There are a number of homestead entries in the occasional valleys where water is available, mostly from wells. There are no mines, quarries, sawmills or other industries within the township. Cattle and some sheep, are allowed to graze during the summer months, there being only a moderate amount of grasses other than in the meadow lands under homestead entry.

The average of a considerable number of readings over all parts of the township give a value of $14^{\circ} 30' E.$ for the mean magnetic variation.

117
72

BOOK 4114

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Uyless Walters	Prin. Assistant
I. B. Williams	Prin. Assistant
J. Buster	Chainman
William H. Miller	"
Landon Bates	Flagman
Enoch A. Robart	"
Tommy Bartlett	"
Leo L. Miller	"
Harry W. Cain	Cornerman
Harry H. Dye	"
Paschal Austin	Axman
Elbert P. Wainwright	"
Mark A. Makin	"
Tommy Bartlett	"

73 118

Gr. 191.

BOOK 4114

CERTIFICATE OF UNITED STATES SURVEYOR

We, Horace M. Muscott, Public Land Surveyor and Thornton Fitzhugh, Transitman (PW)....., HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 18th day of June, 1934 received from the district cadastral engineer for Arizona....., with assignment instructions dated Aug. 24 and Sept. 1, 1936, we have surveyed the North and West boundaries and the subdivisional lines of Township 11 North, Range 16 East,

River Meridian of the Gila and Salt 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 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., February 18, 1937. Phoenix, Ariz., February 20, 1937

Horace M. Muscott Public Land Surveyor Thornton Fitzhugh Transitman (P W)

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS, Denver, Colorado, July 6, 1937.

The foregoing field notes of the survey of the North and West boundaries and the subdivisional lines of Township 11 North, Range 16 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Horace M. Muscott, Public Land Surveyor and Thornton Fitzhugh, Transitman (P W) under special instructions dated June 18, 1934, and assignment instructions dated Aug. 24 and Sept. 1, 1936, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in....., is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.