

4-878
(April 1933)

BOOK 4115

Book F.

FIELD NOTES

OF THE SURVEY OF THE

East and West boundaries

and

Subdivisional lines

of

Township 12 North, Range 16 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Roger F. Wilson, U.S. Surveyor,

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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 Aug. 24 and Sept. 1, 1936.

Survey commenced October 3, 1936

Survey completed November 20, 1936.

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BOOK 4115

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East Boundary of T.12 N., R.16 E.

407.13 4115

The survey was executed with Buff and Buff transit, Serial No. 16723; Young and Sons transit, Serial No. 8385 and Buff and Buff transit No. 23829.

For the description of transits Nos. 16723 and 8385 and tests of solars, see the field notes of the W. Bdy. of T. 11 N., R. 16 E., surveyed under this Group. Buff and Buff transit No. 23829, the description of which corresponds to that of No. 16723 of the same make, was approved by the district cadastral engineer on Oct. 31, 1936.

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 geographical position for the SE. cor. of T. 11 N., R. 17 E., as follows latitude $34^{\circ}17'50''$ N., longitude $110^{\circ}28'54''$ W.

The test of transit No. 23829 follows;

Nov. 8, 1936, in camp in the SW. $\frac{1}{4}$ of sec. 13, T. 12 N., R. 16 E., I examine the adjustments of the instrument and correct all errors. At 8h 00m a.m., app.t., I set off $34^{\circ}25.5'N.$ on the lat. arc. $16^{\circ}35.5'S.$ on the decl. arc. and orient the instrument with the solar. The line of sight thus determined is marked by a nail in a stake 8 chs. N.

At 4h 00m p.m., app.t., with the lat. arc unchanged, I set off $16^{\circ}41\frac{1}{2}'S.$ on the decl. arc and again orient the instrument with the solar. The resulting line of sight deviates less than one minute of arc from the previous determination.

At hourly intervals, during the usual hours of solar work and with the proper settings on the arcs, similar observations were taken, the limit of variation being less than one minute.

At 5h 40.5m p.m., by my watch, which reads correct 105th meridian time as determined by a Western Union clock I make an hour angle observation on Polaris E. of the meridian, making four observations, two each with the telescope in direct and reversed positions, and measure the deflection angle from the nail above described in the direction W-N-E.

Mean watch time of observation-----	5h 40m 30s
Watch fast of l.m.t. -----	22m 24s
Mean deflection angle -----	$1^{\circ}13'30''$
Mean observed vertical angle -----	$34^{\circ}39'15''$
True bearing of nail -----	$N.0^{\circ}00'12''E.$
Reduced latitude -----	$34^{\circ}25'22''N.$

The above tests indicate that the instruments are in satisfactory adjustment. Additional tests were made throughout the survey, at frequent intervals.

The observed magnetic declination is $14^{\circ}30'E.$

From the cor. of Ts. 11 and 12 N., Rs. 16 and 17 E.,

$N.0^{\circ}12'W.$ on a random line bet. Rs. 16 and 17 E., setting temporary $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 and 80.00 chs.

407.13

A point 8 lks. W. of the cor. of secs. 1, 6, 7 and 12, hereinafter described.

East Boundary of T.12 N., R.16 E.

I return to the cor. of Ts.11 and 12 N., Rs.16 and 17 E., described in the field notes of the boundaries of T.11 N., R.17 E., surveyed under this group-

Thence,

N.0°11'W., on a true line bet. secs. 31 and 36.

Over slightly rolling land, through scattering timber and undergrowth. Asc. 34 ft. over S. slope.

2.00 Continue slight ascent along W. slope.
16.00 Flat ridge, bears E. and W. Desc. gradually over W. slope.
17.30 Barb wire fence, bears NE. and SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$

S 36 | S 31

1936

from which

A yellow pine, 14 ins. diam., bears S.83 $\frac{1}{2}$ °E., 84 lks. dist., mkd. $\frac{1}{4}$ S 31 B T

A juniper, 30 ins. diam., bears N.64 $\frac{3}{4}$ °W., 165 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Desc. 90 ft. over NE. slope.

48.70 Gulch, course N.25°W. Asc. 54 ft. over SW. slope.
53.30 Spur, slopes NW. Desc. N. slope.
55.30 Gulch, course N. Asc.
60.25 Over level land.
73.00 Desc. 34 ft. over gradual NW. 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. 25, 30, 31 and 36, with brass cap mkd.

T 12 N

R 16 E | R 17 E

S 25 | S 30

S 36 | S 31

1936

from which

A juniper, 36 ins. diam., bears N.10 $\frac{1}{4}$ °E., 54 lks. dist. mkd. T 12 N R 17 E S 30 B T

A juniper, 6 ins. diam., bears S.69 $\frac{1}{4}$ °E., 40 lks. dist. mkd. T 12 N R 17 E S 31 B T

A juniper, 5 ins. diam., bears S. 58° W., 53 lks. dist. mkd. T 12 N R 16 E S 36 B T

A yellow pine, 20 ins. diam., bears N.69°W., 80 lks. dist., mkd. T 12 N R 16 E S 25 B T

Land, level and rolling.

Soil, sandy and rocky, 3rd and 4th rate.

Timber, yellow pine and juniper.

Undergrowth, 2nd, growth pine.

East Boundary of T.12 N., R.16 E.

Chains	N.0°11'W., on a true line bet. secs. 25 and 30. Over rolling land, through scattering pine and dense juniper. Desc. 105 ft. over NW. slope.
13.90	Gulch, course NW. Along W. slope of spur.
17.80	Road, bears E. to Snowflake and W. to Heber.
18.50	Gulch, course SW. Along E. slope.
36.60	Ravine, 2 chs. wide, course SE. Asc. 30 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 marked $\begin{array}{c} \frac{1}{4} \\ \text{S } 25 \text{ S } 30 \\ 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., bears S.68$\frac{1}{2}$°E., 51 lks. dist. mkd. $\frac{1}{4}$ S 30 B T</p> <p>A juniper, 9 ins. diam., bears S.73°W., 15 lks. dist. mkd. $\frac{1}{4}$ S 25 B T</p> <p>Asc. gentle SE. slope.</p>
43.30	Ridge, bears NE. and SW. Along W. slope.
53.30	Forest road, bears SE. and NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked $\begin{array}{c} \text{T } 12 \text{ N} \\ \text{R } 16 \text{ E R } 17 \text{ E} \\ \text{S } 24 \text{ S } 19 \\ \hline \text{S } 25 \text{ S } 30 \\ 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>A juniper, 7 ins. diam., bears N.75°E., 93 lks. dist. mkd. T 12 N R 17 E S 19 B T</p> <p>A juniper, 10 ins. diam., bears S.6$\frac{1}{2}$°E., 91 lks. dist. mkd. T 12 N R 17 E S 30 B T</p> <p>A juniper, 6 ins. diam., bears S.59$\frac{1}{2}$°W., 116 lks. dist. mkd. T 12 N R 16 E S 25 B T</p> <p>A juniper, 6 ins. diam., bears N.38$\frac{1}{2}$°W., 116 lks. dist. mkd. T 12 N R 16 E S 24 B T</p> <p>Land, level and rolling. Soil, sandy loam, 1st. and 2nd. rate, and rocky, 3rd. rate. Timber, pine and juniper. Undergrowth, juniper.</p>
10.00	N.0°11'W., on a true line bet. secs. 19 and 24. Over slightly rolling land, sloping NW., through scattering pine and dense juniper. Slope changes to NE.

Chains	
25.60	Indian Ruins, bear E. 40 lks. dist.
31.00	Slope changes to NW.
38.00	Desc. 20 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 marked
	$\frac{1}{4}$ S 24 S 19 1936
	from which
	A juniper, 14 ins. diam., bears N.57°E., 52 lks. dist. mkd. $\frac{1}{4}$ S 19 B T
	A juniper, 20 ins. diam., bears S.85°W., 89 lks. dist. mkd. $\frac{1}{4}$ S 24 B T
	Continue descent 46 ft. over NW. slope.
44.95	Enter meadow, bears SE. and NW.
50.20	Telephone line, bears SE. to Holbrook and NW. to Heber.
51.75	Drain, course N.30°W.
52.65	Drain, course N.45°W.
53.55	Graded road, bears SE. to Holbrook and NW. to Heber.
58.55	Leave meadow and asc. 23 ft. over SW. slope.
65.00	Spur, slopes SW. Desc. 30 ft. over NW. slope.
71.20	Gulch, course SW. Asc. 60 ft. over SE. slope.
77.80	Spur, slopes W. Along W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap mkd.
	T 12 N R 16 E R 17 E S 13 S 18 S 24 S 19 1936
	from which
	A juniper, 10 ins. diam., bears N.51°E., 31 lks. dist., mkd. T 12 N R 17 E S 18 B T
	A juniper, 8 ins. diam., bears S.40°E., 24 lks. dist. mkd. T 12 N R 17 E S 19 B T
	A juniper, 8 ins. diam., bears S.29 $\frac{1}{2}$ °W., 20 lks. dist. mkd. T 12 N R 16 E S 24 B T
	A juniper, 6 ins. diam., bears N.75 $\frac{1}{2}$ °W., 30 lks. dist. mkd. T 12 N R 16 E S 13 B T
	Land, slightly rolling. Soil, rocky, 3rd. and 4th. rate. Timber, juniper, pinyon and pine. Undergrowth, juniper and pinyon.

East Boundary of T.12 N., R.16 E.

Chains	N.0°11'W., on a true line bet. secs. 13 and 18.
	Over rolling land, through scattering pine and dense juniper. Along W. slope.
4.80	Desc. 40 ft. over spur, sloping N.
7.20	Ravine, 2 chs. wide, course NE.
8.75	Spur, slopes E.
11.50	Desc. 70 ft. over N. slope.
14.00	Enter meadow, bears SE. and NW.
22.97	Intersect line 2-3 HES. No. 194, at a point from which Cor. No. 2 bears N.65°44'E., 10.69 chs. dist.; a limestone 24x15x10 ins., firmly set, marked and witnessed as described in the official record.
	From the same point, Cor. No. 3 of HES. No. 198, bears S.65°44'W., 49.90 chs. dist.; Cor. falls in highway and its position determined from the original bearing trees.
23.71	Barb wire fence, bears E. and W.
33.11	Barb wire fence, bears E. and W. Leave meadow and asc. 66 ft. over SE. slope.
34.31	Intersect line 1-2 of HES. No. 194, at a point from which Cor. No. 1 bears N.54°34'W., 26.23 chs. dist.; a limestone 25x12x6 ins., marked and witnessed as described in the official record.
	From the same point, Cor. No. 2 bears S.54°34'E., 12.00 chs. dist.; hereinbefore described.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, supported in a mound of stone 5 ft. base to top of post, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 13 S 18 1936
	from which
	A juniper, 8 ins. diam., bears N.80 $\frac{1}{4}$ °E., 33 lks. dist. mkd. $\frac{1}{4}$ S 18 B T
	A juniper, 6 ins. diam., bears S.36 $\frac{1}{4}$ °W., 29 lks. dist. mkd. $\frac{1}{4}$ S 13 B T
	Asc. 37 ft. over SE. slope.
42.40	Spur, slopes SW. Desc. 140 ft. over NW. slope.
56.80	Wash, course W. 4 chs. then SW. Asc. 125 ft. over SE. slope.
66.60	Spur, slopes NW. Desc. 25 ft. over NW. slope.
71.40	Ravine, 3 chs. wide, 20 ft. deep, course SW. Asc. 33 ft. over SE. slope.
75.00	Spur, slopes SE. Desc. 104 ft. over NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top

East Boundary of T.12 N., R.16 E.

Chains for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

	T 12 N	
R 16 E	R 17 E	
S 12	S 7	
S 13	S 18	
1936		

from which

A juniper, 6 ins. diam., bears N.27°E., 52 lks. dist.
mkd. T 12 N R 17 E S 7 B T

A yellow pine, 14 ins. diam., bears S.31½°E., 49 lks.
dist., marked T 12 N R 17 E S 18 B T

A juniper, 36 ins. diam., bears S.26¼°W., 58 lks. dist.
mkd. T 12 N R 16 E S 13 B T

A juniper, 24 ins. diam., bears N.30°W., 51 lks. dist.
mkd. T 12 N R 16 E S 12 B T

Land, rolling and broken.

Soil, sandy loam, 1st. and 2nd. rate, rocky, 3rd. & 4th.
rate.

Timber, juniper and pine.

Undergrowth, juniper and pinyon.

N.0°11'W. on a true line bet. secs. 7 and 12.

Over rolling meadow.

5.00 Asc. 85 ft. over SE. slope.

9.90 Leave meadow, enter juniper and pinyon.

10.85 Small spur, slopes SE. Desc. 105 ft.

23.10 Enter meadow, bears NE. and SW.

25.10 Black Canyon Wash, 60 lks. wide, 12 ft. deep, course
S.70°E. 5 chs. thence N.

31.80 Old road, bears NE. and W. in wash, course NW.

35.20 Same wash, course SE. from W.

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

¼

S 12	S 7
------	-----

1936

from which

A juniper, 6 ins. diam., bears S.56°E., 95 lks. dist.
mkd. ¼ S 7 B T

A juniper, 8 ins. diam., bears N.64°W., 62 lks. dist.
mkd. ¼ S 12 B T

Leave meadow and asc. 20 ft. over SW. slope.

43.00 Flat spur, slopes S.

51.30 Asc. 125 ft. over W. slope.

East Boundary of T.12 N., R.16 E.

BOOK 4115

- Chains
- 57.30 Spur, slopes NW. Desc. 125 ft. over NE. slope.
- 60.30 Enter meadow, bears NE. and SW.
- 63.90 Barb wire fence, bears N.15°W. and S.15°E.
- 76.20 Old road, bears E. and W.
- 77.84 Intersect line 5-6 of HES. No. 551.
and CC
From this point, Cor. No. 6, bears N.23°45'W., 10.14 chs, dist.; a limestone 12x8x6 ins. above ground, marked and witnessed as described in the official record.
- From the same point, Cor. No. 5 bears S.23°45'E., 45.72 chs. dist.; the position of Cor. No. 5 was determined from a hole in the ground and the original bearing trees. The original sandstone 24x10x8 ins. properly marked was found lying on top of ground 1.33 chs. dist. I restore same to its true position and reset 14 ins. in the ground. The SW. bearing tree was dead and fallen but scribe marks well preserved.
- 80.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, for 1 mile cor. with brass cap marked
- | |
|-----------------|
| T 12 N |
| R 16 E R 17 E |
| S 12 S 7 |
| 1936 |
- from which
- Olma Bigler's house, bears S.70 $\frac{1}{4}$ °E., 11.32 chs. dist.
- 85.60 Small flat ridge, bears E. and W. Desc. 18 ft. over N. slope.
- 87.13 The cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., 10 ins. above ground, with brass cap mkd.
- | |
|-----------------|
| T 12 N |
| R 16 E R 17 E |
| S 1 S 6 |
| S 12 S 7 |
| 1917 |
- from which
- A yellow pine, 36 ins. diam., bears N.32°E., 222 lks. dist., old blaze overgrown and not opened.
- A yellow pine, 36 ins. diam., bears S.85 $\frac{1}{2}$ °E., 50 lks. dist., old blaze overgrown and not opened.
- A yellow pine, 28 ins. diam., bears S.78 $\frac{1}{4}$ °W., 155 lks. dist., mkd. T 12 N R 16 E S 12 B T
- A yellow pine, 36 ins. diam., bears N.79 $\frac{1}{2}$ °W., 311 lks. dist., mkd. T 12 N R 16 E S 1 B T
- Land, rolling.
Soil, sandy loam, 1st. and 2nd. rate, rocky, 3rd. and 4th. rate.
Timber, juniper and pine; undergrowth, juniper and pinyon.

Chains	Description
	From the cor. of Ts. 11 and 12 N., R. 16 E., which is an iron post, 3 ins. diam., marked and witnessed as described in the field notes of the W. bdy. of T. 11 N., R. 16 E., surveyed under this group,
	North, on W. bdy. of sec. 31.
	Over rolling land, through pine and oak timber. Desc. 73 ft. over NW. slope.
7.80	Wash, course NW. Asc. 10 ft. over SW. slope.
8.80	Spur, slopes NW.
10.40	Desc. 60 ft. over NW. slope.
17.40	Wash, course N. 25° E.
25.70	Asc. 40 ft.
28.70	Spur, slopes SE. Desc. 87 ft. over NW. slope.
39.30	Wash, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap mkd.
	$\frac{1}{4}$ S 31 1936
	from which
	A pine, 8 ins. diam., bears N. 38 $\frac{1}{2}$ ° E., 42 lks. dist., mkd. $\frac{1}{4}$ S 31 B T
	A pine, 6 ins. diam., bears East, 87 lks. dist. mkd. $\frac{1}{4}$ S 31 B T
41.00	Asc. 103 ft. over SE. slope.
46.60	Spur, slopes NE.
50.70	Desc. 130 ft. over NE. slope.
65.00	Wash, course NE. Asc. 140 ft. over SE. slope.
76.20	Ridge, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 30 and 31 only, with brass cap mkd.
	T 12 N S 30 ——— S 31 R 16 E 1936
	from which
	A pine, 18 ins. diam., bears N. 43° E., 67 lks. dist. mkd. T 12 N R 16 E S 30 B T
	A yellow pine, 24 ins. diam., bears S. 52 $\frac{1}{4}$ ° E., 75 lks. dist., mkd. T 12 N R 16 E S 31 B T
	Land, rolling and choppy. Soil, rocky, 4th. rate. Timber, yellow pine and oak; undergrowth, 2nd. growth pine.

West Boundary of T.12 N., R.16 E.

BOOK 4115

- Chains North, on the West bdy. of sec. 30.
Over rolling land, through scattering timber. Desc. NW. slope 156 ft.
- 20.15 Intersect line 14-15 of HES. No. 461.
From this point, cor. No. 14 bears S.55°19'E., 5.02 chs. dist.; a sandstone 24x10x8 ins. marked and witnessed as described in the official record.
From the same point, cor. No. 15 bears N.55°19'W., 15.95 chs. dist.; a limestone 27x16x8 ins. marked and witnessed as described in the official record.
Fence bears S.55°E. and N.55°W.
- 31.81 Intersect line 16-17 of HES. No. 461.
From this point, cor. No. 16 bears N.79°02'W., 3.62 chs. dist.; a limestone boulder 18x16x12 ins. exposed, marked and witnessed as described in the official record.
From the same point, cor. No. 17 bears S.79°02'E., 35.55 chs. dist.; a limestone 32x12x10 ins. marked and witnessed as described in the official record.
- 34.21 Fence, bears S.79°E. and N.79°W. Asc. 63 ft. over SW. slope.
- 37.10 Spur, slopes SW. Desc.
- 39.00 Small draw, course SW. Asc. 20 ft. over SW. slope.
- 39.63 Page wire fence, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, supported in a mound of stone; 5 ft. base to top of post, for $\frac{1}{4}$ sec. cor. of sec. 30 only, with brass cap mkd.

 $\frac{1}{4}$

S 30

1936

from which

A yellow pine, 18 ins. diam., bears N.89°E., 41 lks. dist., mkd. $\frac{1}{4}$ S 30 B TA yellow pine, 6 ins. diam., bears S.34 $\frac{1}{2}$ °E., 36 lks. dist., mkd. $\frac{1}{4}$ S 30 B T

Asc. 28 ft. over SW. slope.

- 42.00 Ridge, bears SE. and NW. Along W. slope.
- 64.00 Slope changes to SE.
- 78.96 Drain, course E. 2 chs. thence NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 19 and 30 only, with brass cap marked

T 12 N

S 19

S 30

R.16 E

1936

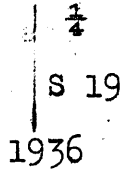
from which

West Boundary of T.12 N., R.16 E.

Chains
 A yellow pine, 30 ins. diam., bears N.55½°E., 164 lks. dist., mkd. T 12 N R 16 E S 19 B T
 A yellow pine, 8 ins. diam., bears S.72½°E., 96 lks. dist., mkd. T 12 N R 16 E S 30 B T
 Land, rolling and nearly level.
 Soil, sandy loam, 1st. rate, and rocky, 4th. rate.
 Timber, yellow pine, juniper and oak; undergrowth, 2nd. growth pine.

North, on the west bdy. of sec. 19.
 Over nearly level land, through pine, juniper and oak.
 39.40 Forest road, bears N.60°E. and S.60°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 27 ins. in the ground, for ¼ sec. cor. of sec. 19 only, with brass cap mkd.



A juniper, 6 ins. diam., bears N.71½°E., 75 lks. dist. mkd. ¼ S 19 B T from which

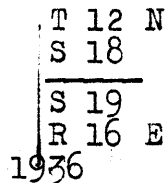
A juniper, 18 ins. diam., bears S.12°E., 126 lks. dist. mkd. ¼ S 19 B T

57.20 Desc. 73 ft. over NW. slope.

68.80 Wash, course NW.

71.40 Desc. 30 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, supported in a mound of stone 6 ft. base, to top of post, for cor. of secs. 18 and 19 only, with brass cap mkd.



A yellow pine, 24 ins. diam., bears N.18½°E., 65 lks. dist., mkd. T 12 N R 16 E S 18 B T from which

A yellow pine, 20 ins. diam., bears S.20½°E., 83 lks. dist., mkd. T 12 N R 16 E S 19 B T

Land, nearly level.
 Soil, sandy loam, 1st. rate and rocky, 3rd. rate.
 Timber, yellow pine, juniper and oak; undergrowth, some 2nd. growth pine.

North, on the west bdy. of sec. 18.

Desc. gentle NW. slope over slightly rolling land, through yellow pine and juniper.

10.80 Enter Hanks draw, course NE.

15.80 Middle of Hanks draw.

West Boundary of T.12 N., R.16 E.

LOCK 4115

Chains	
18.10	Truck Trail, bears SW. to Walnut Ranch and NE. to Nelsons Tank.
21.00	Leave Hanks draw and asc. 46 ft. over SE. slope.
29.20	Spur, slopes SE. Along E. slope.
37.87	Forest Truck Trail, bears S.60°W. to Walnut Ranch and N.60°E. to Nelsons Tank.
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. 18 only, with brass cap mkd.
	$\frac{1}{4}$ S 18 1936
	from which
	A yellow pine, 8 ins. diam., bears N.12°E., 102 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
	A yellow pine, 9 ins. diam., bears S.25 $\frac{1}{2}$ °E., 52 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
43.00	Draw, course N.80°E. Land nearly level.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 7 and 18 only, with brass cap marked
	T 12 N S 7 — S 18 R 16 E 1936
	from which
	A yellow pine, 14 ins. diam., bears N.34 $\frac{1}{4}$ °E., 58 lks. dist., mkd. T 12 N R 16 E S 7 B T
	A yellow pine, 12 ins. diam., bears S.37 $\frac{1}{4}$ °E., 67 lks. dist., mkd. T 12 N R 16 E S 18 B T
	Land, 1st. half, rolling; 2nd. half, level. Soil, sandy loam, 1st. rate, and rocky, 3rd. rate. Timber, yellow pine and juniper; undergrowth, pinyon and 2nd. growth pine.
	North, on the west boundary of sec. 7.
	Over nearly level land, through pine, juniper and pinyon.
37.90	Drain, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap mkd.
	$\frac{1}{4}$ S 7 1936
	from which
	A yellow pine, 16 ins. diam., bears N.36 $\frac{1}{2}$ °E., 205 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

West Boundary of T.12 N., R.16 E.

Chains A juniper, 20 ins. diam., bears S.68°E., 205 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

64.10 Road and Forest Service telephone line, bear N.75°E. and S.75°W.

65.50 Barb wire fence, bears N.75°E. and S.75°W..

80.00 Set an iron post, 3-ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5, with brass cap marked

4.	S 7
5	

1936

87.70 A point west of the cor. of secs. 5, 6, 7 and 8, hereinafter described.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bed rock, and in a mound of stone to top, for cor. of secs. 6 and 7 only, with brass cap mkd.

T 12 N	
S 6.	
S 7	
R 16 E	

1936

from which

A juniper, 20 ins. diam., bears N.47 $\frac{1}{2}$ °E., 82 lks. dist., mkd. T 12 N R 16 E S 6 B T

A juniper, 14 ins. diam., bears S.24 $\frac{1}{2}$ °E., 81 lks. dist., mkd. T 12 N R 16 E S 7 B T

Land, level and gently rolling.
Soil, gravelly and rocky, 3rd. rate.
Timber, yellow pine, juniper and pinyon.
Undergrowth, scrub juniper and pinyon.

North, on the west bdy. of sec. 6.

Over level land, through pine, juniper and pinyon.

32.06 Intersect the 3rd. Standard Parallel North.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of Ts. 12 N., Rs.15 and 16 E., with brass cap mkd.

T 13 N R 16 E	
S 31	
S 6	
R 16 E	
T 12 N	
C C	

1936

from which

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

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

From point of intersection the standard $\frac{1}{4}$ sec. cor., S. bdy. of sec. 31, T.13 N., R.16 E., bears West, 1.85 chs. dist., an iron post 1 in. diam., projecting 10 ins. above ground, in a mound of stone, with brass cap mkd. and wit-

West Boundary of T.12 N., R.16 E.

4115

Chains

nessed as described in the official record.
Land, level.
Soil, gravelly and rocky, 2nd. and 3rd. rate.
Timber, yellow pine, juniper and pinyon; undergrowth,
scrub juniper and pinyon.

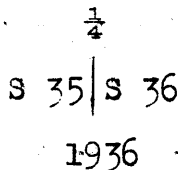
Subdivision of T.12 N., R.16 E.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.
described in the field notes of the N. bdy. of T.11 N., R.
16 E., surveyed under this group,

N.0°12'W., bet. secs. 35 and 36.

Over rolling land, through scrub juniper, scattering pine
and pinyon. Desc. NW. slope 60 ft. to

- 5.20 Ravine, 1 ch. wide, 10 ft. deep, course NW. Asc. SW. slope.
- 10.00 Flat spur, slopes NW. Desc. 34 ft. over NW. slope.
- 15.00 Same ravine, course NE. Asc. 57 ft. over SE. slope.
- 21.80 Small spur, slopes NE.
- 25.00 Ravine, course NE. Asc. 70 ft. over SE. slope.
- 30.70 Ridge, bears NE. and SW.
- 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.



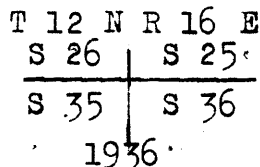
from which

A juniper, 6 ins. diam., bears N.42 $\frac{1}{4}$ °E., 156 lks.
dist., mkd. $\frac{1}{4}$ S 36 B T

A juniper, 6 ins. diam., bears S.15 $\frac{1}{4}$ °W., 75 lks.
dist., mkd. $\frac{1}{4}$ S 35 B T

Desc. 60 ft. over NW. slope.

- 46.23 Ravine, course NE. Asc. 27 ft.
- 49.10 Small spur, slopes NE.
- 54.10 Desc. 50 ft. over NW. slope.
- 59.50 Ravine, course NE. Asc. 70 ft. over SE. slope.
- 63.60 Spur, slopes NE. Over E. slope.
- 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 juniper, 30 ins. diam., bears N.84°E., 71 lks. dist.
mkd. T 12 N R 16 E S 25 B T

Chains	<p>A juniper, 6 ins. diam., bears S.69$\frac{1}{2}$°E., 90 lks. dist. mkd. T 12 N R 16 E S 36 B T</p> <p>A juniper, 18 ins. diam., bears S.49°W., 118 lks. dist. mkd. T 12 N R 16 E S 35 B T</p> <p>A juniper, 8 ins. diam., bears N.82$\frac{1}{2}$°W., 56 lks. dist. mkd. T 12 N R 16 E S 26 B T</p> <p>Land, rolling and broken. Soil, rocky, 4th. rate. Timber, scrub juniper, pine and pinyon; undergrowth, scrub juniper, 2nd. growth pine and pinyon.</p>
	<p>East, on a random line bet. secs. 25 and 36.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.00 A point 4 lks. S. of the cor. of secs. 25, 30, 31 and 36 on E. bdy., hereinbefore described.</p> <p>Thence</p> <p>S.89°58'W., on a true line bet. secs. 25 and 36.</p> <p>Over rolling land, through pine and juniper. Desc. NW. slope 46 ft.</p> <p>4.50 Draw, course NE. Asc. 30 ft.</p> <p>13.70 Desc. 72 ft. over NW. slope.</p> <p>19.75 Ravine, course NE. Asc. 36 ft.</p> <p>24.25 Small spur, slopes NE. Desc. 90 ft. over NW. slope.</p> <p>33.80 Road, bears N.15°E. to Snowflake and S.15°W. Enter Buckskin Canyon.</p> <p>35.20 Barb wire fence, bears N.15°E. and S.15°W.</p> <p>36.50 Road, bears NE. to Heber and SW. to Turkey Springs.</p> <p>40.00 True point for $\frac{1}{4}$ sec. cor. falls in middle of Buckskin wash, 4 ft. deep, 2 chs. wide, course N.</p> <p>41.00 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.</p> <div style="text-align: center;"> <p>S 25 $\frac{1}{4}$ ---- W C S 36 1936</p> </div> <p style="text-align: right;">from which</p> <p>A yellow pine, 24 ins. diam., bears N.13°E., 187 lks. dist., mkd. W C $\frac{1}{4}$ S 25 B T</p> <p>A yellow pine, 10 ins. diam., bears S.58$\frac{1}{2}$°E., 54 lks. dist., mkd. W C $\frac{1}{4}$ S 36 B T</p> <p>43.40 Forest road, bears N. and S. Leave Buckskin Canyon and Asc.</p> <p>47.00 Spur, slopes NE. Desc. 23 ft.</p> <p>50.60 Junction of two draws, course NE. from S. and SW.</p> <p>52.00 Road, bears NE. and SW.</p> <p>58.50 Asc. 125 ft. over SE. slope.</p>

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BOSTON 411C

Chains 80.00	<p>The cor. of secs. 25, 26, 35 and 36.</p> <p>Land, rolling. Soil, sandy loam, 1st. rate, and rocky, 3rd. and 4th. rate. Timber, yellow pine and juniper; undergrowth, scrub juniper, 2nd. growth pine and pinyon.</p>
	<p>N.0°12'W., bet. secs. 25 and 26.</p> <p>Over gently rolling land, through juniper and pine.</p>
1.50	Road, bears NE. and SW. Desc. 60 ft. over NE. slope.
9.00	Draw, course N.60°E. Asc. 35 ft. over SE. slope.
12.80	Top of ascent. Over nearly level land.
20.10	Barb wire fence, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 26 \text{ S } 25 \\ \hline 1936 \end{array}$
	from which
	A juniper, 10 ins. diam., bears S.76 $\frac{1}{2}$ °E., 79 lks. dist., mkd. $\frac{1}{4}$ S 25 B T
	A juniper, 18 ins. diam., bears N.69 $\frac{1}{2}$ °W., 54 lks. dist., mkd. $\frac{1}{4}$ S 26 B T
52.60	Desc. 90 ft. over NW. slope.
68.50	Ravine, course NE.
73.42	Forest road, bears NE. to Heber and SW. 5 chs. thence W. to Heber Ranger Station. Asc. 26 ft. over SE. slope.
79.30	Small spur, slopes SE. Desc. 9 ft. to cor.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap mkd.
	$\begin{array}{c} \text{T } 12 \text{ N } R \text{ } 16 \text{ E} \\ \text{S } 23 \text{ S } 24 \\ \hline \text{S } 26 \text{ S } 25 \\ \hline 1936 \end{array}$
	from which
	A yellow pine, 16 ins. diam., bears N.48°E., 59 lks. dist., mkd. T 12 N R 16 E S 24 B T
	A yellow pine, 18 ins. diam., bears S.15°E., 58 lks. dist., mkd. T 12 N R 16 E S 25 B T
	A yellow pine, 6 ins. diam., bears S.12°W., 82 lks. dist., mkd. T 12 N R 16 E S 26 B T
	A yellow pine, 6 ins. diam., bears N.57 $\frac{1}{2}$ °W., 70 lks. dist., mkd. T 12 N R 16 E S 23 B T
	Land, rolling. Soil, gravelly, 2nd. rate, and rocky, 4th. rate. Timber, pine and juniper; Undergrowth, scrub juniper. and

Chains	2nd. growth pine and pinyon.
	N. 89° 58' E., on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	A point 6 lks. N. of the cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp., hereinbefore described.
	Thence
	N. 89° 59' W., on a true line bet. secs. 24 and 25.
	Over nearly level land, through scattering pine and dense juniper.
22.35	Desc. 35 ft. to
28.80	Ravine, 150 lks. wide, 20 ft. deep, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 24 ----- S 25 1936
	from which
	A juniper, 6 ins. diam., bears N. 34° W., 38 lks. dist. mkd. $\frac{1}{4}$ S 24 B T
	A juniper, 8 ins. diam., bears S. 54 $\frac{3}{4}$ ° W., 41 lks. dist. mkd. $\frac{1}{4}$ S 25 B T
	Desc. 94 ft. over SW. slope.
46.30	Foot of descent. Enter Buckskin Canyon.
49.51	Barb wire fence, bears N. and S.
50.90	Buckskin wash, 1 ch. wide, 4 ft. deep, course NE.
51.10	Intersect line 3-4 of HES. No. 455.
	From this point, the point for Cor. No. 3, bears N. 28° 28' W., 4.11 chs. dist.; point for cor. determined from depression in ground where cor. stone was removed and the witness mound. The original cor. stone, properly marked was found nearby. I reset same in its proper place, from which the original bearing trees:
	A yellow pine, 16 ins. diam., bears N. 23° E., 170 lks. dist. Scribe marks visible when blaze cut open.
	A yellow pine, 12 ins. diam., bears S. 70° E., 84 lks. dist. Scribe marks visible when blaze opened.
	From the same point, cor. No. 4, bears S. 28° 28' E., 40.85 chs. dist.; a limestone 24x12x8 ins. marked and witnessed as described in the official record.
52.58	Fence, bears N. and S. Enter cultivated field.
63.08	Fence, bears N. and S. Leave field.
63.18	Intersect line 1-2 of HES. No. 455.
	From this point, cor. No. 1, bears S. 15° 48' E., 14.77 chs. dist.; a limestone 20x14x8 ins., marked and witnessed as

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BOOK 4115

Chains	described in the official record.
	Asc. 43 ft. over E. slope.
64.40	Top of ascent. Desc. 24 ft. over limestone cliffs.
66.44	Forest road, bears N. to Heber and SE. to Lincoln guard station.
73.24	Wash, 20 lks. wide, 1½ ft. deep, course NE.
76.34	Road, bears NE. to Heber road, and SW. to Heber ranger station.
80.00	The cor. of secs. 23, 24, 25 and 26.
	Land, level and rolling. Soil, Sandy loam, 1st and 2nd. rate, gravelly and rocky, 3rd. and 4th. rate. Timber, scrub juniper and yellow pine; undergrowth, scrub juniper and 2nd. growth pine and pinyon.
	N.0°12'W., bet. secs. 23 and 24.
	Over rolling land, through juniper, pine and pinyon. Asc. 54 ft. over SE. slope.
10.00	Spur, slopes SE. Desc. 57 ft. over NE. slope.
15.00	Ravine, course SE. Asc. 27 ft. over SE. slope.
22.30	Spur, slopes E. Desc. 17 ft.
23.65	Ravine, course SE. Asc. 26 ft.
27.30	Spur, slopes SE. Over nearly level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S 23 S 24 1936
	from which
	A juniper, 6 ins. diam., bears N.53°E., 15 lks. dist., mkd. ¼ S 24 B T
	A juniper, 8 ins. diam., bears S.23½°W., 66 lks. dist. mkd. ¼ S 23 B T
47.80	Desc. 40 ft.
54.40	Ravine, course NW. Along W. slope.
63.25	Desc. 130 ft. over NW. slope.
64.03	Intersect line 12-1 of HES. No. 199.
	From this point, cor. No.1, bears S.56°56'W., 18.03 chs. dist.; a limestone in place marked and witnessed as described in the official record.
	From the same point, cor. No.12, identical with cor. No.3, HES. No. 194, and cor. No.2, HES.No.198, bears N.56°56'E.; 17.40 chs. dist.; a stone marked with a cross and buried 8 ins. below the surface of the ground. A limestone

Chains	<p>28x12x10 ins., mkd. as described in the official record was found lying on top of the ground nearby. I reset same at the proper place, from which</p> <p>A pine, 24 ins. diam., bears S.82°20'W., 78 lks. dist. mkd. 12-HES-199-B T The other old bearing trees are dead and the stumps rotted away.</p> <p>67.20 Foot of descent. Enter Black canyon, course NE.</p> <p>69.08 Barb wire fence, bears E. and W.</p> <p>70.28 Barb wire fence, bears E. and W.</p> <p>72.10 Middle of Black Canyon wash, 3 chs. wide, 4 ft. deep, course NE.</p> <p>77.30 Telephone line, bears E. and W.</p> <p>78.69 Graded road, bears E. to Heber and W. to Young.</p> <p>79.49 Barb wire fence, bears E. and W. Enter cultivated field.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. below the surface of ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T 12</td> <td>N R 16</td> <td>E</td> </tr> <tr> <td>S 14</td> <td></td> <td>S 13</td> </tr> <tr> <td>S 23</td> <td></td> <td>S 24</td> </tr> </table> <p>1936</p> </div> <p style="text-align: right;">from which</p> <p>The SW. cor. of M. Keate Despain's house, bears N.19°E. 162 lks. dist.</p> <p>A juniper, 6 ins. diam., bears N.15¼°E., 400 lks. dist. mkd. T 12 N R 16 E S 13 B T</p> <p>A juniper, 8 ins. diam., bears N.49°W., 310 lks. dist. mkd. T 12 N R 16 E S 14 B T</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.</p> <p>Land, rolling and level. Soil, sandy loam, 1st. and 2nd. rate, gravelly and rocky, 3rd. and 4th. rate. Timber, juniper, yellow pine and pinyon; undergrowth, scrub juniper and pinyon.</p> <hr/> <p>S.89°59'E., on a random line bet. secs. 13 and 24.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>80.02 A point 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., hereinbefore described.</p> <p>Thence</p> <p>N.89°58'W., on a true line bet. secs. 13 and 24.</p> <p>Over rolling land, through dense juniper, pinyon and scattering pine. Desc. 94 ft. over SW. slope.</p> <p>5.00 Foot of descent. Enter valley.</p> <p>13.71 Culvert at intersection of highway and wash; highway bears</p>	T 12	N R 16	E	S 14		S 13	S 23		S 24
T 12	N R 16	E								
S 14		S 13								
S 23		S 24								

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	S.27°E. to Holbrook and N.27°W. to Heber. Wash, 30 lks. wide, 5 ft. deep, course NW.
15.02	Telephone line, bears S.27°E. to Holbrook and N.27°W. to Heber.
18.25	Leave valley, bears S.27°E. and N.27°W. Asc. 108 ft. over NE. slope.
24.10	Spur, slopes NW. Desc. 68 ft. over W. slope.
29.00	Ravine, course N.10°W. Asc. 38 ft. over E. slope.
31.20	Along N. slope.
34.70	Spur, slopes N. Desc. 46 ft. over W. slope.
37.10	Ravine, course N.10°W. Asc. 50 ft. over NE. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	S 13 $\frac{1}{4}$ ---- S 24 1936
	from which
	A juniper, 12 ins. diam., bears N.39 $\frac{1}{2}$ °W., 76 lks. dist. mkd. $\frac{1}{4}$ S 13 B T
	A juniper, 8 ins. diam., bears S.55 $\frac{1}{2}$ °E., 33 lks. dist. mkd. $\frac{1}{4}$ S 24 B T
	Continue ascent 15 ft. over NE. slope.
41.20	Spur, slopes NE. Desc. 110 ft. over W. slope.
45.60	Intersect line 3-4 of HES. No.198.
	From this point, the point for cor.No.3, as determined from the original bearing trees, bears N.1°08'W., 2.43 chs. dist.
	From the same point, cor. No.4, bears S.1°08'E., 76.04 chs. dist.; a limestone boulder in place, marked and witnessed as described in the official record.
46.80	Buckskin canyon wash, 1 ch. wide, 5 ft. deep, course N. Highway bridge over wash bears N. about 2.50 chs. dist. Over open land.
50.00	Enter highway, bears W. and NE. to Holbrook.
57.00	Enter town of Heber.
64.27	NE. cor. of Shelley's store and postoffice, bears S. 65 lks. dist.
65.26	Cor. No.12, HES. No.199 bears S.1°27'W., 6.50 chs. dist. Buckskin canyon road, bears S.
67.94	SW. cor. of school house, bears N. 85 lks. dist.
70.00	Leave town of Heber.
75.00	Center of Black Canyon wash, 3 chs. wide, 4 ft. deep course N.
	Leave highway, bears E. and SW.
78.42	Barb wire fence, bears N.10°E. and S.10°W. Enter field.
80.02	The cor. of secs. 13, 14, 23 and 24.

Chains	
	Land, rolling on E. half; level valley on W. half. Soil, sandy loam, 2nd. rate, and rocky, 4th. rate. Timber, juniper, pinyon and scattering yellow pine. Undergrowth, scrub juniper and 2nd. growth pinyon.
	N.0°12'W., bet. secs. 13 and 14.
	Over level field.
1.86	Intersect line 10-11, HES. No. 199.
	From this point, cor. No.10 bears S.57°24'W., 12.66 chs. dist.; a limestone 25x10x5 ins. marked and witnessed as described in the official record, except that the NE.B.T. is missing, point for same falling in road.
	Fence follows HES line. Leave field.
2.60	Old road bears S.57½°W. Asc. 63 ft. over SW. slope.
4.90	Spur, slopes SE. Desc. 50 ft. over NE. slope.
12.00	Drain, course SE. Asc. 90 ft. over SW. slope.
20.00	Top of ascent. Over nearly level land.
24.50	Flat spur, slopes E.
33.00	Drain, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 14 S 13 1936 from which A juniper, 10 ins. diam., bears N.67½°E., 61 lks. dist., mkd. ¼ S 13 B T A juniper, 5 ins. diam., bears S.50°W., 65 lks. dist., mkd. ¼ S 14 B T Over series of, small spurs and ravines, draining E. Asc. slightly. 49.70 Top of ascent, bears SE. and NW. Desc. slightly. 63.40 Desc. 83 ft. over NE. slope. 69.35 Ravine, course NW. Along W. slope. 73.50 Desc. 30 ft. over NW. slope. 78.40 Wash, 25 lks. wide, 6 ft. deep, course N.55°E. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked T 12 N R 16 E S 11 S 12 S 14 S 13 1936 from which A juniper, 8 ins. diam., bears N.19½°E., 67 lks. dist.

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BOOK 4118

Chains	<p>mkd. T 12 N R 16 E S 12 B T</p> <p>A juniper, 6 ins. diam., bears S.42°E., 137 lks. dist. mkd. T 12 N R 16 E S 13 B T</p> <p>A juniper, 6 ins. diam., bears S.52½°W., 161 lks. dist. mkd. T 12 N R 16 E S 14 B T</p> <p>A juniper, 6 ins. diam., bears N.48°W., 79 lks. dist. mkd. T 12 N R 16 E S 11 B T</p> <p>Land, rolling. Soil, rocky clay, 4th. rate. Timber, juniper, pinyon and yellow pine. Undergrowth, scrub juniper and pinyon.</p> <hr/> <p>S.89°58'E., on a random line bet. secs. 12 and 13.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>80.00 A point 6 lks. S. of the cor. of secs. 7, 12, 13 and 18 on E. bdy. of Tp., hereinbefore described.</p> <p>Thence</p> <p>S.89°59'W., on a true line bet. secs. 12 and 13.</p> <p>Over slightly rolling land. Desc. 45 ft. over gentle W. slope.</p> <p>6.27 Old road, bears SW. and N., in wash 4½ chs. wide, course N.</p> <p>8.47 West bank of wash. Thence over nearly level, open land.</p> <p>19.18 Road, bears N. and S. Asc. 90 ft. over E. slope.</p> <p>22.20 Top of limestone bluff, 40 ft. high, bears N. and S. Asc. 68 ft. over SE. slope.</p> <p>32.60 Top of ascent. Along N. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bed rock and in a mound of stone to top, for ¼ sec. cor. with brass cap marked</p> <p style="text-align: center;">S 12 ¼ ---- S 13 1936</p> <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears N.77°E., 11 lks. dist. mkd. ¼ S 12 B T</p> <p>A juniper, 6 ins. diam., bears S.7°E., 34 lks. dist. mkd. ¼ S 13 B T</p> <p>41.25 Small draw, course NE. Asc. 33 ft. over NE. slope.</p> <p>63.70 Desc. 100 ft. over NW. slope.</p> <p>68.93 Small ravine, course NE. Asc. slightly.</p> <p>72.60 Small spur, slopes N.</p> <p>77.60 Wash, 40 lks. wide, 6 ft. deep, course NE.</p> <p>80.00 The cor. of secs. 11, 12, 13 and 14.</p>
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Chains	Land, level and rolling. Soil, sandy loam, 1st. rate and rocky, 4th. rate. Timber, juniper, pinyon and yellow pine; undergrowth, scrub juniper and pinyon.
	N.0°12'W., on a random line bet. seac. 11 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.42	A point 20 lks. W. of the cor. of secs. 1, 2, 11 and 12. I return to the cor. of secs. 11, 12, 13 and 14, Thence
	N.0°04'W., on a true line bet. secs. 11 and 12. Over rolling land, through dense juniper and pinyon.
1.00	Asc. 60 ft. over SE. slope.
2.75	Small spur, slopes SW. Asc. 54 ft. over SW. slope.
9.75	Spur, slopes SE. Over broken land.
16.60	Desc. 60 ft. over NE. slope.
20.38	Wash, 30 lks. wide, 6 ft. deep, course SE. Asc. 80 ft. over SE. slope.
26.10	Spur, slopes NE. Desc. 70 ft. over NW. slope.
33.50	Ravine, course NE. Asc. 22 ft. to $\frac{1}{4}$ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 11 S 12 1936
	from which
	A juniper, 6 ins. diam., bears N.81 $\frac{3}{4}$ °E., 38 lks. dist. mkd. $\frac{1}{4}$ S 12 B T
	A juniper, 5 ins. diam., bears N.32 $\frac{1}{4}$ °W., 24 lks. dist. mkd. $\frac{1}{4}$ S 11 B T
	Asc. slightly along SE. slope.
42.80	Spur, slopes SE.
44.30	Top of limestone cliff, 20 ft. high.
47.65	Wash, 60 lks. wide, course NE. Asc. 50 ft. over SE. slope.
49.40	Spur, slopes SE.
52.20	Desc. 86 ft. over NW. slope.
62.55	Wash, 40 lks. wide, 5 ft. deep, course NE.
66.60	Small spur, slopes SE.
68.00	Ravine, course SE. Asc. 55 ft. over SW. slope.
71.90	Spur, slopes SE. Desc. 50 ft. over NE. slope.

Subdivision of T.12 N.,R.16 E.

BOOK 4117

Chains

75.35

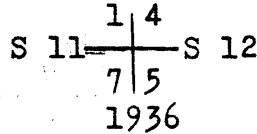
Ravine, course SE. Asc. 55 ft. over SW. slope and broken limestone boulders.

79.70

Spur slopes NE.

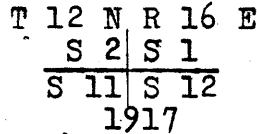
80.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock and in a mound of stone to top, for cor. of lots 4 and 5 of sec. 12, and lots 1 and 7 of sec. 11, with brass cap mkd.



87.42

The cor. of secs. 1,2,11 and 12, which is an iron post, 2 ins. diam., 16 ins. above ground, with brass cap mkd.



The original bearing trees

from which

A cedar, 8 ins. diam., bears N.45 $\frac{1}{4}$ °E., 55 lks. dist., mkd. T 12 N R 16 E S 1 B T

A pinyon 6 ins. diam., bears S.20 $\frac{1}{2}$ °E., 23 lks. dist., mkd. T 12 N R 16 E S 12 B T

A pinyon 8 ins. diam., bears S.36 $\frac{1}{2}$ °W., 46 lks. dist., mkd. T 12 N R 16 E S 11 B T

A pinyon 4 ins. diam., bears N.85 $\frac{1}{2}$ °W., 25 lks. dist., mkd. T 12 N R 16 E S 2 B T

Raise a mound of stone 3 ft. base, 1 ft. high around post.

Land, rolling.

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

Timber, juniper, pinyon and yellow pine; undergrowth scrub juniper and pinyon.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., described in the field notes of the N. bdy. of T.11 N.,R. 16 E., surveyed under this group.

N.0°12'W., bet. secs. 34 and 35.

Over gentle rolling land, through heavy pine, juniper and pinyon. Desc. 106 ft. over gradual NW. slope.

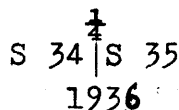
33.90

Wash, 20 lks. wide, course NE. Asc. gradually.

40.00

Head of draw, course E.

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



from which

A black pine, 8 ins. diam., bears N.53 $\frac{1}{2}$ °E., 39 lks. dist., mkd. $\frac{1}{4}$ S 35 B T

A black pine 8 ins. diam., bears N.45°W., 35 lks. dist., mkd. $\frac{1}{4}$ S 34 B T

Asc. 35 ft. over SW. slope.

43.00

Continue ascent 60 ft. over SE. slope.

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BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains
60.90 Barb wire fence, bears E. and S. 88° W.
69.10 Fence, bears N. 23 3/4° E. and S. 23 3/4° W.
72.80 Top of ascent. Low divide, bears NE. and SW. Desc. gentle NW. slope.
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.

T 12 N R 16 E	
S 27	S 26
S 34	S 35
1936	

from which

A black pine, 6 ins. diam., bears N. 59 1/4° E., 30 lks. dist., mkd. T 12 N R 16 E S 26 B T

A juniper, 12 ins. diam., bears S. 10 1/4° E., 149 lks. dist., mkd. T 12 N R 16 E S 35 B T.

A yellow pine, 24 ins. diam., bears S. 32° W., 89 lks. dist., mkd. T 12 N R 16 E S 34 B T

A juniper, 24 ins. diam., bears N. 62 3/4° W., 91 lks. dist., mkd. T 12 N R 16 E S 27 B T

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

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

40.00 Set temp. 1/4 sec. cor.

80.02 A point 2 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S. 89° 59' W., on a true line bet. secs. 26 and 35.

Over rolling land, through yellow pine, juniper and oak. Asc. gentle SE. slope.

2.00 Low ridge, bears NE. and SW. Desc. NW. slope.

2.56 Truck road, bears N. 62° E. and S. 52 3/4° W.

9.00 Head of draw, course N. 20° E. Asc. 46 ft. over gradual E. slope.

19.80 Spur, slopes N. 20° E. Desc. gentle W. slope.

33.93 Barb wire fence, bears N. 68° E. and S. 68° W.

38.42 Barb wire fence, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, in mound of stone to top, for 1/4 sec. cor., with brass cap marked

S 26
1/4
S 35
1936

from which

Subdivision of T.12 N., R.16 E.

BOX 41A

Chains	<p>A yellow pine, 20 ins. diam., bears N. $33\frac{3}{4}^{\circ}$ E. 95 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>A juniper, 6 ins. diam., bears S. $41\frac{1}{4}^{\circ}$ W., 62 lks. dist. mkd. $\frac{1}{4}$ S 35 B T</p> <p>Desc. 95 ft. over SW. slope.</p>
46.50	Draw, course NW. Asc. NE. slope 20 ft.
49.00	Small spur, slopes NW. Desc. 30 ft.
51.50	Draw, course N. Asc. 130 ft. over SE. slope.
71.89	Fence and ridge, bear N. 45° E. and S. 45° W. Desc. 40 ft. over W. slope.
80.02	The cor. of secs. 26, 27, 34 and 35.
	<p>Land, rolling.</p> <p>Soil, clay loam and rocky, 1st. to 3rd. rate.</p> <p>Timber, yellow pine, juniper and oak.</p> <p>Undergrowth, scrub juniper and 2nd. growth pine.</p>
	<p>N. 0° 12' W., bet. secs. 26 and 27.</p> <p>Over rolling mountainous land, through heavy timber. Desc. 180 ft. over NW. slope.</p>
16.00	Draw, course NW. Along W. slope.
20.20	Spur, slopes SW. Desc. 40 ft. over NW. slope.
22.55	Barb wire fence, bears N. 53° E. and S. 53° W. Enter Black canyon wash, course NE.
27.80	Leave wash.
28.59	Fence bears N. $13\frac{1}{2}^{\circ}$ E. and S. $13\frac{1}{2}^{\circ}$ W. Enter field.
30.60	Ravine, course NE.
35.39	Fence bears N. 77° W. and S. 77° E. Leave field.
37.20	Road, bears N. 83° E., 2 chs. thence N. to Heber and S. 83° 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 marked
	<p style="text-align: center;"> $\frac{1}{4}$ S 27 S 26 1936 </p> <p style="text-align: right;">from which</p>
	<p>A yellow pine, 26 ins. diam., bears S. $88\frac{1}{4}^{\circ}$ E., 100 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>A yellow pine; 30 ins. diam., bears N. 74° W., 90 lks. dist., mkd. $\frac{1}{4}$ S 27 B T</p>
	Continue over bottom land.
43.40	Begin gradual ascent.
45.00	Point of spur, slopes E.
49.10	Draw, course E. 2 chs. to wash.

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BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains	<p>50.00 Asc. 77 ft. over SE. slope.</p> <p>53.20 Spur, slopes E. Desc. 63 ft. over NE. slope.</p> <p>63.15 Wash, course E. Asc. 160 ft. over SW. slope.</p> <p>77.40 Spur, slopes E.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cpr. of secs. 22, 23, 26 and 27, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">T 12 N R 16 E.</td> </tr> <tr> <td>S 22</td> <td>S 23</td> </tr> <tr> <td>S 27</td> <td>S 26</td> </tr> <tr> <td colspan="2">1936</td> </tr> </table> </div> <p style="text-align: right;">from which</p> <p>A juniper, 5 ins. diam., bears N.49°E., 32 lks. dist. mkd. T 12 N R 16 E S 23 B T</p> <p>A pinyon, 6 ins. diam., bears S.70½°E., 67 lks. dist. mkd. T 12 N R 16 E S 26 B T</p> <p>A juniper, 5 ins. diam., bears S.52°W., 30 lks. dist. mkd. T 12 N R 16 E S 27 B T</p> <p>A juniper, 5 ins. diam., bears N.44½°W., 25 lks. dist. mkd. T 12 N R 16 E S 22 B T</p> <p>Land, rolling mountainous. Soil, clay loam, 1st. rate, and rocky, 3rd. rate. Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.</p> <hr/> <p>N.89°59'E., on a random line bet. secs. 23 and 26.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>80.04 Intersect the cor. of secs. 23, 24, 25 and 26.</p> <p>Thence</p> <p>S.89°59'W., on a true line bet. secs. 23 and 26.</p> <p>Over rolling land, through pine, juniper and oak. Asc. NE. slope 30 ft.</p> <p>4.00 Spur, slopes SE. Desc. 23 ft. over SW. slope.</p> <p>5.80 Draw, course S.20°E.</p> <p>7.25 Small spur, slopes SE. Desc. 32 ft. over SW. slope.</p> <p>8.30 Wash, course SE. Asc. 80 ft. over NE. slope.</p> <p>15.35 Spur, slopes SE.</p> <p>17.20 Head of draw, course SE. Asc. 27 ft.</p> <p>23.15 Ridge, bears NE. and SW. Desc. 163 ft. over W. slope.</p> <p>40.02 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">S 23</td> </tr> <tr> <td>¼</td> <td>-----</td> </tr> <tr> <td colspan="2">S 26</td> </tr> <tr> <td colspan="2">1936</td> </tr> </table> </div> <p style="text-align: right;">from which</p>	T 12 N R 16 E.		S 22	S 23	S 27	S 26	1936		S 23		¼	-----	S 26		1936	
T 12 N R 16 E.																	
S 22	S 23																
S 27	S 26																
1936																	
S 23																	
¼	-----																
S 26																	
1936																	

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	<p>A black pine, 6 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ E., 144 lks. dist., mkd. $\frac{1}{4}$ S 23 B T</p> <p>A black pine, 14 ins. diam., bears S. $8\frac{3}{4}^{\circ}$ W., 151 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>The NE. cor. of main building of Heber Ranger Station bears S. $30^{\circ}38'$ W., 15.49 chs. dist., nine other buildings in the group.</p> <p>Enter Black Canyon wash, course NE.</p> <p>44.84 Leave wash.</p> <p>48.92 Barb wire fence, bears N. and S.</p> <p>49.54 Road, bears N. 3° W. to Heber and SW.</p> <p>50.33 Forest Service telephone line, bears N. and S.</p> <p>51.30 Leave bottom and asc. 48 ft. over SE. slope.</p> <p>52.75 Continue ascent 110 ft. over NE. slope.</p> <p>62.00 Continue ascent 25 ft. over SE. slope.</p> <p>66.00 Spur, slopes NE. Desc. 25 ft. over NW. slope.</p> <p>71.85 Truck road, bears N. and SW.</p> <p>74.00 Head of draw, course N. Asc. slightly along N. slope.</p> <p>79.04 Truck road, bears N. 80° W. and S. 80° E.</p> <p>80.04 The cor. of secs. 22, 23, 26 and 27.</p> <p>Land, rolling mountainous. Soil, sand and clay, loam, 1st. rate, and rocky, 3rd. rate. Timber, juniper, yellow pine and oak; undergrowth, scrub juniper and 2nd. growth pine.</p>
	<p>N. $0^{\circ}12'$ W., bet. secs. 22 and 23.</p> <p>Over rolling mountainous land, through dense juniper, some pine and oak.</p> <p>.91 Truck road, bears S. 80° E. and N. 80° W. Desc. 97 ft. over N. slope.</p> <p>14.80 Draw, course E. Asc. 75 ft. over S. slope.</p> <p>20.90 Spur, slopes E. Desc. 108 ft. over NW. slope.</p> <p>27.55 Draw, course NW. Asc. 35 ft. over SW. slope.</p> <p>29.40 Spur, slopes W. Desc. 40 ft. over NW. slope.</p> <p>31.45 Truck road, bears N. 45° E. 2 chs. thence E. and S. 45° W., 2 chs. thence W.</p> <p>31.63 Draw, course NE. 4 chs. thence E. Asc. 25 ft.</p> <p>36.85 Spur, slopes E. Desc. 40 ft. over NE. slope.</p> <p>39.80 Set an iron post, 3 ft. long, 1 in. diam., over cross on bed rock and supported in a mound of stone 5 ft. base to top of post, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd..</p>

BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains

W C
 $\frac{1}{4}$
 S 22 | S 23
 1936

from which

A yellow pine, 27 ins. diam., bears S.60 $\frac{3}{4}$ °E., 146 lks. dist., mkd. W C $\frac{1}{4}$ S 23 B T

A black pine, 8 ins. diam., bears N.48 $\frac{1}{4}$ °W., 42 lks. dist., mkd. W C $\frac{1}{4}$ S 22 B T

- 40.00 True point for $\frac{1}{4}$ sec. cor. falls on edge of limestone ledge, 6 ft. high, 20 ft. long, facing N.
Desc. 20 ft. over NE. slope.
- 40.87 Ravine, course SE. Asc. 40 ft. over SW. slope.
- 46.45 Spur, slopes W.
- 50.15 Head of draw, course W.
- 52.15 Spur, slopes W.
- 58.25 Same ravine as above, course SW. Asc. 47 ft. over SE. slope.
- 70.20 Spur, slopes SE.
- 72.30 Draw, course SE.
- 75.65 Barb wire fence, bears N.60°W. and S.60°E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T 12 N R 16 E
 S 15 | S 14
 S 22 | S 23
 1936

from which

A juniper, 5 ins. diam., bears N.35 $\frac{1}{4}$ °E., 55 lks. dist. mkd. T.12 N R 16 E S 14. B T

A juniper, 9 ins. diam., bears S.58 $\frac{1}{2}$ °E., 70 lks. dist. mkd. T 12 N R 16. E S 23. B T

A juniper, 8 ins. diam., bears S.43°W., 63 lks. dist. mkd. T 12 N R 16 E S 22 B T

A juniper, 5 ins. diam., bears N.23 $\frac{1}{4}$ °W., 30 lks. dist. mkd. T.12 N R 16 E S 15 B T

Land, rolling mountainous.
 Soil, clay loam, 1st. rate, and rocky, 3rd. rate.
 Timber, juniper, oak and yellow pine; undergrowth, scrub juniper and 2nd. growth. pine.

- 40.00 N.89°59'E., on a random line bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 A point 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.
Thence

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	S.89°58'W., on a true line bet. secs. 14 and 23. Over level field.
2.92	Intersect line 10-11 of HES. No. 199. From this point, cor. No. 10, hereinbefore described, bears S.57°24'W., 9.20 chs. dist. Barb wire fence follows HES. line.
3.90	Driveway, bears NE. and SW. Asc. SE. slope 130 ft. over rolling land, through dense juniper, some pine and oak.
16.40	Spur, slopes S. Desc. 93 ft. over SW. slope.
28.50	Draw, course SE. Asc. 76 ft. over E. slope.
32.30	Spur, slopes SE. Desc. 80 ft. over W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a cross marked on bed rock and supported in a mound of stone, 5 ft. base, 2½ ft. high for ¼ sec. cor. with brass cap mkd. <div style="text-align: center;"> <p>S 14 ¼ ----- S 23 1936</p> </div> <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears N.81¼°W., 132 lks. dist. mkd. ¼ S 14 B T</p> <p>A juniper, 10 ins. diam., bears S.82°E., 133 lks. dist. mkd. ¼ S 23 B T</p> <p>Cor. stands in draw, course S.</p>
42.30	Small spur, slopes SE.
45.90	Road, bears S.70°E. to Heber and N.70°W. to Young.
46.70	Wash, course SE. Asc. 100 ft. over E. slope.
49.85	Forest Service telephone line, bears N.22°W. and S.22°E., 30 lks., thence S.47½°E.
53.40	Asc. gradually over NE. slope.
59.00	Spur, slopes E. Desc. gradually.
70.20	Wash, course N.20°E. Asc. 60 ft. over NE. slope.
80.00	The cor. of secs. 14, 15, 22 and 23. Land, rolling and mountainous. Soil, clay loam, 1st. and 2nd. rate, and rocky, 3rd. rate. Timber, juniper, yellow pine and oak; undergrowth, scrub juniper and 2nd. growth pine.
	N.0°12'W., bet. secs. 14 and 15. Over rolling land, through dense juniper.
4.50	Head of draw, course E.
8.30	Spur, slopes E.
9.80	Head of draw, course E.

BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains	
16.30	Spur, slopes NE. Desc. 75 ft. over NW. slope.
23.50	Wash, course NE. Asc. 30 ft. over S. slope.
25.20	Spur, slopes SE.
28.20	Wash, course SE.
31.70	Spur, slopes W.
38.20	Head of draw, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 15 S 14 1936
	from which
	A juniper, 12 ins. diam., bears S. $39\frac{1}{4}^{\circ}$ E., 38 lks. dist., mkd. $\frac{1}{4}$ S 14 B T
	A juniper, 5 ins. diam., bears S. 73° W., 47 lks. dist. mkd. $\frac{1}{4}$ S 15 B T
	Asc. gradual SW. slope.
50.48	Forest Service telephone line, bears E. and W.
50.78	Graded road, bears E. to Heber and W. to Young.
54.80	Spur, slopes W. Over nearly level land.
63.68	Road, bears SE. and NW.
76.18	Road, bears SE. and NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, and in a mound of stone to top, for cor. of secs. 10, 11, 14 and 15, with brass cap marked
	T 12 N R 16 E S 10 S 11 S 15 S 14 1936
	from which
	A juniper, 12 ins. diam., bears N. $5\frac{3}{4}^{\circ}$ E., 93 lks. dist. mkd. T 12 N R 16 E S 11 B T
	A juniper, 24 ins. diam., bears S. $66\frac{1}{4}^{\circ}$ E., 125 lks. dist. mkd. T 12 N R 16 E S 14 B T
	A black pine, 8 ins. diam., bears S. $46\frac{1}{2}^{\circ}$ W., 138 lks. dist. mkd. T 12 N R 16 E S 15 B T
	A black pine, 8 ins. diam., bears N. $22\frac{1}{4}^{\circ}$ W., 61 lks. dist. mkd. T 12 N R 16 E S 10 B T
	Land, rolling. Soil, clay loam, 1st. and 2nd. rate, and rocky, 3rd. rate. Timber, juniper, yellow pine and oak. Undergrowth, scrub juniper and 2nd. growth pine.

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	N.89°58'E., on a random line bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	A point 9 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	N.89°58'W., on a true line bet. secs. 11 and 14.
	Over rolling land, through juniper, pine and oak.
1.28	Wash, 3 lks. wide, 4 ft. deep, course SE. Asc. 66 ft. over E. slope.
4.20	Spur, slopes NE.
5.50	Head of draw, course N. Asc. 80 ft. over NE. slope.
13.40	Spur, slopes NW.
15.40	Head of draw, course N.
18.50	Low ridge, bears SE. and NW. Desc. 50 ft. over W. slope.
22.45	Draw, course S.
26.40	Spur, slopes S.
29.50	Draw, course SE.
31.90	Spur, slopes SE.
33.20	Wash, course S. Asc. gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	S 11 $\frac{1}{4}$ ---- S 14 1936
	from which
	A juniper, 7 ins. diam., bears N.2°E., 78 lks. dist. mkd. $\frac{1}{4}$ S 11 B T
	A juniper, 12 ins. diam., bears S.31 $\frac{1}{2}$ °W., 28 lks. dist. mkd. $\frac{1}{4}$ S 14 B T
41.60	Draw, course S.
44.60	Over nearly level land.
77.30	Telephone line, bears SE. and NW.
80.00	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling. Soil, clay loam, 1st. and 2nd. rate, and rocky, 3rd. rate. Timber, juniper, yellow pine and oak; undergrowth, scrub juniper and 2nd. growth pine.
	N.0°12'W., on a random line bet. secs. 10 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.34	A point 48 lks. W. of the cor. of secs. 2, 3, 10 and 11.

Chains	<p>I return to the cor. of secs. 10, 11, 14 and 15, Thence N.0°07'E., on a true line bet. secs. 10 and 11. Over slightly rolling land, through dense juniper.</p> <p>2.50 Telephone line, bears SE. and NW.</p> <p>15.00 Draw, course E. Asc. gentle S. slope.</p> <p>22.00 Spur, slopes SW. Desc. gentle N. slope.</p> <p>26.60 Head of draw, course W.</p> <p>30.10 Spur, slopes W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, supported in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ S 10 S 11 1936</p> <p style="text-align: right;">from which</p> <p>A juniper, 12 ins. diam., bears S.72$\frac{3}{4}$°E., 55 lks. dist. mkd. $\frac{1}{4}$ S 11 B T</p> <p>A juniper, 8 ins. diam., bears N.89$\frac{3}{4}$°W., 61 lks. dist. mkd. $\frac{1}{4}$ S 10 B T</p> <p>Continue gradual descent.</p> <p>43.96 Intersect line 2-3 of HES. No. 547.</p> <p>From this point, cor. No. 2, HES. 547 bears N.51°52'E., 22.03 chs. dist.; a limestone 12x8x4 ins. above ground, mkd. 2 HES 547 from which</p> <p>A pinyon, 18 ins. diam., bears S.51$\frac{1}{2}$°E., 43 lks. dist. A pinyon, 8 ins. diam., bears S.21°07'W., 78 lks. dist. Both trees properly marked.</p> <p>53.00 Fence, bears E. and W. Enter plowed field.</p> <p>72.88 Leave plowed field, bears NE. and NW. Asc. 50 ft. over S. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bed rock, and in a mound of stone to top, for one mile cor. with brass cap marked</p> <p style="text-align: center;">T 12 N R 16 E 1 M S 10 S 11 1936</p> <p>81.13 Fence, bears NE. and SW.</p> <p>81.43 Intersect line 5-1 of HES. No. 547.</p> <p>From this point, cor. No. 1 of HES. 547, bears N.76°21'E. 17.46 chs. dist.; a limestone boulder 5x3x3 ft. above ground, mkd. and witnessed as described in the official record.</p> <p>From the same point, cor. No. 5 bears S.76°21'W., 26.27</p>
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Subdivision of T.12 N., R.16 E.

BOOK 415

Chains chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.

83.00 Spur, slopes E.

85.00 Draw, course SE.

87.34 The cor. of secs. 2, 3, 10 and 11, which is an iron post, 2 ins. diam., 24 ins. above ground, with brass cap mkd.

T 12	N R 16	E
S 3	S 2	
S 10	S 11	
1917		

from which

The original bearing trees:

A pinyon stump, 10 ins. diam., bears N.40 $\frac{3}{4}$ °E., 41 lks. dist., mkd. T 12 N R 16 E S 2 B T

A juniper, 9 ins. diam., bears S.86 $\frac{1}{2}$ °E., 25 lks. dist. mkd. T 12 N R 16 E S 11 B T

A pinyon, 8 ins. diam., bears S.30°W., 29 lks. dist. mkd. T 12 N R 16 E S 10 B T

A pinyon, 10 ins. diam., bears N.23 $\frac{1}{2}$ °W., 9 lks. dist. mkd. T 12 N R 16 E S 3 B T

Mark additional bearing tree:

A juniper, 12 ins. diam., bears N.11 $\frac{1}{4}$ °E., 62 lks. dist. mkd. T 12 N R 16 E S 2 B T

Raise a mound of stone around post to top.

Land, slightly rolling.

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

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

S.89°58'E. on a random line bet. secs. 2 and 11.

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

79.86 A point 5 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence

N.89°56'W., on a true line bet. secs. 2 and 11.

Over rolling land, through dense juniper, some pine and oak.

6.90 Wash, course NE. Asc. gentle E. slope.

21.30 Top of ascent. Desc. a gentle W. slope.

35.50 Draw, course N. Asc. E. slope.

39.93 Set an iron post, 3 ft. long, 1 in. diam., over a cross chiseled on surface rock, and supported in a mound of stone 4 ft. base to top of post, for $\frac{1}{4}$ sec. cor. with brass cap marked

S 2
$\frac{1}{4}$ ----
S 11
1936

from which

Chains A juniper, 12 ins. diam., bears N.24°W., 80 lks. dist.
mkd. $\frac{1}{4}$ S 2 B T

A juniper, 10 ins. diam., bears S.35 $\frac{1}{2}$ °W., 68 lks. dist.
mkd. $\frac{1}{4}$ S 11 B T

Continue gradual ascent.

45.25 Spur, slopes N. Desc. 80 ft. over W. slope.

53.55 Draw, course NW. Asc. 20 ft.

55.60 Short spur, slopes NW. Desc. 50 ft. over W. slope.

63.00 Enter open draw, drains N.

68.00 Leave draw and asc. 40 ft. over E. slope.

70.00 Top of steep ascent.

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

Land, rolling.

Soil, rocky, 2nd. and 3rd. rate.

Timber, juniper, oak and yellow pine.

Undergrowth, scrub juniper and 2nd. growth pine.

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp.,
described in the field notes of the N. bdy. of T.11 N., R.
16 E., surveyed under this group,

N.0°13'W., bet. secs. 33 and 34.

Over rolling land, through yellow pine 2nd. growth and oak
Desc. N. slope 37 ft.

4.00 Draw, course NE. Asc. 115 ft. over SE. slope.

4.28 Old fence, bears NE. and SW.

9.20 Spur, slopes N.80°E. Desc. 65 ft. over N. slope.

9.89 Intersect line 3-4 of HES. No. 454.

From this point, cor. No. 3, HES. 454 bears S.36°17'W.,
11.34 chs. dist.; a limestone 12x10x8 ins. above ground,
firmly set, marked and witnessed as described in the
official record.

13.00 Draw, course E. Asc. 130 ft. over S. slope.

19.00 Spur, slopes E. Desc. 113 ft. over N. slope.

23.70 Draw, 1 ch. wide, course S.80°E. Asc. 175 ft. over S.
slope.

34.30 Spur, slopes E. Desc. 105 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bed rock, and in a mound of stone to top, for
 $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S 33 | S 34

1936

from which

A spruce, 8 ins. diam., bears S.88 $\frac{1}{4}$ °E., 31 lks. dist.
mkd. $\frac{1}{4}$ S 34 B T

Subdivision of T.12 N., R.16 E.

DOK 4115

Chains	A black pine, 6 ins. diam., bears N.72 $\frac{1}{4}$ °W., 36 lks. dist., mkd. $\frac{1}{4}$ S. 33 B T								
	Continue descent 30 ft. over N. slope.								
41.25	Draw, course E. Asc. 128 ft. over S. slope.								
56.75	Spur, slopes E. Desc. 50 ft. over N. slope.								
64.70	Wash, course E. Asc. 40 ft. over S. slope.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap marked								
	<table border="1"> <tbody> <tr> <td>T 12 N R 16 E</td> <td></td> </tr> <tr> <td>S 28</td> <td>S 27</td> </tr> <tr> <td>S 33</td> <td>S 34</td> </tr> <tr> <td colspan="2" style="text-align: center;">1936</td> </tr> </tbody> </table>	T 12 N R 16 E		S 28	S 27	S 33	S 34	1936	
T 12 N R 16 E									
S 28	S 27								
S 33	S 34								
1936									
	from which								
	A juniper, 24 ins. diam., bears N.12 $\frac{1}{4}$ °E., 149 lks. dist., mkd. T 12 N R 16 E S 27 B T								
	A juniper, 36 ins. diam., bears S.73 $\frac{3}{4}$ °E., 131 lks. dist., mkd. T 12 N R 16 E S 34 B T								
	A black pine, 8 ins. diam., bears S.53 $\frac{3}{4}$ °W., 91 lks. dist., mkd. T 12 N R 16 E S 33 B T								
	A juniper, 10 ins. diam., bears N.81 $\frac{1}{4}$ °W., 136 lks. dist., mkd. T 12 N R 16 E S 28 B T								
	Land, rolling and broken. Soil, clay loam, 1st. and 2nd. rate, rocky, 3rd. rate. Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.								
	East, on a random line bet. secs. 27 and 34.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
79.84	Intersect the cor. of secs. 26, 27, 34 and 35.								
	Thence								
	West, on a true line bet. secs. 27 and 34.								
	Over rolling mountainous land, through heavy timber. Desc. SW. slope 90 ft.								
4.50	Draw, course N.80°W.								
5.50	Spur, slopes N.80°W. Desc. 50 ft. over W. slope.								
12.30	Draw, course N.70°W. Asc. 55 ft. over NE. slope.								
16.00	Barb wire fence, bears S.35 $\frac{1}{2}$ °E. and N.35 $\frac{1}{2}$ °W., 1.50 chs., thence N.								
19.40	Spur, slopes NW. Desc. 80 ft. over W. slope.								
25.40	Foot of descent. Enter Black Canyon.								
31.02	Road, bears N.20°W. to Heber and S.								
35.30	Enter Black Canyon wash, 6 ft. deep, course NE.								
36.70	Leave wash. Asc. 85 ft. over E. slope.								

Chains
39.92

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

S 27
 $\frac{1}{4}$ ----
 S 34
 1936

from which

A juniper, 8 ins. diam., bears N.73°W., 39 lks. dist.
 mkd. $\frac{1}{4}$ S 27 B T

A juniper, 6 ins. diam., bears S.13 $\frac{1}{4}$ °W., 50 lks. dist.
 mkd. $\frac{1}{4}$ S 34 B T

41.40 Spur, slopes SE. Desc. 22 ft. over SW. slope.

47.50 Head of draw, course SE. Asc. 25 ft.

49.70 Spur, slopes S.80°E. Desc. 30 ft. over SW. slope.

56.90 Wash, course S.80°E. Asc. 137 ft. over NE. slope.

79.84 The cor. of secs. 27, 28, 33 and 34.

Land, rolling mountainous.

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

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

N.0°13'W., bet. secs. 27 and 28.

Over rolling mountainous land, through heavy timber. Asc. gentle SE. slope.

1.70 Forest Service truck trail, bears NE. and SW.

2.20 Spur, slopes NE. Desc. 60 ft. over NW. slope.

10.60 Desc. 110 ft. over N. slope.

18.10 Truck road, bears E. and W.

18.80 Wash, course E. Asc. 145 ft. over S. slope.

26.20 Spur, slopes SE.

31.30 Head of draw, course NE.

34.70 Spur, slopes E. Desc. 46 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock supported in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S 28 | S 27
 1936

from which

A black pine, 8 ins. diam., bears S.74 $\frac{1}{2}$ °E., 17 lks. dist., mkd. $\frac{1}{4}$ S 27 B T

A black pine, 12 ins. diam., bears N.57°W., 76 lks. dist., mkd. $\frac{1}{4}$ S 28 B T

Desc. 34 ft. over N. slope.

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains
 44.00 Draw, course E. Asc. 60 ft. over S. slope.
 50.75 Spur, slopes E. Desc. 80 ft. over N. slope.
 60.10 Wash, 15 ft. deep, course E. Asc. 24 ft.
 62.30 Spur, slopes SE. Desc.
 64.30 Draw, course SE. Asc. 60 ft. over SE. slope.
 72.20 Spur, slopes SE.
 73.70 Draw, course SE. Asc. 77 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T 12	N R 16	E
S 21	S 22	
S 28	S 27	

1936

from which

A juniper, 24 ins. diam., bears N. $27\frac{1}{4}^{\circ}$ E., 115 lks. dist., mkd. T 12 N R 16 E S 22 B T

A juniper, 6 ins. diam., bears S. $55\frac{3}{4}^{\circ}$ E., 52 lks. dist. mkd. T 12 N R 16 E S 27 B T

A juniper, 4 ins. diam., bears S. $52\frac{3}{4}^{\circ}$ W., 34 lks. dist. mkd. T 12 N R 16 E S 28 B T

A juniper, 12 ins. diam., bears N. $33\frac{1}{4}^{\circ}$ W., 140 lks. dist., mkd. T 12 N R 16 E S 21 B T

Land, rolling and broken.
 Soil, clay loam, rocky, 2nd. and 3rd. rate.
 Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.

East, on a random line bet. secs. 22 and 27.

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

79.86 A point, 4 lks. S. of the cor. of secs. 22, 23, 26 and 27.
 Thence
 S. $89^{\circ}58'$ W., on a true line bet. secs. 22 and 27.
 Over rolling mountainous land, through heavy timber. Asc. gradually along top of ridge.

22.13 Truck road, bears N. and S. 70° W.

24.30 Leave ridge and desc. slight NW. slope.

27.85 Head of draw, course NE. Asc. 36 ft. over E. slope.

31.80 Spur, slopes NE. Desc. 40 ft. over W. slope.

37.60 Draw, course NE. Asc. 40 ft. over SE. slope.

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

S 22
 $\frac{1}{4}$ ----
 S 27
 1936

Chains	from which
	A juniper, 6 ins. diam., bears N.11 $\frac{1}{2}$ °W., 29 lks. dist. mkd. $\frac{1}{4}$ S 22 B T
	A juniper, 14 ins. diam., bears S.28 $\frac{3}{4}$ °E., 20 lks. dist. mkd. $\frac{1}{4}$ S 27 B T
	Continue ascent 43 ft. over SE. slope.
42.50	Along top of ridge.
58.56	Truck road, bears N.80°W. and S.80°E.
61.60	Same road, bears N.80°E. and S.80°W.
75.16	Same road, bears S.80°E. and N.80°W.
79.86	The cor. of secs. 21, 22, 27 and 28.
	Land, rolling mountainous. Soil, clay loam, 2nd. rate, and rocky, 3rd. rate. Timber, juniper, oak and yellow pine; undergrowth, scrub juniper and 2nd. growth pine.
	N.0°13'W., bet. secs. 21 and 22.
	Over rolling mountainous land, through dense juniper and some yellow pine.
.20	Truck road, bears S.80°E. and S.80°W.
2.90	Spur, slopes E. Desc. 60 ft. over N. slope.
16.04	Head of draw, course NW.
17.90	Spur, slopes NW. Desc. 110 ft. over NW. slope.
37.55	Truck road, bears NE. and SW., in draw, course NE. Asc. 50 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 21 S 22 1936
	from which
	A juniper, 12 ins. diam., bears S.22°E., 38 lks. dist. mkd. $\frac{1}{4}$ S 22 B T
	A juniper, 6 ins. diam., bears N.23 $\frac{3}{4}$ °W., 72 lks. dist. mkd. $\frac{1}{4}$ S 21 B T
	Continue ascent 35 ft. over SE. slope.
46.90	Spur, slopes SE. Desc. 100 ft. over NE. slope.
48.88	Truck trail, bears S.65°E. and S.65°W.
56.11	Truck road, bears W. and S.60°E., in ravine, course SE. Asc. 130 ft. over S. slope.
65.30	Spur, slopes SE. Desc. slightly along W. slope.
79.50	Head of draw, course NW.

Subdivision of T.12 N., R.16 E.

4115

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., over a cross chiseled on surface, and supported in a mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

T 12	N R	16	E
S 16		S 15	
S 21		S 22	
1936			

from which

A black pine, 12 ins. diam., bears N. $18\frac{3}{4}^{\circ}$ E., 67 lks. dist., mkd. T 12 N R 16 E S 15 B T

A yellow pine, 36 ins. diam., bears S. $66\frac{3}{4}^{\circ}$ E., 46 lks. dist., mkd. T 12 N R 16 E S 22 B T

A black pine, 12 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ W., 92 lks. dist., mkd. T 12 N R 16 E S 21 B T

A black pine, 8 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ W., 42 lks. dist., mkd. T 12 N R 16 E S 16 B T

Land, rolling mountainous.

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

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

N. $89^{\circ}58'$ E., on a random line bet. secs. 15 and 22.

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

79.98 A point 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence

S. $89^{\circ}59'$ W., on a true line bet. secs. 15 and 22.

Over rolling and broken land, through dense juniper and some yellow pine and oak. Asc. gradually over SE. slope.

6:70 Spur, slopes NE. Desc. slightly along N. slope.

19.60 Draw, course NE. Asc. 50 ft. over E. and NE. slopes.

35.78 Barb wire fence, bears S. 68° E. and N. 34° W.

38.20 Ridge, bears SE. and NW. Desc. a SW. slope.

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

S 15
$\frac{1}{4}$ ----
S 22
1936

from which

A juniper, 10 ins. diam., bears N. 20° W., 18 lks. dist. mkd. $\frac{1}{4}$ S 15 B T

A juniper, 12 ins. diam., bears S. $19\frac{3}{4}^{\circ}$ E., 83 lks. dist. mkd. $\frac{1}{4}$ S 22 B T

Continue descent 30 ft. over SW. slope.

41.90 Wash, 30 lks. wide, course S. 20° E. Asc. 75 ft. over SE, slope.

BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains

54.30 Spur, slopes SE. Desc. 50 ft. over SW. slope.
 62.40 Draw, course SE. Asc. 85 ft. over NE. slope.
 70.20 Spur, slopes S.20°E. Desc. slight W. slope.
 79.98 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling mountainous.
 Soil, clay loam, 2nd. rate, and rocky, 3rd. rate.
 Timber, juniper, yellow pine and oak; undergrowth, scrub
 juniper and 2nd. growth pine.

N, 0°13'W., bet. secs. 15 and 16.

Over gently rolling land, through heavy timber.

9.19 Barb wire fence, bears E. and W.
 12.84 Forest Service telephone line, bears E. and W.
 14.29 Road, bears E. to Heber and W. to Young.
 17.39 Truck road, bears SE. and NW.
 19.29 Same truck road, bears NE. and SW.
 27.92 Same truck road, bears SE. and NW.
 40.00 Same road, bears NE. and SW.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

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

S 16		S 15
------	--	------

1936

from which

A juniper, 36 ins. diam., bears N.38 $\frac{1}{2}$ °E., 68 lks.
 dist., mkd. $\frac{1}{4}$ S 15 B T

A juniper, 30 ins. diam., bears N.32 $\frac{1}{2}$ °W., 110 lks.
 dist., mkd. $\frac{1}{4}$ S 16 B T

Asc. gradually over nearly level land.

63.00 Top of ascent. Desc. gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in
 the ground to bed rock, and in a mound of stone to top,
 for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.

T 12	N	R 16	E
S 9		S 10	
S 16		S 15	

1936

from which

A juniper, 6 ins. diam., bears N.39 $\frac{3}{4}$ °E., 76 lks. dist.
 mkd. T 12 N R 16 E S 10 B T

A juniper, 8 ins. diam., bears S.25°E., 14 lks. dist.
 mkd. T 12 N R 16 E S 15 B T

A juniper, 14 ins. diam., bears S.67 $\frac{1}{4}$ °W., 47 lks. dist.
 mkd. T 12 N R 16 E S 16 B T

Subdivision of T.12 N., R.16 E.

D.C. 4118

Chains	A juniper, 14 ins. diam., bears N.59 $\frac{3}{4}$ °W., 65 lks. dist. mkd. T 12 N R 16 E S 9 B T
	Land, gently rolling. Soil, rocky, 3rd. rate. Timber, juniper, oak and pinyon; undergrowth, scrub juniper and 2nd. growth pine.
	N.89°59'E., on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect the cor. of secs. 10, 11, 14 and 15.
	Thence
	S.89°59'W., on a true line bet. secs. 10 and 15.
	Over rolling land, through dense juniper and scattering pine and oak.
3.20	Truck road, bears SE. and NW.
4.10	E. edge of circular water tank, about 7 ft. deep.
6.17	W. edge of tank. Asc. slightly.
10.36	Road, bears S.32°E. to Heber and N.32°W.
12.50	Flat spur, slopes NE. Desc. slightly.
20.40	Small draw, course NE. Asc. 37 ft. over E. slope.
31.00	Spur, slopes NE. Desc. 40 ft. over W. slope.
39.50	Draw, course N.10°E.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, and in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	S 10 $\frac{1}{4}$ ---- S 15 1936
	from which
	A juniper, 40 ins. diam., bears N.54°W., 15 lks. dist. mkd. $\frac{1}{4}$ S 10 B T
	A juniper, 28 ins. diam., bears S.21 $\frac{3}{4}$ °W., 110 lks. dist. mkd. $\frac{1}{4}$ S 15 B T
44.10	Truck road, bears NE. and SW.
49.20	Draw, 30 lks. wide, course NE. Asc: 45 ft. over SE. slope.
55.00	Asc. gradual, NE. slope.
79.94	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling. Soil, rocky, 3rd. rate. Timber, juniper, oak and pine. Undergrowth, scrub juniper and 2nd. growth pine.
	N.0°13'W., on a random line bet. secs. 9 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.12 N., R.16 E.

Chains

87.55

A point 29 lks. W. of the cor. of secs. 3, 4, 9 and 10.

I return to the cor. of secs. 9, 10, 15 and 16,

Thence

N.0°02'W., on a true line bet. secs. 9 and 10.

Desc. gradual NE. slope through dense juniper, and scattering oak and pinyon.

40.00

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

S 9 | S 10

1936

from which

A juniper, 24 ins. diam., bears N.38 $\frac{3}{4}$ °E., 104 lks. dist., mkd. $\frac{1}{4}$ S 10 B TA juniper, 36 ins. diam., bears N.74°W., 85 lks. dist. mkd. $\frac{1}{4}$ S 9 B T

Continue gradual descent.

70.20

Road, bears E. to Heber and W. to Nelson Tanks.

70.80

Telephone line, bears E. and W.

80.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of lots 4 and 5 of sec. 10, and lots 1 and 8 of sec. 9, with brass cap marked.

S 9 $\frac{1}{4}$ | S 10

8 | 5

1936

87.55

The cor. of secs. 3, 4, 9 and 10, which is an iron post, 2 ins. diam., 8 ins. above ground, marked and witnessed as described in the official record.

Land, slightly rolling.

Soil, rocky, 3rd. rate.

Timber, juniper, pinyon, yellow pine and oak.

Undergrowth, scrub juniper and 2nd. growth pine.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp. described in the field notes of the N. bdy. of T.11 N., R. 16 E., surveyed under this group,

N.0°13'W., bet. secs. 32 and 33.

Over slightly rolling land, through heavy timber, asc. SE. slope 22 ft.

2.40

Ridge, bears SE. and NW. Along top of same.

12.27

Forest road, bears E. and W. Desc. NE. slope.

17.00

Drain, course NE.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

Subdivision of T.12 N., R.16 E.

D. W. G. H.

Chains

ground, to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 32 \text{ | S } 33 \end{array}$$

1936

from which

A yellow pine, 14 ins. diam., bears N. $79\frac{1}{4}^{\circ}$ E., 168 lks. dist., mkd. $\frac{1}{4}$ S 33 B T

A juniper, 30 ins. diam., bears N. $65\frac{1}{2}^{\circ}$ W., 113 lks. dist., mkd. $\frac{1}{4}$ S 32 B T

44.00 Desc. 70 ft. over NW. slope.

51.10 Ravine, course NE. Asc. 33 ft. over SE. slope.

53.50 Top of ascent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, and in a mound of stone to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

$$\begin{array}{c} \text{T } 12 \text{ N } \text{R } 16 \text{ E} \\ \text{S } 29 \text{ | S } 28 \\ \hline \text{S } 32 \text{ | S } 33 \\ 1936 \end{array}$$

from which

A juniper, 18 ins. diam., bears N. $58\frac{3}{4}^{\circ}$ E., 161 lks. dist., mkd. T 12 N R 16 E S 28 B T

A juniper, 16 ins. diam., bears S. $27\frac{3}{4}^{\circ}$ E., 50 lks. dist., mkd. T 12 N R 16 E S 33 B T

A pine, 12 ins. diam., bears S. 61° W., 117 lks. dist. mkd. T 12 N R 16 E S 32 B T

A juniper, 24 ins. diam., bears N. $48\frac{1}{2}^{\circ}$ W., 202 lks. dist., mkd. T 12 N R 16 E S 29 B T

Land, slightly rolling.

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

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

East, on a random line bet. secs. 28 and 33.

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

80.12 A point 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence

N. $89^{\circ}59'$ W., on a true line bet. secs. 28 and 33.

Over rolling land, through heavy timber.

1.34 Forest Service truck trail, bears NE. and SW.

3.00 Desc. 96 ft. over NW. slope.

16.10 Ravine, course NE. from W. Follow up same.

16.60 Forest Service road, bears NE. and SW.

27.10 Leave ravine, course E. from SW. Asc. 50 ft. over SE. slope.

Chains	
32.25	Top of ascent. Along S. slope.
34.20	Drain, course SE. Asc. 70 ft. over SE. slope.
37.60	Spur, slopes SE. Desc. along S. slope.
40.06	Set an iron post, 3 ft. long, 1 in. diam., over a cross chiseled on bed rock, and supported in a mound of stone 5 ft. base, to top of post, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 28 ----- S 33 1936
	from which
	A juniper, 20 ins. diam., bears N.1°E., 37 lks. dist. mkd. $\frac{1}{4}$ S 28 B T
	A juniper, 12 ins. diam., bears S.16 $\frac{3}{4}$ °W., 45 lks. dist. mkd. $\frac{1}{4}$ S 33 B T
	Desc. 50 ft. over SW. slope.
43.55	Gulch, course SE. Asc. 65 ft. over SE. slope.
49.00	Top of ascent.
51.30	Gulch, course SE. Asc. 50 ft. over SE. slope.
60.00	Top of ascent. Over level land.
80.12	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling. Soil, clay loam, 1st. rate, and rocky, 4th. rate. Timber, yellow pine, juniper and oak; undergrowth, scrub juniper, pinyon and 2nd. growth pine.
	N.0°13'W., bet. secs. 28 and 29.
	Over rolling land, through heavy timber. Desc. gentle NE. slope.
7.30	Truck trail, bears S.40°W. and NE.
15.00	Desc. 115 ft. over N. slope.
36.90	Wash, 50 lks. wide, course E. Asc. 68 ft. over S. 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 marked
	$\frac{1}{4}$ S 29 S 28 1936
	from which
	A juniper, 24 ins. diam., bears N.43 $\frac{3}{4}$ °E., 45 lks. dist. mkd. $\frac{1}{4}$ S 28 B T
	A juniper, 20 ins. diam., bears N.66 $\frac{3}{4}$ °W., 79 lks. dist. mkd. $\frac{1}{4}$ S 29 B T
	Asc. 30 ft. over S. slope to
44.00	Continue ascent 22 ft. over SE. slope.

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains
 51.65 Spur, slopes SW.
 53.85 Truck road, bears NE. and SW. Desc. gentle N. slope.
 61.60 Desc. 60 ft. over NW. slope.
 74.70 Draw, 50 lks. wide, course NE. Asc. slightly over SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock; and in a mound of stone to top, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T 12	N R 16	E
S 20		S 21
S 29		S 28
1936		

from which

A juniper, 32 ins. diam., bears N. $29\frac{1}{4}^{\circ}$ E., 117 lks. dist., mkd. T 12 N R 16 E S 21 B T

A black pine, 8 ins. diam., bears S. $42\frac{1}{4}^{\circ}$ E., 135 lks. dist., mkd. T 12 N R 16 E S 28 B T

A black pine, 10 ins. diam., bears S. $70\frac{3}{4}^{\circ}$ W., 109 lks. dist., mkd. T 12 N R 16 E S 29 B T

A black pine, 10 ins. diam., bears N. 81° W., 113 lks. dist., mkd. T 12 N R 16 E S 20 B T

Land, rolling mountainous.

Soil, rocky, 3rd. rate.

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

S. $89^{\circ}59'$ E., on a random line bet. secs. 21 and 28.

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

80.08 A point 9 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence

N. $89^{\circ}55'$ W., on a true line bet. secs. 21 and 28.

Over rolling land, through heavy timber.

27 Truck road, bears N. 80° E. and S. 80° W.

12.70 Flat spur, slopes NE. Desc. gentle W. slope.

26.25 Draw, 50 lks. wide, course N. Asc. 30 ft.

31.25 Spur, slopes N. Desc. slightly.

38.60 Draw, course NE. Asc. 17 ft. over SE. slope.

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

S 21
$\frac{1}{4}$ ----
S 28
1936

from which

A pinyon, 4 ins. diam., bears N. $3\frac{3}{4}^{\circ}$ W., 63 lks. dist.

- Chains mkd. $\frac{1}{4}$ S 21 B T
- A pinyon, 6 ins. diam., bears S. $35\frac{3}{4}^{\circ}$ W., 30 lks. dist.
mkd. $\frac{1}{4}$ S 28 B T
- Asc. gentle SE. slope.
- 49.70 Spur, slopes SW. Desc. gentle NW. slope.
- 68.90 Drain, 20, lks. wide, course NE. Asc. 22 ft. over SE. slope.
- 72.70 Spur, slopes NE. Desc. 22 ft. over NW. slope.
- 73.80 Drain, 40 lks. wide, course NE. Asc. 22 ft. over E. slope.
- 80.08 The cor. of secs. 20, 21, 28 and 29.

Land, rolling.
Soil, rocky, 3rd. rate.
Timber, yellow pine, juniper, oak and pinyon.
Undergrowth, scrub juniper and 2nd. growth pine.

N. $0^{\circ}13'$ W., bet. secs. 20 and 21.

Over rolling land, through heavy timber. Desc. gradual NE. slope.

- 15.00 Head of draw, course SE.
- 20.00 Low spur, slopes SE.
- 25.50 Head of draw, course E.
- 34.19 Forest Service telephone line, bears N. 35° E. and S. 35° W.
- 36.14 Road, bears N. 35° E. to Heber and S. 35° W. to Young.
- 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 marked.

$\frac{1}{4}$
S 20 | S 21

1936

from which

A black pine, 12 ins. diam., bears N. $26\frac{3}{4}^{\circ}$ E., 73 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

A yellow pine, 12 ins. diam., bears N. 78° W., 84 lks. dist., mkd. $\frac{1}{4}$ S 20 B T

Desc. gentle N. slope.

- 45.00 Draw, course NE. Asc. gentle SE. slope.
- 66.50 Top of ascent. Desc. gradual N. slope.
- 76.39 Barb wire fence, bears N. 85° E. and S. 85° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, supported in a mound of stone, for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T 12 N R 16 E
S 17 | S 16
S 20 | S 21
1936

from which

Subdivision of T.12 N., R.16 E.

BOOK 4118

Chains	<p>A black pine, 8 ins. diam., bears N.71$\frac{1}{4}$°E., 57 lks. dist., mkd. T 12 N R 16 E S 16 B T</p> <p>A black pine, 8 ins. diam., bears S.63°E., 72 lks. dist. mkd. T 12 N R 16 E S 21 B T</p> <p>A black pine, 6 ins. diam., bears S.77$\frac{1}{2}$°W., 79 lks. dist., mkd. T 12 N R 16 E S 20 B T</p> <p>A black pine, 16 ins. diam., bears N.66$\frac{1}{2}$°W., 84 lks. dist., mkd. T 12 N R 16 E S 17 B T</p> <p>Land, rolling. Soil, red clay, rocky, 3rd. rate. Timber, yellow pine, juniper, oak and pinyon. Undergrowth, 2nd. growth pine.</p>
	<p>S.89°55'E., on a random line bet. secs. 16 and 21.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	A point 16 lks. S. of the cor. of secs. 15, 16, 21 and 22. Thence
	S.89°58'W., on a true line bet. 16 and 21.
	Over rolling land, through heavy timber. Desc. W. slope 34 ft. to
2.73	Wash, course S.10°W. Asc. 40 ft. over E. slope.
7.40	Spur, slopes S.
10.90	Head of wash, course S.15°E.
31.26	Forest Service telephone line, bears N.30°E. and S.30°W.
32.66	Road, bears N.30°E. to Heber and S.30°W. to Young.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	<p>S 16 $\frac{1}{4}$ ---- S 21 1936</p>
	from which
	<p>A black pine, 12 ins. diam., bears N.39$\frac{3}{4}$°E., 84 lks. dist., mkd. $\frac{1}{4}$ S 16 B T</p> <p>A juniper, 36 ins. diam., bears S.19$\frac{1}{2}$°W., 174 lks. dist., mkd. $\frac{1}{4}$ S 21 B T</p>
46.70	Draw, 50 lks. wide, course NE.
46.96	Barb wire fence, bears N.80°E. and S.80°W.
56.02	Barb wire fence, bears N.3°E. and S.3°W.
80.06	The cor. of secs. 16, 17, 20 and 21. Land, rolling. Soil, rocky, 3rd. rate. Timber, yellow pine, oak and juniper. Undergrowth, 2nd. growth pine.

Chains N.0°13'W., bet. secs. 16 and 17.

Over rolling land, through heavy timber. Desc. gentle NW. slope.

10.00 Draw, 70 lks. wide, course NE. Asc, gentle SE. slope.

30.00 Top of ascent. Desc. gentle NW. slope.

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

$\frac{1}{4}$
S 17 | S 16
1936

from which

A juniper, 10 ins. diam., bears S.78 $\frac{1}{2}$ °E., 54 lks. dist. mkd. $\frac{1}{4}$ S 16 B T

A juniper, 28 ins. diam., bears N.45 $\frac{3}{4}$ °W., 114 lks. dist., mkd. $\frac{1}{4}$ S 17 B T

Desc. 55 ft. over NW. slope.

49.20 Draw, course N.80°W. Asc. 35 ft. over SW. slope.

54.40 Spur, slopes NW. Desc. 84 ft. over NW. slope.

75.15 Wash, 50 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

T 12 N R 16 E S
S 8 | S 9
S 17 | S 16
1936

from which

A yellow pine, 14 ins. diam., bears N.12 $\frac{3}{4}$ °E., 87 lks. dist., mkd. T 12 N R 16 E S 9 B T

A black pine, 18 ins. diam., bears S.54°E., 304 lks. dist., mkd. T 12 N R 16 E S 16 B T

A black pine, 7 ins. diam., bears S.33 $\frac{1}{2}$ °W., 45 lks. dist., mkd. T 12 N R 16 E S 17 B T

A black pine, 16 ins. diam., bears N.39°W., 49 lks. dist., mkd. T 12 N R 16 E S 8 B T

Land, rolling.
Soil, red clay, 1st. and 2nd. rate, and rocky, 3rd. rate.
Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.

N.89°58'E., on a random line bet. secs. 9 and 16.

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

80.02 A point 7 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	N.89°59'W., on a true line bet. secs. 9 and 16. Over gently rolling land, through heavy timber. Asc. gradual E. slope.
8.50	Top of ascent. Desc. gradual W. slope.
22.05	Old road, bears N. and S. Desc. gradual SW. slope.
36.50	Draw, 30 lks. wide, course NW. Asc.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 9 ----- S 16 1936
	from which
	A black pine, 12 ins. diam., bears N.4°E., 170 lks. dist., mkd. $\frac{1}{4}$ S 9 B T
	A black pine, 6 ins. diam., bears S.1 $\frac{3}{4}$ °E., 119 lks. dist., mkd. $\frac{1}{4}$ S 16 B T
	Desc. gentle NW. slope.
42.70	Draw, 10 lks. wide, course NE. Asc. gradual E. slope.
52.79	Barb wire fence, bears N. and S.
61.70	Top of ascent, bears N.20°E. and SW. Desc. 100 ft. over W. slope.
76.00	Wash, 50 lks. wide, course N. Asc. 18 ft. over SE. slope.
80.02	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, clay, rocky, 2nd. and 3rd. rate. Timber, yellow pine, juniper and oak; Undergrowth, scrub juniper and 2nd. growth pine.
	N.0°13'W., on a random line bet. secs. 8 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.56	Intersect the cor. of secs. 4, 5, 8 and 9. I return to the cor. of secs. 8, 9, 16 and 17, Thence
	N.0°13'W., on a true line bet. secs. 8 and 9. Over rolling land, through heavy timber. Asc. SE. slope.
10.30	Spur, slopes E. Along general E. slope.
24.20	Head of draw, course E.
32.40	Spur, slopes NE. Desc. 34 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

Chains	$\frac{1}{4}$ s 8 s 9 1936 from which A black pine, 8 ins. diam., bears N. $79\frac{1}{4}^{\circ}$ E., 120 lks. dist., mkd. $\frac{1}{4}$ S 9 B T A black pine, 8 ins. diam., bears N. $67\frac{1}{4}^{\circ}$ W., 250 lks. dist., mkd. $\frac{1}{4}$ S 8 B T Asc. 32 ft. over SE. slope. 51.70 Spur, slopes NE. Desc. 53 ft. over N. slope. 57.35 Forest Service telephone line, bears E. and W. 59.53 Road, bears E. to Nelson Tank and W. 60.00 Draw, 1 ch. wide, course E. Asc. 47 ft. over S. slope. 68.60 Asc. gentle SE. slope. 80.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for cor. of lots 4 and 5 of sec. 9, and lots 1 and 8 of sec. 8, with brass cap marked s 8 $\frac{1}{8}$ 4 s 9. 8 5 1936 85.00 Top of ascent. 87.56 The cor. of secs. 4, 5, 8 and 9, which is an iron post, 2 ins. diam., 30 ins. above ground, with brass cap mkd. T 12 N R 16 E S 5 S 4 s. 8 s 9 1917 from which The original bearing trees: A yellow pine, 36 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ E., 49 lks. dist., mkd. T 12 N R 16 E S 4 B T A yellow pine, 38 ins. diam., bears S. $6\frac{1}{4}^{\circ}$ E., 286 lks. dist., mkd. T 12 N R 16 E S 9 B T A yellow pine, 30 ins. diam., bears S. $50\frac{1}{4}^{\circ}$ W., 292 lks. dist., mkd. T 12 N R 16 E S 8 B T A yellow pine, 30 ins. diam., bears N. $61\frac{1}{4}^{\circ}$ W., 140 lks. dist., mkd. T 12 N R 16 E S 5 B T I raise a mound of stone around post to top. Land, rolling. Soil, clay, 1st. and 2nd. rate, rocky, 3rd. rate. Timber, yellow pine, juniper and oak; undergrowth, scrub oak and 2nd. growth pine. S. $89^{\circ}59'$ E., on a random line bet. secs. 4 and 9. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.20 A point 9 lks. S. of the cor. of secs. 3, 4, 9 and 10.
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Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	Thence
	S.89°57'W., on a true line bet. secs. 4 and 9.
	Over rolling land, through heavy timber. Desc. gradually.
6.43	Truck road, bears S.10°E. and N.10°W.
28.00	Desc. 65 ft. over W. slope.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, and in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 4 $\frac{1}{4}$ S 9 1936
	from which
	A black pine, 16 ins. diam., bears N.48 $\frac{1}{2}$ °E., 98 lks. dist., mkd. $\frac{1}{4}$ S 4 B T
	A black pine, 16 ins. diam., bears S.62°E., 99 lks. dist., mkd. $\frac{1}{4}$ S 9 B T
	Continue descent 17 ft.
42.56	Wash, 15 lks. wide, course N.10°W.
45.06	Wash, 10 lks. wide, course NE.
48.16	Road, bears SE. to Heber and NW. to Nelson Tank.
51.47	Same road, bears NE. to Heber and SW. to Nelson Tank.
52.20	Draw, 3 chs. wide, course NE. Asc. 60 ft. over SE. slope.
54.17	Barb wire fence, bears N.33°E. and S.33°W. about 15 chs. to Nelson Tank.
75.00	Top of ascent. Desc. slight NW. slope.
80.20	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling. Soil, clay loam, 1st. and 2nd. rate, rocky, 3rd. rate. Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.
	From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., described in the field notes of the N. bdy. of T.11 N., R. 16 E., surveyed under this group,
	N.0°14'W., bet. secs. 31 and 32.
	Over rolling land, through pine, juniper and oak.
40.00	Point for $\frac{1}{4}$ sec. cor. falls in center of graded road, which bears S.1°35'E. to Young and N.1°35'W. to Heber.
	Set a stone 8x8x6 ins. marked cross (X) 12 ins. below surface of ground, for $\frac{1}{4}$ Sec. Cor., from which
	A yellow pine, 12 ins. diam., bears S.69°W., 49 lks. dist., mkd. $\frac{1}{4}$ S 31 B T
	A yellow pine, 16 ins. diam., bears S.80 $\frac{1}{2}$ °W., 43 lks. dist., mkd. $\frac{1}{4}$ S 31 B T

BOOK 4110

Subdivision of T.12 N., R.16 E.

- Chains 30 lks. W. of true point,
 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.
- $\frac{1}{4}$
 S 31 | S 32
 WC
 1936
- Continue along road, descending gradually.
- 49.50 Leave road, bears N.10°E. and S.1°35'W. Desc. gradually.
- 73.95 Road, bears N.70°E. and S.70°W.
- 77.14 Head of side hill draw, course W.
- 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 marked
- T 12 N R 16 E
 S 30 | S 29
 S 31 | S 32
 1936
- from which
- A yellow pine, 24 ins. diam., bears N.50°E., 24 lks. dist., mkd. T 12 N R 16 E S 29 B T
- A yellow pine, 26 ins. diam., bears S.58 $\frac{1}{2}$ °E., 21 lks. dist., mkd. T 12 N R 16 E S 32 B T
- A yellow pine, 24 ins. diam., bears S.25 $\frac{1}{4}$ °W., 109 lks. dist., mkd. T 12 N R 16 E S 31 B T
- A yellow pine, 14 ins. diam., bears N.44°W., 96 lks. dist., mkd. T 12 N R 16 E S 30 B T
- Land, slightly rolling.
 Soil, gravelly and rocky, 2nd. and 3rd. rate.
 Timber, yellow pine, juniper and oak; undergrowth, scrub juniper and 2nd. growth pine.
-
- East, on a random line bet. secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 A point 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.
 Thence
 N.89°58'W., on a true line bet. secs. 29 and 32.
 Over rolling land, through heavy timber.
- 2.40 Road, bears N.20°E. and S.10°W. Desc. 100 ft. over NW. slope.
- 15.90 Ravine, course N.5°W. Asc. 116 ft. over NE. slope.
- 39.50 Flat spur, slopes N.20°E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked

Subdivision of T. 12 N., R. 16 E.

	<p style="text-align: center;">S 29 $\frac{1}{4}$----- S 32 1936</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 20 ins. diam., bears N.4°W., 61 lks. dist., mkd. $\frac{1}{4}$ S 29 B T</p> <p>An oak, 10 ins. diam., bears S.73°E., 124 lks. dist. mkd. $\frac{1}{4}$ S 32 B T</p> <p>A juniper, 28 ins. diam., bears S.10$\frac{1}{4}$°W., 226 lks. dist., mkd. $\frac{1}{4}$ S 32 B T</p> <p>Desc. 60 ft. over W. slope.</p>
44.60	Draw, course N.15°E. Asc. 60 ft.
50.00	Top of ascent.
64.35	Ravine, course N.5°W., 3 chs. thence N.30°E.
70.92	Graded road, bears N.20°E. to Heber and S.16 $\frac{3}{4}$ °W. to Young. Telephone line along road.
73.50	Road, bears S.20°W. to Walnut Ranch and N.20°E.
80.00	The cor. of secs. 29, 30, 31, and 32.
	<p>Land, rolling. Soil, sandy and gravelly, 2nd. and 3rd. rate, rocky; 4th. rate. Timber, yellow pine, oak and juniper; undergrowth, scrub juniper and 2nd. growth pine.</p>
	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.12	A point 6 lks. N. of the cor. of secs. 30 and 31, on W. bdy. of Tp., hereinbefore described.
	Thence
	N.89°57'E., on a true line bet. secs. 30 and 31.
	Over rolling land, through pine, oak and juniper.
4.70	Desc. 160 ft. over E. slope.
15.40	Road, bears N.15°E. and S.15°W. House bears N.25 $\frac{1}{2}$ °E.
16.79	Intersect line 2-3 of HES. No. 461.
	<p>From this point, cor. No. 2 bears S.3°25'W., 9.85 chs. dist., a limestone 26x10x8 ins. mkd. and witnessed as described in the official record.</p> <p>From the same point, cor. No. 3, bears N.3°25'E., 7.10 chs. dist.; a limestone 28x8x4 ins. mkd. and witnessed as described in the official record.</p>
18.79	Wash, 150 lks. wide, 15 ft. deep, course N.15°E.
20.39	Same house, bears N.15°E.
21.24	Fence, bears irregularly N. and S. Leave valley and asc. 190 ft. over W. slope.

Subdivision of T. 12 N., R. 16 E.

Chains
22.72

Intersect line 9-10 of HES. No. 461.

From this point, cor. No. 10 bears S.5°22'W., 10.35 chs. dist.; a sandstone 26x12x4 ins., marked and witnessed as described in the official record.

38.12

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

S 30

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

S 31

1936

from which

A juniper, 26 ins. diam., bears N.57°E., 73 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

A juniper, 16 ins. diam., bears S.24 $\frac{1}{2}$ °E., 79 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.

39.00

Spur, slopes N.30°W. Desc. 58 ft. over NE. slope.

43.50

Ravine, course N.15°E. Asc. 17 ft. over NW. slope.

46.50

Spur, slopes N. Desc. 37 ft. over NE. slope.

48.95

Ravine, course N.15°W. Asc. 103 ft. over NW. slope.

57.30

Spur, slopes NW. Desc. 32 ft. along general N. slope.

61.61

Road, bears N.20°W. and S.30°E.

71.25

Desc. 63 ft. over E. slope.

74.20

Ravine, course N.15°W. Asc. 60 ft. over W. slope.

78.12

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

Land, rolling.

Soil, sand and gravel loam, 2nd. and 3rd. rate, rocky, 4th. rate.

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

N.0°14'W., bet. secs. 29 and 30.

Over rolling land, through heavy timber.

2.20

Low spur, slopes W.

3.67

Draw, course S.70°W.

12.50

Desc. over gentle 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. $\frac{1}{4}$

S 30 | S 29

1936

from which

A yellow pine, 20 ins. diam., bears N.52°E., 8 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains . . . A yellow pine, 26 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ W., 87 lks. dist., mkd. $\frac{1}{4}$ S 30 B T

Desc. 168 ft. over NE. slope.

71.80 Ravine, course N. 45° W., about 4 chs. to junction with ravine from SW. Asc. 18 ft. over SW. slope.

74.65 Tip of spur, slopes W. Desc. 38 ft. over NW. slope.

78.50 Enter open draw, 3 chs. wide, course N. 10° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T 12	N R 16	E
S 19		S 20
S 30		S 29
1936		

from which

A yellow pine, 26 ins. diam., bears N. $87\frac{3}{4}^{\circ}$ E., 138 lks. dist., mkd. T 12 N R 16 E S 20 B T

A yellow pine, 26 ins. diam., bears S. $67\frac{3}{4}^{\circ}$ E., 104 lks. dist., mkd. T 12 N R 16 E S 29 B T

A yellow pine, 12 ins. diam., bears S. $34\frac{3}{4}^{\circ}$ W., 162 lks. dist., mkd. T 12 N R 16 E S 30 B T

A yellow pine, 12 ins. diam., bears N. $64\frac{3}{4}^{\circ}$ W., 219 lks. dist., mkd. T 12 N R 16 E S 19 B T

Land, rolling.

Soil, sand and gravel, 2nd. and 3rd. rate, rocky, 4th. rate. Timber, yellow pine with some juniper and oak.

S. $89^{\circ}58'$ E., on a random line bet. secs. 20 and 29.

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

80.00 A point 19 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N. $89^{\circ}50'$ W., on a true line bet. secs. 20 and 29.

Over rolling land, through heavy timber. Asc. gentle SE. slope.

19.90 Forest Service telephone line, bears N. 35° E. and S. 35° W.

20.00 Top of ascent.

21.50 Road, bears N. 35° E. to Heber and S. 35° W. to Young. Desc. gentle NW. slope.

35.30 Draw, 50 lks. wide, course N.

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

S 20
$\frac{1}{4}$ ----
S 29
1936

from which

Subdivision of T.12 N., R.16 E.

Chains	A yellow pine, 18 ins. diam., bears N. $21\frac{1}{4}^{\circ}$ E., 42 lks. dist., mkd. $\frac{1}{4}$ S 20 B T
	A yellow pine, 36 ins. diam., bears S. $68\frac{3}{4}^{\circ}$ E., 88 lks. dist., mkd. $\frac{1}{4}$ S 29 B T
	Asc. slightly.
42.50	Top of ascent. Desc. gentle NW. slope.
54.50	Desc. 50 ft. over W. slope.
57.20	Wash, 40 lks. wide, course N. 10° E. Asc. 70 ft. over E. slope.
69.70	Spur, slopes N. Desc. 100 ft. over W. slope.
80.00	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling. Soil, sandy loam, 1st. and 2nd. rate; and rocky, 4th. rate. Timber, yellow pine and some oak, juniper and pinyon.
	S. $89^{\circ}57'$ W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.79	A point 5 lks. N. of the cor. of secs. 19 and 30, on W. bdy. of Tp., hereinbefore described.
	Thence
	N. $89^{\circ}55'$ E., on a true line bet. secs. 19 and 30.
	Over rolling land, through heavy timber.
2.65	Draw, 20 lks. wide, course NE. Asc. gentle NW. slope.
17.25	Top of ascent. Desc. gentle E. slope.
37.79	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 19 ----- S 30 1936
	from which
	A juniper, 30 ins. diam., bears N. $24\frac{3}{4}^{\circ}$ E., 132 lks. dist. mkd. $\frac{1}{4}$ S 19 B T
	A juniper, 14 ins. diam., bears S. $32\frac{1}{2}^{\circ}$ E., 100 lks. dist. mkd. $\frac{1}{4}$ S 30 B T
	Continue descent over gentle E. slope.
41.40	Desc. 100 ft. over SE. slope.
58.79	Barb. wire fence, bears NE. and SW.
67.40	Wash, 12 ft. deep, 30 ft. wide, course NE. Asc. 77 ft. over NW. slope.
71.50	Spur, slopes NE. Desc. 63 ft. over E. slope.
77.70	Draw, 1 chs. wide, course N. 10° E.

Subdivision of T.12 N., R.16 E.

BOOK 4118

Chains. 77.79	The cor. of secs. 19, 20, 29 and 30. Land, rolling. Soil, sandy loam, 1st. and 2nd. rate; and rocky, 3rd. rate. Timber, yellow pine and some oak, juniper and pinyon. Undergrowth, 2nd. growth pine.
	N.0°14'W., bet. secs. 19 and 20. Desc. gradually over open draw.
.60	Bottom of draw, 3 chs. wide, course N.10°E. Continue slight descent, along draw.
15.60	Same draw, course N.70°W.
17.00	Low spur, slopes N.70°W.
20.20	Wash, 45 lks. wide, 15 ft. deep, course N.30°E. Asc. gradually along general E. slope.
21.70	Barb wire fence, bears N.30°E. and S.30°W.
26.40	Open draw, 150 lks. wide, course E.
34.00	Spur, slopes S.75°E. Desc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 19 S 20 1936 from which
	A yellow pine, 18 ins. diam., bears S.67 $\frac{1}{2}$ °E., 84 lks. dist., mkd. $\frac{1}{4}$ S 20 B T
	A yellow pine, 20 ins. diam., bears S.72°W., 54 lks. dist., mkd. $\frac{1}{4}$ S 19 B T
40.78	Short side draw, course E.
44.00	Spur, slopes E.
50.00	Spur, slopes N.55°E. Desc. 66 ft. over NW. slope.
60.90	Draw, course E. Asc. 85 ft. over SW. slope.
70.80	Top of ascent. Desc. slight NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and in a mound of stone to top for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.
	T 12 N R 16 E S 18 S 17 S 19 S 20 1936 from which
	A yellow pine, 26 ins. diam., bears N.86 $\frac{1}{2}$ °E., 46 lks. dist., mkd. T 12 N R 16 E S 17 B T
	A yellow pine, 26 ins. diam., bears S.6°E., 66 lks. dist., mkd. T 12 N R 16 E S 20 B T

BOOK 4115

Subdivision of T.12 N., R.16 E.

<p>Chains</p>	<p>A yellow pine, 20 ins. diam., bears S.23$\frac{3}{4}$°W., 60 lks. dist., mkd. T 12 N R 16, E S. 19 B T</p> <p>A yellow pine, 22 ins. diam., bears N.54°W., 59 lks. dist., mkd. T 12 N R 16 E S. 18 B T</p> <p>Land, rolling and broken. Soil, sand and gravel loam, 1st. and 2nd. rate, rocky, 4th. rate. Timber, yellow pine, with some juniper and oak. Undergrowth, scrub juniper, 2nd. growth pine and bunch grass.</p>
<p>40.00</p> <p>79.94</p> <p>5.00</p> <p>35.00</p> <p>39.97</p> <p>48.75</p> <p>64.10</p> <p>79.94</p>	<p>S.89°50'E., on a random line bet. secs. 17 and 20.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>A point 9 lks. S. of the cor. of secs. 16, 17, 20 and 21.</p> <p>Thence</p> <p>N.89°54'W., on a true line bet. secs. 17 and 20.</p> <p>Over rolling land, through heavy timber. Desc. NW. slope 23 ft.</p> <p>Draw, 1 ch. wide, course NE. Asc. slightly over gentle SE. slope.</p> <p>Top of ascent. Desc. 47 ft. over NW. slope to</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked</p> <p style="text-align: center;">S 17 $\frac{1}{4}$----- S 20 1936</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 30 ins. diam., bears N.1$\frac{3}{4}$°E., 14 lks. dist., mkd. $\frac{1}{4}$ S 17 B T</p> <p>A yellow pine, 24 ins. diam., bears S.56$\frac{1}{2}$°E., 87 lks. dist., mkd. $\frac{1}{4}$ S 20 B T</p> <p>Desc. 52 ft. over NW. slope.</p> <p>Wash, 20 lks. wide, 10 ft. deep, course NE. Asc. 100 ft. over SE. slope.</p> <p>Top of ascent. Desc. gentle NW. slope.</p> <p>The cor. of secs. 17, 18., 19 and 20.</p> <p>Land, rolling. Soil, sand and clay loam, 1st. and 2nd. rate; and rocky, 3rd. rate. Timber, yellow pine and some juniper and oak. Undergrowth, 2nd. growth pine.</p>
<p>40.00</p> <p>77.38</p>	<p>S.89°55'W., on a random line bet. secs. 18 and 19.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>A point 14 lks. N. of the cor. of secs. 18 and 19, on W. bdy. of Tp., hereinbefore described.</p>

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	Thence
	N.89°49'E., on a true line bet. secs. 18 and 19.
	Over rolling land, through heavy timber. Asc. W. slope, 80 ft. to
8.60	Top of ascent. Desc. gradually over gentle SE. slope.
18.20	Truck trail, bears N.10°W. and S.
36.88	Truck road, bears NE. and SW.
37.38	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 18 ----- S 19 1936
	from which
	A black pine, 20 ins. diam., bears N.24 $\frac{1}{2}$ °W., 116 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
	A black pine, 12 ins. diam., bears S.34 $\frac{1}{4}$ °W., 49 lks. dist., mkd. $\frac{1}{4}$ S 19 B T
	Cor. stands in draw, 1 ch. wide, course N.15°E.
	Asc. slight NW. slope.
52.40	Top of ascent. Desc. gentle SE. slope.
74.90	Draw, 30 lks. wide, course NE. Asc. 15 ft. over NW. slope.
77.38	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling. Soil, snady loam, 1st. and 2nd. rate; and rocky, 4th. rate. Timber, yellow pine and some juniper and oak; undergrowth, some 2nd. growth pine.
	N.0°14'W., bet. secs. 17 and 18.
	Over rolling land, through heavy timber.
1.60	Draw, course N.75°E.
30.80	Draw, course N.75°E.
33.00	Spur, slopes E.
36.40	Draw, course S.70°E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 18 S 17 1936
	from which
	A yellow pine, 8 ins. diam., bears N.61°E., 149 lks. dist., mkd. $\frac{1}{4}$ S 17 B T
	A yellow pine, 10 ins. diam., bears S.78°W., 123 lks.

BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains	mkd. $\frac{1}{4}$ S 18 B T												
55.00	Desc. 55 ft. over gradual NE. slope.												
57.70	Truck trail, bears N.60°E. and S.50°W.												
76.44	Draw, course N.40°W.												
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 12</td> <td>N R 16</td> <td>E</td> </tr> <tr> <td>S 7</td> <td> </td> <td>S 8</td> </tr> <tr> <td>S 18</td> <td> </td> <td>S 17</td> </tr> <tr> <td colspan="3" style="text-align: center;">1936</td> </tr> </table>	T 12	N R 16	E	S 7		S 8	S 18		S 17	1936		
T 12	N R 16	E											
S 7		S 8											
S 18		S 17											
1936													
	from which												
	A yellow pine, 12 ins. diam., bears N.65 $\frac{1}{2}$ °E., 119 lks. dist., mkd. T 12 N R 16 E S 8 B T												
	A yellow pine, 16 ins. diam., bears S.35 $\frac{1}{2}$ °E., 49 lks. dist., mkd. T.12 N R 16 E S 17 B T.												
	A yellow pine, 16 ins. diam., bears S.31°W., 95 lks. dist., mkd. T 12 N R 16 E S 18 B T.												
	A yellow pine, 14 ins. diam., bears N.65 $\frac{1}{2}$ °W., 42 lks. dist., mkd. T 12 N R 16 E S 7 B T												
	Land, rolling. Soil, sand and gravel loam, 1st. and 2nd. rate; and rocky 4th. rate. Timber, yellow pine, with some juniper and oak. Undergrowth, scrub juniper and 2nd. growth pine.												
	S.89°54'E., on a random line bet. secs. 8 and 17.												
40.00	Set temp. $\frac{1}{4}$ sec. cor.												
80.04	A point 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.												
	Thence												
	N.89°49'W., on a true line bet. secs. 8 and 17.												
	Over rolling land, through heavy timber. Asc. SE. slope 82 ft.												
21.80	Flat spur, slopes NE. Desc. 60 ft. over NW. slope.												
31.30	Draw, 70 lks. wide, course NE. Asc. 45 ft. over SE. slope.												
40.02	Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) chiseled on limestone surface, and supported in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>S 8</td> </tr> <tr> <td>$\frac{1}{4}$ ----</td> </tr> <tr> <td>S 17</td> </tr> <tr> <td>1936</td> </tr> </table>	S 8	$\frac{1}{4}$ ----	S 17	1936								
S 8													
$\frac{1}{4}$ ----													
S 17													
1936													
	from which												
	A black pine, 30 ins. diam., bears N.30 $\frac{1}{2}$ °W., 147 lks. dist., mkd. $\frac{1}{4}$ S 8 B T												
	A black pine, 16 ins. diam., bears S.35 $\frac{1}{4}$ °W., 120 lks. dist., mkd. $\frac{1}{4}$ S 17 B T												

Subdivision of T.12 N., R.16 E.

BOOK 4115

Chains	
41.70	Small draw, course SE., 1 ch., thence E. Asc. gentle SE. slope.
54.50	Truck road, bears NE. and SW. Top of ascent.
62.70	Desc. 60 ft. over gradual NW. slope.
65.20	Barb wire fence, bears N. and S.
80.04	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling. Soil, sand and gravel loam, 1st. and 2nd. rate; rocky, 4th. rate. Timber, yellow pine and some oak and juniper. Undergrowth, 2nd. growth pine.
	S.89°49'W., on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.03	A point 2 lks. N. of the cor. of secs. 7 and 18 on W. bdy. of Tp., hereinbefore described.
	Thence
	N.89°48'E., on a true line bet. secs. 7 and 18.
	Over rolling land, through heavy timber.
2.00	Desc. 40 ft. over NE. slope.
10.05	Draw, course S.65°E. Along S. slope.
14.00	Same draw, course N.85°E. Asc. slightly along rolling NW. slope.
37.03	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 7 ----- S 18 1936
	from which
	A yellow pine, 8 ins. diam., bears N. $\frac{1}{2}$ °E., 68 lks. dist., mkd. $\frac{1}{4}$ S 7 B T
	A yellow pine, 10 ins. diam., bears S.25 $\frac{1}{2}$ °W., 35 lks. dist., mkd. $\frac{1}{4}$ S 18 B T
	Continue slight ascent.
44.60	Top of ascent.
50.00	Desc. gradually over broken SE. slope.
65.60	Spur, slopes SE. Desc. 56 ft. over SE. slope.
72.94	Draw, course N.40°E. Road follows draw. Asc. 17 ft. over NW. slope.
77.03	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling. Soil, gravelly and rocky, 2nd., 3rd. & 4th. rates. Timber, yellow pine, juniper and oak.

BOOK 4115

Subdivision of T.12 N., R.16 E.

Chains	N.0°14'W., on a random line bet. secs. 7 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
87.36	Intersect the cor. of secs. 5, 6, 7 and 8.
	I return to the cor. of secs. 7, 8, 17 and 18,
	Thence
	N.0°14'W., on a true line bet. secs. 7 and 8.
	Over rolling and broken land, through heavy timber. Desc. NW. slope 30 ft.
3.79	Road, bears N.55°E. and S.60°W.
5.20	Draw, course N.60°E. Asc. 45 ft. over SE. slope.
11.90	Spur, slopes N.80°E.
19.45	Draw, course E. Asc.
27.34	Low ridge, bears N.80°E. and S.55°W. Desc. 40 ft. over NE. slope.
36.50	Draw, course N.85°E. Asc. 37 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$
	S 7 S 8
	1936
	from which
	A juniper, 4 ins. diam., bears N.33 $\frac{1}{2}$ °E., 53 lks. dist. mkd. $\frac{1}{4}$ S 8 B T
	A yellow pine, 10 ins. diam., bears S.66 $\frac{1}{4}$ °W., 56 lks. dist., mkd. $\frac{1}{4}$ S 7 B T
40.21	Barb wire fence, bears N.60°W. and S.40°E.
43.00	Low spur, slopes N.75°E. Desc. 23 ft.
50.00	Draw, course S.80°E.
51.09	Road, bears N.70°E. and S.80°W. Forest Service one wire telephone line along road.
76.90	Ravine, course E. Asc. 40 ft. over S. slope to
80.00	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, and in a mound of stone to top, for cor. of lots 4 and 5 of sec. 8 and lots 1 and 8 of sec. 7, with brass cap mkd.
	S 7 $\frac{1}{4}$ $\frac{4}{5}$ S 8
	1936
	from which
	A juniper, 15 ins. diam., bears N.53 $\frac{1}{4}$ °E., 112 lks. dist. mkd. LOT 4 S 8 B T
	A juniper, 16 ins. diam., bears N.89°W., mkd. LOT 1 S 7 B T

Subdivision of T.12 N., R.16 E.

BOOK 418

Chains	Continue ascent.												
83.00	Top of ascent.												
87.36	The cor. of secs. 5, 6, 7 and 8, which is an iron post, 2 ins. diam.; 16 ins. above ground; with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T 12</td><td>N R 16</td><td>E</td></tr> <tr><td>S 6</td><td> </td><td>S 5</td></tr> <tr><td>S 7</td><td> </td><td>S 8</td></tr> <tr><td colspan="3" style="text-align: center;">1936</td></tr> </table>	T 12	N R 16	E	S 6		S 5	S 7		S 8	1936		
T 12	N R 16	E											
S 6		S 5											
S 7		S 8											
1936													
	from which												
	The original bearing trees:												
	A juniper, 8 ins. diam., bears N. $21\frac{1}{2}^{\circ}$ E., 25 lks. dist. mkd. T 12 N R 16 E S 5 B T												
	A juniper, 6 ins. diam., bears S. 71° E., 28 lks. dist. mkd. T 12 N R 16 E S 8 B T												
	A juniper, 16 ins. diam., bears S. $16\frac{1}{2}^{\circ}$ W., 36 lks. dist. mkd. T 12 N R 16 E S 7 B T												
	Foot of fallen pinyon, bears N. $46\frac{1}{2}^{\circ}$ W., 31 lks. dist.												
	New bearing tree:												
	A juniper, 6 ins. diam., bears N. $59\frac{3}{4}^{\circ}$ W., 45 lks. dist. mkd. T 12 N R 16 E S 6 B T												
	Raise a mound of stone around post to top.												
	Land, rolling.												
	Soil, gravel and rock over sandy loam, 2nd. to 4th. rate.												
	Timber, yellow pine, juniper and pinyon; undergrowth, scrub juniper, 2nd. growth pine and live oak.												
	West, bet. secs. 6 and 7.												
	Over nearly level land, through yellow pine, juniper and pinyon.												
1.07	Fence, bears N. and S.												
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 marked												
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>S 6</td></tr> <tr><td>$\frac{1}{4}$ ---</td></tr> <tr><td>S 7</td></tr> <tr><td>1936</td></tr> </table>	S 6	$\frac{1}{4}$ ---	S 7	1936								
S 6													
$\frac{1}{4}$ ---													
S 7													
1936													
	from which												
	A juniper, 12 ins. diam., bears N. $37\frac{1}{2}^{\circ}$ E., 57 lks. dist. mkd. $\frac{1}{4}$ S 6 B T												
	A juniper, 10 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ W., 42 lks. dist. mkd. $\frac{1}{4}$ S 7 B T												
76.67	The cor. of secs. 6 and 7 on W. bdy. of Tp., hereinbefore described.												
	Land, level to gently rolling.												
	Soil, gravelly and rocky, 3rd. rate.												
	Timber, yellow pine, juniper and pinyon.												
	Undergrowth, scrub juniper and pinyon.												

FINAL TEST OF SOLARS.

Buff transit No.16723:

Nov. 8, near the cor. of secs. 26, 27, 34 and 35, at 8h 00m a.m., app.t., I set off $34^{\circ}24'N.$, on the lat. arc, $16^{\circ}35\frac{1}{2}'S.$, on the decl. arc, and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 4h00m p.m., app.t., I set off $34^{\circ}24'N.$, on the lat. arc, $16^{\circ}41\frac{1}{2}'S.$, on the decl. arc, and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

Nov. 8, 1936.

Buff transit No.23829 and Young and Sons No.8385:

Nov. 19, at camp in the SW. $\frac{1}{4}$ of sec. 13, at 4h00m p.m., app.t., we set off $34^{\circ}25\frac{1}{2}'N.$, on the lat. arcs, $19^{\circ}33'S.$ on the decl. arcs, and orient the instruments with the solar; the lines of sight agree with the meridian established by Polaris observation.

Nov.20, at 8h 00m a.m., app.t., we set off $34^{\circ}25\frac{1}{2}'N.$, on the lat. arcs, $19^{\circ}42'S.$, on the decl. arcs, and repeat the tests of the solar; the lines of sight agree with the meridian established by observation on Polaris

Nov. 20, 1936.

GENERAL DESCRIPTION.

The land in T.12 N., R.16 E. varies from nearly level to rolling and broken mountains. The soil varies from sandy loam 1st. rate, to rocky and gravelly, 4th. rate.

The general elevation is about 6500 ft. above sea level.

The timber consists of yellow pine, juniper and oak. Undergrowth scrub juniper and 2nd. growth pine.

There are a number of Forest Homestead Entry Surveys within the township.

There are no indications of valuable mineral deposits.

185
65

OOK 430

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
William J. Martin	Principal Assistant
I. B. Williams	"
William B. Miller	"
Ellis W. Murphy	Chairman
J. Buster	"
Tommy Bartlett	"
A. C. Terry	Flagman
Landon Bates	"
Enoch A. Robart	"
Robert Henderson	"
Mark E. Makin	Moundman
Harry H. Dye	"
Paschal Austin	"
Elbert E. Wainwright	"
Samuel V. Cook	"
Robert G. Burns	"
Curtis Osborne	Axeman
K. N. Burrows	Moundman
Alex Cruz	Axeman
W. K. Sheally	"
Leo J. Miller	"
Ralph E. Brock	"
Clark Blevins	"
Stanton Chandler	"

66 186
BOOK 470

CERTIFICATE OF UNITED STATES SURVEYOR

We, Roger F. Wilson, U.S. Surveyor,
Horace M. Muscott, Public Land Surveyor and
Thornton Fitzhugh, U.S. Transitman, 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
and Sept. 1,
instructions dated August 24, 1936, we have surveyed the East and West boundaries
and the subdivisional lines of Township 12 North, Range 16 East,

of the Gila and Salt River Meridian, in the State of Arizona, which are
represented in the foregoing field notes as having been executed by ^{US} ~~me~~ and under ^{OUR} ~~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. April 12, 1937
Glendale, Calif. February 18, 1937
Phoenix, Arizona, February 20, 1937

Roger F. Wilson
U.S. Surveyor.
Horace M. Muscott
Public Land Surveyor.
Thornton Fitzhugh
U.S. Transitman (PW)

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,
Denver, Colorado, October 2, 1937.

The foregoing field notes of the survey of the East and West boundaries and the sub-
divisional lines of Township 12 North, Range 16 East, of the Gila and
Salt River Meridian, in the State of Arizona,

executed by Roger F. Wilson, U.S. Surveyor,
Horace M. Muscott, Public Land Surveyor and
Thornton Fitzhugh, U.S. Transitman
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.

Frank A. Johnson
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.