

Original

4116

4-679
(April 1933)

BOOK 4116

Book G

FIELD NOTES

OF THE

Resurvey of a Portion of the West Boundary

of Township 12 North, Range 18 East,

Survey of a Portion of the Subdivisional lines,

Completing the Subdivision of

Township 12 North, Range 17 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Albinus N. Kimmell, U. S. Cadastral Engineer.

Roger F. Wilson, U. S. Surveyor.

Benjamin J. Mollette, U. S. Transitman, (PW)

Carroll I. Parkman U. S. Transitman, (PW)

John Boggs, U. S. Transitman, (PW)

Under special instructions dated June 18, 1934, which provided

for the surveys included under Group No. 191, bearing the approval of the

Commissioner of the General Land Office under date of July 6, 1934,

and assignment instructions dated August 22, 1935, and
October 31, 1936.

Survey commenced October 31, 1935

Survey completed November 20, 1936.

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Township 12 NORTH, Range 17 EAST

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Page 57-- Retracement of the boundaries of H.E.S.550.

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of T.12 N., R.18 E.

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Survey commenced Oct. 31, 1935, with Young and Sons solar compass No. 6808. For description of instrument, date of approval by the District Cadastral Engineer, field test of the solar and description of equipment used by A.N.Kimmell, see the field notes of the exterior lines of T.11 N., R.17 E., surveyed under this group.

Survey continued Nov. 8, 1936, and executed with Buff light mountain solar transits Nos. 9984, 1914 model, and 23829, 1935 model; Young and Sons solar transit No. 8477, 1909 model; and Lietz solar transit No. 6166, 1913 model. The instruments are all equipped with the Smith solar attachment and unless otherwise specified all azimuth determinations are accomplished with the solars. The instruments were in good condition, and having been placed in satisfactory adjustment prior to beginning the survey and tested and found free from appreciable error, were approved by the District Cadastral Engineer on Oct. 31, 1936. We examined all the instrumental adjustments before making the field tests hereinafter recorded.

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

The data furnished with the special instructions gives the geographic position of the SE. cor. of T.11 N., R.17 E. as follows: latitude $34^{\circ}17'50''$ N., and longitude $110^{\circ}28'54''$ W.

For the description of the observation on Polaris for determination of the meridian and latitude, and also the test of Buff transit No. 23829, by R.F. Wilson, see the field notes of the E. boundary of T.12 N., R.16 E., surveyed under this group. The tests of the three remaining instruments were made on the same meridian, on the same date, Nov. 8, and the same settings were used on the lat. and decl. arcs. The limit of variation of each instrument from the meridian determined from Polaris observation was less than $1'30''$. The meridional indications were verified at frequent intervals throughout the survey.

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

The West Boundary of T.12 N., R.18 E., was surveyed by H.A. Cee, Deputy Surveyor, in 1883. The following notes describe a resurvey of the South 5 miles of this line.

From the cor. of Ts. 11 and 12 N., Rs. 17 and 18 E.,

North, on a random line bet. Rs. 17 and 18 E.

40.02 A point 19 lks. E. of the $\frac{1}{4}$ sec. cor.

Thence from cor.

41.09 A point 54 lks. E. of the cor. of secs. 25, 30, 31 and 36.

Thence from cor.

40.88 A point 12 lks. E. of the $\frac{1}{4}$ sec. cor.

Thence from cor.

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of T.12 N., R.18 E.

Chains	
40.04	A point 9 lks. E. of the cor. of secs. 19, 24, 25 and 30. Thence from cor.
40.57	A point 17 lks. E. of the $\frac{1}{4}$ sec. cor. Thence from cor.
40.57	A point 4 lks. E. of the cor. of secs. 13, 18, 19 and 24. Thence from cor.
40.51	A point 17 lks. E. of the $\frac{1}{4}$ sec. cor. Thence from cor.
40.03	A point 18 lks. E. of the cor. of secs. 7, 12, 13 and 18. Thence from cor.
40.94	A point 11 lks. W. of the $\frac{1}{4}$ sec. cor. Thence from cor.
41.00	A point 34 lks. W. of the cor. of secs. 1, 6, 7 and 12. -----
	I return to the cor. of Ts. 11 and 12 N., Rs. 17 and 18 E., described in the field notes of the resurvey of the W. bdy. of T. 11 N., R. 18 E., under this group.
	Thence
	N. 0° 16' W., on a true line on the W. bdy. of sec. 31.
	Over rolling land, through scattering timber and dense undergrowth.
101.00	Desc. gradually.
17.00	Head of draw, course N. 60° W.
28.50	Desc. 35 ft. over NE. slope.
34.90	Draw, course N. 60° W. Asc.
38.90	Small draw, course W.
40.02	The $\frac{1}{4}$ sec. cor., of secs. 31 and 36, which is a quartzite stone, 12x8x4 ins., mkd. $\frac{1}{4}$, lying in an old mound of stone. At point for cor., with the original stone reset alongside, Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$
	S 36 S 31
	1935 .
	from which
	An original bearing tree, A yellow pine, 36 ins. diam., bears S. 15 $\frac{1}{4}$ ° E., 135 lks. dist., mkd. $\frac{1}{4}$ S
	New bearing trees,

Resurvey of a Portion of the West Boundary
of T.12 N., R.18 E.

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Chains	<p>A yellow pine, 5 ins. diam., bears N.60°E., 77 lks. dist., mkd. $\frac{1}{4}$ S 31 B T</p> <p>A yellow pine, 6 ins. diam., bears S.54$\frac{1}{2}$°W., 95 lks. dist., mkd. $\frac{1}{4}$ S 36 B T</p> <p>Thence</p> <p>N.0°45'W., on a true line on the W. bdy. of sec. 31. Asc. 18 ft. over gentle SW. slope.</p> <p>10.50 Flat top of a hill, slopes NW. Desc. 92 ft.</p> <p>27.40 Wash, 20 lks. wide, 4 ft. deep, course NW. Asc. 10 ft.</p> <p>32.50 Small spur, slopes NW. Desc. 20 ft.</p> <p>36.40 Old road, bears NE. and SW.</p> <p>40.00 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. 25 and 36 only, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T12N</td></tr> <tr><td>R17E</td><td>R18E</td></tr> <tr><td>S 25</td><td>S 31</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S 36</td><td></td></tr> <tr><td colspan="2">1936</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>A yellow pine, 12 ins. diam., bears S.34$\frac{3}{4}$°W., 68 lks. dist., mkd. T 12 N R 17 E S 36 B T</p> <p>A yellow pine, 18 ins. diam., bears N.25°W., 24 lks. dist., mkd. T 12 N R 17 E S 25 B T</p> <p>40.70 Wash, 60 lks. wide, course N.70°E.</p> <p>41.09 The old cor. of secs. 25, 30, 31 and 36, which is a sandstone, 10x8x6 ins. above ground, mkd. with 5 notches on N. edge, 1 notch on S. edge and set in a mound of stone.</p> <p>At point for cor., with the old cor. stone reset alongside,</p> <p>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.</p> <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T12N</td></tr> <tr><td>R17E</td><td>R18E</td></tr> <tr><td>S 25</td><td>S 30</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S 31</td><td></td></tr> <tr><td colspan="2">1935</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>An original bearing tree, A yellow pine, 24 ins. diam., bears S.6$\frac{1}{2}$°W., 89 lks. dist., mkd. T 12 N R 17 E S 36 B T (I obliterate all marks on this tree) Find no evidence of the other record bearing tree.</p> <p>New bearing trees, A yellow pine, 26 ins. diam., bears N.36$\frac{1}{4}$°E., 427 lks. dist., mkd. T 12 N R 18 E S 30 B T</p> <p>A yellow pine, 16 ins. diam., bears S.56$\frac{1}{2}$°E., 136 lks. dist., mkd. T 12 N R 18 E S 31 B T</p> <p>Land, rolling. Soil, sand and stony clay loam; 3rd. rate. Timber, yellow pine and juniper; undergrowth, juniper.</p>	T12N		R17E	R18E	S 25	S 31	<hr/>		S 36		1936		T12N		R17E	R18E	S 25	S 30	<hr/>		S 31		1935	
T12N																									
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S 31																									
1935																									

Resurvey of a Portion of the West Boundary
of T.12 N., R.18 E.

Chains	N.0°10'W., on a true line on W. bdy. of sec. 30. Over level bottom land, through scattering timber and undergrowth.
3.60	Leave bottom and enter rolling land, bears N.70°E. and S.70°W. Asc. 52 ft. through dense undergrowth.
14.00	Crest of spur, slopes S.80°E. Desc. slightly.
14.05	Road, bears N.80°W. to Heber and S.80°E. about 2 chs. thence NE. to Aripine.
20.75	Small draw, course SE.
21.75	Another small draw, course SE. Asc. 80 ft.
38.91	40.00 chs. from the SE. cor. of sec. 25, Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25 only, with brass cap mkd. $\frac{1}{4}$ S 25 1936 from which, A juniper, 8 ins. diam., bears S.55°W., 200 lks. dist. mkd. $\frac{1}{4}$ S 25 B T A juniper, 5 ins. diam., bears N.33 $\frac{1}{2}$ °W., 68 lks. dist. mkd. $\frac{1}{4}$ S 25 B T
39.00	Flat spur, slopes E.
40.88	The old $\frac{1}{4}$ sec. cor., which is a quartzite stone 8x8x4 ins. mkd. $\frac{1}{4}$ and lying in a mound of stones. At point for cor., with the old cor. stone reset alongside, Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 30 only, with brass cap mkd. $\frac{1}{4}$ S 30 1935 from which Find no evidence of original bearing trees. New bearing trees, A white juniper, 8 ins. diam., bears N.55 $\frac{1}{2}$ °E., 38 lks. dist., mkd. $\frac{1}{4}$ S 30 B T An alligator juniper, 20 ins. diam., bears S.65 $\frac{1}{2}$ °E., 178 lks. dist., mkd. $\frac{1}{4}$ S 30 B T Thence N.0°08'W., on a true line on the W. bdy. of sec. 30. Desc. 35 ft. over NW. slope.
8.00	Draw, course NE. Asc. 25 ft.
18.30	Flat spur, slopes NE. Desc. 95 ft.

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Chains													
32.85	Draw, course N.20°E.												
35.75	Another draw, course S.80°E. Asc. 80 ft.												
✓ 38.03	80.00 chs. from the SE. cor. of sec. 25, Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 24 and 25 only, with brass cap mkd, <div style="text-align: center;"> <table border="0"> <tr><td colspan="2">T12N</td></tr> <tr><td>R17E</td><td>R18E</td></tr> <tr><td>S 24</td><td> </td></tr> <tr><td>S 25</td><td> S 30</td></tr> <tr><td colspan="2">1936</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>A juniper, 14 ins. diam., bears S.86°W., 45 lks. dist. mkd. T 12 N R 17 E S 25 B T</p> <p>A juniper, 6 ins. diam., bears N.62½°W., 99 lks. dist. mkd. T 12 N R 17 E S 24 B T</p>	T12N		R17E	R18E	S 24		S 25	S 30	1936			
T12N													
R17E	R18E												
S 24													
S 25	S 30												
1936													
40.04	The old cor. of secs. 19, 24, 25 and 30, which is a mound of stone. Find no evidence of the tree cor. as described in the official record. At point for cor., Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, 2 ft. base 1 ft. high, for cor. of secs. 19 and 30 only, with brass cap mkd. <div style="text-align: center;"> <table border="0"> <tr><td colspan="2">T12N</td></tr> <tr><td>R17E</td><td>R18E</td></tr> <tr><td>S 24</td><td> </td></tr> <tr><td>S 25</td><td> S 19</td></tr> <tr><td>S 30</td><td> S 30</td></tr> <tr><td colspan="2">1935</td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>Find no evidence of the original bearing trees.</p> <p>New bearing trees, An alligator juniper, 16 ins. diam., bears N.33½°E., 63 lks. dist., mkd. T 12 N R 18 E S 19 B T</p> <p>A white juniper, 5 ins. diam., bears S.25°E., 23 lks. dist., mkd. T 12 N R 18 E S 30 B T</p> <p>Land, rolling. Soil, sandy loam and stony clay, 3rd. rate. Timber, juniper, and some yellow pine and pinyon. Undergrowth, juniper.</p>	T12N		R17E	R18E	S 24		S 25	S 19	S 30	S 30	1935	
T12N													
R17E	R18E												
S 24													
S 25	S 19												
S 30	S 30												
1935													
	N.0°14'W., on a true line on W. bdy. of sec. 19. Over rolling land, through heavy timber and scattering undergrowth.												
10.00	Desc. 38 ft. over gentle NW. slope.												
17.50	Head of draw, course N.15°E.												
24.75	Small spur, slopes NE.												
26.50	Wash, 4 lks. wide, 2 ft. deep, course NE. about 2 chs., thence nearly N.												
34.70	Small spur, slopes NE.												
36.50	Draw, course N.80°E. about 2½ chs. to main draw.												

Chains
37.99

40.00 chs. from the SE. cor. of sec. 24.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 24 only, with brass cap marked.

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

1936

from which

A juniper, 16 ins. diam., bears S. $7\frac{1}{2}^{\circ}$ W., 358 lks. dist.
mkd. $\frac{1}{4}$ S 24 B T

A juniper, 16 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ W., 49 lks. dist.
mkd. $\frac{1}{4}$ S 24 B T

40.57

The old $\frac{1}{4}$ sec. cor., which is a quartzite stone, 20x8x6 ins., mkd. $\frac{1}{4}$ and lying in a mound of stone. At point for cor., with the old cor. stone reset alongside,

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 19 only, with brass cap mkd.

 $\frac{1}{4}$

S 19

1935

from which

The original bearing trees:

A juniper, 8 ins. diam., bears N. 22° E., 69 lks. dist.
mkd. $\frac{1}{4}$ S 19 B T

An alligator juniper, 9 ins. diam., bears S. 89° W., 196 lks. dist., mkd. $\frac{1}{4}$ S 24 B T (I deface the marks on this tree)

New bearing tree,

A pinyon, 6 ins. diam., bears S. 50° E., 182 lks. dist.
mkd. $\frac{1}{4}$ S 19 B T

Thence

N. $0^{\circ} 03'$ W., on a true line on W. bdy. of sec. 19.

2.50 Spur, slopes NE.

5.70 Draw, course E., 3 chs. to main draw.

8.40 Spur, slopes S. 75° E. Desc. 15 ft.

11.50 Draw, course E. Asc. 36 ft.

14.60 Spur, slopes N. 80° E.; desc. 20 ft.19.20 Draw, course S. 80° E.; asc. 55 ft.

24.50 Spur, slopes E.; desc. 60 ft.

32.10 Draw, course S. 75° E. about 4 chs., thence N. 80° E.

35.00 Spur, slopes E.; desc. 15 ft.

37.42 80.00 chs. from the SE. cor. of sec. 24,

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Chains	<p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13 and 24 only, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T12N</td><td>T12N</td></tr> <tr><td>S 13</td><td>R18E</td></tr> <tr><td>S 24</td><td>S 19</td></tr> <tr><td>R17E</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">1936</td></tr> </table> <p style="text-align: right;">from which</p> <p>A juniper, 4 ins. diam., bears S.77½°W., 79 lks. dist. mkd. S 24 B T</p> <p>A juniper, 4 ins. diam., bears N.34°W., 25 lks. dist. mkd. S 13 B T</p> <p>38.00 Draw., course S.70°E.; asc. 15 ft.</p> <p>38.30 Dim road, bears N.70°W. and S.70°E.</p> <p>40.57 The old cor. of secs. 13, 18, 19 and 24, which is a washed quartzite stone 16x10x10 ins., marked with 3 notches on S. and 3 notches on N. edges, and lying on mound of stone. At point for cor., with the old cor. stone set alongside,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of secs. 18 and 19 only, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T12N</td><td></td></tr> <tr><td>R17E</td><td>R18E</td></tr> <tr><td>S 13</td><td>S 18</td></tr> <tr><td></td><td>S 19</td></tr> <tr><td colspan="2" style="text-align: center;">1935</td></tr> </table> <p style="text-align: right;">from which</p> <p>Find no evidence of the original bearing trees.</p> <p>New bearing trees:</p> <p>A pinyon, 7 ins. diam., bears N.36°E., 21 lks. dist. mkd. T 12 N R 18 E S 18 B T</p> <p>A pinyon, 6 ins. diam., bears S.28°E., 66 lks. dist. mkd. T 12 N R 18 E S 19 B T</p> <p>Land, rolling. Soil, sandy and stony clay loam; 3rd. rate. Timber, juniper and pinyon; undergrowth, same.</p> <hr/> <p>N.0°14'W., on a true line on W. bdy. of sec. 18.</p> <p>Over rolling land, through heavy timber and dense undergrowth. Asc. 30 ft.</p> <p>3.50 Spur, slopes E.; desc. 50 ft. over gentle NE. slope.</p> <p>13.41 Wire fence, bears E. and W.</p> <p>28.45 Swale, drains NW.</p> <p>34.15 Spur, slopes NW.; desc. 25 ft. over NW. slope.</p> <p>✓ 36.85 40.00 chs. from the SE. cor. of sec. 13,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 13 only, with brass cap mkd.</p>	T12N	T12N	S 13	R18E	S 24	S 19	R17E		1936		T12N		R17E	R18E	S 13	S 18		S 19	1935	
T12N	T12N																				
S 13	R18E																				
S 24	S 19																				
R17E																					
1936																					
T12N																					
R17E	R18E																				
S 13	S 18																				
	S 19																				
1935																					

Chains

 $\frac{1}{4}$

S 13

1936

from which

A juniper, 5 ins. diam., bears S. $3\frac{1}{2}^{\circ}$ W., 199 lks. dist.
mkd. $\frac{1}{4}$ S 13 B T

A juniper, 5 ins. diam., bears N. 41° W., 143 lks. dist.
mkd. $\frac{1}{4}$ S 13 B T.

39.65 Draw, course N. 80° W.

40.51 The old $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a juniper post, 3 ins. sqr., 3 ft. long, set in a mound of stone; marks much weather worn. At point for cor., with the old post reset alongside,

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. of sec. 18 only, with brass cap mkd.

 $\frac{1}{4}$

S 18

1935

from which

Find no evidence of the original bearing trees.

New bearing trees;

A pinyon, 10 ins. diam., bears N. 40° E., 100 lks. dist.
mkd. $\frac{1}{4}$ S 18 B T

A pinyon, 7 ins. diam., bears S. 70° E., 30 lks. dist.
mkd. $\frac{1}{4}$ S 18 B T

Thence

N. $0^{\circ}15'$ W., on a true line on W. bdy. of sec. 18.

4.20 Draw, course N. 80° W. Asc. 36 ft.

8.00 Spur, slopes W.; desc. 25 ft.

12.70 Draw, course SW. Asc. 40 ft.

18.20 Spur, slopes SW. Desc. 25 ft.

21.60 Draw, course W. Asc. 25 ft.

26.30 Ranch house, bears S. $78\frac{1}{2}^{\circ}$ W., about 25 chs. dist.

29.40 Broad spur, slopes W. Desc. gentle NW. slope.

36.34 80.00 chs. from the SE. cor. of sec. 13,

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, for cor. of secs. 12 and 13 only, with brass cap mkd.

T12N | T12N

S 12 | R18E

S 13 | S 18

R17E |

1936

from which

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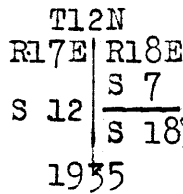
Chains

A juniper, 6 ins. diam., bears S.46 $\frac{1}{2}$ °W., 181 lks. dist.
mkd. T 12 N R 17 E S 13 B T

A juniper, 10 ins. diam., bears N.9°W., 43 lks. dist.
mkd. T 12 N R 17 E S 12 B T

40.03 The old cor. of secs. 7, 12, 13 and 18, which is a juniper post, 4 ins. sqr., 30 ins. above ground, marks discernible but weather worn. At point for cor., with the old post reset alongside,

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 7 and 18 only, with brass cap mkd.



from which

Find no evidence of the original bearing trees.

New bearing trees;

A pinyon, 6 ins. diam., bears N.26 $\frac{3}{4}$ °E., 107. lks. dist.
mkd. T 12 N R 18 E S 7 B T

A pinyon, 5 ins. diam., bears S.41 $\frac{1}{4}$ °E., 208 lks. dist.
mkd. T 12 N R 18 E S 18 B T

Land, rolling.

Soil, clay loam and sandstone; 3rd. rate.

Timber, juniper and pinyon; undergrowth, same.

N.0°09'E., on a true line on W. bdy. of sec. 7.

Over rolling land, through scattering timber and undergrowth.

8.20 Drift fence, bears N.3°E. and S.3°W.

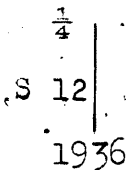
15.95 Draw, course N.15°E.

26.40 Desc. 40 ft. over NW. slope.

34.15 Draw, course SW.; asc. 50 ft.

36.31 40.00 chs. from the SE. cor. of sec. 12,

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. of sec. 12 only, with brass cap mkd.



from which

A juniper, 5 ins. diam., bears N.53 $\frac{1}{4}$ °W., 77 lks. dist.
mkd. $\frac{1}{4}$ S 12 B T

A juniper, 16 ins. diam., bears N.10°W., 45 lks. dist.
mkd. $\frac{1}{4}$ S 12 B T

38.00 Spur, slopes SW.; desc. 20 ft.

40.94 The old $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a mound


BOOK 4116

Resurvey of a Portion of the West Boundary
of T.12 N., R.18 E.

Chains	of stone. At point for cor., Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \\ S. 7 \\ \\ 1935 \end{array}$
	from which
	Find no evidence of the record bearing trees.
	New bearing trees:
	A juniper, 6 ins. diam., bears N.62°E., 13 lks. dist. mkd. $\frac{1}{4}$ S 7 B T
	A juniper, 6 ins. diam., bears S.47°E., 6 lks. dist. mkd. $\frac{1}{4}$ S 7 B T
	Thence
	N.0°28'E., on a true line on W. bdy. of sec. 7.
	Desc. 56 ft. over NW. slope.
5.00	Timber becomes very scattering.
12.50	Drawn course N.80°W.; asc. 25 ft.
16.00	Low spur, slopes W.
30.70	Draw, course S.75°W.; asc. 25 ft.
✓35.37	80.00 chs. from the SE. cor. of sec. 12, 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 1 and 6 of sec. 12, with brass cap mkd.
	$\begin{array}{c} 1 \\ \\ S 12 \frac{1}{6} \\ \\ 1936 \end{array}$
	from which
	A juniper, 8 ins. diam., bears S.38 $\frac{1}{2}$ °W., 81 lks. dist. mkd. LOT 6 S 12 B T
	A juniper, 5 ins. diam., bears N.11 $\frac{3}{4}$ °W., 56 lks. dist. mkd. LOT 1 S 12 B T
35.50	Spur, slopes SW.; desc.
41.00	The cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., 20 ins. above ground, with brass cap mkd.
	$\begin{array}{c} T12N \\ R17E, R18E \\ S.1 \quad S.6 \\ \hline S.12 \quad S.7 \\ 1917 \end{array}$
	From cor., wire fences bear N., S. and W.
	Land, rolling.
	Soil, stony clay loam, 3rd. rate.
	Timber, juniper and pinyon; undergrowth, same.

Subdivisions of T. 12 N., R. 17 E.

BOOK 4116

Chains	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. 17 E., surveyed under this group.
	N.0°14'W., on governing section line, bet. secs. 35 and 36
	Over rolling land, through yellow pine and juniper.
.13	Intersect line 1-4 of H.E.S. No. 452.
	From this point, cor. No. 1 bears N.89°58'E., 24.45 chs. dist.; cor. No. 4 bears S.89°58'W., 5.55 chs. dist. Cors. described in the field notes of the N. bdy. of T. 11 N., R. 17 E., surveyed under this group.
.18	Fence, bears E. and W.
.29	Fence, bears E. and W.
2.51	Intersect line 1-2 of H.E.S. No. 549.
	From this point, cor. No. 1 bears N.89°51'E., 1.28 chs. dist.; an iron post 2 ins. diam., with brass cap mkd.
	
	1919
	from which
	A yellow pine, 26 ins. diam., bears N.23½°E., 49 lks. dist., mkd. 1 HES 549 B T
	A yellow pine, 30 ins. diam., bears S. 86½°E. 177 lks. dist., mkd. 1 HES 549 B T
	Cor. also witnessed by a mound of stone SW. of post.
3.00	Drain, cours E.; asc 45 ft.
7.87	Road, bears SW and NE.
8.12	Fence, bears SW. and NE. 2 chs., thence E.
12.00	Top of ascent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a mound of stone, for ¼ sec. cor., with brass cap mkd.
	¼
	S 35 S 36
	1936
	from which
	A yellow pine, 6 ins. diam., bears S.21¼°W., 130 lks. dist., mkd. ½ S 35 B T
51.90	Fence, bears SE. and NW.
53.50	Fence, bears SW. and NE., 1 ch., thence N.
60.28	Fence, bears W. and E., 75 lks., thence S.
60.52	Intersect line 4-5 of H.E.S. No. 549.
	From this point, cor. No. 5 bears N.89°06'E., 97 lks. dist., a sandstone 12x9x5 ins. above ground, firmly set mkd. with a cross on top and 5 HES 549 on W. side, from which
	A juniper, 18 ins. diam., bears S. 14½°E., 904 lks. dist., mkd. 5 HES 549 B T
	A juniper, 18 ins. diam., bears S.79°E., 132 lks. dist., mkd. 5 HES 549 B T
	Mound of stone SW. of cor.

Subdivisions of T. 12 N., R. 17 E.

Chains
74.72

Road, bears W. to Heber and E. to Clay Springs.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T12N	R17E
S 26	S 25
S 35	S 36
1936	

from which

A yellow pine, 5 ins. diam., bears S.60 $\frac{1}{4}$ °E., 251 lks. dist., mkd. T 12 N R 17 E S 36 B T

A yellow pine, 4 ins. diam., bears S.81°W., 187 lks. dist., mkd. T 12 N R 17 E S 35 B T

Land, rolling.

Soil, Rocky, 3d rate.

Timber, yellow pine and juniper; undergrowth, same.

N.89°55'E

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

40.00

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

79.37

A point 10 lks. N. of the cor. of secs. 25 and 36, on E. bdy. of Tp., hereinbefore described.

Thence

S.89°59'W., on true line bet. secs. 25 and 36.

Over rolling land, through yellow pine and juniper.

4.00

Wash, 3 chs. wide, course NE.; asc. 70 ft. over NE. slope.

10.40

Top of ascent.

39.37

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

S 25
$\frac{1}{4}$
S 36
1936

from which

A yellow pine, 5 ins. diam., bears N.68 $\frac{1}{4}$ °E., 62 lks. dist., mkd. $\frac{1}{4}$ S 25 B T

A yellow pine, 4 ins. diam., bears S.38°W., 26 lks. dist., mkd. $\frac{1}{4}$ S 36 B T

70.27

Road, bears SW. to Heber and NE. to Clay Springs.

74.57

Fence, bears N. and S.

77.47

Road, bears N. and S.

79.37

The cor. of secs. 25, 26, 35 and 36.

Land, slightly rolling.

Soil, rocky, 3d rate.

Timber, yellow pine, juniper; undergrowth, same.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains	N.0°14'W., on governing section line bet. secs. 25 and 26. Over rolling land, through scrub cedar and juniper. Desc. gradually.
15.85	Draw, course NE., water in pools. Asc. gradually.
16.45	Road, bears N.25°E. and S.25°W.
30.00	Top of ascent; desc.
35.00	Draw, course S.75°E.; asc. 22 ft.
38.00	Top of ascent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 26 S 25 1936 from which A juniper fork, 6 ins. diam., bears N.72°E., 27 lks. dist., mkd. $\frac{1}{4}$ S 25 B T A juniper fork, 10 ins. diam., bears N.86 $\frac{3}{4}$ °W., 17 lks. dist., mkd. $\frac{1}{4}$ S 26 B T
42.36	Draw, course N.70°E.
60.00	Desc. 70 ft. over gradual NW. slope.
74.00	Draw, 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. 23, 24, 25 and 26, with brass cap mkd.
	T12N R17E S 23 S 24 S 26 S 25 1936 from which A juniper fork, 8 ins. diam., bears N.71 $\frac{1}{4}$ °E., 233 lks. dist., mkd. T 12 N R 17 E S 24 B T A juniper fork, 6 ins. diam., bears S.70 $\frac{1}{4}$ °E., 187 lks. dist., mkd T 12 N R 17 E S 25 B T A juniper fork, 4 ins. diam., bears S.4 $\frac{1}{2}$ °W., 148 lks. dist., mkd T 12 N R 17 E S 26 B T A juniper fork, 5 ins. diam., bears N.35 $\frac{1}{2}$ °W., 67 lks. dist., mkd. T 12 N R 17 E S 23 B T Land, rolling. Soil, gravel over sandy loam, 2nd. and 3rd. rate. Timber, juniper and scattering pinyon; undergrowth, same.
	N.89°59'E., on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.37	A point 2 lks. S. of the cor. of secs. 24 and 25 on E. bdy. of Tp., hereinbefore described.

Chains	Thence, S.89°58'W., on a true line bet. secs. 24 and 25. Over rolling mountainous land, through juniper and scattering pine and pinyon. Desc. SW. slope 33 ft.
3.00	Ravine, course S.50°E.; asc. 70 ft. over SE. slope.
13.00	Ridge, bears N. and S.
13.97	Barb wire fence, bears N. and S.; desc. 37 ft. over NW. slope.
22.45	Ravine, course N.20°W.
24.60	Ravine, course N.; asc. 37 ft.
32.00	Top of ascent; desc. slightly.
39.37	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap mkd. <div style="text-align: center;"> S 24 $\frac{1}{4}$ ---- S 25 1936 </div> <div style="text-align: right; margin-right: 100px;">from which</div> <p>A juniper, 8 ins. diam., bears N.43$\frac{1}{2}$°E., 47 lks. dist. mkd. $\frac{1}{4}$ S 24 B T</p> <p>A juniper, 8 ins. diam., bears S.9$\frac{1}{2}$°W., 47 lks. dist. mkd. $\frac{1}{4}$ S 25 B T</p>
42.60	Desc. 50 ft. over NW. slope.
46.13	Wash, course N.10°W.
46.48	Road, bears N.10°W. and S.10°E. Asc. 63 ft.
52.50	Spur, slopes N.50°E.; along general N. slope.
64.90	Draw, course N.45°E.; asc. 40 ft.
71.50	Ridge, bears N.15°E. and S.15°W.; desc. 50 ft.
79.07	Wash, course N.
79.37	The cor. of secs. 23, 24, 25 and 26. Land, rolling mountainous. Soil, rocky and gravelly, over sandy loam, 2nd. and 3rd. rate. Timber, juniper, scattering yellow pine and pinyon. Undergrowth, same.
	N.0°14'W., on governing section line bet. secs. 23 and 24. Over rolling land, through yellow pine and juniper. Desc. gradually along W. side of wash.
5.00	Same wash, course N.10°W.
13.00	Desc. 50 ft. along E. side of wash.
21.75	Same wash, course N.25°E.; asc. 40 ft.
31.70	Low flat ridge, bears NE. and SW. Desc. 90 ft. over NW. slope.

Subdivision of T.12 N., R.17 E.

OOK 4116

Chains	
32.88	Fence, bears E. and W.
38.48	Intersect line 3-4 of HES. No. 465. From this point, cor. No. 3 bears N.78°42'E., 10.08 chs. dist.; a sandstone 24x16x8 ins. mkd. and witnessed as described in the official record. From the same point, cor. No. 4 bears S.78°42'W., 18.62 chs. dist.; a sandstone 30x16x14 ins., mkd. and witnessed as described in the official record. Enter valley bottom, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 23 S 24 1936 from which A yellow pine, 20 ins. diam., bears S.57 $\frac{1}{2}$ °E., 34 lks. dist., mkd. $\frac{1}{4}$ S 24 B T A yellow pine, 16 ins. diam., bears S.15°W., 86 lks. dist., mkd. $\frac{1}{4}$ S 23 B T
40.78	Enter wash, 2 chs. wide, 5 ft. deep, course N.10°E. from W.
49.60	Leave wash, course N.65°E.; asc. 64 ft.
59.00	Wire fence, bears N.37°E. and S.37°W.
59.23	Intersect line 4-5 of HES. No. 465. From this point, cor. No. 4 bears S.36°42'W., 30.38 chs. dist.; described above. From the same point, cor. No. 5 bears N.36°42'E., 17.84 chs. dist.; a sandstone 26x8x8 ins. mkd. and witnessed as described in the official record.
71.00	Spur, slopes E.; desc. 50 ft.
75.60	Ravine, course S.85°E.; asc. 40 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd. T12N R17E S 14 S 13 S 23 S 24 1936 from which A juniper, 6 ins. diam., bears N.75 $\frac{1}{2}$ °E., 25 lks. dist. mkd. T 12 N R 17 E S 13 B T A juniper, 5 ins. diam., bears S.56°E., 29 lks. dist. mkd. T 12 N R 17 E S 24 B T A juniper, 3 ins. diam., bears S.31 $\frac{1}{2}$ °W., 63 lks. dist. mkd. B T A juniper fork, 18 ins. diam., bears N.60°W., 36 lks. dist., mkd. T 12 N R 17 E S 14 B T

Chains	A rock house bears S.56°E., about 15 chs. dist. Land, rolling mountainous. Soil, gravel over sandy loam, 2nd. and 3rd. rate. Timber, yellow pine, juniper and pinyon; undergrowth, same.
	N.89°58'E., on a random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor..
79.49	A point 5 lks. S. of the cor. of secs. 13 and 24 on E. bdy. of Tp., hereinbefore described. Thence S.89°56'W., on a true line bet. secs. 13 and 24. Over rolling mountainous land, through juniper and scattering pine. Asc. 50 ft. over NE. slope.
11.00	Barb wire fence, bears S.5°E. and N.5°W. about 1 ch. thence N.45°E.
12.00	Top of ascent; desc. 40 ft.
20.94	Draw, course N.60°W.; along N. slope.
26.00	Desc. 37 ft.
31.90	Same draw, course S.45°W.; asc. 45 ft. over SE. slope.
36.00	Top of ascent; desc. 35 ft.
39.49	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.. with brass cap mkd. S 13 $\frac{1}{4}$ ---- S 24 1936 from which A juniper, 4 ins. diam., bears N.88 $\frac{1}{2}$ °E., 66 lks. dist. mkd. $\frac{1}{4}$ S. 13 B T A juniper, 5 ins. diam., bears S.64°E., 35 lks. dist. mkd. $\frac{1}{4}$ S 24 B T Continue descent 55 ft.
48.39	Intersect line 7-1 of HES. No. 465. From this point, cor. No.7 bears N.7°43'W., 30.88 chs. dist.; a sandstone in place, 5x4x1 ft. above ground, mkd. and witnessed as described in the official record. From the same point, cor. No.1 bears S.7°43'E., 21.14 chs. dist.; a sandstone 25x12x8 ins., mkd. as described in the official record, from which A juniper fork, 5 ins. diam., bears N.54 $\frac{1}{2}$ °E., 412 lks. dist., mkd. 1 HES 465 BT Find no evidence of the other record bearing tree.
48.45	Road, bears N.8°W. and S.8°E.
48.68	Fence, bears N.8°W. and S.8°E. Enter cultivated land.
54.00	Bottom of valley, drains, N.15°E. Leave cultivated land.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains

62.60

Enter cultivated land.

68.35

Wash. course N.15°E.; asc. 95 ft. over SE. slope.

68.46

Intersect line 5-6 of HES. No.465.

From this point, cor. No.5 bears S.2°46'W., 6.51 chs. dist., hereinbefore described.

From the same point, cor. No.6 bears N.2°46'E., 28.35 chs.; a limestone 20x10x8 ins., mkd. and witnessed as described in the official record.

69.05

Fence, bears N. and S.

72.55

Road, bears N. and S.

79.49

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

Land, rolling.
Soil, gravel over sandy loam, 2nd. and 3rd. rate.
Timber, juniper, scattering yellow pine and pinyon.
Undergrowth, scrub juniper, bunch grass.

N.0°14'W., on governing section line bet. secs. 13 and 14.

Over rolling land, through juniper and pinyon.

1.50

Desc. 55 ft. over N. slope.

6.50

Ravine, course N.75°E.; asc. 55 ft.

15.40

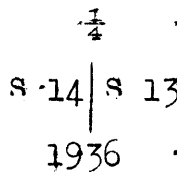
Top of ascent; desc. 90 ft.

29.00

Draw, course N.60°E.; tank, bears S.60°W. about 3 chs. Asc. 40 ft. over gradual S. slope.

40.00

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



from which

A juniper, 5 ins. diam., bears S.54½°E., 73 lks. dist. mkd. $\frac{1}{4}$ S 13 B T

A juniper fork, 6 ins. diam., bears N.36¼°W., 254 lks. dist., mkd. $\frac{1}{4}$ S 14 B T

56.00

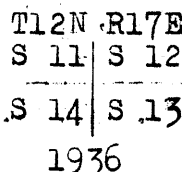
Desc. 97 ft. over rolling NW. slope.

76.90

Leave timber, bears N.70°E. and S.45°W.; enter open valley.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap mkd.



from which

A juniper, 4 ins. diam., bears N.35½°E., 193 lks. dist. mkd. B T

Chains	<p>A juniper, 8 ins. diam., bears S.24$\frac{1}{2}$°E., 270 lks. dist. mkd. T 12 N R 17 E S 13 B T</p> <p>A juniper, 4 ins. diam., bears S.83$\frac{1}{4}$°W., 340 lks. dist. mkd. B T</p> <p>A juniper, 4 ins. diam., bears N.73°W., 374 lks. dist. mkd. T 12 N R 17 E S 11 B T</p> <p>Land, rolling mountainous. Soil, gravel over sandy loam, 2nd. and 3rd. rate. Timber, juniper and scattering pinyon; undergrowth, same.</p>
	N.89°56'E., on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.31	A point 7 lks. N. of the cor. of secs. 12 and 13 on E. bdy. of Tp., hereinbefore described.
	Thence
	S.89°59'W., on a true line bet. secs. 12 and 13.
	Over rolling land, through scrub juniper, pinyon pine and sage.
12.00	Desc. 40 ft. along SW. slope.
17.50	Spur, slopes S.50°W. Continue descent 70 ft. over NW. slope
22.99	Intersect line 1-2 of HES. No.451.
	From this point, cor. No.1 bears N.11°17'E., 2.59 chs. dist.; a sandstone 26x12x7 ins., mkd. and witnessed as described in the official record.
	From the same point, cor. No.2 bears S.11°17'W., 44.57 chs. dist.; a sandstone 28x12x6 ins., mkd. and witnessed as described in the official record.
33.56	Draw, course S.50°W.
34.90	Tip of spur, slopes S.20°W.
37.10	Draw, course N.25°W.
38.60	Fence, bears N. and S.
39.31	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\begin{array}{r} S\ 12 \\ \frac{1}{4} \text{ ---} \\ S\ 13 \\ 1936 \end{array}$
	from which
	A juniper fork, 5 ins. diam., bears N.79°E., 71 lks. dist., mkd. $\frac{1}{4}$ S 12 B T
	A juniper fork, 5 ins. diam., bears S.61 $\frac{1}{2}$ °W., 211 lks. dist., mkd. $\frac{1}{4}$ S 13 B T
	Along slight NW. slope.
49.40	Leave timber, thence over open valley through sagebrush.
50.25	Wash, 150 lks. wide, course N.; over cultivated land.

Subdivision of T.12 N., R.17 E.

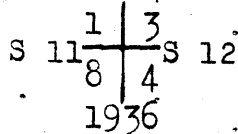
BOOK 4116

Chains 54.84	54.84 Intersect line 4-5 of HES. No.451. From this point, cor. No.4 bears S.11°30'W.,46.22 chs. dist.; a sandstone 25x9x8 ins.,mkd. and witnessed as described in the official record. From the same point, the point for cor. No.5 bears N.11°30'E.,9.23 chs. dist.; point which falls in wash, determined from the original bearing trees, A yellow pine, 30 ins. diam.,bears S.58°48'W.,106 lks. dist.,mkd. 5 HES 451 B T A yellow pine,36 ins. diam.,bears N.29°53'W.,127 lks. dist.,mkd. 5 HES 451 B T A reservoir of about 3 acres, bears N.22½°W.,10 chs. dist.
54.93	Barb wire fence, bears N.12°E. and S.12°W. Leave cultivated land; enter greasewood.
60.35	Fence, bears N.45°W. and S.45°E.
68.20	Road, bears N.20°W. and S.20°E.
70.55	Road, bears N.5°E. and S.5°W.
79.31	The cor. of secs. 11, 12, 13 and 14. Land, rolling. Soil, sand and gravel loam, 2nd. rate. Timber, juniper and pinyon; undergrowth, scrub juniper, sage and greasewood.
	N.0°14'W., on a random line bet. secs. 11 and 12.
40.00	Set temp. ¼ sec. cor.
85.72	A point 2 lks. E. 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°15'W., on a true line bet. secs. 11 and 12. Over open valley, through greasewood.
4.50	Draw, course N.75°E.
5.15	Barb wire fence, bears S.85°E. and N.85°W.
10.45	Road, bears E. and W.; enter timber.
12.50	Road, bears SE. and NW.,1 ch.,thence N.
25.00	Over general E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam.,28 ins. in the ground, for ¼ sec. cor. with brass cap mkd. ¼ S 11 S 12 1936 from which A juniper, fork, 10 ins. diam.,bears N.12¼°E.,26 lks.

Chains dist., mkd. $\frac{1}{4}$ S 12 B T
 A juniper, 8 ins. diam., bears N. $87\frac{3}{4}^\circ$ W., 66 lks. dist.
 Continue along rolling E. slope.

62.00 Road, bears N. 1° E. and S. 1° W.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. of lots 3 and 4 of sec. 12 and lots 1 and 8 of sec. 11, with brass cap mkd.

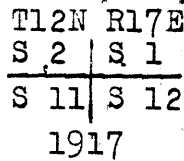


from which

A juniper, 4 ins. diam., bears N. $80\frac{3}{4}^\circ$ E., 81 lks. dist.
 mkd. LOT 3 S 12 B T

A juniper, 8 ins. diam., bears N. $13\frac{1}{4}^\circ$ W., 163 lks. dist.
 mkd. LOT 1 S 11 B T

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



from which

Original bearing trees:

A juniper, 12 ins. diam., bears N. $3\frac{1}{2}^\circ$ E., 219 lks. dist.
 mkd. T 12 N R 17 E S 1 B T

A juniper, 6 ins. diam., bears N. $7\frac{1}{2}^\circ$ W., 247 lks. dist.
 mkd. T 12 N R 17 E S 2 B T

New bearing trees:

A juniper, 4 ins. diam., bears N. 20° E., 63 lks. dist.
 mkd. T 12 N R 17 E S 1 B T

A juniper, 12 ins. diam., bears S. $66\frac{1}{2}^\circ$ E., 137 lks. dist.
 mkd. T 12 N R 17 E S 12 B T

A juniper, 4 ins. diam., bears S. 54° W., 122 lks. dist.
 mkd. T 12 N R 17 E S 11 B T

Land, rolling.

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

Timber, juniper and scattering pinyon.

Undergrowth, greasewood, bunch grass.

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.17 E., surveyed under this group,

N. $0^\circ 14'$ W., bet. secs. 34 and 35.

Over rolling land, through yellow pine and juniper.

7.30 Draw, course NW.

28.30 Telephone line, bears E. and W.

34.00 Old road, bears NE. and SW.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S 34 S 35</p> <p style="text-align: center;">1936</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 7 ins. diam., bears N. $56\frac{1}{2}^{\circ}$ E., 11 lks. dist., mkd. $\frac{1}{4}$ S 35 B T</p> <p>A yellow pine, 8 ins. diam., bears N. $36\frac{3}{4}^{\circ}$ W., 98 lks. dist., mkd. $\frac{1}{4}$ S 34 B T</p>
55.12	Road, bears SE. and NW.
57.30	Road, bears E. and W.
76.09	Intersect line 1-2 of HES. No. 550.
	<p>From this point, cor. No. 2 bears S. $4^{\circ}27'$ W., 42.40 chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.</p> <p>For retracement of H.E.S. No. 550, see page 57.</p>
73.90	Draw, course NW.
80.00	<p>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.</p> <p style="text-align: center;">T12N R17E S 27 S 26</p> <p style="text-align: center;">S 34 S 35</p> <p style="text-align: center;">1936</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 24 ins. diam., bears N. $15\frac{1}{2}^{\circ}$ E., 61 lks. dist., mkd. T 12 N R 17 E S 26 B T</p> <p>A yellow pine, 8 ins. diam., bears S. $11\frac{1}{2}^{\circ}$ E., 136 lks. dist., mkd. T 12 N R 17 E S 35 B T</p> <p>A yellow pine, 10 ins. diam., bears S. $61\frac{3}{4}^{\circ}$ W., 52 lks. dist., mkd. T 12 N R 17 E S 34 B T</p> <p>A yellow pine, 9 ins. diam., bears N. $14\frac{1}{2}^{\circ}$ W., 19 lks. dist., mkd. T 12 N R 17 E S 27 B T</p> <p>Land, rolling. Soil, gravel and rocky, 2nd. and 3rd. rate. Timber, yellow pine and juniper; undergrowth, same.</p>
	N. $89^{\circ}55'$ E., on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	A point 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.
	Thence
	S. $89^{\circ}56'$ W., on a true line bet. secs. 26 and 35.
	Over rolling land, through yellow pine and juniper.
6.60	Wash, course N.
10.83	Old road, bears NE. and SW.

Chains	
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. $\begin{array}{r} S 26 \\ \frac{1}{4} \text{ ---} \\ S 35 \\ 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., bears N.46°E., 136 lks. dist. mkd. $\frac{1}{4}$ S 26 B T</p> <p>A yellow pine, 5 ins. diam., bears S.24$\frac{1}{4}$°W., 165 lks. dist., mkd. $\frac{1}{4}$ S 35 B T</p>
79.87	Intersect line 1-2 of HES. No. 550. From this point, cor. No. 1 bears N.4°27'E., 19.21 chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.
80.20	The cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, gravel and rocky, 2nd. and 3rd. rate. Timber, yellow pine and juniper; undergrowth, same.
	N.0°14'W., bet. secs. 26 and 27. Over rolling land, through yellow pine and juniper. Desc. NW. slope 40 ft. to
4.20	Drain, course NW.
11.40	Drain, course NW.
24.81	Intersect line 6-1 of HES. No. 550. From this point, cor. No. 6 bears N.18°43'W., 9.36 chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.
28.00	Desc. 40 ft. over N. slope.
33.90	Road, bears E. and W.
34.90	Enter wash, course E.
36.00	Leave wash.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\begin{array}{r} \frac{1}{4} \\ S 27 S 26 \\ 1936 \end{array}$ <p style="text-align: right;">from which</p> <p>A yellow pine, 10 ins. diam., bears N.61$\frac{1}{4}$°E., 103 lks. dist., mkd. $\frac{1}{4}$ S 26 B T</p> <p>A yellow pine, 6 ins. diam., bears S.37$\frac{1}{4}$°W., 32 lks. dist., mkd. $\frac{1}{4}$ S 27 B T</p>
47.10	Road, bears SE. and NW.
47.26	Intersect line 6-7 of HES. No. 464.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains	From this point, cor. No. 7 bears N.33°04'W., 7.45 chs. dist.; a sandstone 24x12x8 ins. mkd. and witnessed as described in the official record.								
47.30	Fence, bears SE. and NW.; enter field.								
64.20	Fence, bears NE. and SW.; leave field and enter timber.								
71.62	Intersect line 8-9 of HES. No. 464.								
	From this point, cor. No. 8 bears S.52°42'W., 5.18 chs. dist.; a limestone 16x15x11 ins. above ground, mkd. 8 HES 464 on E. face, with mound of stone NW. of cor.								
	A yellow pine, 24 ins. diam., bears S.63½°E., 117 lks. dist., mkd. 8 HES 464 B T								
	A yellow pine, 15 ins. diam., bears S.4°50'W., 110 lks. dist., mkd. 8 HES 464 B T								
73.40	Drain, course SE. Asc. 55 ft. over S. slope.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T12N</td> <td>R17E</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" style="text-align: center;">1936</td> </tr> </table>	T12N	R17E	S 22	S 23	S 27	S 26	1936	
T12N	R17E								
S 22	S 23								
S 27	S 26								
1936									
	from which								
	A juniper, 12 ins. diam., bears N.59¾°E., 37 lks. dist. mkd. T 12 N R 17 E S 23 B T								
	A yellow pine, 10 ins. diam., bears S.47½°E., 93 lks. dist., mkd. T 12 N R 17 E S 26 B T								
	A yellow pine, 10 ins. diam., bears S.22¾°W., 68 lks. dist., mkd. T 12 N R 17 E S 27 B T								
	A juniper, 14 ins. diam., bears N.85°W., 36 lks. dist. mkd. T 12 N R 17 E S 22 B T								
	Land, rolling. Soil, gravelly and rocky, 2nd. and 3rd. rate. Timber, yellow pine and juniper; undergrowth, same.								
	N.89°56'E., on a random line bet. secs. 23 and 26.								
40.00	Set temp. ¼ sec. cor.								
80.32	Intersect the cor. of secs. 23, 24, 25 and 26.								
	Thence								
	S.89°56'W., on a true line bet. secs. 23 and 26.								
	Over rolling land, through yellow pine and juniper.								
2.30	Small spur, slopes NE.								
5.80	Drain, course NE.; asc. gentle E. slope.								
15.00	Top of ascent; desc. 100 ft. over SW. slope.								
27.60	Small drain, course NW.; asc. gentle NE. slope.								
40.16	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the								

Chains	ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 23 ----- S 26 1936
	from which
	A yellow pine, 22 ins. diam., bears S.33°W., 48 lks. dist., mkd. $\frac{1}{4}$ S 26 B T
	A yellow pine, 20 ins. diam., bears N.49°W., 76 lks. dist., mkd. $\frac{1}{4}$ S 23 B T
	Desc. 60 ft. over NW. slope.
45.48	Intersect line 2-3 of HES. No. 464. From this point, cor. No.2 bears N.42°02'E., 25.02 chs. dist.; a limestone 24x12x7 ins., mkd. and witnessed as described in the official record.
53.90	Enter wash, course NE.
57.60	Leave wash, course E. from NW.
61.90	Same wash, 80 lks. wide, 3 ft. deep, course NE.; asc. 80 ft. over E. slope.
69.32	Intersect line 8-9 of HES. No. 464. From this point, cor. No.8 bears S.52°42'W., 18.98 chs. dist., hereinbefore described.
71.90	Broad spur, slopes SE.; desc. 50 ft.
76.40	Drain, course SE.; asc. 56 ft. over NE. slope.
80.32	The cor. of secs. 22, 23, 26 and 27. Land, rolling mountainous. Soil, rocky, 3rd. and 4th. rate. Timber, juniper and yellow pine; undergrowth, same.
	N.0°14'W., bet. secs. 22 and 23. Over rolling land, through yellow pine and juniper.
3.50	Drain, course SE.
11.75	Drain, course E.
19.90	Road, bears NE. and SW.
25.10	Drain, course W.
28.50	Over mesa..
39.40	Leave mesa; desc. NE. slope..
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 22 S 23 1936
	from which

Subdivision of T.12 N., R.17 E.

DOK 4116

Chains	A juniper, 7 ins. diam., bears S. $18\frac{3}{4}^{\circ}$ E., 37 lks. dist.; mkd. $\frac{1}{4}$ S 23 B T								
	A juniper, 10 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ W., 50 lks. dist.; mkd. $\frac{1}{4}$ S 22 B T								
	Descend 50 ft. over NE. slope.								
47.30	Draw, course NW.; asc. 33 ft.								
53.00	Small spur, slopes W.								
54.60	Draw, course W.; asc. 46 ft.								
59.00	Low ridge, bears SE. and NW.; desc. 50 ft.								
65.00	Drain, course E.								
66.50	Desc. 50 ft. over NE. slope.								
73.75	Drain, course NW.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.								
	<table border="1"> <tbody> <tr> <td colspan="2">T12N R17E</td> </tr> <tr> <td>S 15</td> <td>S 14</td> </tr> <tr> <td>S 22</td> <td>S 23</td> </tr> <tr> <td colspan="2">1936</td> </tr> </tbody> </table>	T12N R17E		S 15	S 14	S 22	S 23	1936	
T12N R17E									
S 15	S 14								
S 22	S 23								
1936									
	from which								
	A yellow pine, 8 ins. diam., bears N. $83\frac{1}{2}^{\circ}$ E., 147 lks. dist.; mkd. T 12 N R 17 E S 14 B T								
	A yellow pine, 12 ins. diam., bears S. $10\frac{1}{2}^{\circ}$ E., 164 lks. dist.; mkd. T 12 N R 17 E S 23 B T								
	A yellow pine, 12 ins. diam., bears S. $74\frac{3}{4}^{\circ}$ W., 171 lks. dist.; mkd. T 12 N R 17 E S 22 B T								
	A yellow pine, 16 ins. diam., bears N. $2\frac{1}{2}^{\circ}$ W., 64 lks. dist.; mkd. T 12 N R 17 E S 15 B T								
	Land; rolling mountainous. Soil; rocky, 2nd. and 3rd. rate. Timber, yellow pine and juniper; undergrowth, same.								
	N. $89^{\circ}56'$ E., on a random line bet. secs. 14 and 23.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.20	A point 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.								
	Thence								
	S. $89^{\circ}55'$ W., on a true line bet. secs. 14 and 23.								
	Over rolling land, through juniper and scattering yellow pine.								
7.80	Head of drain, course S.								
12.50	Low ridge, bears NE. and SW.; desc. 46 ft. over NW. slope.								
20.10	Road, bears NE. and SW.								
20.90	Draw, course NE.; asc. 55 ft. over SE. slope.								
27.50	Top of ascent; over nearly level land.								

Chains	
35.00	Desc. gradually.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 14 --- S 23 1936
	from which
	A yellow pine, 10 ins. diam., bears N. $66\frac{1}{2}^{\circ}$ E., 44 lks. dist.; mkd. $\frac{1}{4}$ S 14 B T.
	An oak, 5 ins. diam., bears S. 23° W., 35 lks. dist. mkd. $\frac{1}{4}$ S 23 B T
41.70	Drain, course NE.
51.20	Draw, course NE.; asc. 70 ft. over SE. slope.
61.40	Low ridge, bears SE. and NW.; desc. 113 ft. over SW. slope.
75.00	Foot of descent.
80.20	The cor. of secs. 14, 15, 22 and 23.
	Land, rolling mountainous. Soil, rocky, 3rd. and 4th. rate. Timber, juniper and yellow pine; undergrowth; same.
	N. 0° 14' W., bet. secs. 14 and 15.
	Over broken land, through yellow pine and juniper.
.90	Wash, 10 lks. wide, course NE.
1.50	Bluff, 20 ft. high, bears E. and W.
7.50	Same wash, course NW.
9.50	Small spur, slopes NW.
15.40	Same wash, course NE.
35.70	Drain, course E.
40.00	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 15 S 14 1936
	from which
	A yellow pine, 14 ins. diam., bears N. $85\frac{3}{4}^{\circ}$ E., 16 lks. dist.; mkd. $\frac{1}{4}$ S 14 B T
	A yellow pine, 14 ins. diam., bears N. 30° W., 41 lks. dist.; mkd. $\frac{1}{4}$ S 15 B T
45.00	Asc. 60 ft.
54.00	Top of ascent.
57.30	Road, bears NE. and SW.

Subdivision of T.12 N., R.17 E.

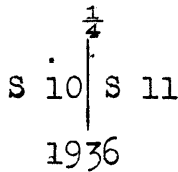
BOOK 4116

- 65.40 Fence, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, mkd.
- | | |
|-------|------|
| T12N | R17E |
| S 10 | S 11 |
| <hr/> | |
| S 15 | S 14 |
| 1936 | |
- from which
- A juniper, 6 ins. diam., bears N.8°E., 115 lks. dist.
mkd. B T
- A juniper, 8 ins. diam., bears S.78 $\frac{3}{4}$ °E., 98 lks. dist.
mkd. T 12 N R 17 E S 14 B T
- A juniper, 4 ins. diam., bears S.52 $\frac{1}{4}$ °W., 79 lks. dist.
mkd. B T
- A juniper, 4 ins. diam., bears N.6 $\frac{1}{4}$ °W., 95 lks. dist.
mkd. B T
- Land, rolling mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and yellow pine; undergrowth, same.
-
- N.89°55'E., on a random line bet. secs. 11 and 14.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 A point 9 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence
- S.89°51'W., on a true line bet. secs. 11 and 14.
Over rolling land, through juniper and yellow pine.
- 15.00 Wide draw, course NE.
- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- | |
|------|
| S 11 |
| ---- |
| S 14 |
| 1936 |
- from which
- A juniper, 14 ins. diam., bears N.12°E., 140 lks. dist.
mkd. $\frac{1}{4}$ S 11 B T
- A juniper, 5 ins. diam., bears S.32 $\frac{1}{4}$ °W., 58 lks. dist.
mkd. $\frac{1}{4}$ S 14 B T
- 52.72 Road, bears NE. and SW.
- 59.62 Fence, bears NE. and SW.
- 80.12 The cor. of secs. 10, 11, 14 and 15.
- Land, rolling.
Soil, gravel and rock, 2nd. and 3rd. rate.
Timber, juniper and yellow pine; undergrowth, same.

Subdivision of T.12 N., R.17 E.

Chains N.0°14'W., on a random line bet. secs. 10, and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 85.98 A point 3 lks. W. of the cor. of secs. 2, 3, 10 and 11.
 I return to the cor. of secs. 10, 11, 14 and 15,
 Thence
 N.0°13'W., on a true line bet. secs. 10 and 11.
 Over slightly rolling land, through medium heavy juniper.

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



from which

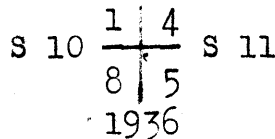
A yellow pine, 6 ins. diam., bears S.44 $\frac{1}{2}$ °E., 187 lks. dist., mkd. $\frac{1}{4}$ S 11 B T

A juniper, 15 ins. diam., bears S.75 $\frac{1}{2}$ °W., 293 lks. dist. mkd. $\frac{1}{4}$ S 10 B T

73.43 Highway, bears N.60°E. to Holbrook and S.60°W. to Heber.

76.90 Small arroyo, 10 ft. wide, 3 ft. deep, course NE.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5 of sec. 11 and lots 1 and 8 of sec. 10, with brass cap mkd.



from which

A juniper, 6 ins. diam., bears N.19°E., 101 lks. dist. mkd. LOT 4 S 11 B T

A juniper, 6 ins. diam., bears N.75°W., 83 lks. dist. mkd. LOT 1 S 10 B T

85.98 The cor. of secs. 2, 3, 10 and 11, which is an iron post, 2 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.

A limestone 10x8x6 ins. mkd. $\frac{H}{2}$ on E. face and set in a mound of stone, bears S.15°10'W., 33 lks. dist.

Land, slightly rolling.
 Soil, rock and gravel, 2nd. and 3rd. rate.
 Timber, juniper and oak; undergrowth, same.

East, on a random line bet. secs. 2 and 11.

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

80.02 A point 8 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains	S.89°56'W., on a true line bet. secs. 2 and 11. Over gently rolling land, through scrub juniper.
14.50	Road, bears N.60°E. and S.60°W.
39.01	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.
	$\frac{1}{4}$ WC $\frac{1}{4}$ S 2 S 11 1936
	from which
	A juniper, 12 ins. diam., bears N.12 $\frac{3}{4}$ °W., 312 lks. dist. mkd. WC $\frac{1}{4}$ S 2 B T
	A juniper, 14 ins. diam., bears S.63 $\frac{1}{2}$ °W., 208 lks. dist. mkd. WC $\frac{1}{4}$ S 11 B T
40.01	True point for $\frac{1}{4}$ sec. cor. falls in highway.
40.50	Center line of highway, bears N.75°E. to Holbrook and S.75°W. to Heber.
56.80	Drain, course NE.
80.02	The cor. of secs. 2, 3, 10 and 11. Land, slightly rolling. Soil, rock and gravel, 2nd. and 3rd. rate. Timber, scrub juniper and oak; undergrowth, same.
<hr/> 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.17 E., surveyed under this group, N.0°15'W., bet. secs. 33 and 34. Over gently rolling land, through scrub pine and juniper.	
20.00	Leave timber, bears E. and W.
25.46	Fence, bears N.72°55'E. and S.72°55'W., on line 1-2 of HES. No. 246. From this point, cor. No.1 bears S.72°55'W., 14.30 chs. dist.; a sandstone 26x13x4 ins., mkd and witnessed as described in the official record.
25.51	Telephone line, bears N.72°55'E. and S.72°55'W.
26.30	Road, bears E. and W. Enter scattering scrub timber.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 33 S 34 1936
	from which
	A juniper, 6 ins. diam., bears N.87°E., 135 lks. dist. mkd. $\frac{1}{4}$ S 34 B T
	A juniper, 12 ins. diam., bears N.45°W., 52 lks. dist. mkd. $\frac{1}{4}$ S 33 B T

- Chains
- 56.60 Graded road, bears N.25°E. and S.25°W.
- 62.20 Dim road, bears NE. and SW.
- 65.20 Draw, course W.
- 79.40 Draw, course NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

T12N	R17E
S 28	S 27
S 33	S 34
1936	

from which

A yellow pine, 10 ins. diam., bears N.14°E., 58 lks. dist., mkd. T 12 N R 17 E S 27 B T

A pine, 6 ins. diam., bears S.33°E., 103 lks. dist. mkd. T 12 N R 17 E S 34 B T

A yellow pine, 12 ins. diam., bears S:24½°W., 44 lks. dist., mkd. T 12 N R 17 E S 33 B T

A yellow pine, 10 ins. diam., bears N.58°W., 49 lks. dist., mkd. T 12 N R 17 E S 28 B T

Land, gently rolling.
Soil, sandy loam and gravel, 1st. to 3rd. rate.
Timber, juniper and yellow pine; undergrowth, same.

N.89°55'E., on a random line bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

79.80 A point 4 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

S.89°57'W., on a true line bet. secs. 27 and 34.

Over rolling land, through heavy timber. Desc. W. slope 57 ft.

5.32 Fence, bears N. and S.

7.70 Wash, course N.; asc. 90 ft. over SE. slope to ¼ cor.

10.40 Enter field, bears N. and S.

16.00 Fence, bears N. and S.

20.45 Intersect line 4-5 of HES. No. 550.

From this point, cor. No. 5 bears N.0°50'E., 26.77 chs. dist.; a stone 12x7x5 ins. above ground, mkd. and witnessed as described in the official record.

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

S 27
¼
S 34
1936

from which

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains	<p>A juniper, 8 ins. diam., bears N.50$\frac{1}{2}$°W., 53 lks. dist. mkd. $\frac{1}{4}$ S 27 B T</p> <p>A juniper, 16 ins. diam., bears S.38$\frac{3}{4}$°E., 47 lks. dist. mkd. $\frac{1}{4}$ S 34 B T</p>
54.60	Draw, course NE.
57.60	Fence, bears N.60°W. and S.60°E.
62.60	Dim road, bears NE. and SW.
74.00	Desc. 30 ft. to
79.80	The cor. of secs. 27, 28, 33 and 34.
	<p>Land, rolling. Soil, sandy loam to gravelly, 1st. to 3rd. rate. Timber, juniper, pinyon and scrub pine; undergrowth, same.</p>
	<p>N.0°15'W., bet. secs. 27 and 28. Over rolling land, through heavy timber.</p>
11.90	Draw, course NW. from SW.
12.40	Dim road, bears SE. and NW.
20.66	Yellow pine, 15 ins. diam., on line.
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.
	<p>$\frac{1}{4}$</p> <p>✓ S 28 S 27</p> <p>1936</p> <p>from which</p>
	<p>A yellow pine, 14 ins. diam., bears N.74$\frac{3}{4}$°E., 73 lks. mkd. $\frac{1}{4}$ S 27 B T</p> <p>A yellow pine, 16 ins. diam., bears N.8°W., 85 lks. dist., mkd. $\frac{1}{4}$ S 28 B T</p>
47.80	Dim road, bears NE. and SW.
48.41	Fence, bears N.50°W. and S.50°E.; enter meadow.
49.50	Gulley, course NE.
54.75	Fence, bears N.7°E. and S.7°W.
56.60	Enter timber, bears NE. and SW.
59.00	Asc. 50 ft. over S. slope.
68.00	Top of ascent; along E. slope.
72.50	Desc. 50 ft. over NE. slope.
78.00	Draw, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, for cor. of secs. 21, 22, 27 and 28, with brass cap mkd.

Chains

T12N	R17E
S 21	S 22
S 28	S 27
1936	

from which

A juniper, 8 ins. diam., bears N.76½°E., 71 lks. dist. mkd. T 12 N R 17 E S 22 B T

A juniper, 6 ins. diam., bears S.13°E., 38 lks. dist. mkd. T 12 N R 17 E S 27 B T

A juniper, 6 ins. diam., bears S.49¼°W., 13 lks. dist. mkd. T 12 N R 17 E S 28 B T

A pinyon, 8 ins. diam., bears N.27°W., 44 lks. dist. mkd. T 12 N R 17 E S 21 B T

Land, rolling.
Soil, sandy loam to rocky, 1st. to 4th. rate.
Timber, juniper, yellow pine, pinyon and oak.
Undergrowth, same.

N.89°57'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

79.72 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

S.89°57'W., on a true line bet. secs. 22 and 27.

Over rolling land, through heavy timber.

5.60 Draw, course SE.

25.80 Road, bears NE. and SW.

28.80 Head of draw, course NW.

31.30 Desc. 50 ft. over W. slope.

36.90 Gully, 2 ft. wide, course NW.

39.86 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 mkd.

¼	S 22

	S 27
	1936

from which

A pinyon, 10 ins. diam., bears N.70°W., 17 lks. dist. mkd. ¼ S 22 B T

A pinyon, 6 ins. diam., bears S.75°W., 16 lks. dist. mkd. ¼ S 27 B T

Desc. 40 ft. over SW. slope.

46.50 Draw, course NW.

50.30 Desc. 40 ft. over W. slope.

59.10 Draw, course NE.

71.50 Draw, course SE.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains Asc. 45 ft. over E. slope.
 77.50 Top of ascent. Desc. slightly.
 78.72 Fence, bears N.6°E. and S.6°W.
 79.72 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling.
 Soil, gravelly and rocky, 3rd. and 4th. rate.
 Timber, pinyon, juniper, pine and oak; undergrowth, same.

N.0°15'W., bet. secs. 21 and 22.

Over rolling land, through juniper and pinyon. Asc. SW. slope 32 ft.

1.90 Spur, slopes SE.; desc.
 7.90 Draw, course SE.
 24.40 Old highway, bears NE. and SW.
 34.70 Fence, bears N.30°W. and S.30°E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
 S 21 | S 22
 1936

from which

A juniper, 10 ins. diam., bears S.64 $\frac{1}{4}$ °E., 73 lks. dist. mkd. $\frac{1}{4}$ S 22 B T

A juniper, 10 ins. diam., bears N.41°W., 82 lks. dist. mkd. $\frac{1}{4}$ S 21 B T

Cor. No. 2, HES. No. 552 bears S.7°21'W., 3.37 chs. dist.; an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.

62.40 Dim road, bears NE. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

T12N R17E
 S 16 | S 15
 S 21 | S 22
 1936

from which

A pinyon, 10 ins. diam., bears N.45 $\frac{3}{4}$ °E., 19 lks. dist. mkd. T 12 N R 17 E S 15 B T

A pinyon, 8 ins. diam., bears S.56 $\frac{1}{4}$ °E., 113 lks. dist. mkd. T 12 N R 17 E S 22 B T

A juniper, 12 ins. diam., bears S.52°W., 22 lks. dist. mkd. T 12 N R 17 E S 21 B T

A pinyon, 12 ins. diam., bears N.18 $\frac{1}{2}$ °W., 23 lks. dist. mkd. T 12 N R 17 E S 16 B T

Chains	Land, rolling. Soil, gravelly, 3rd. rate. Timber, juniper, pinyon and oak; undergrowth, same.
	N.89°57'E., on a random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.64	A point 4 lks. N. of the cor. of secs. 14, 15, 22 and 23. Thence
	S.89°59'W., on a true line bet. secs. 15 and 22. Over rolling land, through heavy timber.
1.00	Wash, course NE.; asc. 95 ft. over broken E. slope.
12.20	Top of ascent
33.43	Old highway, bears NE. and SW.
39.82	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 mkd.
	$\frac{1}{4}$ S 15 ----- S 22 1936
	from which
	A juniper, 36 ins. diam., bears N.54 $\frac{3}{4}$ °W., 99 lks. dist. mkd. $\frac{1}{4}$ S 15 B T
	A juniper, 12 ins. diam., bears S.52 $\frac{3}{4}$ °E., 72 lks. dist. mkd. $\frac{1}{4}$ S 22 B T
41.65	Draw, course NE.; asc. slightly.
60.00	Over nearly level land.
79.64	The cor. of secs. 15, 16, 21 and 22. Land, rolling. Soil, gravelly and rocky, 3rd. and 4th. rate. Timber, juniper, pinyon, pine and oak; undergrowth, same.
	N.0°15'W., bet. secs. 15 and 16. Over gently rolling land, through heavy timber.
10.50	Fence, bears E. and W.
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 mkd.
	$\frac{1}{4}$ S 16 S 15 ----- 1936
	from which
	A pinyon, 8 ins. diam., bears S.80°E., 89 lks. dist. mkd. $\frac{1}{4}$ S 15 B T
	A juniper, 14 ins. diam., bears S.77 $\frac{1}{2}$ °W., 7 lks. dist.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains mkd. $\frac{1}{4}$ S 16 B T

61.50 Desc. gentle N. slope.

67.90 Highway, bears NE. to Holbrook and SW. to Heber.

68.60 Wash, 5 ft. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.

T12N	R17E
S 9	S 10
S 16	S 15

1936

from which

A pinyon, 6 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ E., 105 lks. dist.
mkd. T 12 N R 17 E S 10 B T

A yellow pine, 30 ins. diam., bears S. 5° W., 139 lks.
dist., mkd. T 12 N R 17 E S 16 B T

A yellow pine, 36 ins. diam.; bears N. $70\frac{1}{2}^{\circ}$ W., 156 lks.
dist., mkd. T 12 N R 17 E S 9 B T

Land, rolling.

Soil, gravelly, 3rd. rate.

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

N. $89^{\circ}59'$ E., on a random line bet. secs. 10 and 15.

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

79.82 A point 12 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence

N. $89^{\circ}56'$ W., on a true line bet. secs. 10 and 15.

Over rolling land, through juniper and pinyon. Asc. slightly.

3.30 Desc. slightly over broken W. slope.

18.80 Swale, drains S.; asc. 80 ft. over SE. slope.

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

$\frac{1}{4}$	S 10
----	S 15
	1936

from which

A juniper, 14 ins. diam., bears North, 8 lks. dist.
mkd. $\frac{1}{4}$ S 10 B T

A juniper, 8 ins. diam., bears S. 10° E., 20 lks. dist.
mkd. $\frac{1}{4}$ S 15 B T

Desc. gentle NW. slope.

46.80 Draw, course NE.; asc. gentle SE. slope.

56.00 Low ridge, bears NE. and SW.; desc. 85 ft. over broken W. slope.

Chains	
73.92	Highway, bears NE. to Holbrook and SW. to Heber.
79.82	The cor. of secs. 9, 10, 15 and 16. Land, rolling. Soil, gravelly and rocky, 3rd. and 4th. rate. Timber, juniper, pinyon and pine; undergrowth, same.
	N.0°13'W., on a random line bet. secs. 9 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
86.18	A point 44 lks. E. 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°13'W., on a true line bet. secs. 9 and 10. Over rolling land, through scattering timber.
10.00	Asc. gentle SW. slope.
24.60	N. bdy. of stock drive, 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: $\begin{array}{c} \frac{1}{4} \\ \text{S } 9 \mid \text{S } 10 \\ 1936 \end{array}$ from which A juniper, 10 ins. diam., bears N.2°E., 49 lks. dist., mkd. $\frac{1}{4}$ S 10 B T A pinyon, 6 ins. diam., bears S.84°W., 53 lks. dist. mkd. $\frac{1}{4}$ S 9 B T
49.00	Leave timber, bears NE. and SW.
52.40	Enter timber, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 4 and 5 of sec. 10, and lots 1 and 8 of sec. 9, with brass cap mkd. $\begin{array}{c} \text{S } 9 \mid \frac{1}{4} \\ \quad \quad \quad \frac{8}{5} \\ \quad \quad \quad 1936 \end{array}$ from which A pinyon, 6 ins. diam., bears N.1 $\frac{1}{2}$ °E., 70 lks. dist. mkd. LOT 4 S 4 B T A juniper, 12 ins. diam., bears N.31°W., 46 lks. dist. mkd. LOT 1 S 9 B T
86.18	Intersect the S. bdy. of sec. 3. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 9 and 10, with brass cap mkd.

Chains

$$\begin{array}{r} S\ 3 \\ \hline S\ 9\ S\ 10 \\ T12N\ R17E \\ C\ C \\ 1936 \end{array}$$

from which

A pinyon, 8 ins. diam., bears S.49½°E., 68 lks. dist. mkd. T 12 N R 17 E S 10 C C B T

A pinyon, 12 ins. diam., bears S.54½°W., 107 lks. dist. mkd. T 12 N R 17 E S 9 C C B T

From this point, the old cor. of secs. 3, 4, 9 and 10, bears N.89°53'W., 44 lks., dist.; an iron post, 2 ins. diam. 12 ins. above ground, mkd. and witnessed as described in the official record. As this cor. now refers to secs. 3 and 4 only, I alter marks on brass cap to read

$$\begin{array}{r} T12N\ R17E \\ S\ 4\ S\ 3 \\ \hline S\ 9 \\ 1917 \end{array}$$

from which

A pinyon, 6 ins. diam., bears N.33°E., 61 lks. dist. mkd. T 12 N R 17 E S 3 B T

A pinyon, 10 ins. diam., bears N.58½°W., 93 lks. dist., mkd. T 12 N R 17 E S 4 B T

I obliterate the marks on the old bearing trees SE. and SW. of cor.

From the same point, the ¼ sec. cor. of secs. 3 and 10 bears S.89°53'E., 39.51 chs. dist.; an iron post, 1 in. dia., 10 ins. above ground, mkd. and witnessed as described in the official record.

Land, rolling.
Soil, sandy loam and gravelly, 1st. and 3rd. rate.
Timber, juniper, pinyon and pine; undergrowth, same.

At the mid-point of N. bdy. of sec. 10,

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for ¼ sec. cor. of sec. 10 only, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4}\ S\ 10 \\ \hline 1936 \end{array}$$

from which

A juniper fork, 4 ins. diam., bears S.45°E., 13 lks. dist., mkd. ¼ S 10 B T

A pinyon, 6 ins. diam., bears S.41°W., 43 lks. dist. mkd. ¼ S 10 B T (This is one of the old bearing trees)

From this point, the old ¼ sec. cor. of secs. 3 and 10, bears N.89°53'W., 24 lks. dist. As this cor. now refers to sec. 3 only, I alter marks on brass cap to read

$$\begin{array}{r} \frac{1}{4}\ S\ 3 \\ \hline 1917 \end{array}$$

from which

Subdivision of T.12 N., R.17 E.

Chains	<p>The original pinyon, 10 ins. diam., bears N.51°E., 112 lks. dist., mkd. $\frac{1}{4}$ S 3 B T</p> <p>From the same point, the cor. of secs. 2, 3, 10 and 11, bears S.89°53'E., 39.75 chs. dist.; hereinbefore described.</p>
	<p>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. 17 E., surveyed under this group,</p> <p>N.0°15'W., bet. secs. 32 and 33.</p> <p>Over rolling land, through yellow pine and juniper. Desc. gradual N. slope 86 ft. to $\frac{1}{4}$ sec. cor.</p>
10.10	Telephone line, bears NE. and SW.
12.25	Highway, bears NW. to Heber and SE. to Clay Springs.
23.85	Road, bears NE. and SW.
24.40	Fence, bears E. and W., on line 2-3 of HES. No.181.
	<p>From this point, cor. No.2 of HES. No.181, bears S.89°53'E., 6.62 chs. dist.; a sandstone 25x14x5 ins., marked and witnessed as described in the official record.</p>
25.85	A house, about 20x25 ft., bears W. 50 lks. dist.
26.55	Cor. of fences, bearing S. and W.
28.80	Small reservoir, 1 ch. wide.
35.00	Fence, bears NE. and SW.; leave timber and enter field.
39.27	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>W C $\frac{1}{4}$ S 32 S. 33 1936</p>
	<p style="text-align: right;">from which</p> <p>A yellow pine, 12 ins. diam., bears S.38$\frac{3}{4}$°E., 350 lks. dist., mkd. W C $\frac{1}{4}$ S 33 B T.</p> <p>A yellow pine, 24 ins. diam., bears N.88°W., 778 chs. dist., mkd. W C $\frac{1}{4}$ S 32 B T</p> <p>U.S.L.M. No.180, bears N.77°07'E., 48.53 chs. dist.</p>
39.30	Fence, bears E. and W.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in grain field.
	Over nearly level field.
51.00	Leave field.
57.00	Open draw, bears E. and W. Asc. 53 ft. over gentle S. slope.
67.00	Enter timber, bears E. and W.
68.60	Intersect line 1-8 of HES. No. 181.
	From this point, cor. No.1 of HES. No.181, identical

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains with cor. No.6 of HES. No.180, bears S.89°55'E., 7.05 chs. dist.; a sandstone 16x12x4 ins. above ground, marked and witnessed as described in the official record.

68.70 Fence, bears E. and W.

75.00 Over E. 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. 28, 29, 32 and 33, with brass cap mkd.

T12N R17E
S 29 | S 28
S 32 | S 33
1936

from which

A pine, 10 ins. diam., bears N.70½°E., 80 lks. dist. mkd. T 12 N R 17 E S 28 B T

A pine, 4 ins. diam., bears S.71½°E., 92 lks. dist. mkd. T 12 N R 17 E S 33 B T

A pine, 20 ins. diam., bears S.35°W., 68 lks. dist. mkd. T 12 N R 17 E S 32 B T

A pine, 16 ins. diam., bears N.79½°W., 44 lks. dist. mkd. T 12 N R 17 E S 29 B T

Land, rolling.

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

Timber, pine, juniper and pinyon; undergrowth, same.

N.89°55'E., on a random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

80.36 A point 9 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence.

S.89°51'W., on a true line bet. secs. 28 and 33.

Over rolling land, through pine, juniper and pinyon. Asc. NE. slope 42 ft.

12.00 Top of ascent, bears SE. and NW.; desc. 100 ft. over SW. slope..

26.57 Old line of fence posts, bears SE. and NW.

26.17 Intersect line 10-11 of HES. No. 180.

From this point, cor. No.10, bears N.44°52'W., 2.41 chs. dist.; a limestone 26x12x6 ins. mkd. and witnessed as described in the official record.

Draw; course N.20°E.; asc. 64 ft. over SE. slope.

28.69 Intersect line 9-10 of HES. No. 180.

From this point, cor. No.10 bears N.25°28'E., 1.89 chs. dist.; cor. as described in the official record.

31.86 Old line of fence posts, bears N. and S.

40.18 Set an iron post, 3 ft. long, 1 in. diam., on solid rock, supported in a mound of stone, for ¼ sec. cor. with brass

Chains	cap mkd.	
		$\begin{array}{r} S\ 28 \\ \frac{1}{4} \text{ ----} \\ S\ 33 \\ 1936 \end{array}$
		from which
		A juniper, 6 ins. diam., bears N.62 $\frac{1}{2}$ °E., 22 lks. dist. mkd. $\frac{1}{4}$ S 28 B T
		A juniper, 6 ins. diam., bears S.71 $\frac{1}{4}$ °E., 30 lks. dist. mkd. $\frac{1}{4}$ S 33 B T
66.46	Trail, bears N.10°E. and S.10°W.	
80.36	The cor. of secs. 28, 29, 32 and 33.	
	Land, rolling. Soil, rocky and gravelly, 2nd. and 3rd. rate. Timber, pine, juniper, and pinyon; undergrowth, same.	
	N.0°15'W., bet. secs. 28 and 29.	
	Over rolling land, through pine, juniper and pinyon. Asc. gentle SE. slope.	
17.75	Top of ascent; desc. gradual NW. slope.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.	
		$\begin{array}{r} \frac{1}{4} \\ S\ 29 \mid S\ 28 \\ 1936 \end{array}$
		from which
		A juniper, 7 ins. diam., bears N.84 $\frac{1}{2}$ °E., 126 lks. dist. mkd. $\frac{1}{4}$ S 28 B T
		A juniper, 4 ins. diam., bears N.68°W., 65 lks. dist. mkd. $\frac{1}{4}$ S 29 B T
	Over slightly rolling N. slope.	
74.30	Road, bears NE. and SW.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, and in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.	
		$\begin{array}{r} T12N\ R17E \\ S\ 20 \mid S\ 21 \\ \hline S\ 29 \mid S\ 28 \\ 1936 \end{array}$
		from which
		A juniper, 5 ins. diam., bears N.68 $\frac{1}{4}$ °E., 110 lks. dist. mkd. T 12 N R 17 E S 21 B T
		A juniper, 7 ins. diam., bears S.73 $\frac{1}{4}$ °E., 146 lks. dist. mkd. T 12 N R 17 E S 28 B T
		A juniper, 16 ins. diam., bears S.86°W., 121 lks. dist. mkd. T 12 N R 17 E S 29 B T
		A juniper, 8 ins. diam., bears N.7°W., 129 lks. dist. mkd. T.12 N R 17 E S 20 B T

Subdivision of T.12N., R.17 E.

BOOK 4116

Chains	Land, rolling. Soil, gravelly, 2d and 3d rate. Timber, pine, juniper and pinyon; undergrowth, same.
	----- N.89°51'E., on a random line bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.38	A point 2 lks. S. of the cor. of secs. 21, 22, 27 and 28. Thence S.89°50'W., on true line bet. secs. 21 and 28. Over rolling land through yellow pine, juniper and pinyon.
.67	Draw, course SE.; asc. 80 ft. over NE. slope.
13.00	Top of ascent; desc. 47 ft. over rolling NW. slope.
39.57	Trail, bears SE. and NW.
40.19	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S\ 21 \\ \frac{1}{4} \text{---} \\ S\ 28 \\ 1936 \end{array}$
	from which
	A juniper, 6 ins. diam., bears S.3 $\frac{1}{2}$ °E., 71 lks. dist., mkd. $\frac{1}{4}$ S 28 B T
	A juniper, 8 ins. diam., bears N.23 $\frac{1}{4}$ °W., 171 lks. dist., mkd. $\frac{1}{4}$ S 21 B T
44.90	Wide draw, drains NW.; asc. 57 ft. to cor.
71.18	Road, bears NE. and SW.
80.38	The cor. of secs. 20, 21, 28 and 29. Land, rolling. Soil, rocky and gravel, 2d and 3d rate. Timber, pine, juniper and pinyon; undergrowth, same.
	----- N.0°15'W., bet. secs. 20 and 21. Over rolling land, through pine, juniper and pinyon.
8.00	Old road, bears NE. and SW.
19.40	Trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \\ S\ 20 \mid S\ 21 \\ 1936 \end{array}$
	from which
	A yellow pine, 14 ins. diam., bears S.34 $\frac{3}{4}$ °E., 192 lks. dist., mkd. $\frac{1}{4}$ S 21 B T
	A yellow pine, 14 ins. diam., bears S.66 $\frac{1}{2}$ °W., 90 lks. dist., mkd. $\frac{1}{4}$ S 20 B T
47.30	Road, bears SE. and NW.
76.90	Highway, bears NE. and SW.
77.90	Draw, drains NE.

Subdivision of T. 12 N., R. 17 E.

Chains
80.00

Set, an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

T12N	R17E
S 17	S 16
S 20	S 21
1936	

from which

A yellow pine, 10 ins. diam., bears N.76°E., 292 lks. dist., mkd. T 12 N R 17 E S 16 B T

A juniper, 8 ins. diam., bears S.32°E. 422 lks. dist., mkd. T 12 N R 17 E S 21 B T

A yellow pine, 12 ins. diam., bears S.0°30'W., 137 lks. dist., mkd. T 12 N R 17 E S 20 B T

A yellow pine, 30 ins. diam., bears N.12½°W., 185 lks. dist., mkd. T.12 N R 17 E S 17 B T

Land. gently rolling.
Soil, gravelly and rocky, 2d and 3d rate.
Timber, juniper, pinyon and yellow pine; undergrowth, same.

N.89°50'E., on a random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.44 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

S.89°50'W., on true line bet. secs. 16 and 21.

Over: Over rolling land, through juniper, pinyon and pine; desc. gradually.

15.15 Draw, drains SW., asc.

21.00 Top of ascent; desc. 55 ft. over SW. slope.

29.48 Intersect line 1-2 of H.E.S. No. 552.

From this point, cor. No. 1 bears N.33°54'W., 5.77 chs. dist.; a limestone outcrop, mkd. and witnessed as described in the official record.

Cor. No. 2 bears S.33°54'E., 57.96 chs. dist., hereinbefore described.

From cor. No. 2, cor. No. 3 bears S.69°00'W., 44.25 chs. dist.; a limestone boulder 36x14x4 ins. above ground, mkd. and witnessed as described in the official record.

30.94 Draw, course N. 20° W.; asc. gradual NE. slope.

36.44 House, 40 x 20 ft., bears S. 150 lks. dist.

35.19 Intersect line 4-1 of H.E.S. No. 552.

From this point, cor. No. 1 bears N.27°28'E., 5.41 chs. dist.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains

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

$\frac{1}{4}$ S 16

S 21
1936

from which

A yellow pine, 24 ins. diam., bears N. $37\frac{1}{2}^{\circ}$ E., 277 lks. dist.; mkd. $\frac{1}{4}$ S 16 B T

A juniper fork, 10 ins. diam., bears S. $58\frac{3}{4}^{\circ}$ E., 122 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

40.64 Barn and corral, bear S. 1 ch. dist.

41.14 Fence, bears NE. and SW.

47.44 Road, bears N. and S.

68.24 Highway, bears NE. and SW.

70.40 Draw, course NE.

72.24 U.S.B.M. bears S. 6 lks. dist.

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

Land, rolling.
Soil, rocky and gravelly, 2nd. and 3rd. rate.
Timber, juniper, pinyon and yellow pine; undergrowth, same.

N. $0^{\circ}15'W.$, bet. secs. 16 and 17.

Over rolling land, through juniper, pinyon and pine. Asc. gradual SE. slope.

12.50 Slope changes to SW. Continue gradual ascent.

25.00 Top of ascent; desc. gradually.

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 17 | S 16
1936

from which

A juniper, 8 ins. diam., bears N. 65° E., 176 lks. dist. mkd. $\frac{1}{4}$ S 16 B T

A juniper, 6 ins. diam., bears S. 85° W., 39 lks. dist. mkd. $\frac{1}{4}$ S 17 B T

47.00 Trail, 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. 8, 9, 16 and 17, with brass cap mkd.

Chains

T12N R17E	
S 8	S 9

S 17	S 16
1936	

from which

A pinyon, 8 ins. diam., bears N.25°E., 55 lks. dist.
mkd. T 12 N R 17 E S 9 B T

A pinyon, 8 ins. diam., bears S.87½°E., 103 lks. dist.
mkd. T 12 N R 17 E S 16 B T

A cedar, 10 ins. diam., bears S.23½°W., 106 lks. dist.
mkd. T 12 N R 17 E S 17 B T

A pinyon, 8 ins. diam., bears N.54½°W., 45 lks. dist.
mkd. T 12 N R 17 E S 8 B T

Land, rolling.

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

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

N.89°50'E., on a random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.44 Intersect the cor. of secs. 9, 10, 15 and 16.

Thence

S.89°50'W., on a true line bet. secs. 9 and 16.

Over rolling land, through juniper and pinyon. Asc. E.
slope 76 ft. to

9.80 Spur, slopes SW.; desc. 30 ft.

15.40 Open draw, drains S.20°W.; asc. 80 ft. over gradual E.
slope.

15.63 Trail, bears N. and S.

40.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor. with brass cap mkd.

S 9	

¼ S 16	
1936	

from which,

A pinyon, 6 ins. diam., bears N.63°E., 33 lks. dist.
mkd. ¼ S 9 B T

A juniper, 12 ins. diam., bears S.41°E., 12 lks. dist.
mkd. ¼ S 16 B T

Continue gentle ascent.

45.50 Top of ascent; desc. gradually.

56.00 Open draw, course NE.; asc. 60 ft. over gentle NE. slope.

56.74 Trail, bears NE. and SW.

80.44 The cor. of secs. 8, 9, 16 and 17.

Land, rolling. Soil, sandy and gravel, 2nd. and 3rd. rate.
Timber, juniper and pinyon; undergrowth, same.

Subdivision of T.12 N., R.17 E.

E. 1/4 Sec. 8

- Chains N.0°13'W. on a random line bet. secs. 8 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 86.60 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 juniper and pinyon.
- 29.60 Head of draw, course NW.
- 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 8 | S 9
- 1936
- from which
- A pinyon, 10 ins. diam., bears S.83 $\frac{3}{4}$ °E., 143 lks. dist.
mkd. $\frac{1}{4}$ S 9 B T
- A pinyon, 6 ins. diam., bears S.56 $\frac{1}{4}$ °W., 30 lks. dist.
mkd. $\frac{1}{4}$ S 8 B T
- 45.00 Open draw, drains NE.
- 67.00 Desc. 50 ft. over gentle N. slope.
- 80.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, with a stone 8x6x4 ins. mkd. with a cross deposited at the base, and in a mound of stone to top, for cor. of Lots 4 and 5 of sec. 9, and Lots 1 and 8 of sec. 8, with brass cap mkd.
- S 8 | 1 | 4 | S 9
8 | 5
- 1936
- 86.60 The cor. of secs. 4, 5, 8 and 9, which is an iron post, 2 ins. diam., mkd. and witnessed as described in the official record.
- Land, rolling.
Soil, gravelly and sandy, 2nd. and 3rd. rate.
Timber, juniper and pinyon; undergrowth, same.
-
- East, on a random line bet. secs. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 A point 16 lks. N. of the cor. of secs. 3 and 4.
- Thence
- N.89°53'W., on a true line bet. secs. 4 and 9.
- Over gently rolling land, through juniper and pinyon.
- 25.00 Asc. gentle E. slope.

Chains	
35.00	Top of ascent, bears NE. and SW.
37.00	Desc. NW. slope.
40.04	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 mkd.
	$\frac{1}{4}$ S 4 ----- S 9 1936
	from which
	A juniper, 12 ins. diam., bears N. $9\frac{1}{2}^{\circ}$ E., 73 lks. dist. mkd. $\frac{1}{4}$ S 4 B T
	A pinyon, 12 ins. diam., bears S. 9° W., 37 lks. dist. mkd. $\frac{1}{4}$ S 9 B T
41.00	Draw, drains NE.
45.00	Asc. gentle NE. slope.
75.50	Top of ascent. Over level land.
80.08	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling. Soil, gravelly and rocky, 3rd. and 4th. rate. Timber, juniper and pinyon; undergrowth, same.
<hr/> 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.17 E., surveyed under this group. N. $0^{\circ}16'$ W., bet. secs. 31 and 32. Over gently rolling land, through yellow pine and juniper.	
7.40	Wire fence, bears E. and W.
28.30	Wash, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 31 S 32 1936
	from which
	A yellow pine, 12 ins. diam., bears N. $13\frac{1}{2}^{\circ}$ E., 48 lks. dist., mkd. $\frac{1}{4}$ S 32 B T
	A juniper, 18 ins. diam., bears S. $50\frac{1}{4}^{\circ}$ W., 36 lks. dist. mkd. $\frac{1}{4}$ S 31 B T
53.40	Wash, course NE.
72.60	Telephone line, bears SE. to Clay Springs and NW. to Heber
73.70	Highway, bears SE. to Clay Springs and NW. to Heber.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

Subdivision of T.12 N.,R.17 E.

BOOK 4116

Chains

T12N R17E	
S 30	S 29
S 31	S 32
1936	

from which

A yellow pine, 14 ins. diam., bears N.32 $\frac{1}{4}$ °E., 198 lks. dist., mkd. T 12 N R 17 E S 29 B T

A yellow pine, 16 ins. diam., bears S.71 $\frac{1}{2}$ °E., 145 lks. dist., mkd. T 12 N R 17 E S 32 B T

A yellow pine, 10 ins. diam., bears S.31°W., 138 lks. dist., mkd. T 12 N R 17 E S 31 B T

A yellow pine, 8 ins. diam., bears N.52 $\frac{3}{4}$ °W., 48 lks. dist., mkd. T 12 N R 17 E S 30 B T

Land, gently rolling.
Soil, gravelly, 2nd. and 3rd. rate.
Timber, yellow pine and scattering juniper.
Undergrowth, same.

N.89°55'E., on a random line bet. secs. 29 and 32.

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

80.04 A point 24 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N.89°55'W., on a true line bet. secs. 29 and 32.

Over gently rolling land, through yellow pine.

20.04 Fence, bears S.80°E. and N.80°W.

19.53 Intersect line 9-10 of HES. No.460.

From this point, cor. No.10 bears S.75°59'E., 6.27 chs. dist.; a limestone 28x10x8 ins., mkd. and witnessed as described in the official record.

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

S 29
$\frac{1}{4}$ ----
S 32
1936

from which

A yellow pine, 8 ins. diam., bears N.10 $\frac{1}{2}$ °W., 223 lks. dist., mkd. $\frac{1}{4}$ S 29 B T

A yellow pine, 36 ins. diam., bears S.28 $\frac{3}{4}$ °E., 111 lks. dist., mkd. $\frac{1}{4}$ S 32 B T

41.63 Cor. No.5, HES. No.460, bears S., 30 lks. dist.; a limestone 30x12x5 ins. mkd. and witnessed as described in the official record.

43.13 Fence, bears NW. and SE.

74.25 Fence, bears SE. and NW.

74.27 Intersect line 6-7 of HES. No.460.

From this point, cor. No.6, bears S.25°32'E., 38 lks.

Chains	dist.; a limestone 15x12x10 ins. above ground, mkd. and witnessed as described in the official record.
76.75	Road, bears SE. and NW.
80.04	The cor. of secs. 29, 30, 31 and 32. Land, gently rolling. Soil, gravelly loam, 2nd. and 3rd. rate. Timber, yellow pine and scattering juniper; undergrowth, 2nd. growth pine and juniper.
	S.89°55'W., on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.28	A point 26 lks. S. of the cor. of secs. 25, 30, 31 and 36 on W. bdy. of Tp., described in the field notes of the E. bdy. of T.12 N., R.16 E., surveyed under this group. Thence S.89°54'E., on a true line bet. secs. 30 and 31. Over gently rolling land, through pine, juniper, pinyon and oak.
11.30	Draw, drains N.
18.90	Head of draw, drains N.
38.28	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 30 ----- S 31 1936 from which An oak, 10 ins. diam., bears N.12°W., 56 lks. dist. mkd. $\frac{1}{4}$ S 30. B T An oak, 12 ins. diam., bears S.29 $\frac{1}{2}$ °W., 60 lks. dist. mkd. $\frac{1}{4}$ S. 31 B T
69.98	Telephone line, bears NE. and SW.
70.28	Road, bears SE. and NW.
78.28	The cor. of secs. 29, 30, 31 and 32. Land, gently rolling. Soil, sandy loam to rocky, 1st. to 4th. rate. Timber, pine, juniper, pinyon and oak; undergrowth, same.
	N.0°16'W., bet. secs. 29 and 30. Over gently rolling land, through yellow pine and scattering juniper.
3.40	Road, bears SE. and NW.
11.70	Road, bears SE. and NW.
12.24	Fence, bears S.30°E. and N.30°W.
12.26	Intersect line 6-7 of HES. No. 460.

Subdivision of T.12 N., R.17 E.

BOOK 4116

- Chains From this point, cor. No.7 bears N.25°32'W., 8.09 chs. dist.; a limestone 10x5x5 ins. above ground, mkd. with a cross on top and 7 HES 460 on E. face, from which
- A yellow pine, 24 ins. diam., bears S.21°40'W., 59 lks. dist., mkd. 7 HES 460 B T
- A yellow pine, 30 ins. diam., bears N.18°40'W., 17 lks. dist., mkd. 7 HES 460 B T
- 16.90 Vacant house, bears W.; 2.05 chs. dist.
- 26.50 Fence, bears NE. and SW.
- 26.61 Intersect line 7-8 of HES. No.460.
- From this point, cor. No.7 bears S.25°52'W., 7.86 chs. dist., described above.
- 28.50 Road, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, and in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- $\frac{1}{4}$
S 30 | S 29
1936
- from which
- A yellow pine, 10 ins. diam., bears N.20°E., 114 lks. dist., mkd. $\frac{1}{4}$ S 29 B T
- A yellow pine, 18 ins. diam., bears N.59 $\frac{3}{4}$ °W., 69 lks. dist., mkd. $\frac{1}{4}$ S 30 B T
- 69.80 Road, bears NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.
- T12N R17E
S 19 | S 20
S 30 | S 29
1936
- from which
- A yellow pine, 22 ins. diam., bears N.14 $\frac{1}{2}$ °E., 102 lks. dist., mkd. T 12 N R 17 E S 20 B T
- A yellow pine, 18 ins. diam., bears S.14 $\frac{3}{4}$ °E., 68 lks. dist., mkd. T 12 N R 17 E S 29 B T
- A yellow pine, 20 ins. diam., bears S.53 $\frac{3}{4}$ °W., 74 lks. dist., mkd. T 12 N R 17 E S 30 B T
- A yellow pine, 24 ins. diam., bears N.20 $\frac{1}{4}$ °W., 107 lks. dist., mkd. T 12 N R 17 E S 19 B T
- Land, gently rolling.
Soil, gravelly, 2nd. and 3rd. rate.
Timber, yellow pine and scattering juniper.
Undergrowth, 2nd. growth pine and juniper.

Chains	S. 89° 55' E., on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	A point 14 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	S. 89° 59' W., on a true line bet. secs. 20 and 29.
	Over gently rolling land, through juniper, yellow pine and pinyon.
34.20	Road, bears NE. and W.
40.04	Point for $\frac{1}{4}$ sec. cor. falls in road.
	Deposit a stone 6x6x4 ins. mkd. with a cross (X) 12 ins. in the ground, from which for $\frac{1}{4}$ sec. cor.
	A yellow pine, 20 ins. diam., bears N. 14 $\frac{1}{2}$ ° W., 128 lks. dist., mkd. $\frac{1}{4}$ S 20 B T
	A yellow pine, 20 ins. diam., bears S. 12° E., 73 lks. dist., mkd. $\frac{1}{4}$ S 29 B T
	North, 25 lks. dist., set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, for witness cor., with brass cap mkd. $\frac{1}{4}$ sec.
	S 20 $\frac{1}{4}$ ---- S 29 W C 1936
63.40	Road, bears NE. and SW.
80.08	The cor. of secs. 19, 20, 29 and 30.
	Land, gently rolling. Soil, sandy loam, 1st. rate. Timber, juniper, yellow pine and pinyon; undergrowth, same.
	N. 89° 54' W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.06	A point 32 lks. N. of the cor. of secs. 19, 24, 25 and 30 on W. bdy. of Tp., described in the field notes of the E. bdy. of T.12 N., R.16 E., surveyed under this group.
	Thence
	N. 89° 52' E., on a true line bet. secs. 19 and 30.
	Over gently rolling land, through yellow pine, juniper and pinyon.
15.00	Corral, bears S., 1.20 chs. dist.
19.36	Telephone line, bears N. and S.
19.76	Road, bears NW. to Heber and SE. to Clay Springs.
29.46	Road, bears N. and S.
32.00	Draw, drains N.
38.06	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.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains

S 19
1/4 ----
S 30
1936

from which

A yellow pine, 20 ins. diam., bears N.57°E., 126 lks.
mkd. 1/4 S 19 B T

A yellow pine, 24 ins. diam., bears S.19°W., 94 lks.
dist., mkd. 1/4 S 30 B T

40.86 Draw, drains N.

43.00 Desc. gentle NE. slope.

55.36 Draw, drains N.; asc. gentle W. slope.

63.00 Top of ascent.

78.06 The cor. of secs. 19, 20, 29 and 30.

Land, gently rolling.
Soil, sandy loam, 1st. rate.
Timber, yellow pine, juniper and pinyon; undergrowth, same.

N.0°16'W., bet. secs. 19 and 20.

Over gently rolling land, through yellow pine and juniper.

36.80 Highway, bears NE. to Holbrook and SW. to Heber.

38.80 Old road, bears NE. and SW.

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

1/4
S 19 | S 20
1936

from which

A yellow pine, 12 ins. diam., bears N.37 1/2°E., 56 lks.
dist., mkd. 1/4 S 20 B T

A yellow pine, 7 ins. diam., bears S.9 1/4°W., 120 lks.
dist., mkd. 1/4 S 19 B T

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. 17, 18, 19 and 20, with brass cap mkd.

T12N R17E
S 18 | S 17
S 19 | S 20
1936

from which

A yellow pine, 6 ins. diam., bears N.63 3/4°E., 32 lks.
dist., mkd. T 12 N R 17 E S 17 B T

A yellow pine, 15 ins. diam., bears S.52°E., 69 lks.
dist., mkd. T 12 N R 17 E S 20 B T

A juniper, 15 ins. diam., bears S.81°W., 76 lks. dist.
mkd. T 12 N R 17 E S 19 B T

Chains	A yellow pine, 6 ins. diam., bears N.67 $\frac{1}{2}$ °W., 99 lks. dist., mkd. T 12 N R 17 E S 18 B T
	Land, gently rolling. Soil, gravelly, 2nd. and 3rd. rate. Timber, yellow pine and scattering juniper; undergrowth, same.
	N.89°59'E., on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.28	A point 33 lks. S. of the cor. of secs. 16, 17, 20 and 21. Thence
	S.89°45'W., on a true line bet. secs. 17 and 20.
	Over gently rolling land, through yellow pine, juniper and pinyon.
40.14	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 17 ----- S 20 1936
	from which,
	A juniper, 12 ins. diam., bears N.11 $\frac{1}{2}$ °E., 7 lks. dist. mkd. $\frac{1}{4}$ S 17 B T
	A juniper, 24 ins. diam., bears S.34 $\frac{1}{2}$ °E., 91 lks. dist. mkd. $\frac{1}{4}$ S 20 B T
52.00	North bdy. of stock drive, bears NE. and SW.
80.28	The cor. of secs. 17, 18, 19 and 20. Land, gently rolling. Soil, sandy loam to gravelly, 1st. to 3rd. rate. Timber, pinyon, juniper and yellow pine; undergrowth, same.
	S.89°52'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.01	A point 7 lks. S. of the cor. of secs. 13, 18, 19 and 24 on W. bdy. of Tp. described in the field notes of the E. bdy. of T.12 N.,R.16 E., surveyed under this group. Thence
	N.89°55'E., on a true line bet. secs. 18 and 19.
	Over rolling land, through dense juniper and scattering yellow pine.
2.00	Desc. NE. slope.
5.70	Draw, drains N.; asc. NW. slope.
9.10	Spur, slopes NW.; desc. NE. slope.
19.00	Draw, drains NW.; asc. 74 ft. over general SW. slope.
37.86	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.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains

S 18
 $\frac{1}{4}$ ---- WC
 S 19
 1936

from which

A yellow pine, 10 ins. diam., bears N. $36\frac{3}{4}^{\circ}$ E., 91 lks. dist., mkd. W C $\frac{1}{4}$ S 18 B T

A yellow pine, 8 ins. diam., bears S. 11° E., 96 lks. dist., mkd. W C $\frac{1}{4}$ S 19 B T

38.01 True point for $\frac{1}{4}$ sec. cor. falls in arroyo, 6 ft. deep, 20 lks. wide, course SW.

Asc. 53 ft.

46.40 Top of ascent.

50.80 Small drain, course NW.; asc. 60 ft. over SW. slope.

57.00 Top of ascent; over mesa.

78.01 The cor. of secs. 17, 18, 19 and 20.

Land, rolling.

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

Timber, juniper and yellow pine; undergrowth, same.

N. 0° 16' W., bet. secs. 17 and 18.

Over gently rolling land, through scattering yellow pine and dense juniper.

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

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

from which

A juniper, 6 ins. diam., bears S. $76\frac{1}{2}^{\circ}$ E., 14 lks. dist. mkd. $\frac{1}{4}$ S 17 B T

A yellow pine, 9 ins. diam., bears S. $22\frac{1}{2}^{\circ}$ W., 9 lks. dist., mkd. $\frac{1}{4}$ S 18 B T

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

T12N R17E
 S 7 | S 8
 S 18 | S 17
 1936

from which

A juniper, 6 ins. diam., bears N. 24° E., 39 lks. dist. mkd. T 12 N R 17 E S 8 B T

A yellow pine, 5 ins. diam., bears S. $51\frac{1}{2}^{\circ}$ E., 43 lks. dist., mkd. T 12 N R 17 E S 17 B T

A juniper, 6 ins. diam., bears S. $23\frac{1}{4}^{\circ}$ W., 49 lks. dist. mkd. T 12 N R 17 E S 18 B T

A juniper, 8 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ W., 35 lks. dist.

Chains	mkd. T 12 N R 17 E S 7 B T
	Land, gently rolling. Soil, sandy and gravelly, 2nd. and 3rd. rate. Timber, juniper and yellow pine; undergrowth, same.
	N.89°45'E., on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	A point 16 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence S.89°52'W., on a true line bet. secs. 8 and 17. Over gently rolling land, through dense juniper and scattering yellow pine.
23.60	Drain, course N.; asc. 57 ft. over E. slope.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 8 ----- S 17 1936
	from which
	A yellow pine, 9 ins. diam., bears N.70 $\frac{1}{2}$ °W., 70 lks. dist., mkd. $\frac{1}{4}$ S 8 B T
	A yellow pine, 6 ins. diam., bears S.71 $\frac{1}{4}$ °W., 85 lks. dist., mkd. $\frac{1}{4}$ S 17 B T
	Continue over gently rolling land.
80.14	The cor. of secs. 7, 8, 17 and 18. Land, gently rolling. Soil, gravelly and rocky, 3rd. and 4th. rate. Timber, juniper and yellow pine; undergrowth, same.
	S.89°55'W., on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.96	A point, 11 lks. N. of the cor. of secs. 7, 12, 13 and 18, on W. bdy. of Tp., described in the field notes of the E. bdy. of T.12 N., R.16 E., surveyed under this group. Thence N.89°50'E., on a true line bet. secs. 7 and 18. Over broken land, through dense juniper and scattering yellow pine. Asc. W. slope 66 ft.
4.50	Spur, slopes N.; desc. 36 ft.
6.80	Draw, course N.; asc. 37 ft.
8.80	Spur, slopes N.; desc.
11.00	Draw, course NW.; asc. 56 ft. over NW. slope.
18.20	Spur, slopes N.; desc. 56 ft.

Subdivision of T.12 N., R.17 E.

BOOK 4116

Chains
 24.70 Draw, course N.; asc. 100 ft. over NW. slope.
 34.00 Top of ascent.
 37.96 Set an iron post, 3 ft. long, 1 in. diam., 22 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, 6 ins. diam., bears N.15°W., 16 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

A yellow pine, 12 ins. diam., bears S.2°E., 44 lks. dist., mkd. $\frac{1}{4}$ S 18 B T

Desc. 57 ft. over E. slope.

44.50 Draw, course N.; asc. 85 ft.
 51.80 Broad spur, slopes N.; desc. 123 ft.
 55.50 Draw, course N.75°E.
 67.90 Wash, 10 lks. wide, 3 ft. deep, course N.; asc. 113 ft. over W. slope.
 77.96 The cor. of secs. 7, 8, 17 and 18.

Land, rolling mountainous.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, juniper and yellow pine; undergrowth, same.

N.0°16'W., on a random line bet. secs. 7 and 8.

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

86.86 A point 3 lks. E. of the cor. of secs. 5, 6, 7 and 8.
 I return to the cor. of secs. 7, 8, 17 and 18,
 Thence

N.0°17'W., on a true line bet. secs. 7 and 8.

Over gently rolling land, through dense juniper and scattering yellow pine.

37.50 Desc. 23 ft. to

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

$\frac{1}{4}$
 S 7 | S 8
 1936

from which

A yellow pine, 15 ins. diam., bears N.44½°E., 24 lks. dist., mkd. $\frac{1}{4}$ S 8 B T

A yellow pine, 9 ins. diam., bears N.77½°W., 36 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

Chains	
49.70	Wash, course W.
57.40	Draw, course W.
64.00	Desc. 40 ft. to
71.00	Wash, course SW.; asc. 67 ft. over SE. slope.
80.00	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 cor. of lots 4 and 5 of sec. 8, and lots 1 and 7 of sec. 7, with brass cap mkd.
	$S 7 \frac{1}{7} \frac{4}{5} S 8$ 1936
	from which
	A pinyon, 10 ins. diam., bears N. 88° E., 72 lks. dist. mkd. LOT 4 S 8 B T
	A yellow pine, 6 ins. diam., bears S. 54° W., 21 lks. dist., mkd. LOT 7 S 7 B T
86.86	The cor. of secs. 5, 6, 7 and 8, which is an iron post, 2 ins. diam., 12 ins. above ground, mkd. and witnessed as described in the official record.
	Land, rolling. Soil, rocky, 3rd. and 4th. rate. Timber, juniper and yellow pine; undergrowth, same.
	West, on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.03	A point 12 lks. S. of the cor. of secs. 1, 6, 7 and 12 on W. bdy. of Tp., described in the field notes of the E. bdy. of T.12 N., R.16 E., surveyed under this group.
	Thence
	S. 89° 55' E., on a true line bet. secs. 6 and 7.
	Over rolling land, through dense juniper and scattering yellow pine.
5.70	Desc. 34 ft.
12.00	Foot of descent.
20.18	Fence, bears N. and S.
20.60	Enter wash, course N.
21.57	Intersect line 2-3 of HES. No. 551.
	From this point, cor. No. 2 bears N. 17° 09' W., 1.95 chs. dist.; a sandstone 12x8x5 ins. above ground, mkd. with a cross (X) on top, 2 HES 551 on W. face, from which
	A yellow pine, 40 ins. diam., bears N. 23° E., 216 lks. dist., mkd. 2 HES 551 B T
	A yellow pine, 18 ins. diam., bears S. 38° 37' E., 224 lks. dist., mkd. 2 HES 551 B T
21.90	Leave wash and asc. 215 ft. over W. slope.

Subdivision of T. 12 N., R. 17 E.

BOOK 4116

Chains

38.03

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

$$\frac{1}{4} \frac{S 6}{S 7}$$

1936

from which

A yellow pine, 6 ins. diam., bears N.38°W., 30 lks. dist., mkd. $\frac{1}{4}$ S 6 B T

A yellow pine, 7 ins. diam., bears S.49°W., 36 lks. dist., mkd. $\frac{1}{4}$ S 7 B T

Asc. 33 ft. over NW. slope.

43.00

Top of ascent.

78.03

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

Land, rolling.

Soil, gravelly and rocky, 3d and 4th rate.

Timber, juniper and yellow pine; undergrowth, same.

RETRACEMENT OF H. E. S. No. 550.

From cor. No. 1 of H. E. S. No. 550, hereinbefore described.

S.4°27'W. along line 1-2

65.53

Cor. No. 2, hereinbefore described.

Thence

N.66°13'W., along line 2-3.

18.13

Cor. No. 3, a stone 12x20x10 ins. above ground, mkd. and witnessed as described in the official record.

Thence

N.5°10'W. along line 3-4.

9.80

Cor. No. 4, an iron post, 2 ins. diam., 8 ins. above ground with brass cap mkd. and witnessed as described in the official record.

Thence

N.0°50'E. along line 4-5.

55.85

Cor. No. 5, hereinbefore described.

Thence

N.67°40'E. along line 5-6.

18.30

Cor. No. 6, hereinbefore described.

Thence

S.18°43'E. along line 6-1.

15.35

Cor. No. 1, the place of beginning.

FINAL TEST OF SOLAR ATTACHMENTS

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Nov. 15: At camp in the SW $\frac{1}{4}$ of sec. 13, T.12N., R.16E., at 9h00m a.m., app. t., we set off 34°25 $\frac{1}{2}$ 'N. on the lat. arcs; 18°32'S. on the declination arcs, and orient each instrument with the solar; the variation between the line of sight of each instrument and the meridian established by observation on Polaris is not more than one minute.

At 3h00m p.m., app. t., we set off 34°25 $\frac{1}{2}$ 'N. on the lat. arcs, 18°35 $\frac{1}{2}$ 'S. on the declination arcs, and repeat the tests of the solars; these lines of sight also agree with the meridian established by observation on Polaris within one minute.

Nov. 15, 1936.

GENERAL DESCRIPTION.

The general elevation of this township is about 6,100 to 6,500 ft. above sea level. The greater portion of the township would be classified as high rolling plateau, and the rougher portion, rolling mountainous. The soil ranges from sandy loam, 1st rate to rocky, 4th rate.

The timber which covers most of the township, consists of juniper, yellow pine, pinyon pine and oak. The undergrowth consists of second growth pine and juniper, There is some grazing in the open portions.

The township is crossed diagonally by the Heber Holbrook highway. There are several other roads throughout the township.

The portions most suitable are occupied by homestead entries, where some farming is being carried on.

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FIELD ASSISTANTS

NAMES	
William J. Martin	Principal Assistant
Clark Blevins	Chainman
Ellis W. Murphy	Axman
A.C. Terry	Flagman
Stanton Chandler	Moundsman
Ralph E. Brock	Axman
H.M. Wintz	Principal Assistant
N. Stephenson	Chainman
A. L. Hart	Flagman
H. Qualls	Axman
F. Coulson	"
O. Mayo	"
Robt. Burns	Moundsman
H. R. Ruddell	Principal Assistant
Buell Samuels	Chainman
James D. Kappan	Axman
Fred Wright	Axman
Juan Candelaria	Moundsman
Wm. W. Jahnke	Flagman
Kenneth Burrows	Axman
Walter Wright	Principal Assistant
John Crafford	Chainman
Dave Navarro	Flagman
Earl Fulton	Axman
Floyd F. Spear	"
Elmo A. Fitzpatrick	"
Dan H. Paise	Moundsman
J. P. Hester	Chainman
Raymond Davis	"
Wm. J. Martin	Flagman
A. C. Dyer	Axman

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BOOK 4116

CERTIFICATE OF UNITED STATES SURVEYOR

We, Albinus N. Kimmell, U. S. Cadastral Engineer,
Roger F. Wilson, U. S. Surveyor,
Benjamin J. Mollette, Carroll I. Parkman
and John Boggs, U. S. Transitmen, (PW),

HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 18th day of June, 1934,

received from the district cadastral engineer for Arizona, with assignment
August 22, 1935 and
instructions dated October 31, 1936, We have resurveyed a portion of the west

boundary of Township 12 North, Range 18 East, and surveyed a portion of
the subdivisional lines, completing the subdivision of Township 12
North, Range 17 East,

River
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
resurvey and
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., May 20, 1936. *Albinus N. Kimmell*
U.S. Cadastral Engineer.
Glendale, Calif., April 12, 1937. *Roger F. Wilson*
U.S. Surveyor.
Phoenix, Ariz., April 14, 1937. *Benjamin J. Mollette*
U.S. Transitman (PW)
Buckeye, Ariz., April 22, 1937. *Carroll I. Parkman*
U.S. Transitman (PW)
Mohawk, Calif., April 19, 1937. *John Boggs*
U.S. Transitman (PW)

CERTIFICATE OF APPROVAL

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

The foregoing field notes of the ^{re} ~~su~~vey of a portion of the west boundary of Town-
ship 12 North, Range 18 East, and survey of a portion of the subdivision-
al lines, completing the subdivision of Township 12 North, Range 17 East,
of the Gila and Salt River Meridian, in the State of Arizona,

executed by U.S. Cadastral Engineer, Albinus N. Kimmell, U.S. Surveyor, Roger F. Wilson,
Benjamin J. Mollette, Carroll I. Parkman and
John Boggs, U.S. Transitmen, (PW)
under special instructions dated June 18, 1934, and assignment
August 22, 1935 and
instructions dated October 31, 1936, having been critically examined, and
resurvey and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Wm. A. Brown
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.~~