

3371

Book "I"

4-679

BOOK 3371

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FIELD NOTES

OF THE RETRACEMENT OF

Part of North Boundary and

Part of Subdivision Lines of

TOWNSHIP 17 NORTH, RANGE 12 EAST, and

RESURVEY OF

4th Standard Parallel North thru Range 12 East,
West boundary, and part of North bdy., and

Part of Subdivision Lines, of

TOWNSHIP 17 NORTH, RANGE 12 EAST,

and SURVEY of

Part of Subdivision Lines of

TOWNSHIP 17 NORTH, RANGE 12 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blont, U.S. Surveyor,

and

William L. Nash, U.S. Transitman,

~~In the capacity of U.S. Surveyor~~, under Special Instructions dated December 1, 1916,
issued by the United States Surveyor General to govern surveys included in Group
No. 79, Arizona, which were approved by the Commissioner of the General Land
Office, December 19, 1916, and Assignment Instructions dated ^{January 12, 1917 and} April 5, 1917.

Retracement,
Resurvey & Survey commenced April 12, 1917.

Retracement,
Resurvey & Survey completed May 5, 1917.

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1A

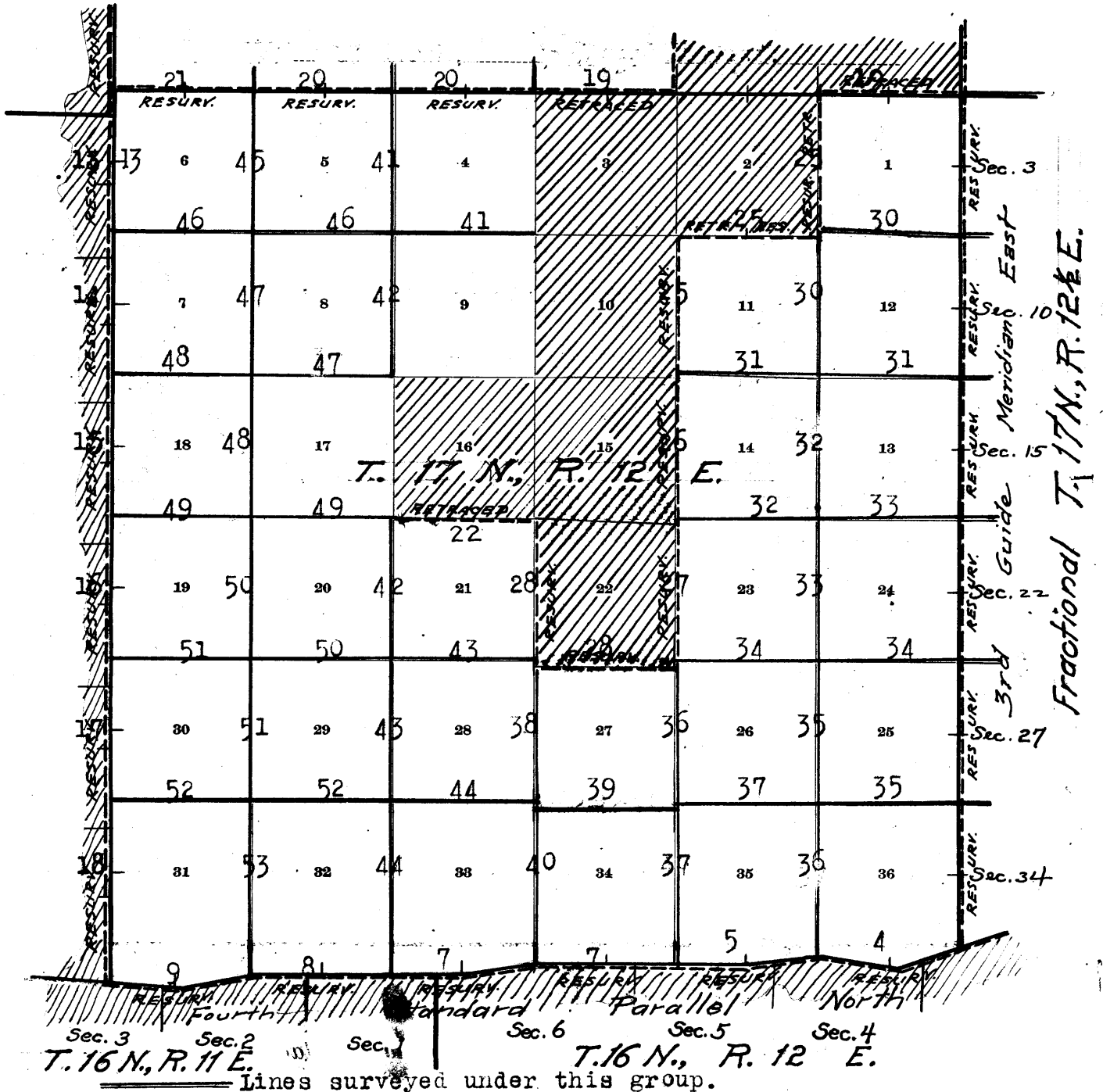
BOOK 3371

3371

Book "I"

Group 79 - - - e Arizona.

INDEX DIAGRAM.



- Lines retraced or resurveyed under this group.
- Accepted surveys.
- Areas surveyed as per accepted plats on file.

Fractional T. 17 N., R. 12 E.

Chains.

Retracements, resurveys and surveys, hereinafter described, executed by Sidney E. Blout, U. S. Surveyor, and Wm. L. Nash, U. S. Transitman, on the dates shown on the diagram on page 55 hereof, using A. Lietz, and Buff and Buff light mountain transits, Nos. 6166 and 9937, respectively, both instruments being equipped with Smith solar attachments. For description of instrument No. 6166, together with record of approval, see Book "A."
From recent and repeated field tests, instrument No. 6166 is known to be in satisfactory adjustment. For other tests, see Book "F."

Test of Instrument No. 9937.

The adjustments of the transit are examined, and the level and collimation errors corrected; then, to test the solar attachment by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, the procedure is as follows:

April 18, 1917. At camp, in sec. 2, T. 17 N., R. 12 E.; latitude, $34^{\circ} 53\frac{1}{2}'$ N.; longitude, $111^{\circ} 6'$ W., at 5h. 49m. a.m. l.m.t., Polaris is observed at eastern elongation in accordance with instructions in the Manual of Surveying and a point on the line thus determined is marked by a tack in a stake set firmly in the ground 5 chs. to the N. of station.

At 7h. 30m., a.m., l.m.t., the azimuth of Polaris, $1^{\circ} 23'$ is turned off to the west, and a point on the meridian thus determined, is marked by a tack in a stake, set firmly in the ground 5 chs. N. of station.

At 8h. 0m., a.m., l.m.t., $34^{\circ} 53\frac{1}{2}'$ N. is set off on the latitude arc; $10^{\circ} 47\frac{1}{2}'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls 1' W. of the meridian determined by observation on Polaris.

At 4h. 0m. p.m., l.m.t., $34^{\circ} 53\frac{1}{2}'$ N. is set off on the latitude arc; $10^{\circ} 54\frac{1}{2}'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls 1' E. of the meridian determined by observation on Polaris.

It is therefore concluded that the instrument is in satisfactory adjustment.

The magnetic decl. for this station is $14^{\circ} 30'$ E.

RESURVEY: 4th. Standard Parallel North, thru Range 12 East.

The resurvey of the 4th. Std. Parallel North, thru Range 12 East is dependent upon the closing cors. of the accepted surveys S. of line, as far as the courses are concerned, but as no areas of accepted surveys are contiguous to the line on the N., the designation of each old standard cor. is changed to Angle Point. On the S. bdrs. of secs. 35 and 36, new standard cors. are established at such intervals as to produce a distance of 40 chs. between N. and S. lines, thru said new standard cors. As closing cors. are established for secs. 31, 32, 33 and 34, as hereinafter described, no standard $\frac{1}{2}$ sec. cors. are reestablished for said secs., the points for said standard $\frac{1}{2}$ sec. cors. being at a theoretical midpoint between N. and S. lines, thru said closing cors.

The old standard cors. found in retracing the S. bdrs. of secs. 36, 35, 34 and 33, as described below, were reestablished in 1893, and those on S. bdrs. of secs. 32 and 31 were reestablished in 1883. The closing cors. of T. 16 N., R. 12 E. were established in 1894, and those of T. 16 N., R. 11 E. in 1883.

2. RESURVEY: 4th Standard Parallel North thru Range 12 East

Chains.

Retracement for Resurvey:

From old standard cor. of T.17 N., R.12 E., and fracl. T.17 N., R.12 E., changed to Angle Point, as described in Book "H."

S.77° 13' W. (record course) on random line, on old S. bdy. of sec. 36. (2.2).

- 27.12 Fall 2 lks. S. of original closing cor. of secs. 3 and 4, T.16 N., R.12 E., which is a malpais stone, 12x6x5 ins. above ground, firmly set, marked "CC" on S. face, and 3 notches on each of E. and W. faces, and witnessed by 3 bearing trees, one each SE., SW. and NE. of cor., each properly marked.

True course of E. $\frac{1}{2}$ of old S. bdy. of sec. 36 to this C. C. is therefore S.77° 16' W.,

Continue line and measurement of E. $\frac{1}{2}$ of old S. bdy. of sec. 36 (N. of sec. 4, T.16 N., R.12 E.)

- 41.29 Fall 4 lks. N. of old standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a sandstone, 11x6x5 ins. above ground, firmly set, marked "SC $\frac{1}{4}$ " on N. face, and witnessed by two bearing trees, one each NW. and SW. of cor., each properly marked.

True course and dist. of E. half of old S. bdy. of sec. 36 are therefore S.77° 16' W., 41.29 chs. ;

Thence,

N.86° 00' W. (record course), on random line on W. half of old S. bdy. of sec. 36.

- 40.08 Fall 31 lks. S. of the old standard cor. of secs. 35 and 36, which is a malpais stone, 9x8x6 ins. above ground, firmly set marked "SC" on N. face, 1 notch on E. face, and 5 notches on W. face, and witnessed by mound of stone, N. of cor. No bearing trees.

True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 36 are therefore N.85° 33' W., 40.10 chs.

S.85° 33' W., (record course) on random line, on E. $\frac{1}{2}$ of old S. bdy. of sec. 35 (N. of sec. 4, T.16 N., R.12 E.)

- 26.10 Fall 5 lks. N. of original closing cor. of secs. 4 and 5, T.16 N., R.12 E., which is a malpais stone, 10x8x6 ins. above ground, firmly set, marked "CC" on S. face, 2 notches on W. face, and 4 notches on E. face, and witnessed by 3 bearing trees, one each SE., SW. and NE. of cor., each properly marked.

True course of E. half of old S. bdy. of sec. 35 to this C. C. is therefore S.85° 26' W.

Continue line and measurement of E. $\frac{1}{2}$ of old S. bdy. of sec. 35 (N. of sec. 5, T.16 N., R.12 E.)

- 40.41 Fall 8 lks. N. of old std. $\frac{1}{4}$ sec. cor. of sec. 35, which is a malpais stone, 30x16x14 ins., firmly set in a mound of stone, marked "SC $\frac{1}{4}$ " on N. face, and witnessed by two bearing trees, one each NW. and SW. of cor., each properly marked.

True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 35 are therefore S.85° 26' W., 40.42 chs.

Thence,

S.89° 48' W. (record course), on random line on W. half of old S. bdy. of sec. 35 (N. of sec. 5, T.16 N., R.12 E.)

- 40.20 Fall 10 lks. N. of old standard cor. of secs. 34 and 35, which is a malpais stone, 15x10x4 ins. firmly set in a mound of stone, marked "SC" on N. face, 2 notches on E. face, and 4 notches on W. face, and witnessed by three bearing trees, one each NE., NW. and SW. of cor., each properly marked.

True course and dist. of W. half of old S. bdy. of sec. 35 are therefore, S.89° 39' W., 40.20 chs.

S.89° 41' W., (record course) on random line, on E. half of old S. bdy. of sec. 34 (N. of sec. 5, T.16 N., R.12 E.)

RESURVEY: 4th. Standard Parallel North, Range 12 East. 3.

Chains.

26.50 (Record dist.) Diligent search in this vicinity fails to reveal any trace of original closing cor. of secs. 5 and 6, T.16 N., R.12 E.

Continue line and measurement of E. 1/2 of old south bdy. of sec. 34 (N. of sec. 6, T.16 N., R.12 E.)

40.25 Fall 7 lks. N. of a malpais stone, 14x11x6 ins. lying on ground. No marks are visible on this stone. At record courses and dists. from this stone, NE. and SE. find the original bearing trees; therefore, identify the point where stone is lying as the original point of location of the old standard 1/2 sec. cor. of sec. 34.

True course and dist. of E. 1/2 of old S. bdy. of sec. 34 are therefore S. 89° 35' W., 40.25 chs.

Thence,

S. 89° 41' W., (record course) on random line on W. 1/2 of old S. bdy. of sec. 34 (N. of sec. 6, T.16 N., R.12 E.)

40.11 Fall 7 lks. N. of old std. cor. of secs. 33 and 34, which is a malpais stone, 10x6x5 ins. above ground, firmly set, marked "SC" on N. face, and 3 notches on each of E. and W. faces, and witnessed by 3 bearing trees, one each NE., NW. and SE. of cor., each properly marked.

True course and dist. of W. 1/2 of old S. bdy. of sec. 34 are therefore S. 89° 35' W., 40.11 chs.

S. 84° 40' W., (record course) on random line, on E. half of old S. bdy. of sec. 33 (N. of sec. 6, T.16 N., R.12 E.)

39.88 Fall 25 lks. N. of std. 1/4 sec. cor. of sec. 33, which is a malpais stone, 11x6x4 ins. above ground, firmly set, marked "SC 1" on N. face, and witnessed by two bearing trees, one each NE. and SW. of cor., each properly marked.

True course and dist. of E. 1/2 of old S. bdy. of sec. 33 are therefore, S. 84° 18' W., 39.91 chs.

Thence,

N. 84° 36' W., (record course) on random line, on W. 1/2 of old S. bdy. of sec. 33 (N. of sec. 6, T.16 N., R.12 E.)

7.25 Fall 83 lks. N. of original closing cor. of Ts. 16 N., Rs. 11 and 12 E., which is a sandstone, 10x8x5 ins. above ground, firmly set, marked "CC" on S. face, and 6 notches on each of E., W. and S. faces, and witnessed by a mound of stone, S. of cor. No bearing trees.

True course and dist. of W. 1/2 of old S. bdy. of sec. 33 to this C.C. are therefore, S. 88° 48' W., 7.22 chs.

Continue line and measurement of W. 1/2 of old S. bdy. of sec. 33 (N. of sec. 1, T.16 N., R.11 E.)

40.06 Fall 4.61 chs. N. of old std. cor. of secs. 32 and 33, which is a limestone, 16x8x6 ins. above ground, firmly set, marked "SC" on N. face, 2 notches on W. face, and 4 notches on E. face, and witnessed by mound of stone, N. of cor. and two bearing trees, one each NE. and NW. of cor., each properly marked, but badly decayed.

True course and dist. of W. half of old S. bdy. of sec. 33 are therefore S. 88° 48' W., 39.89 chs.

West (record course) on random line, on E. 1/2 of old S. bdy. of sec. 32 (N. of sec. 1, T.16 N., R.11 E.)

40.02 Fall 44 lks. N. of old std. 1/4 sec. cor. of sec. 32, which is a sandstone, 12x8x4 ins. above ground, firmly set, marked "SC 1" on N. face, and witnessed by mound of stone, N. of cor., and one bearing tree SW. of cor., properly marked.

True course and dist. of E. 1/2 of old S. bdy. of sec. 32 are therefore S. 89° 22' W., 40.02 chs.

Thence,

West (record course) on random line, on W. 1/2 of old S. bdy. of sec. 32 (N. of sec. 1, T.16 N., R.11 E.)

8.91 (Record dist.) Diligent search in this vicinity fails to reveal any trace of original closing cor. of secs. 1 and 2, T.16 N., R.11 E.

Chains.

- Continue line and measurement of $W. \frac{1}{2}$ of old S. bdy. of sec. 32 (N. of sec. 2, T. 16 N., R. 11 E.)
- 40.05 Fall 63 lks. N. of old std. cor. of secs. 31 and 32, which is a sandstone 14x8x6 ins. above ground, firmly set, marked "SC" on N. face, 1 notch on W. face, and 5 notches on E. face, and witnessed by a mound of stone, N. of cor., and one bearing tree properly marked NE. of cor. True course and dist. of $W. \frac{1}{2}$ of old S. bdy. of sec. 32 are therefore S. 89° 06' W., 40.05 chs.
-
- West, (record course) on random line, on $E. \frac{1}{2}$ of old S. bdy. of sec. 31 (N. of sec. 2, T. 16 N., R. 11 E.),
- 40.02 Fall 95 lks. N. of old std. $\frac{1}{4}$ sec. cor. of sec. 31, which is a sandstone, 12x6x5 ins. above ground, firmly set, marked "SC $\frac{1}{4}$ " on N. face, and witnessed by a mound of stone, N. of cor., and one bearing tree SE. of cor., properly marked. True course and dist. of $E. \frac{1}{2}$ of old S. bdy. of sec. 31 are therefore S. 88° 38' W., 40.03 chs.
- Thence,
- West (record course) on random line, on $W. \frac{1}{2}$ of old S. bdy. of sec. 31 (N. of sec. 2, T. 16 N., R. 11 E.)
- 8.82 (Record dist.) Diligent search in this vicinity fails to reveal any trace of original closing cor. of secs. 2 and 3, T. 16 N., R. 11 E.
- Continue line and measurement of $W. \frac{1}{2}$ of old S. bdy. of sec. 31 (N. of sec. 3, T. 16 N., R. 11 E.)
- 40.04 Fall 66 lks. S. of old std. cor. of Ts. 17 N., Rs. 11 and 12 E., which is a decayed cedar post, 5 ins. square, 3 ft. above ground, set in ground, and mound of stone, marked "SCT17N" on N. face, "R12ES31" on E. face, "R11E S36" on W. face, and 6 notches on each of E., W. and N. faces, and witnessed by two bearing trees, properly marked, both NE. of cor. True course and dist. of $W. \frac{1}{2}$ of old S. bdy. of sec. 31 are therefore N. 89° 03' W., 40.05 chs.

RESURVEY:

- From reestablished standard cor. of Ts. 17 N., R. 12 E., and fracl. T. 17 N., R. 12 $\frac{1}{2}$ E., described in Book "H," (1.01 chs. S. 77° 16' W., from old std. Tp. cor.),
- S. 77° 16' W., on true line, on new S. bdy. of sec. 36 (N. of sec. 3, T. 16 N., R. 12 E.)
- Over rolling land, thru. scattering live timber.
- 26.11 Intersect original closing cor. of secs. 3 and 4, T. 16 N., R. 12 E., hereinbefore described. Continue line and measurement of new S. bdy. of sec. 36 (N. of sec. 4, T. 16 N., R. 12 E.)
- 29.00 Leave scattering and enter dense live timber, brs. N. and S.
- 40.28 Intersect old std. $\frac{1}{4}$ sec. cor. of sec. 36, hereinbefore described. Change this cor. to Angle Point as follows: Alongside old stone, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for angle point, marked on brass cap,

A P

1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of post. Obliterate marks on old bearing trees.

Thence,

N. 85° 33' W. on true line, continuing measurement of new S. bdy. of sec. 36 (beginning of $W. \frac{1}{2}$ of old S. bdy. of sec. 36).

Resurvey of 4th Standard North, thru Range 12 East. 5.

Chains.

40.99 (40.00 chs. westing from reestablished standard Tp. cor.), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard 1/4 sec. cor. of sec. 36, marked on brass cap,

S C
1/4 S 36

1917

from which,

- A cedar, 9 ins. in diam., brs. N. 40 1/2° E., 140 lks. dist., mark "S C 1/4 S 36 B T."
- A cedar, 16 ins. diam., brs. N. 70 1/2° W., 106 lks. dist., mark "S C 1/4 S 36 B T."

Continue line and measurement.

65.28 Timber becomes scattering.
80.38 Intersect old std. cor. of secs. 35 and 36, hereinbefore described. Change this cor. to angle point as follows:

Alongside old stone, Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in the ground, in a mound of stone, for angle point marked on brass cap,

A P

1917

to which the old mound of stone, 2 ft. base, 1 1/2 ft. high, N. of post, remains accessory.

Thence, S. 85° 26' W., on true line, continuing measurement of new S. bdy. of sec. 36 (beginning of E. half of old S. bdy. of sec. 35)

81.11 (80.00 chs. westing from reestablished std. Tp. cor.,) Set an iron post, 3 ft. long, 3 ins. in diam., on surface rock, in a mound of stone, for reestablished standard cor. of secs. 35 and 36, T. 17 N., R. 12 E., marked on brass cap,

SEC C
T17N R12E
S35 S36

1917

from which,

- A cedar, 14 ins. in diam., brs. N. 80° E., 295 lks. dist., mark "T17N R12E S36 BT."
- A cedar, 18 ins. in diam., brs. N. 87 1/2° W., 109 lks. dist., mark "T17N R12E S35 BT."

Land, rolling.
Soil, rocky, 3rd rate.
Timber, cedar and pinon, dense and scattering, as noted.
Undergrowth, scattering algerita and sagebrush.

S. 85° 26' W., on true line, on new S. bdy. of sec. 35 (N. of sec. 4, T. 16 N., R. 12 E.)
Over rolling land, thru scattering live timber and undergrowth.

12.07 Old road brs. NE. and SW.
25.37 Intersect closing cor. of secs. 4 and 5, T. 16 N., R. 12 E., hereinbefore described.

Continue line and measurement of new S. bdy. of sec. 35 (N. of sec. 5, T. 16 N., R. 12 E.)

39.69 Intersect old std. 1/4 sec. cor. of sec. 35, hereinbefore described. Change this cor. to Angle Point as follows: Remove old stone and mound of stone in which it is set; reset old stone, 20 ins. in the ground, and alongside old stone, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

6. Resurvey of 4th Standard Parallel North thru R. 12. E.

Chains.

the ground, for angle point, marked on brass cap,

A P

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of post. Obliterate marks on old bearing trees.

Thence,

S. 89° 39' W., on true line, continuing measurement of new S. bdy. of sec. 35 (beginning of W. half of old S. bdy. of sec. 35)

40.13 (40.00 chs. westing from std. cor. of secs. 35 and 36),
Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in a mound of stone, for reestablished standard ¼ sec. cor. of sec. 35, marked on brass cap,

S C
S 35

1917

from which,

A cedar, 30 ins. in diam., brs. N. 48° E., 134 lks. dist., mark "S C ¼ S 35 B T."

A cedar, 10 ins. in diam., brs. N. 24½° W., 90 lks. dist., mark "S C ¼ S 35 B T."

42.13 Draw, course N.

77.38 Draw, course NE.

79.88 Intersect the old standard cor. of secs. 34 and 35, hereinbefore described. Change this cor. to Angle Point, as follows: Alongside old stone,

Set an iron post, 3 ft. long, 3 ins. in diam., 4 ins. in the ground, in old mound of stone, for angle point, marked on brass cap,

A P

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of post. Obliterate marks on old bearing trees.

Thence,

S. 89° 35' W., on true line, continuing measurement of new S. bdy. of sec. 35 (beginning of E. ¼ of old S. bdy. of sec. 34)

80.12 (80.00 chs. westing from the standard cor. of secs. 35 and 36),

Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, in a mound of stone, for reestablished standard cor. of secs. 34 and 35, marked on brass cap,

S C
T17N R12E
S34 S35

1917

from which,

A cedar, 11 ins. diam., brs. N. 36½° E., 69 lks. dist., mark "T 17 N R 12 E S 35 B T."

A pinyon, 10 ins. in diam., brs. N. 44½° W., 265 lks. dist., mark "T17N R12 E S34 BT."

Land, rolling.

Soil, rocky, limestone formation, 3rd rate.

Timber, scattering cedar and pine.

Undergrowth, scattering sagebrush and algerita.

Resurvey of 4th Standard Parallel North, thru Range 12 East 7

Chains

- S 89° 35' W. on true line on new S. bdy. of sec. 34 (N. of sec. 5, T. 16 N., R. 12 E.)
- 26.37 Over rolling land, thru scattering timber and undergrowth. Proportional point for closing cor. of secs. 5 and 6, T. 16 N., R. 12 E. No trace of the closing cor. can be found. Continue line and measurement of new S. bdy. of sec. 34 (N. of sec. 6, T. 16 N., R. 12 E.)
- 40.01 Intersect old standard $\frac{1}{4}$ sec. cor. of sec. 34, hereinbefore described. Change this cor. to Angle Point as follows: Remove the unmarked stone lying at cor. point, and at same point, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for angle point, marked on brass cap,

A P
1917

- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Obliterate marks on the old bearing trees. Continue line and measurement of new S bdy. of sec. 34 (beginning of W. $\frac{1}{4}$ of old S bdy. of sec. 34).
- 40.89 (Same dist. westing) Theoretical point for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 34, which is 40:00 chains East from a standard S. line through the closing corner of secs. 33 and 34, hereinafter described.

- 68.91 Road brs. NE. and SW.
- 80.12 Intersect the old standard cor. of secs. 33 and 34, hereinbefore described. Change this cor. to Angle Point, as follows: Alongside old stone, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for Angle Point, marked on brass cap,

A P
1917

- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Obliterate marks on the old bearing trees. Thence S. 84° 18' W., on true line, continuing measurement of new S. bdy. of sec. 34 (beginning of E. half of old S. bdy. of sec. 33).

- 80.89 (Same dist. westing from std. cor. of secs. 34 and 35) The std. closing cor. of secs. 33 and 34 established at this point as hereinafter described. Land, rolling. Soil, rocky, 3rd rate. Timber, scattering cedar and pinon. Undergrowth, scattering algerita and sage brush.

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- From std. closing cor. of secs. 33 and 34, hereinafter described, S. 84° 18' W. on true line, on new S. bdy. of sec. 33 (N. of sec. 6, T. 16 N., R. 12 E.) Over rolling land, thru scattering timber and undergrowth; general drainage to the north.

- 2.13 Road brs. NE. and SW.
- 39.14 Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 33, hereinbefore described. Change this cor. to Angle Point as follows: Alongside old stone, Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, in a mound of stone, for angle point, marked on brass cap,

A P
1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of post. Obliterate marks on old bearing trees.

8. Resurvey of 7th Standard Parallel North, thru Range 12 East.

Chains.

- Thence,
S.88°48'W., on true line, continuing measurement of new
S. bdy. of sec. 33 (N. of sec. 6, T.16 N., R.12 E.)
- 40.37 (40.18 chs. westing from std. closing cor. of secs. 33 and 34,
or midpoint on S. bdy. of sec. 33). Theoretical point
for std. $\frac{1}{4}$ sec. cor. of sec. 33.
- 46.36 (7.27 chs. S.88°48'W. from A.P.) Intersect old closing
cor. of Ts. 16 N., Rs. 11 and 12 E., hereinbefore describ-
ed.
- Continue line and measurement of new S. bdy. of sec. 33 (N. of
sec. 1, T.16 N., R.11 E.)
- 47.44 Dim road brs. NE. and SW.
- 48.74 Draw, course NE.
- 61.84 Draw, course NE.
- 79.03 Intersect old standard cor. of secs. 33 and 32, hereinbefore
described. Change this cor. to Angle Point, as fol-
lows: Alongside old stone,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for Angle Point, marked on brass cap,

A P

1917

to which the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. remains accessory. Obliterate marks on old
bearing trees.

- Thence,
S.89°22'W., on true line, continuing measurement of new
S. bdy. of sec. 33 (beginning of E. $\frac{1}{2}$ of old S. bdy. of
sec. 32).
- 80.56 (80.36 chs. westing from std. closing cor. of secs. 33 and
34) The standard closing cor. of secs. 32 and 33, here-
inafter described.
- Land, rolling, general NE. slope.
Timber, scattering cedar and pinon.
Undergrowth, sage brush and algerita.
Abundant growth of grass.

- From standard closing cor. of secs. 32 and 33, hereinafter
described,
S.89°22'W., on true line, on new S. bdy. of sec. 32 (N. of
sec. 1, T.16 N., R.11 E.)
- Over rolling land, general NE. slope, thru scattering
timber.
- 12.47 Leave timber, brs. NE. and SW.
- 26.47 Enter timber, brs. NE. and SW.
- 38.49 Intersect old standard $\frac{1}{4}$ sec. cor. of sec. 32, hereinbefore
described. Change this cor. to Angle Point as follows:
Alongside old stone,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for angle point, marked on brass cap,

A P

1917

to which the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. remains accessory. Obliterate marks on old
bearing trees.

- Thence,
S.89°06'W., on true line, continuing measurement of new
S. bdy. of sec. 32 (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec.
32).
- Ascend 286 ft. on NE. slope to standard closing cor. of secs.
31 and 32.
- 40.08 (Same dist. westing) Theoretical point for std. $\frac{1}{4}$ sec. cor.
of sec. 32, at midpoint on S. bdy. thereof.
- 47.41 (8.92 chs. S.89°06'W. from A.P.) The proportional point
for closing cor. of secs. 1 and 2, T.16 N., R.11 E. No

Chains.

trace of closing cor. can be found. Continue line and measurement of new S. bdy. of sec. 32 (N. of sec. 2, T. 16 N., R. 11 E.)

- 78.54 Intersect the old standard cor. of secs. 31, and 32, hereinbefore described. Change this cor. to Angle Point as follows: Alongside old stone, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for Angle Point, marked on brass cap,

A P

1917

to which the old mound of stone, 2 ft. base, 1½ ft. high, N. of cor. remains accessory. Obliterate marks on old bearing trees.

Thence,

S. 88° 38' W., on true line, continuing measurement of new S. bdy. of sec. 32 (beginning of E. half of old S. bdy. of sec. 31.

- 80.16 (Same dist. westing) The standard closing cor. of secs. 31 and 32, hereinafter described.

Land, rolling and hilly.

Soil, sandy, with malpais rock, 3rd rate.

Timber, scattering cedar and pinon.

Undergrowth, none.

Fair growth of grass.

From std. closing cor. of secs. 31 and 32, hereinafter described,

S. 88° 38' W., on true line, on new S. bdy. of sec. 31 (N. of sec. 2, T. 16 N., R. 11 E.)

Over rolling, mountainous land, thru scattering timber.

Ascend NE. slope, 194 ft. to

- 15.45 Rim of mesa, brs. NW. and SE. Thence over gently rolling mesa.

- 38.41 Intersect old standard ¼ sec. cor. of sec. 31, hereinbefore described. Change this cor. to Angle Point, as follows:

Alongside old stone,

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for angle point, marked on brass cap,

A P

1917

to which the old mound of stone, 2 ft. base, 1½ ft. high, N. of cor. remains accessory.

Obliterate marking on old bearing tree.

Thence,

N. 89° 03' W. on true line, continuing measurement of new S. bdy. of sec. 31 (beginning of W. ½ of old S. bdy. of sec. 31).

- 40.01 (40.00 chs. westing) Theoretical point for standard ¼ sec. cor. of sec. 31.

Continue line and measurement.

- 47.24 (8.83 chs. from A.P.) Proportional point for closing cor. of secs. 2 and 3, T. 16 N., R. 11 E. No trace of closing cor. can be found.

Continue line and measurement of new S. bdy. of sec. 31 (N. of sec. 3, T. 16 N., R. 11 E.)

Descend gradual, SW. slope.

- 78.46 (78.44 chs. westing from std. closing cor. of secs. 31 and 32) Intersect old standard cor. of Ts. 17 N., Rs. 11

and 12 E., hereinbefore described. Reestablish this cor. by removing old wood post, and mound of stone in which it is set, and in same place,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of Ts. 17 N., Rs. 11 and 12 E., marked on brass cap,

10 Resurvey of 4th standard Parallel North, thru Range 12 East.

Chains.

S C
T17N
R11E | R12E
S36 | S31

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of post. Leave old bearing trees NE. of cor. as accessory.
Land, rolling, general S. slope.
Soil, sandy with malpais rock, 3rd rate.
Timber, scattering cedar.
Undergrowth, none.
Abundant growth of grass.

Retracement for Resurvey of West bdy. of Township 17 North, Range 12 E. 11 Chains.

- From reestablished std. cor. of Ts. 17 S., Rs. 11 and 12 E. hereinbefore described,
 North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 17 N., R. 11 E.
- 39.83 Fall 162 lks. W. of old $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a sandstone, 12x8x6 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone W. of cor., and one bearing tree properly marked SW. of cor.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore S. 2° 20' W., 39.86 chs.
 Thence,
 North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 17 N., R. 11 E.
- 40.02 Fall 96 lks. W. of old cor. of secs. 25, 30, 31 and 36, which is a sandstone, 20x9x8 ins. above ground, firmly set, marked with 1 notch on S. edge, and 5 notches on N. edge, and witnessed by mound of stone, W. of cor., and two bearing trees, one each SE. and SW. of cor., each properly marked.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore S. 1° 23' W., 40.03 chs.
-
- North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 17 N., R. 11 E.
- 39.97 Fall 96 lks. W. of old $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a sandstone, 12x6x5 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor., and two bearing trees, one each NW. and SE. of cor., each properly marked.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 25 are therefore, S. 1° 23' W., 39.98 chs.
 Thence,
 North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 17 N., R. 11 E.
- 39.96 Fall 62 lks. E. of old cor. of secs. 19, 24, 25, and 30, which is a sandstone, 12x6x5 ins. above ground, firmly set, marked with 2 notches on S. edge, and 4 notches on N. edge, and witnessed by mound of stone, W. of cor., and 2 bearing trees properly marked, one each NE. and SW. of cor.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 25 are therefore S. 0° 53' E., 39.96 chs.
-
- North, on random line, on S. half of E. bdy. of sec. 24, T. 17 N., R. 11 E.
- 39.44 Fall 91 lks. E. of old $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a sandstone, 11x6x5 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor., and 2 bearing trees properly marked, one each NE. and NW. of cor.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore S. 1° 19' E., 39.45 chs.
 Thence,
 North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 24, T. 17 N., R. 11 E.
- 40.14 Fall 22 lks. E. of old cor. of secs. 13, 18, 19 and 24, which is a sandstone, 12x8x6 ins., above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by mound of stone, W. of cor., and three bearing trees properly marked, one each NE., SE. and SW. of cor.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore S. 0° 19' E., 40.14 chs.
-

12. Retracement for Resurvey of W. bdy. of T.17 N., R.12 E.

Chains

- North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 13, T.17 N., R.11 E.
- 40.17 Fall 30 lks. E. of point of original location of $\frac{1}{4}$ sec. cor. of secs. 13 and 18 determined by reference to pits N. and S., mound of earth W. of point, and one bearing tree SW. of point, properly marked. The decayed remains of the wood post originally set at this point, is found lying on the ground at true point for cor. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore S. $0^{\circ}26'$ E., 40.17 chs.
- Thence,
North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 13, T.17 N., R.11 E.
- 40.26 Fall 16 lks. E. of point of original location of cor. of secs. 7, 12, 13 and 18, determined by reference to 4 pits, one each NE., SE., SW. and NW. of cor. point, and to the 3 old bearing trees, one each NE., SW. and NW., each properly marked. The decayed remains of the wood post originally set as sec. cor., is found lying on the ground at true point for cor. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore S. $0^{\circ}14'$ E., 40.26 chs.
-
- North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 12, T.17 N., R.11 E.
- 40.36 Fall 75 lks. W. of old $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a sandstone, 13x5x5 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, W. of cor., and one bearing tree, properly marked NE. of cor. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore S. $1^{\circ}4'$ W., 40.37 chs.
- Thence,
North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 12, T.17 N., R.11 E.
- 40.28 Fall 14 lks. W. of old cor. of secs. 1, 6, 7 and 12, which is a sandstone, 11x5x4 ins. above ground, firmly set, marked with 1 notch on N. edge, and 5 notches on S. edge, and witnessed by mound of stone, W. of cor., and two bearing trees properly marked, one each NE. and SW. of cor. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12, are therefore S. $0^{\circ}12'$ W., 40.28 chs.
-
- North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 1, T.17 N., R.11 E.
- 40.10 Fall 17 lks. W. of old $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a sandstone, 11x7x6 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, W. of cor., and two bearing trees properly marked, one each SW. and SE. of cor. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore S. $0^{\circ}15'$ W., 40.10 chs.
- Thence,
North, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 1, T.17 N., R.11 E.
- 44.89 Fall 102 lks. E. of cor. of Ts. 17 and 18 N., R.11 E., originally set as cor. of four townships, and reestablished in 1905 as cor. of four Tps., but changed to its present designation and described when the north bdy. of T.17 N., R.12 E. was surveyed to a closing cor. N. of this cor. This cor. is a limestone, 10x6x5 ins. above ground, firmly set, marked with 6 notches on each of N., S. and W. edges, and witnessed by two bearing trees, properly marked, one each NW. and SW. of cor. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore S. $1^{\circ}18'$ E., 44.90 chs.

Retracement for Resurvey of W. bdy. of Township 17 North, Range 12 East. 13

Chains.

To obtain point of intersection of N. bdy. of T. 17 N., R. 12 E. as resurveyed under this group, with E. bdy. of T. 18 N., R. 11 E., and also to obtain proper course for that portion of the W. bdy. of sec. 31 T. 17 N., R. 12 E. lying E. of T. 18 N., R. 11 E., continue retracement as follows:

From reestablished cor. of Ts. 17 and 18 N., R. 11 E., described above,

North, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 18 N., R. 11 E.

11.15 Intersect N. bdy. of T. 17 N., R. 12 E., resurveyed due west as hereinafter described. Set temp. cor. of Ts. 17 and 18 N., R. 12 E. at this point preliminary to the establishment of said cor. on true line after obtaining proper course thereof.

Continue line and measurement.

40.00 Fall 8 lks. W. of old $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a limestone, 14x5x5 ins. above ground, firmly set, marked "1" on W. face, and witnessed by two bearing trees, properly marked, one each SE and SW. of cor. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 18 N., R. 11 E. are therefore, N. 0° 7' E., 40.00 chs. Return to temp. cor. of Ts. 17 and 18 N., R. 12 E., and move same 2 lks. E. to true point for cor. of said Tps., and establish the permanent cor. at said true point, as hereinafter described in notes of "Independent Resurvey of West half of North bdy. of T. 17 N., R. 12 E."

RESURVEY:

In the resurvey described below, the $\frac{1}{4}$ sec. cor. and sec. cors. referring to T. 17 N., R. 12 E. only, are reestablished on the courses obtained by the retracement hereinbefore described at such intervals as to produce a distance of 40 chs. between E. and W. lines, thru such reestablished cors. with the exception of the S. $\frac{1}{2}$ of W. bdy. of sec. 31. All the old cors. are changed to refer to areas W. of the line only.

From the reestablished cor. of Ts. 17 and 18 N., R. 12 E., hereinafter described,

S. 0° 7' W. on true line, on W. bdy. of sec. 6 (E. of sec. 36, T. 18 N., R. 11 E.)

Over rolling land, thru heavy scrub timber and undergrowth.

11.15 Intersect the reestablished cor. of Ts. 17 and 18 N., R. 11 E., hereinbefore described.

Thence,

S. 1° 18' E. on true line, continuing measurement of W. bdy. of sec. 6 (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 1, T. 17 N., R. 11 E.)

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 6, T. 17 N., R. 12 E., marked on brass cap,

| $\frac{1}{4}$ S6
1917

from which,

A pinyon, 10 ins. in diam., brs. N. 57 $\frac{1}{2}$ ° E., 299 lks. dist., mark " $\frac{1}{4}$ S 6 B T."

A pinyon, 10 ins. in diam., brs. S. 56° E., 170 lks. dist., mark " $\frac{1}{4}$ S 6 B T."

Continue line and measurement of W. bdy. of sec. 6, T. 17 N., R. 12 E. (E. of N. $\frac{1}{2}$ of sec. 1, T. 17 N., R. 11 E.)

56.05 (44.90 chs. S. 1° 18' E. from cor. of Ts. 17 and 18 N., R. 11 E.) Intersect old $\frac{1}{4}$ sec. cor. of secs. 1 and 6, hereinbefore described. Change this cor. to refer to sec. 1, T. 17 N., R. 11 E. only, as follows:

Obliterate marks on old SE bearing tree, leaving old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W of cor., and old

14. Dependent Resurvey of W. bdy. of T.17 N., R.12 E.

Chains.

SW. bearing tree as accessories.

Thence, S. 0° 15' W., on true line, continuing measurement of W. bdy. of sec. 6 (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 1, T.17 N. R.11 E.)

80.01 (80.00 chs. southing) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 6 and 7, T.17 N., R.12 E., marked on brass cap,

T17N
S 6
S 7
R12E

1917

from which,

A cedar, 10 ins. in diam., brs. N. 75 $\frac{1}{2}$ ° E., 247 lks. dist., mark "T17N R12E S6 BT."

A cedar, 12 ins. in diam., brs. S. 81 $\frac{1}{2}$ ° E., 117 lks. dist., mark "T17 N R12E S7 BT."

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, heavy scrub cedar and pinyon.

Undergrowth, scattering sage brush and algerita.

S. 0° 15' W., on true line, on W. bdy. of sec. 7, T.17 N., R.12 E. (E. of sec. 1, T.17 N. R.11 E.)

Over rolling land, thru heavy scrub timber and undergrowth.

16.14 (40.10 chs. S. 0° 15' W. from $\frac{1}{4}$ sec. cor. of sec. 1), intersect old cor. of secs. 1, 6, 7 and 12, hereinbefore described. Change this cor. to refer to secs. 1 and 12, T.17 N., R. 11 E. only, as follows:

Obliterate marks on old NE. bearing tree, leaving the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., and old SW. bearing tree, as accessories.

Thence,

S. 0° 12' W., on true line, continuing measurement of W. bdy. of sec. 7, T.17 N., R.12 E. (beginning of N. half of E. bdy. of sec. 12, T.17 N., R.11 E.)

32.40 Draw, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 7, T.17 N., R.12 E., marked on brass cap,

$\frac{1}{4}$ S7

1917

from which,

A cedar, 10 ins. in diam., brs. N. 29° E., 66 lks. dist., mark " $\frac{1}{4}$ S 7 B T."

A cedar, 12 ins. diam., brs. S. 77° E., 32 lks. dist., mark " $\frac{1}{4}$ S 7 B T."

56.42 (40.28 chs. S. 0° 12' W., from cor. of secs. 1 and 12) Intersect old $\frac{1}{4}$ sec. cor. of secs. 7 and 12, hereinbefore described. Change this cor. to refer to sec. 12, T.17 N., R.11 E. only, as follows:

Obliterate marks on the old bearing tree, leaving the old mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. as accessory.

Thence,

S. 1° 4' W. on true line, continuing measurement of W. bdy. of sec. 7 (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 12, T.17 N., R. 11 E.)

80.01 (80.00 chs. southing) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 12, T.17 N., R.12 E., marked on brass cap,

Dependent Resurvey of W. bdy. of Township 17 North, Range 12 East. 15

Chains.

T17N
S 7
S18
R12E

1917

from which,
A cedar, 8 ins. in diam., brs. N. 74 1/2° E., 159 lks.
dist., mark "T17N R12E S7 BT."
A cedar, 9 ins. in diam. brs. S. 75 1/2° E., 290 lks.
dist., mark "T17N R12E S18 BT."

Land, rolling.
Soil, limestone formation, 3rd rate.
Timber, cedar and pinon.
Undergrowth, scattering sagebrush and algerita.

S. 1° 4' W., on true line on W. bdy. of sec. 18, T. 17 N., R. 12 E., (E. of S. 1/2 of E. bdy. of sec. 12, T. 17 N., R. 11 E.)
Over rolling land, thru. heavy scrub timber and undergrowth.

16.78 (40.37 chs. S. 1° 4' W. from 1/4 sec. cor. of sec. 12) Intersect point of original location of cor. of secs. 7, 12, 13 and 18, hereinbefore described. At this point, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 12 and 13, T. 17 N., R. 11 E., marked on brass cap,

T17N
S12
S13
R11E

1917

Destroy marking on old NE. bearing tree, leaving the old NW. and SW. bearing trees, and the pits as accessories.

Thence,
S. 0° 14' E., on true line, continuing measurement of W. bdy. of sec. 18 (beginning of N. 1/2 of E. bdy. of sec. 13, T. 17 N., R. 11 E.)

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 18, T. 17 N., R. 12 E., marked on brass cap,

1/4 S18
1917

from which,
A cedar, 24 ins. in diam., brs. N. 25 1/2° E., 29 lks.
dist., mark "1/4 S 18 B T."
A cedar, 10 ins. diam., brs. S. 39 1/2° E., 98 lks.
dist., mark "1/4 S 18 B T."

57.04 Intersect point of original location of 1/4 sec. cor. of secs. 13 and 18. hereinbefore described. At this point, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 13, T. 17 N., R. 11 E., marked on brass cap,

1/4 S13
1917

Dig out the old pits to 18x18x12 ins. N. and S. of post, 3 ft. dist., leaving the old SW. bearing tree, and the old mound of earth, W. of cor. as accessories.

Thence,
S. 0° 26' E., on true line, continuing measurement of W. bdy. of sec. 18 (beginning of S. half of E. bdy. of sec. 13, T. 17 N., R. 11 E.)

16

16. Dependent resurvey of W. bdy. of Township 17 North, Range 12 East.

Chains
 79.00 Draw, course NE.
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 18 and 19, T. 17 N., R. 12 E., marked on brass cap,

T17N
 S18
 S19
 R12E

1917

from which,

- A cedar, 8 ins. in diam., brs. N. 72 $\frac{1}{2}$ ° E., 135 lks. dist., mark "T17N R12E S18 BT."
- A cedar, 12 ins. in diam., brs. S. 52° E., 91 lks. dist., mark "T17N R12E S19 BT."

Land, rolling.
 Soil, limestone, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering sagebrush and algerita.

17.21 S. 0° 26' E., on true line on W. bdy. of sec. 19, T. 17 N., R. 12 E. (E. of S. $\frac{1}{2}$ of E. bdy. of sec. 13, T. 17 N., R. 11 E.) Over rolling land, thru scattering timber and undergrowth. (40.17 chs. S. 0° 26' E., from $\frac{1}{4}$ sec. cor. of sec. 13) Intersect old cor. of secs. 13, 18, 19 and 24, hereinbefore described. Change this cor. to refer to secs. 13 and 24, T. 17 N., R. 11 E. only, as follows: Obliterate marking on old NE. and SE. bearing trees, leaving the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., and the old SW. bearing tree as accessories.

Thence,

S. 0° 19' E. on true line, continuing measurement of W. bdy. of sec. 19, T. 17 N., R. 12 E. (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 24, T. 17 N., R. 11 E.)

23.00 Edge of canyon, brs. NW. and SE. Descend 54 ft. to
 26.20 Bottom of canyon, course SE. Ascend gradual slope.
 32.00 Descend 29 ft. to
 35.40 Bottom of canyon, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19, T. 17 N., R. 12 E., marked on brass cap,

S19

1917

from which,

- A cedar, 14 ins. in diam., brs. N. 71 $\frac{1}{2}$ ° E., 33 lks. dist., mark " $\frac{1}{4}$ S 19 B T."
- A cedar, 8 ins. diam., brs. S. 15 $\frac{1}{4}$ ° E., 96 lks. dist., mark " $\frac{1}{4}$ S 19 B T."

57.35 (40.14 chs. S. 0° 19' E. from cor. of secs. 13 and 24) Intersect old $\frac{1}{4}$ sec. cor. of secs. 19 and 24, hereinbefore described. Change this cor. to refer to sec. 24, T. 17 N., R. 11 E. only, as follows: Obliterate marking on old NE. bearing tree, leaving the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., and the old NW. bearing tree as accessories.

Thence,

S. 1° 19' E., on true line, continuing measurement of W. bdy. of sec. 19, T. 17 N., R. 12 E. (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 24, T. 17 N., R. 11 E.)

67.00 Edge of Canyon Diablo, brs. E. and W. Descend 128 ft. to
 75.20 Stream of water in bottom of canyon Diablo, 30 lks. wide, 21 ins. deep, course E. Ascend 122 ft. to
 80.01 (80.00 chs. southing) Set an iron post, 3 ft. long, 3 ins. in diam., 10 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 19 and 30, T. 17 N., R. 12 E., marked on brass cap,

Dependent Resurvey of W. bdy. of Township 17 North, Range 12 East, 17

Chains.

T17N
S19
S30
R12E

1917

from which,

A pinyon, 12 ins. in diam., brs. N. 31 1/2° E., 49 lks. dist., mark "T17N R12E S19 BT."

A cedar, 8 ins. in diam., brs. S. 67° E., 40 lks. dist., mark "T17N R12E S30 BT."

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, scattering cedar and pinyon, oak and yellow pine in canyon.

Undergrowth, scattering algerita and buck brush.

S. 1° 19' E., on a true line on W. bdy. of sec. 30, T. 17 N., R. 12 E. (E. of S. 1/4 of E. bdy. of sec. 24, T. 17 N., R. 11 E.)

Over rolling land, thru dense timber and scattering undergrowth.

Ascend 55 ft. to

3.00 S. rim of canyon Diablo, brs. E. and W.

16.79 (39.45 chs. S. 1° 19' E. from 1/4 sec. cor. of sec. 24) Intersect old cor. of secs. 19, 24, 25 and 30, hereinbefore described. Change this cor. to refer to secs. 24 and 25, T. 17 N., R. 11 E. only, as follows: Obliterate marking on old NE. bearing tree, leaving old mound of stone, and old SW. bearing tree as accessories.

Thence,

S. 0° 53' E; on true line, continuing measurement of W. bdy. of sec. 30, T. 17 N., R. 12 E. (beginning of N. 1/4 of E. bdy. of sec. 25, T. 17 N., R. 11 E.)

38.00 Edge of ravine, course NW. Descend 36 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of sec. 30, T. 17 N., R. 12 E., marked on brass cap,

1/4 S30

1917

from which,

A pinyon, 10 ins. in diam., brs. N. 21 1/2° E., 55 lks. dist., mark "1/4 S 30 B T."

A cedar, 6 ins. in diam., brs. S. 45° E., 63 lks. dist., mark "1/4 S 30 B T."

41.70 Ravine, course N. 5° W. Ascend 38 ft. to

50:25 Edge of ravine, brs. NW. and SE.

56.75 (39.96 chs. S. 0° 53' E. from cor. of secs. 24 and 25) Intersect old 1/4 sec. cor. of secs. 25 and 30, hereinbefore described. Change this cor. to refer to sec. 25, T. 17 N., R. 11 E. only, as follows: Obliterate marking on old SE. bearing tree, leaving old mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., and old NW. bearing tree as accessories.

Thence,

S. 1° 23' W., on true line, continuing measurement of W. bdy. of sec. 30, T. 17 N., R. 12 E. (beginning of S. half of E. bdy. of sec. 25, T. 17 N., R. 11 E.)

80.01 (80.00 chs. southing) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 30 and 31, T. 17 N., R. 12 E., marked on brass cap,

T17N
S30
S31
R12E

1917

18. Dependent Resurvey of W. bdy. of Township 17 North, Range 12 East.

Chains.

from which,

A cedar, 10 ins. in diam., brs. N. 50 $\frac{1}{2}$ ° E., 63 lks.
dist., mark "T17N R12E S30 BT."

A cedar, 20 ins. diam., brs. S. 74 $\frac{1}{2}$ ° E., 40 lks.
dist., mark "T17N R12E S31 BT."

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, scattering algerita.

S. 1° 23' W., on true line, on W. bdy. of sec. 31, T. 17 N., R. 12 E. (E. of S. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 17 N., R. 11 E.)

Over rolling land, thru scattering timber and undergrowth, Ascend NE. slope, 143 ft.

15.32 4-strand wire fence, brs. SE. and NW.

17.00 Spur, slopes NW. Descend over rolling slopes.

17.72 (39.98 chs. S. 1° 23' W. from $\frac{1}{4}$ sec. cor. of sec. 25) Intersect old cor. of secs. 25, 30, 31 and 36, hereinbefore described. Change this cor. to refer to secs. 25 and 36, T. 17 N., R. 11 E. only, as follows: Obliterate marks on old SE. bearing tree, leaving old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., and old SW. bearing tree as accessories.

Thence,

S. 1° 23' W., on true line, continuing measurement of W. bdy. of sec. 31, T. 17 N., R. 12 E. (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 17 N., R. 11 E.)

31.67 Ravine, course W. Ascend 110 ft. on broken NW. slope, to

40.01 (40.00 chs. southing) set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 31, T. 17 N., R. 12 E., marked on brass cap,

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

1917

from which,

A cedar, 36 ins. diam., brs. N. 55° E., 27 lks.
dist., mark " $\frac{1}{4}$ S 31 B T."

A cedar, 12 ins. in diam., brs. S. 22 $\frac{1}{2}$ ° E., 47 lks. dist., mark " $\frac{1}{4}$ S 31 B T."

Ascend 100 ft. to

57.75 (40.03 chs. S. 1° 23' W. from cor. of secs. 25 and 36) Intersect old $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinbefore described. This cor. now refers to sec. 36, T. 17 N. R. 11 E. only. No change in marking or accessory is required.

Thence,

S. 2° 20' W., on true line continuing measurement of W. bdy. of sec. 31, T. 17 N., R. 12 E. (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 36).

64.61 Rim of mesa; thence across gently rolling mesa, covered with dense growth of cedar.

97.61 (39.86 chs. S. 2° 20' W., from $\frac{1}{4}$ sec. cor. of sec. 36 or 57.57 chs. southing from $\frac{1}{4}$ sec. cor. of sec. 31) Intersect the reestablished standard cor. of Ts. 17 N., Rs. 11 and 12 E. on 4th. Sta. Parallel North, hereinbefore described.

Land, rolling and mountainous.

Soil, limestone formation, 3rd and 4th rate.

Timber, scattering and dense cedar and pinyon.

Undergrowth, scattering buckbrush and algerita.

Retracement of part of N. bdy of Township 17 North, Range 12 East, 19

chains.

From the reestablished cor. of Ts. 17 and 18 N., R. 12 E., and
fracl. Ts. 17 and 18 N., R. 12 1/2 E. on 3rd. Guide Mer. East,
described in Book "G."

West, on random line, bet. secs. 1 and 36 (E. 1/2).

Over rolling land, thru scattering timber and undergrowth.

3.36

Draw, course NE.

40.17

Fall 13 lks. N. of original 1/4 sec. cor., which is a limestone
10x8x4 ins. above ground, firmly set, marked "1/4" on N.
face, and witnessed by two bearing trees, one each NE.
and SE. of cor., each properly marked.

True course and dist. of E 1/2 of line, bet. secs. 1 and 6
are therefore S. 89° 49' W., 40.17 chs.

Thence,

West, on random line, bet. secs. 1 and 36 (W. 1/2)

Over rolling land, thru scattering timber and undergrowth.

12.70

Old road brs. NE. and SW.

13.60

Road brs. N. to Winslow and S. to Camp Verde via Chaves Pass.

40.17

Intersect original cor. of secs. 1, 2, 35 and 36, which is
a limestone, 12x8x5 ins. above ground, firmly set,
marked "18N" on NE. face, "17N" on SW. face, "12E" on SE.
face, and 1 notch on E. edge, and 5 notches on W. edge,
and witnessed by 4 pits, one in each sec., and mound
of earth W. of cor. No bearing trees.

True course and dist. of W 1/2 of line bet. secs. 1 and 36
are therefore W., 40.17 chs.

Land, rolling.

Soil, rocky, 3rd rate.

Timber, scattering cedar.

Undergrowth, scattering scrub cedar and sage brush.

The original cor. of secs. 2, 3, 34 and 35 is a limestone,
12x10x6 ins. above ground, firmly set, marked "18N" on
NE. face, "12E" on SE. face, 2 notches on E. edge, 4
notches on W. edge, and witnessed by mound of stone, W.
of cor. No bearing trees.

Thence,

West, on random line, bet. secs. 3 and 34 (E. 1/2).

Over gently rolling land, general NE. drainage, thru.
scattering timber.

40.15

Intersect original 1/4 sec. cor., which is a limestone, 10x8x
5 ins. above ground, firmly set, marked "1/4" on N. face,
and witnessed by two pits, one each E. & W. of cor., and
mound of earth N. of cor. No bearing trees.

True course and dist. of E. 1/2 of line, bet. secs. 3 and 34
are therefore W., 40.15 chs.

Thence,

West, on random line bet. secs. 3 and 34. (W. 1/2).

Over rolling land, thru, scattering timber.

34.95

Draw, course NE.

40.09

Fall 2 lks. N. of original cor. of secs. 3, 4, 33 and 34, which
is a limestone, 12x8x6 ins. above ground, firmly set,
marked with 3 notches on each of E. and W. edges, and
witnessed by three bearing trees, one each NE., SE. and
SW. of cor., each properly marked, and 4 pits, one in
each sec. and mound of earth, W. of cor. No bearing
trees.

True course and dist. of W. 1/2 of line, bet. secs. 3 and 34
are therefore S. 89° 58' W., 40.09 chs.

Land, gently rolling.

Soil, limestone formation, 2nd rate.

Timber, scattering cedar.

Undergrowth, none.

20. Independent Resurvey of West half of North bdy. of T.17 N.R.12 E.

Chains

There being no accepted surveys tied to the west half of N. bdy. of T.17 N., R.12 E., resurvey the same due west, destroying the old cors., and reestablishing $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. common to areas in Ts.17 and 18 N., R.12 E., as follows:

From the original cor. of secs. 3, 4, 33 and 34, hereinbefore described,

West, on true line, bet. secs. 4 and 33.

Over rolling land, thru scattering timber.

30.78 Wash, 8 lks. wide, $1\frac{1}{2}$ ft. deep, course NE, Ascend gentle E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of secs. 4 and 33, marked on brass cap,

$\frac{1}{4}$ S 33
S 4
1917

from which,

A cedar, 8 ins. in diam., brs. N. $57\frac{1}{2}^{\circ}$ W., 177 lks. dist., mark " $\frac{1}{4}$ S 33 B T."

A cedar, 8 ins. diam., brs. S. 44° W., 333 lks. dist., mark " $\frac{1}{4}$ S 4 B T."

40.09 Destroy old $\frac{1}{4}$ sec. cor., which brs. N. 5 lks. dist.

42.60 Top of knoll, 60 ft. high.

48.30 Descend W. slope, 60 ft.

59.80 Draw, course NE, at foot of slope.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T18N | R12E
S32 | S33
S 5 | S 4
T17N
1917

from which,

A cedar, 14 ins. in diam., brs. S. $13\frac{3}{4}^{\circ}$ E., 241 lks. dist., mark "T17NR12E S4BT."

A cedar, 6 ins. in diam., brs. S. 63° W., 396 lks. dist., mark "T17N R12E S5 BT."

No other trees within limits.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling.

Soil, shallow, limestone formation, 2nd rate.

Timber, scattering cedar.

No undergrowth.

West, on true line, bet. secs. 5 and 32.

Over rolling land, thru scattering timber.

.07 Destroy the old cor. of secs. 4, 5, 32 and 33, which brs. N. 10 lks. dist.

37.90 Draw, course S.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor., of secs. 5 and 32, marked on brass cap,

$\frac{1}{4}$ S 32
S 5
1917

from which,

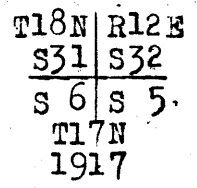
A cedar, 6 ins. in diam., brs. N. 26° W., 35 lks. dist., mark " $\frac{1}{4}$ S 32 B T."

A cedar, 6 ins. in diam., brs. S. 45° W., 34 lks. dist., mark " $\frac{1}{4}$ S 5 B T."

Independent Resurvey of W. half of North bdy. of T. 17 N., R. 12 E., 21

Chains.

- 40.11 Destroy the old sec. cor., which brs. N. 8 lks. dist.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 5, 6, 31 and 32, marked on brass cap,

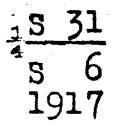


from which,

- A cedar, 6 ins. in diam., brs. S. 52° W., 401 lks. dist., mark "T17N R12E S6 BT."
- A cedar, 8 ins. in diam., brs. N. 39 1/4° W., 424 lks. dist., mark "T17N R12E S31 BT."

No other trees within limits.
 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling.
 Soil, shallow, limestone formation, 2nd rate.
 Timber, scattering cedar.
 No undergrowth.

- West, on true line, bet. secs. 6 and 31.
 Over rolling land, thru scattering timber.
- .24 Destroy the old cor. of secs. 5, 6, 31 and 32, which brs. N. 4 lks. dist.
- 18.10 Descend gradual NW. slope.
- 28.70 Draw, course NE. Ascend gradual SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of secs. 6 and 31, marked on brass cap,

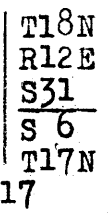


from which,

- A cedar, 14 ins. in diam., brs. N. 79° W., 65 lks. dist., mark "1/4 S 31 B T."

No other trees within limits.
 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

- 40.39 Destroy the old 1/4 sec. cor., which brs. N. 6 lks. dist.
 - 50.00 Timber becomes dense.
 - 76.31 Intersect E. bdy. of T. 18 N., R. 11 E., 11.15 chs. N. 0° 7' E. from the reestablished cor. of Ts. 17 and 18 N., R. 11 E., hereinbefore described.
- At the point of intersection,
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 17 and 18 N., R. 12 E., marked on brass cap,



from which,

- A cedar, 8 ins. in diam., brs. N. 81 1/4° E., 40 lks. dist., mark "T 18 N R 12 E S 31 B T."
- A cedar, 6 ins. in diam., brs. S. 21 1/2° E., 120 lks. dist., mark "T17N R12E S6 B T."

Destroy the old closing cor. of Ts. 17 and 18 N., R. 12 E., which brs. S. 72 1/4° W., 28 lks. dist.
 Land, rolling.

Soil, 1st and 2nd rate; limestone formation.
 Timber, cedar. No undergrowth.

22. Retracement of part of the subdivision lines of T. 17 N. R. 12 E.

Chains

- From original cor. of secs. 1, 2, 35 and 36 on N. bdy. of Tp., hereinbefore described, S. $0^{\circ} 1' E.$, (record course) on random line, bet. secs. 1 and 2 ($N. \frac{1}{2}$).
Over rolling land, thru scattering live timber, standing and fallen dead timber and scattering undergrowth.
- 12.60 Old road, brs. NE. and SW.
28.60 Road brs. NE. and SW.
40.00 Fall 11 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 2, which is a limestone, $8 \times 6 \times 6$ ins. above ground, firmly set, marked "1" on W. face, and witnessed by two bearing trees properly marked, one each NE. and SE. of cor. True course and dist. of $N. \frac{1}{2}$ of line, bet. secs. 1 and 2 are therefore S. $0^{\circ} 8' W.$, 40.00 chs.
Land, rolling.
Soil, gravelly and rocky, 8 to 12 ins. deep, 3rd rate.
Timber, scattering live and dead cedar, and pinyon.
Undergrowth, scattering sage brush.
-
- The original $\frac{1}{4}$ sec. cor. of secs. 2 and 11 is a limestone $11 \times 8 \times 6$ ins. above ground, firmly set, marked "1" on N. face, and witnessed by two pits, one each E. and W. of cor., and mound of earth, N. of cor. No bearing trees.
Thence, N. $89^{\circ} 57' W.$, (record course) on random line, bet. secs. 2 and 11 ($W. \frac{1}{2}$).
Over rolling land; thru scattering undergrowth.
- 9.10 Old road, brs. N. and S.
28.20 Old road, brs. NE. and SW.
40.05 Fall 6 lks. N. of original cor. of secs. 2, 3, 10 and 11, which is a limestone, $12 \times 7 \times 6$ ins. above ground, firmly set, marked with 2 notches on E. edge, and 5 notches on S. edge, and witnessed by 4 pits, one on each sec. and mound of earth W. of cor. No bearing trees.
True course and dist. of $W. \frac{1}{2}$ of line bet. secs. 2 and 11 are therefore S. $89^{\circ} 58' W.$, 40.05 chs.
Land, rolling.
Soil, sandy and gravelly, 3rd rate.
No timber.
Undergrowth, scattering scrub cedar and sage brush.
-
- The original cor. of secs. 15, 16, 21 and 22 is a limestone, $12 \times 8 \times 6$ ins. above ground, firmly set, marked with 3 notches on each of E. and S. edges, and witnessed by 4 pits, one in each sec., mound of earth W. of cor., and 3 bearing trees, one each NE., SE. and SW. of cor., each properly marked. True course on random line, bet. secs. 16 and 21 ($E. \frac{1}{2}$).
Thence, S. $89^{\circ} 58' W.$ (record course) on random line, bet. secs. 16 and 21 ($E. \frac{1}{2}$).
Over rolling land, thru scattering timber and undergrowth.
Ascend.
- 9.10 Old road, brs. N. and S.
28.20 Old road, brs. NE. and SW.
39.95 Fall 79 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 16 & 21, which is a limestone, $10 \times 8 \times 6$ ins. above ground, firmly set, marked "1" on N. face, and witnessed by two bearing trees properly marked, one each NW. and SE. of cor. True course and dist. of $E. \frac{1}{2}$ of line, bet. secs. 16 and 21 are therefore N. $88^{\circ} 52' W.$, 39.96 chs.
Thence, S. $89^{\circ} 58' W.$ (record course) on random line, bet. secs. 16 and 21 ($W. \frac{1}{2}$).
Over rolling land, thru scattering timber and undergrowth.
Ascend.
- 33.00 Ridge, brs. N. and S. Descend.
40.23 Fall 8 lks. S. of original cor. of secs. 16, 17, 20 and 21, which is a limestone, $12 \times 12 \times 6$ ins. above ground, firmly set, marked with 3 notches on S. edge, and 4 notches on E.

Retracement of part of the subdivision lines of T.17 N. R.12 E. 23

Chains.

edge, and witnessed by mound of stone, W. of cor., and 3 bearing trees properly marked, one each NW., NE. and SE. of cor.

True course and dist. of $W.\frac{1}{2}$ of line, bet. secs. 16 and 21 are therefore, N. $89^{\circ} 55' W.$, 40.23 chs.

Land, rolling.

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

Timber, scattering cedar.

Undergrowth, scattering scrub cedar and sage brush.

Resurvey of part of the Subdivision lines of T.17 N.R.12E.

Retracement for Resurvey.

From original $\frac{1}{4}$ sec. cor. of secs. 1 and 2, hereinbefore described,

S. $0^{\circ} 1' E.$ (record course) on random line, on E. bdy. of sec. 2 ($S.\frac{1}{2}$).

40.15 Fall 6 lks. E. of original cor. of secs. 1, 2, 11 and 12, which is a limestone, 8x6x5 ins. above ground, firmly set, marked with 1 notch on E. edge and 5 notches on S. edge, and witnessed by four bearing trees, properly marked, one in each sec.

True course and dist. of $S.\frac{1}{2}$ of E. bdy. of sec. 2 are therefore S. $0^{\circ} 4' W.$, 40.15 chs.

m

From original cor. of secs. 1, 2, 11 and 12, described above, N. $89^{\circ} 57' W.$, (record course) on random line, bet. secs. 2 and 11 ($E.\frac{1}{2}$).

40.13 Fall 1 lk. N. of original $\frac{1}{4}$ sec. cor. of secs. 2 and 11, hereinbefore described.

True course and dist. of $E.\frac{1}{2}$ of line bet. secs. 2 and 11 are therefore N. $89^{\circ} 58' W.$, 40.13 chs.

From original cor. of secs. 2, 3, 10 and 11, hereinbefore described,

S. $0^{\circ} 1' E.$ (record course) on random line, on E. bdy. of sec. 10 ($N.\frac{1}{2}$).

40.12 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 10 and 11, which is a limestone, 8x8x4 ins. above ground, firmly set, marked "1" on W. face, and witnessed by 2 bearing trees properly marked, one each NE. and NW. of cor.

True course and dist. of $N.\frac{1}{2}$ of E. bdy. of sec. 10 are therefore S. $0^{\circ} 1' E.$, 40.12 chs.

thence,

S. $0^{\circ} 1' E.$ (record course) on random line, on E. bdy. of sec. 10 ($S.\frac{1}{2}$).

40.13 Intersect the original cor. of secs. 10, 11, 14 and 15, which is a limestone 10x7x5 ins. above ground, firmly set; marked with 2 notches on E. and 4 notches on S. edges, and witnessed by 4 bearing trees properly marked, one in each sec.

True course and dist. of $S.\frac{1}{2}$ of E. bdy. of sec. 10 are therefore S. $0^{\circ} 1' E.$, 40.13 chs.

From original cor. of secs. 10, 11, 14 and 15, described above,

S. $0^{\circ} 1' E.$ (record course) on random line, on E. bdy. of sec. 15 ($N.\frac{1}{2}$).

40.10 Fall 4 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 14 and 15, which is a limestone, 8x8x6 ins. above ground, firmly set, marked "1" on W. face, and witnessed by two bearing trees properly marked, one each NW. and NE. of cor.

True course and dist. of $N.\frac{1}{2}$ of E. bdy. of sec. 15 are therefore S. $0^{\circ} 2' W.$, 40.10 chs.

24 Resurvey of part of Subdivision lines of T. 17 N., R. 12 E.

Chains.

- Thence,
S. 0° 1' E. (record course) on random line on E. bdy. of sec. 15
(S. $\frac{1}{2}$).
- 40.15 Intersect original cor. of secs. 14, 15, 22 and 23, which
is a limestone, 8x8x6 ins. above ground, firmly set,
marked with 2 notches on E. edge and 3 notches on S. edge,
and witnessed by four bearing trees, properly marked, one
in each sec.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 15 are
therefore S. 0° 1' E., 40.15 chs.
-
- From original cor. of secs. 14, 15, 22 and 23, described
above,
S. 0° 1' E. (record course) on random line, on E. bdy. of
sec. 22 (N. $\frac{1}{2}$).
- 40.08 Fall 4 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 22 and 23,
which is a limestone, 10x6x4 ins. above ground, firmly
set, marked "2" on W. face, and witnessed by 2 pits, one
each N. and S. of cor., and mound of earth W. of cor. No
bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 22 are
therefore S. 0° 2' W., 40.08 chs.
-
- Thence,
S. 0° 1' E. (record course) on random line, on E. bdy. of sec.
22 (S. $\frac{1}{2}$).
- 40.28 Fall 2 lks. W. of original cor. of secs. 22, 23, 26 and 27,
which is a limestone, 10x8x6 ins., above ground, firmly
set, marked with 2 notches on each of E. and S. edges,
and witnessed by 4 bearing trees, properly marked, ^{one} in each
sec.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 22 are there-
fore S. 0° 3' E., 40.28 chs.
-
- From original cor. of secs. 22, 23, 26 and 27, described
above,
S. 89° 56' W. (record course) on random line, bet. secs. 22
and 27 (E. $\frac{1}{2}$).
- 40.24 Fall 12 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 22 and 27,
which is a limestone 8x6x5 ins. above ground firmly
set, marked "2" on N. face, and witnessed by 2 pits, one
each E. and W. of cor., and mound of earth, N. of cor.
No bearing trees.
True course and dist. of E. $\frac{1}{2}$ of line, bet. secs. 22 and 27
are therefore N. 89° 54' W., 40.24 chs.
- Thence,
S. 89° 56' W. (record course) on random line, bet. secs. 22
and 27 (W. $\frac{1}{2}$).
- 40.06 Fall 19 lks. N. of original cor. of secs. 21, 22, 27 and 28,
which is a limestone, 12x6x6 ins. above ground, firmly
set, marked with 3 notches on E. edge, and 2 notches
on S. edge, and witnessed by four pits, one in each sec.
mound of earth, W. of cor. and 3 bearing trees properly
marked, one each NE., SE., and NW. of cor.
True course and dist. of W. $\frac{1}{2}$ of line bet. secs. 22 and 27,
are therefore S. 89° 40' W., 40.06 chs.
-
- From original cor. of secs. 21, 22, 27 and 28, described above,
N. 0° 2' W. (record course) on random line, on W. bdy. of sec.
22 (S. $\frac{1}{2}$).
- 40.28 Fall 5 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 21 and 22, which
is a limestone, 12x6x6 ins. above ground, firmly set,
marked "2" on W. face, and witnessed by mound of stone
W. of cor. No bearing trees.

Resurvey of part of Subdivision lines of T.17 N., R. 12 E.

Chains.

True course and dist. of S. 1/2 of W. bdy. of sec. 22 are therefore S.0° 6' E., 40.28 chs.

Thence, N.0° 2' W., (record course) on random line, on W. bdy. of sec. 22 (N. 1/2)

40.24 Fall 7 lks. E. of original cor. of secs. 15, 16, 21 and 22, hereinbefore described in notes of retracement of line bet. secs. 16 and 21.

True course and dist. of N. 1/2 of W. bdy. of sec. 22 are therefore S.0° 8' E., 40.24 chs.

RESURVEY:

From the results of the Retracement for Resurvey hereinbefore described, proceed to the Resurvey of part of the Subdivision lines of T.17 N., R.12 E. as follows:

From original 1/4 sec. cor. of secs. 1 and 2, hereinbefore described,

S.0° 4' W., on true line, on S. 1/2 of E. bdy. of sec. 2.

Over rolling land, thru scattering live timber, standing and fallen dead timber, and scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, surrounded by a mound of stone, for re-established cor. of secs. 1 and 12, marked on brass cap,

T17N
S1
S12
R12E

1917

from which,

A pinyon, 12 ins. in diam., brs. N.46 1/2° E., 149 lks. dist., mark "T17N R12E S1 BT"

A cedar, 16 ins. in diam., brs. S.69° E., 139 lks. dist., mark "T17N R12E S12 BT"

Continue line and measurement of S. 1/2 of E. bdy. of sec. 2 (W. of sec. 12).

40.15 Intersect original cor. of secs. 1, 2, 11 and 12, hereinbefore described. Change this cor. to refer to secs. 2 and 11 only, by obliterating notch on E. edge of stone, marking 1 notch on N. edge of stone, and obliterating marking on NE. and SE. bearing trees, leaving old NW. and SW. bearing trees as accessory.

From reestablished cor. of secs. 2 and 11, described above N.89° 58' W., on true line, bet. secs. 2 and 11 (E. 1/2).

Over rolling land, thru scattering live and dead timber, and scattering undergrowth.

13.60 Wash, 30 lks. wide, course NE.

20.30 Road, brs. NE. and SW.

35.00 Old road, brs. NE. and SW.

40.13 Intersect original 1/4 sec. cor. of secs. 2 and 11, hereinbefore described.

This cor. retains its original designation. No change made.

Land, rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, scattering cedar and pinyon, live and dead.

Undergrowth, scattering sage brush.

From original cor. of secs. 2, 3, 10 and 11, hereinbefore described,

S.0° 1' E., on true line on E. bdy. of sec. 10.

26. Resurvey of Part of Subdivision lines of T.17 N., R.12 E.

Chains.

- 18.60 Over rolling land, thru. scattering timber and undergrowth, Gulch, 35 ft. deep, course NW.
- 23.90 Old road, brs.E. and W. At about 3 chs.E.of line, road forks to NE.,E. and SE.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 8 ins.in the ground, surrounded by a mound of stone, for reestablished $\frac{1}{4}$ sec.cor. of sec.11, marked on brass cap,

| $\frac{1}{4}$ S11
1917

from which,

- A cedar, 8 ins. in diam., brs.N.73 $\frac{1}{2}$ ° E., 24 lks. dist., mark " $\frac{1}{4}$ S 11 BT."
- A cedar, 14 ins. in diam., brs.S.37° E., 365 lks. dist., mark " $\frac{1}{4}$ S 11 B T."
- Continue line and measurement of E. bdy. of sec.10.
- 40.12 Intersect the original $\frac{1}{4}$ sec.cor. of secs.10 and 11, hereinbefore described. Change this cor. to refer to sec. 10 only, by obliterating marking on old NE. bearing tree as follows:
On a cedar, 14 ins. in diam., S. 42 $\frac{1}{2}$ °W., 287 lks. dist., mark " $\frac{1}{4}$ S 10 B T."
and leave the old NW. bearing tree undisturbed.
- Continue line and measurement of E. bdy. of sec.10.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs.11 and 14, marked on brass cap,

| T17N
| S11
| S14
| R12E
1917

from which,

- A cedar, 16 ins. in diam., brs.N.79 $\frac{1}{2}$ ° E., 140 lks.dist., mark "T17N R12E S11 BT."
- A cedar, 8 ins.in diam., brs.S.20 $\frac{1}{4}$ °E., 41 lks.dist. mark "T17N R12E S14 BT."
- Continue line and measurement of E. bdy. of sec.10 (W.of sec.14).
- 80.25 Intersect original cor. of secs.10,11,14 and 15, hereinbefore described.
Change this cor.to refer to secs.11 and 14 by obliterating notches on E. edge of stone, marking 2 notches on N.edge of stone, obliterating marking on old NE. and SE. bearing trees, leaving old NW. and SW. bearing trees as accessory.
- Land, rolling.
- Soil, gravelly and rocky, 4 to 12 ins.deep, 3rd rate.
- Timber, scattering cedar and pinyon.
- Undergrowth, scattering sagebrush.

From reestablished cor.of secs. 11 and 14, described above,

- S.0°2'W., on true line, on E. bdy. of sec.15.
- Over rolling land, thru. scattering timber and undergrowth.
- 23.65 Road brs.NE. and SW.
- 39.75 (40.00 chs.from cor. of secs.11 and 14) Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor. of sec.14, marked on brass cap,

| $\frac{1}{4}$ S14
1917

from which,

- A cedar, 10 ins.in diam., brs.N.49°E., 345 lks. dist., mark " $\frac{1}{4}$ S 14 BT."

Resurvey of part of subdivision lines of T.17 N. R.12 E. 27

Chains.

A cedar, 16 ins. in diam., brs. S. 82 1/2° E., 295 lks. dist., mark 1/4 S 14 BT.
 Continue line and measurement of E. bdy. of sec. 15.
 40.10 Intersect the original 1/4 sec. cor. of secs. 14 and 15, hereinbefore described. Change this cor. to refer to sec. 15 only by obliterating marking on old NE. bearing tree, and establishing a new bearing tree as follows:
 On a cedar limb, 7 ins. in diam., S. 88 1/2° W., 233 lks. dist., mark 1/4 S 15 BEA. bearing tree and leaving old NW. bearing tree undisturbed.

Thence,
 S. 0° 1' E., on true line, continuing measurement of E. bdy. of sec. 15.
 46.30 Old road brs. NE. and SW.
 53.95 Wash, 4 lks. wide, 1 ft. deep, course NE.
 76.95 Old road brs. NE. and SW.
 79.75 (80.00 chs. from cor. of secs. 11 and 14), set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 14 and 23, marked on brass cap,

T17N
 S14
 S23
 R12E
 1917

from which,
 A cedar, 8 ins. in diam., brs. N. 61° E., 41 lks. dist., mark "T17N R12E S14BT."
 A cedar, 8 ins. in diam., brs. S. 34° E., 195 lks. dist., mark "T17N R12E S23BT."
 Continue line and measurement of E. bdy. of sec. 15.
 80.25 Intersect original cor. of secs. 14, 15, 22 and 23, hereinbefore described. Change this cor. to refer to secs. 15 and 22 only, by obliterating notches on E. edge of stone marking 3 notches on N. edge of stone, obliterating marking on old NE. and SE. bearing trees, and leaving old NW. and SW. bearing trees as accessories.
 Land, rolling.
 Soil, sandy and gravelly, 4 to 14 ins. deep, 3rd rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering sage brush.

 From reestablished cor. of secs. 15 and 22, described above,
 S. 0° 2' W., on true line, on E. bdy. of sec. 22.
 Over rolling land, thru scattering timber and undergrowth,
 12.08 Road brs. NE. and SW.
 39.50 (40.00 chs. from cor. of secs. 14 and 23), set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 23, marked on brass cap.

1/4 S23
 1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 Continue line and measurement of E. bdy. of sec. 22.
 40.08 Intersect the original 1/4 sec. cor. of secs. 22 and 23, hereinbefore described. This cor. now refers to sec. 22 only. Dig put the old pits to proper size. No change in marking or accessory required.
 Thence,
 S. 0° 3' E., on true line, continuing measurement of E. bdy. of sec. 22.
 78.00 Leave scattering and enter dense timber.
 79.50 (80.00 chs. from cor. of secs. 14 and 23), set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, supported by a mound of stone, for reestablished cor. of secs.

28 Resurvey of part of subdivision lines of T.17 N., R.12 N.

Chains.

23 and 26, marked on brass cap,

T17N
S23
S26
R12E
1917

from which,

A cedar, 18 ins. in diam., brs. N.47½°E., 73 lks. dist., mark "T17N R12E S23 BT."

A pinyon, 12 ins. in diam., brs. S.19°E., 70 lks. dist., mark "T17NR12E S26 BT."

Continue line and measurement of E. bdy. of sec. 22 (W. of sec. 26).

80.36 Intersect original cor. of secs. 22, 23, 26 and 27, hereinbefore described. Change this cor. to refer to secs. 22 and 27 only, by obliterating notches on E. edge of stone, marking 4 notches on N. edge, obliterating notches on E. edge of stone, marking 4 notches on N. edge, obliterating marking on old NE. and SE. bearing trees, and leaving old NW. and SW. bearing trees as accessories. Land, rolling. Soil, sandy, gravelly and rocky, 4 to 14 ins. deep, 3rd rate. Timber, cedar and pinon, scattering and dense as noted. Undergrowth, scattering sage brush.

From reestablished cor. of secs. 22 and 27, described above, N.89°54'W., on true line, on E. ½ of line, bet. secs. 22 and 27.

Over level land, thru scattering timber and undergrowth.

5.24 Draw, course NE.
 12.24 Road brs. NE. and SW.
 18.84 SE. cor. of wire fence (4 strand) brs. N. about 150 lks. dist. Thence line parallels fence at about 150 lks. S. therefrom.
 28.50 Old road brs. N. and S.
 39.24 Center of rock dam, brs. N. about 25 chs. dist.
 40.24 Intersect original ¼ sec. cor. of secs. 22 and 27, hereinbefore described.

This cor. retains its original designation. No change made.

Thence, S.89°40'W. on true line, on W. ½ of line, bet. secs. 22 and 27.

Over level land, thru scattering timber and undergrowth, parallel to and 150 lks. S. of wire fence, bearing E. and W.

11.06 Drain, 6 lks. wide, 3 ft. deep, course N.
 17.26 SW. cor. of wire fence, brs. N. about 150 lks. dist., from which fences extend E. and N.
 40.06 Intersect the original cor. of secs. 21, 22, 27 and 28, hereinbefore described.

Change this cor. to refer to secs. 22 and 27 only by filling in the old pits, destroying the old mound of earth, obliterating notches on E. edge of stone, marking 4 notches on N. edge of stone, obliterating marking on old NW. bearing tree, raising a mound of stone, 2 ft. base, 1½ ft. high, E. of cor., and leaving old NE. and SE. bearing trees undisturbed.

Land, level.
 Soil, silt, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, scattering sage brush.

From original cor. of secs. 15, 16, 21 and 22, hereinbefore described, S.0°8'E., on true line, on W. bdy. of sec. 22. Over rolling land, thru scattering timber and undergrowth.

Resurvey of part of Subdivision ~~lines~~ of T.17 N., R.12 E. 29.

Chains.

Ascend 33 ft.
 10.00 Low ridge, brs. E. and W. Descend 40. ft.
 37.00 Draw, course NW.
 39.14 A point 40.00 chs. S. of E. and W. line, thru original cor. of secs. 16, 17, 20 and 21, as determined by the retracement of line bet. secs. 16 and 21, hereinbefore described.
 At this point,
 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground surrounded by a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 21 only, marked on brass cap,

S21
 1917

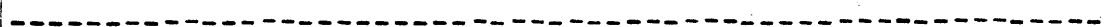
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Continue line and measurement of W. bdy. of sec. 22.
 40.24 Intersect original $\frac{1}{4}$ sec. cor. of secs. 21 and 22, hereinbefore described. Change this cor. to refer to sec. 22 only, by obliterating marking on W. face of stone, marking "1" on E. face of stone, destroying mound of stone, W. of cor., and raising a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

Thence,
 S. 0° 6' E., on true line, continuing measurement of W. bdy. of sec. 22.
 Over rolling land, thru scattering timber and undergrowth.
 Ascend.

41.00 Spur, slopes E. Descend.
 44.24 Draw, course NE.
 55.24 Leave timber, brs. E. and W.
 79.14 (40.00 chs. from $\frac{1}{4}$ sec. cor. of sec. 21), Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, surrounded by a mound of stone, for reestablished cor. of secs. 21 and 28, marked on brass cap,

T17N
 S21
 S28
 R12E
 1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Continue line and measurement of W. bdy. of sec. 22 (E. of sec. 28).
 80.52 Intersect the reestablished cor. of secs. 22 and 27, hereinbefore described.
 Land, rolling.
 Soil, rocky, 3rd rate.
 Timber, scattering cedar and juniper.
 Undergrowth, scattering sage brush and algerita.



30. Survey of Completion of Subdivision of T. 17 N., R. 12 E.

Chains

From the reestablished cor. of secs. 1 and 12, hereinbefore described,
East, on a random line, bet. secs. 1 and 12.

40.00

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

80.48

Intersect E. bdy. of Tp. (3rd. Guide Mer. E.) 14 lks. S. of the reestablished cor. of secs. 1, 3, 10 and 12, described in Book "H."

Thence,

S. $89^{\circ}54'$ W., on true line, bet. secs. 1 and 12.

Over rolling land, thru scattering live and dead timber, and scattering undergrowth.

38.48

Draw, course NE.

40.24

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

S 1
 $\frac{1}{4}$
S 12
1917

from which,

A cedar, 8 ins. in diam., brs. N. 8° W., 217 lks. dist., mark " $\frac{1}{4}$ S 1 B T."

A cedar, 14 ins. diam., brs. S. $26\frac{1}{2}^{\circ}$ E., 263 lks. dist., mark " $\frac{1}{4}$ S 12 B T."

80.48

The reestablished cor. of secs. 1 and 12, (SW. and NW. cor.) Land, rolling.

Soil, stony, 4 to 10 ins. deep, 3rd rate.

Timber, scattering live and dead cedar and pinon.

Undergrowth, scattering sagebrush.

From reestablished cor. of secs. 1 and 12, hereinbefore described,

S. $0^{\circ}4'$ W., on true line, on W. bdy. of sec. 12 (E. of sec. 2).

Over gently rolling land, ascending NW. slope, thru scattering timber and undergrowth.

0.15

Intersect reestablished cor. of secs. 2 and 11, hereinbefore described.

Thence,

S. $0^{\circ}1'$ E., on true line, continuing measurement of W. bdy. of sec. 12 (E. of sec. 11.)

40.00

(39.85 chs. S. $0^{\circ}1'$ E. from reestablished cor. of secs. 2 and 11),

Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 11 and 12, marked on brass cap,

S 11 | S 12
 $\frac{1}{4}$
1917

from which,

A pinyon, 8 ins. in diam., brs. N. $15\frac{1}{2}^{\circ}$ E., 75 lks. dist., mark " $\frac{1}{4}$ S 12 B T."

A cedar, 8 ins. in diam., brs. S. $37\frac{1}{2}^{\circ}$ W., 62 lks. dist., mark " $\frac{1}{4}$ S 11 B T."

59.00

Low ridge, brs. NE. and SW.

65.00

Timber, becomes less dense.

80.00

(79.85 chs. S. $0^{\circ}1'$ E. from reestablished cor. of secs. 2 and 11), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked on brass cap,

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

Chains

T17N R12E
S11 | S12
S14 | S13
1917.

from which,
A cedar, 5 ins. diam., brs. N. 8° E.
42 lks. dist.; mkd. T 17 N R 12 E S 12 B T.
A cedar, 8 ins. diam., brs. S. 17½° E.
235 lks. dist.; mkd. T 17 N R 12 E S 13 B T.
A cedar, 12 ins. diam., brs. S. 78¼° W.
270 lks. dist.; mkd. T 17 N R 12 E S 14 B T.
A cedar, 12 ins. diam., brs. N. 61¾° W.
257 lks. dist.; mkd. T 17 N R 12 E S 11 B T.

Land, gently rolling.
Soil, shallow, sandy, 1st rate.
Timber, scattering cedar.
Undergrowth, low brush.
Poor growth of grass.

40.00 West on a random line bet. secs. 11 and 14.
Set temp. ¼ sec. cor.
80.30 Intersect N. and S. line, 14 lks. N. of the reestablished
cor. of secs. 11 and 14, hereinbefore described.
Thence
N. 89° 54' E. on a true line bet. secs. 11 and 14.
Over gently rolling land, through scattering timber and
undergrowth.
16.90 Dim road brs. SE. and NW.
19.30 Leave timber, brs. SE. and NW.
28.20 Road brs. NE. and SW.
40.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., mkd. on brass cap

1/4 S 11
1/4 S 14
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
42.00 Draw, course N.
47.30 Enter timber, brs. N. and S.
59.30 Low ridge brs. NW. and SE.
80.30 The cor. of secs. 11, 12, 13 and 14.
Land, gently rolling.
Soil, shallow, 1st and 2nd rate, limestone formation.
Timber, scattering cedar as indicated.
Undergrowth, low brush.

40.00 N. 89° 54' E. on a random line bet. secs. 12 and 13.
Set temp. ¼ sec. cor.
80.44 Intersect East bdy. of Tp., (3rd. Guide Mer. E.), 6 lks. S. of
the reestablished cor. of secs. 10, 12, 13 and 15, described
in Book "H." Thence,
S. 89° 51' W. on a true line bet. secs. 12 and 13.
Over gently rolling land, NE. drainage, through scattering
undergrowth.
8.10 Draw, course NE.
40.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., mkd. on brass cap

1/4 S 12
1/4 S 13
1917

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

Chains	<p>dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p>
80.44	<p>The cor. of secs. 11, 12, 13 and 14. Land, gently rolling. Soil, shallow sandy soil, limestone formation, 1st and 2nd rates. No timber. Undergrowth, low brush.</p>
40.00	<p>S. 0° 1' E. bet. secs. 13 and 14. Over gently rolling land, NE. drainage, through scattering timber and undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap</p> <p style="text-align: center;"> $\frac{1}{4}$ S14 S13 1917 </p> <p>from which, A cedar, 8 ins. diam., brs. S. 22° E. 9 lks. dist.; mkd. $\frac{1}{4}$ S 13 B T. A pinyon, 10 ins. diam., brs. N. 86° W. 227 lks. dist.; mkd. $\frac{1}{4}$ S 14 B T.</p>
59.70	Draw, course NE.
75.50	Draw, course NE.
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, mkd. on brass cap</p> <p style="text-align: center;"> T17N R12E S14 S13 S23 S24 1917 </p> <p>from which, A cedar, 8 ins. diam., brs. S. 15$\frac{1}{4}$° E. 324 lks. dist.; mkd. T 17 N R 12 E S 13 B T. A cedar, 6 ins. diam., brs. S. 6$\frac{1}{4}$° W. 483 lks. dist.; mkd. T 17 N R 12 E S 23 B T. A cedar, 10 ins. diam., brs. N. 42° W. 411 lks. dist.; mkd. T 17 N R 12 E S 14 B.T.</p> <p>No other trees within limits. Dig one pit, 18 X 18 X 12 ins., in sec. 24, 5$\frac{1}{2}$ ft. dist. Land, gently rolling. Soil, sandy, 2nd rate. Timber, scattering cedar and pinyon. Undergrowth, low brush.</p>
40.00	S. 89° 54' W. on a random line bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
80.36	Intersect N. and S. line, 5 lks. N. of the reestablished cor. of secs. 14 and 23, hereinbefore described. Thence
4.70	N. 89° 52' E. on a true line bet. secs. 14 and 23. Over gently rolling land, through scattering timber and undergrowth.
39.40	Dim road brs. NE. and SW.
40.18	Wash in draw, 7 lks. wide, 1 $\frac{1}{2}$ ft. deep, course NE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap <p style="text-align: center;"> $\frac{1}{4}$ S 14 $\frac{1}{4}$ S 23 1917 </p>

Survey of Completion of Subdivision of T. 17 N., R. 12 E. 47

Chains

from which,
 A cedar, 14 ins. diam., brs. N. 71° E.
 388 lks. dist.; mkd. 1/4 S 14 B T.
 A cedar, 14 ins. diam., brs. S. 44 1/4° E.
 226 lks. dist.; mkd. 1/4 S 23 B T.
 76.56 Draw, course NE.
 80.36 The cor. of secs. 13, 14, 23 and 24.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, low brush.

40.00 N. 89° 51' E. on a random line bet. secs. 13 and 24.
 Set temp. 1/4 sec. cor.
 80.44 Intersect E. bdy. of Tp. (3rd Guide Mer. E.) 2 lks. S. of the
 reestablished cor. of secs. 13, 15, 22 and 24, described
 in Book "H." Thence,
 S. 89° 50' W. on a true line bet. secs. 13 and 24.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gentle slope 50 ft. to.
 11.44 Top of slope. Desc. gradual W. slope.
 21.25 Wash 10 lks. wide, 1 1/2 ft. deep, in draw, course N.
 23.74 Road brs. NE. and SW.
 40.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 13
 1/4 S 24
 1917.

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 Asc. E. slope, to
 52.44 Low ridge brs. N. and S. Desc. gradual W. slope.
 55.00 Wash, 30 lks. wide, 2 ft. deep, in draw, course N.
 80.44 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling.
 Soil, shallow, sandy, limestone formation, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, low brush.

S. 0° 1' E. bet. secs. 23 and 24.
 Over rolling land, through scattering timber and under-
 growth.
 32.00 Draw, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 23 | 1/4 S 24
 1917

from which,
 A cedar, 18 ins. diam., brs. S. 11 1/4° E.
 450 lks. dist.; mkd. 1/4 S 24 B T.
 A cedar, 6 ins. diam., brs. S. 71 3/4° W.
 379 lks. dist.; mkd. 1/4 S 23 B T.
 67.80 Road brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, mkd. on
 brass cap

34 Survey of Completion of Subdivision of T. 17 N., R. 12 E.

Chains

T17N R12E
 S23|S24
 S26|S25
 1917

from which,

- A cedar, 10 ins. diam., brs. S. 54° E.
 274 lks. dist.; mkd. T 17 N R 12 E S 25 B T.
- A cedar, 14 ins. diam., brs. S. 84½° W.
 394 lks. dist.; mkd. T 17 N R 12 E S 26 B T.
- A cedar, 8 ins. diam., brs. N. 52½° W.
 344 lks. dist.; mkd. T 17 N R 12 E S 23 B T.

No other trees within limits.

Dig one pit, 18 X 18 X 12 ins., in sec. 24, 5½ ft. dist.
 Land, rolling.

Soil, sandy loam with scattering rocks, 1st and 2nd rates.

Timber, scattering cedar.

Undergrowth, low brush.

40.00
 80.36

S. 89° 52' W. on a random line bet. secs. 23 and 26.

Set temp. ¼ sec. cor.

Intersect N. and S. line 3 lks. S. of the reestablished
 cor. of secs. 23 and 26, hereinbefore described.

Thence

N. 89° 53' E. on a true line bet. secs. 23 and 26.

Over rolling land, through dense timber and scattering
 undergrowth.

25.00
 40.18

Leave dense timber, enter scattering timber.

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

1S 23
 4S 26
 1917

from which,

- A cedar, 10 ins. diam., brs. N. 2½° E.
 155 lks. dist.; mkd. ¼ S 23 B T.
- A cedar, 24 ins. diam., brs. S. 61° W.
 242 lks. dist.; mkd. ¼ S 26 B T.

50.00
 51.00
 71.60
 80.36

Old road brs. NE. and SW.

Draw, course NE.

Road brs. NE. and SW.

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

Land, rolling.

Soil, rocky, 4 to 10 ins. deep, 3rd rate.

Timber, cedar and pinyon.

Undergrowth, scattering sagebrush.

40.00
 80.44

N. 89° 50' E. on a random line bet. secs. 24 and 25.

Set temp. ¼ sec. cor.

Intersect E. bdy. of Tp., (3rd Guide Mer. E.) at the rees-
 tablished cor. of secs. 22, 24, 25 and 27, described

in Mine Book "H." Thence

S. 89° 50' W. on a true line bet. secs. 24 and 25.

40.22
 40.22

Over rolling land, through scattering undergrowth.

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

1S 24
 4S 25
 1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.

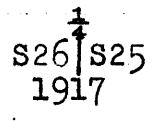
Survey of Completion of Subdivision of T. 17 N., R. 12 E. 35

Chains
72.13
80.44

Wash, 30 lks. wide, course NE. Enter timber brs. N. & S.
The cor. of secs. 23, 24, 25 and 26.
Land, rolling.
Soil, stony, 3rd rate.
Timber, scattering cedar.
Undergrowth, scattering sagebrush.

25.20
30.00
40.00

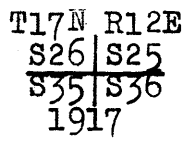
S. 0° 1' E. bet. secs. 25 and 26,
Over rolling land, NE. drainage, through scattering timber
and undergrowth.
Draw, course NE.
Draw, course NW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., mkd. on brass cap



from which,
A cedar, 8 ins. diam., brs. S. 7° E.
266 lks. dist.; mkd. 1/4 S 25 B T.
A cedar, 10 ins. diam., brs. N. 72° W.
160 lks. dist.; mkd. 1/4 S 26 B T.

69.30
73.20
80.00

Dim road brs. SE. and NW.
Draw, course N. 10° W.
Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
ground, in a mound of stone, for cor. of secs. 25, 26,
35 and 36, mkd. on brass cap



from which,
A cedar, 15 ins. diam., brs. N. 85 1/2° E.
397 lks. dist.; mkd. T 17 N R 12 E S 25 B T.
A cedar, 24 ins. diam., brs. S. 48 1/2° E.
383 lks. dist.; mkd. T 17 N R 12 E S 36 B T.
A cedar, 30 ins. diam., brs. S. 35 3/4° W.
202 lks. dist.; mkd. T 17 N R 12 E S 35 B T.
A cedar, 8 ins. diam., brs. N. 30 3/4° W.
175 lks. dist.; mkd. T 17 N R 12 E S 26 B T.

Land, gently rolling.
Soil, shallow rocky, limestone outcroppings, 3rd rate.
Timber, cedar.
Undergrowth, scattering sagebrush.

40.00
80.48
8.48
33.50
40.24

N. 89° 50' E. on a random line bet. secs. 25 and 36.
Set temp. 1/4 sec. cor.
Intersect E. bdy. of Tp., (3rd Guide Mer. E.) at the rees-
tablished cor. of secs. 25, 27, 34 and 36, described in
the Book "H." Thence,
S. 89° 50' W. on a true line bet. secs. 25 and 36.
Over gently rolling land, NW. drainage, through scattering
timber and undergrowth.
Asc. gradual E. slope.
Top of slope. Thence over rolling land.
Desc. SW. slope into draw.
Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground, in a mound of stone, for 1/4 sec. cor., mkd. on
brass cap

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

Chains

S 25
4 S 36
1917

from which,
 A cedar, 8 ins. diam., brs. N. 44 $\frac{1}{2}$ ° W.
 460 lks. dist.; mkd. $\frac{1}{4}$ S 25 B T.
 A cedar, 5 ins. diam., brs. S. 73 $\frac{3}{4}$ ° W.
 410 lks. dist.; mkd. $\frac{1}{4}$ S 36 B T.
 71.80 Dim road brs. SE. and NW.
 74.40 Draw, course NW.
 80.48 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling.
 Soil, rocky, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, low brush.

40.00 S. 0° 1' E. on a random line bet. secs. 35 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 86.62 Intersect 4th Standard Parallel N., 32 lks. W. of the
 reestablished standard cor. of secs. 35 and 36, herein-
 before described.
 Thence
 N. 0° 14' W. on a true line bet. secs. 35 and 36.
 Over rolling land, N. drainage, through scattering timber
 and undergrowth.
 3.90 Road brs. NE. and SW.
 46.62 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S35 | S36
1917

from which,
 A cedar, 6 ins. diam., brs. S. 88° E.
 176 lks. dist.; mkd. $\frac{1}{4}$ S 36 B T.
 A cedar, 12 ins. diam., brs. S. 64 $\frac{1}{2}$ ° W.
 122 lks. dist.; mkd. $\frac{1}{4}$ S 35 B T.
 72.60 Timber becomes less dense.
 86.62 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling.
 Soil, sandy and rocky, limestone formation, 2nd rate.
 Timber, cedar and pinyon.
 Undergrowth, low brush.

From reestablished cor. of secs. 23 & 26, hereinbefore described,
 S. 0° 3' E. on true line, on W. bdy. of sec. 26 (E. of sec. 22), hereinbe-
 Over rolling land, thru scattering timber and undergrowth.
 0.86 Intersect reestablished cor. of secs. 22 & 27, hereinbefore described.
 Thence, continuing measurement, scattering timber and undergrowth.
 .86 S. 1° E. on the line, on W. bdy. of sec. 26 (E. of sec. 27), 200' E. along
 11.60 Road brs. NW. and SE.
 11.70 Wash, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the
 ground; in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 26
 only, mkd. on brass cap,

S 26
1917

from which,
 A cedar, 10 ins. diam., brs. N. 89 $\frac{1}{2}$ ° E.
 261 lks. dist.; mkd. $\frac{1}{4}$ S 26 B T.
 A cedar, 16 ins. diam., brs. S. 1° E.
 304 lks. dist.; mkd. $\frac{1}{4}$ S 26 B T.

Survey of

Chains Completion of Subdivision of T. 17 N., R. 12 E. 37

40.86 (40.00 chs. S. 0° 1' E. from reestablished cor. of secs 22 & 27)
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for 1/4 sec. cor. of sec. 27, mkd. on brass cap

1/4 S 27 |
1917

from which,
A cedar, 8 ins. diam., brs. S. 48° W.
348 lks. dist.; mkd. 1/4 S 27 B T.
A cedar, 16 ins. diam., brs. N. 40 3/4° W.
315 lks. dist.; mkd. 1/4 S 27 B T.

62.50 Draw, course NE.
75.60 Road brs. NE. and SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 26 and 35, mkd. on brass cap.

T17N R12E
| S26
| S35
1917

from which,
A cedar, 16 ins. diam., brs. N. 45° E.
375 lks. dist.; mkd. T 17 N R 12 E S 26 B T.
A cedar, 8 ins. diam., brs. S. 19 3/4° E.
117 lks. dist.; mkd. T 17 N R 12 E S 35 B T.

Land, rolling.
Soil, rocky, 3rd rate.
Timber, scattering cedar and pinyon.
Undergrowth, scattering sagebrush and algerita.

40.00 N. 89° 53' E. on a random line bet. secs. 26 and 35.
Set temp. 1/4 sec. cor.
80.20 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 25, 26, 35 and 36,

Thence
S. 89° 52' W. on a true line bet. secs. 26 and 35.
Over rolling land, NE. drainage, through scattering timber and undergrowth.

40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/8 S 26
1/4 S 35
1917

from which,
A cedar, 6 ins. diam., brs. N. 62 3/4° W.
356 lks. dist.; mkd. 1/4 S 26 B T.
A cedar, 8 ins. diam., brs. S. 8° W.
498 lks. dist.; mkd. 1/4 S 35 B T.

52.20 Draw, course NE.
80.20 The cor. of secs. 26 and 35, (SW. and NW. cor.)
Land, rolling.
Soil, rocky, 3rd rate.
Timber, scattering cedar.
Undergrowth, algerita.
Poor growth of grass.

.86 S. 0° 1' E. on a random line along W. bdy. of sec. 35.
40.00 Set temp. cor. of secs. 27 and 34.
40.86 Set temp. 1/4 sec. cor. of sec. 35.
Set temp. 1/4 sec. cor. of sec. 34.

38

38 Survey of Completion of Subdivision of T. 17 N., R. 12 E.

Chains

89.97 Intersect 4th standard parallel N., 50 lks. W. of the reestablished standard cor. of secs. 34 and 35, hereinbefore described.

Thence

N. 0° 20' W. on a true line along W. bdy. of sec. 35. Over rolling land, through scattering timber and undergrowth.

49.11 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 34, mkd. on brass cap

$\frac{1}{4}$ S34 |
1917

from which,

A cedar, 12 ins. diam., brs. S. 61° W.
127 lks. dist.; mkd. $\frac{1}{4}$ S 34 B T.

A cedar, 10 ins. diam., brs. N. 60 $\frac{1}{2}$ ° W.
334 lks. dist.; mkd. $\frac{1}{4}$ S 34 B T.

49.97 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 35, mkd. on brass cap

| $\frac{1}{4}$ S35
1917

from which,

A cedar, 12 ins. diam., brs. N. 80 $\frac{1}{2}$ ° E.
38 lks. dist.; mkd. $\frac{1}{4}$ S 35 B T.

A cedar, 8 ins. diam., brs. S. 62° E.
105 lks. dist.; mkd. $\frac{1}{4}$ S 35 B T.

89.11 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 27 and 34, mkd. on brass cap

T17N R12E
S27 |
S34 |
1917

from which,

A cedar, 14 ins. diam., brs. S. 32° W.
12 lks. dist.; mkd. T 17 N R 12 E S 34 B T.

A pinyon, 14 ins. diam., brs. N. 63 $\frac{1}{2}$ ° W.
161 lks. dist.; mkd. T 17 N R 12 E S 27 B T.

Thence continuing measurement.

N. 0° 1' W. along W. bdy. of sec. 35. (E. of sec. 27)

89.97 The cor. of secs. 26 and 35.

Land, rolling.

Soil, rocky, limestone formation, 3rd rate.

Timber, scattering cedar and pinyon.

Undergrowth, scattering algerita and sagebrush.

From the reestablished cor. of secs. 22 and 27, hereinbefore described,

S. 0° 2' E., on W. bdy. of sec. 27, set

Over rolling land, through scattering timber and undergrowth.

The reestablished cor. of secs. 22 and 27, hereinbefore described.

N. 0° 1' W. along W. bdy. of sec. 28.

38.62 (40.00 chs. S. from the reestablished cor. of secs. 21 and 28),

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 28, mkd. on brass cap

$\frac{1}{4}$ S28 |
1917

Survey of Completion of Subdivision of T. 17 N., R. 12 E. 39

Chains

from which,
 A pinyon, 12 ins. diam., brs. S. 12° W.
 422 lks. dist.; mkd. 1/4 S 28 B T.
 A cedar, 6 ins. diam., brs. N. 74 1/2° W.
 122 lks. dist.; mkd. 1/4 S 28 B T.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor. of sec. 27, mkd. on brass cap

1/4 S 27
 1917

from which,
 A cedar, 8 ins. diam., brs. N. 50° E.
 351 lks. dist.; mkd. 1/4 S 27 B T.
 A cedar, 8 ins. diam., brs. S. 40° E.
 88 lks. dist.; mkd. 1/4 S 27 B T.

58.30
60.50
78.62

Wash, 4 lks. wide, course NE.
 Road brs. NE. and SW.
 (80.00 chs. from reestablished cor. of secs. 21 and 28)

Set an iron post, 3 ft. long, 2 ins. diam., on rock ledge, in a mound of stone, for cor. of secs. 28 and 33, mkd. on brass cap

T17N R12E
 S28
 S33
 1917

from which,
 A cedar, 10 ins. diam., brs. S. 32 1/2° W.
 203 lks. dist.; mkd. T 17 N R 12 E S 33 B T.
 A pinyon, 8 ins. diam., brs. N. 19° W.
 104 lks. dist.; mkd. T 17 N R 12 E S 28 B T.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 27 and 34, mkd. on brass cap

T17N R12E
 S27
 S34
 1917

from which,
 A cedar, 8 ins. diam., brs. N. 52 1/2° E.
 56 lks. dist.; mkd. T 17 N R 12 E S 27 B T.
 A cedar, 6 ins. diam., brs. S. 73° E.
 71 lks. dist.; mkd. T 17 N R 12 E S 34 B T.

Land, gently rolling.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering algerita and quinine brush.
 Soil, rocky, limestone, formation, 3rd rate.

40.00
80.28

From the cor. of secs. 27 and 34, (SW. and NW. cor.)
 N. 89° 53' E. on a random line bet. secs. 27 and 34.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 27 and 34. (SE. and NE. cor.)

Thence
 S. 89° 51' W. on a true line bet. secs. 27 and 34.
 Over rolling land, through scattering timber and undergrowth.

4.65
11.58
22.68
40.14

Road brs. NE. and SW.
 Wash, course S.
 Wash, course SE.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

40

40.4 Survey of Completion of Subdivision of T. 17 N., R. 12 E.

Chains

1/4 S 27
1/4 S 34
1917

80.28 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
The cor. of secs. 27 and 34 (SW. and NW. cor. A).
Land, rolling.
Soil, rocky, 3rd rate.
Timber, scattering cedar and pinyon.
Undergrowth, scattering algerita and sagebrush.

38.62 S. 0° 2' E. on a true line ~~and~~ bdy. of sec. 34. c. 34.
Over rolling land, through scattering timber and undergrowth.
(40.00 chs. from cor. of secs. 28 and 33), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 33, marked on brass cap,
1/4 S 33
1917

40.00 from which,
A cedar, 10 ins. diam., brs. S. 58° W.
67 lks. dist.; mkd. 1/4 S 33 B T.
A cedar, 14 ins. diam., brs. N. 77 1/2° W.
95 lks. dist.; mkd. 1/4 S 33 B T.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., of sec. 34, mkd. on brass cap
1/4 S 34
1917.

88.51 from which,
A cedar, 14 ins. diam., brs. S. 55 1/2° E.
46 lks. dist.; mkd. 1/4 S 34 B T.
A cedar, 16 ins. diam., brs. N. 81 1/2° E.
91 lks. dist.; mkd. 1/4 S 34 B T.
89.67 Road brs. NE. and SW.
(91.05 chs. from cor. of secs. 28 and 33) Intersect 4th St. Parallel N. 77 lks. S. 84° 18' W. from angle point hereinbefore described. At point, of intersection, Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground, in a mound of stone, for sta. clos. cor. of secs. 33 and 34, mkd. on brass cap.
S C
T17N R12E
C C.
S33 | S34
1917

from which,
A cedar, 16 ins. diam., brs. N. 61 1/2° E.
158 lks. dist.; mkd. S C T 17 N R 12 E S 34 C C B T.
A pinyon, 10 ins. diam., brs. N. 38° W.
233 lks. dist.; mkd. S C T 17 N R 12 E S 33 C C B T.
Land, rolling.
Soil, limestone formation, 3rd rate.
Timber, scattering cedar and pinyon.
Undergrowth, scattering sagebrush and algerita.

From the reestablished cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., hereinbefore described, S. 0° 2' E. on random line, bet. secs. 4 and 5, to obtain proper bearing of sec. line, bet. secs. 4 and 5, and bet. secs. 8 and 9, inasmuch as the true line bet. secs. 16 and 17 has been surveyed and accepted.

Survey of Completion of Subdivision of T.17 N., R.12 E., 43

Chains
 40.00 Set temp. $\frac{1}{4}$ sec. cor. of secs. 4 and 5.
 80.00 Set temp. cor. of secs. 4, 5, 8 and 9.
 Continue line and measurement bet. secs. 8 and 9.
 120.00 Set temp. $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
 160.08 Fall 9 lks. W. of original cor. of secs. 8, 9, 16 and 17,
 which is a limestone, 8x8x6 ins. above ground, marked
 with 4 notches on each of E. and S. edges, and witness-
 ed by mound of stone, W. of cor.
 No bearing trees.
 True course and dist. of sec. line to this cor. are there-
 fore S. 0° 4' E., 160.08 chs.

 From the reestablished cor. of secs. 4, 5, 32 and 33, on N.
 bdy. of Tp. hereinbefore described,
 S. 0° 4' E., on a true line, bet. secs. 4 and 5.
 Over rolling land, thru. scattering timber and undergrowth.
 7.00 Draw, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
 the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

S 5 | S 4
 1917

from which,
 A cedar, 16 ins. in diam., brs. N. 66 $\frac{1}{2}$ ° E., 125 lks.
 dist., marked $\frac{1}{4}$ S 4 B T.
 A cedar, 8 ins. diam., brs. N. 62° W., 43 lks. dist.,
 marked $\frac{1}{4}$ S 5 B T.
 75.00 Draw, course N. 10° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass
 cap,

T17N | R12E
 S 5 | S 4
 S 8 | S 9
 1917

from which,
 A cedar, 6 ins. in diam., brs. N. 24° E., 214 lks.
 dist., marked T17N R12E S4 BT.
 A cedar, 8 ins. in diam., brs. S. 61 $\frac{1}{2}$ ° E., 294 lks.
 dist., marked T17N R12E S9 BT.
 A cedar, 8 ins. in diam., brs. S. 55 $\frac{1}{4}$ ° W., 610 lks.
 dist., marked T17N R12E S8 BT.
 A cedar, 10 ins. in diam., brs. N. 71° W., 389 lks.
 dist., marked T17N R12E S5 BT.

Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering sage brush and algerita.

 East, on a random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line, 9 lks. S. of original cor. of
 secs. 3, 4, 9 and 10, which is a limestone 12x8x5 ins. above
 ground, firmly set, marked with 3 notches on E. edge,
 and 5 notches on S. edge, and witnessed by mound of
 stone, W. of cor. No bearing trees.
 thence,
 S. 89° 56' W. on a true line, bet. secs. 4 and 9.
 Over rolling land, thru. scattering timber and undergrowth.
 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
 the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

420. Survey of Completion of Subdivision of T. 17 N., R. 12 E:

Chairs.

$\frac{1}{4}$ S . 4
S . 9
1917

from which,

A cedar, 8 ins. in diam., brs. N. 12° W., 32 lks.
dist., marked $\frac{1}{4}$ S 4 B T.

A cedar, 6 ins. in diam., brs. S. 3° W., 46 lks.
dist., marked $\frac{1}{4}$ S 9 B T.

80.02 The cor. of secs. 4, 5, 8 and 9.
Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, scattering cedar and pinyon.

Undergrowth, scattering sage brush and algerita.

S. 0° 4' E., on a true line, bet. secs. 8 and 9.

Over rolling land, thru scattering timber and undergrowth.

18.00 Enter dense timber, brs. NE. and SW.

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

S 8 $\frac{1}{4}$ S 9
1917

from which,

A cedar, 6 ins. in diam., brs. S. 79 $\frac{1}{2}$ ° E., 60 lks.
dist., marked $\frac{1}{4}$ S 9 B T.

A cedar, 12 ins. in diam., brs. N. 17 $\frac{3}{4}$ ° W., 108
lks. dist., marked $\frac{1}{4}$ S 8 B T.

50.00 Edge of canyon, brs. NW. and SE. Descend SW. slope, 180-ft.
to

69.30 Bottom of canyon, course SE. Ascend to

72.00 Descend to

77.80 Ravine, course E.

80.08 The original cor. of secs. 8, 9, 16 and 17, hereinbefore de-
scribed.

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, scattering cedar and pinyon.

Undergrowth, scattering sagebrush and algerita.

From original cor. of secs. 16, 17, 20 and 21, hereinbefore
described,

S. 0° 2' E., bet. secs. 20 and 21.

Over rolling land, thru scattering timber and undergrowth.

5.00 Descend gradual slope, 108 ft. to

37.73 Bottom of canyon, course N. 15° W. Thence along NE. slope.

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

S 20 $\frac{1}{4}$ S 21
1917

from which,

A cedar, 8 ins. diam., brs. S. 88 $\frac{3}{4}$ ° E., 78 lks.
dist., marked $\frac{1}{4}$ S 21 B T.

A cedar, 6 ins. in diam., brs. S. 55° W., 30 lks.
dist., marked $\frac{1}{4}$ S 20 B T.

48.80 Draw, course NE.

57.80 Draw, course NE.

Survey of Completion of Subdivision of T. 17 N., R. 12 E., S. 20, 21, 28 and 29

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, mkd. on brass cap

T17N R12E
S20|S21
S29|S28
1917

- from which,
- A cedar, 8 ins. diam., brs. N. 34° E. 492 lks. dist.; mkd. T 17 N R 12 E S 21 B T.
- A cedar, 10 ins. diam., brs. S. 50½° E. 380 lks. dist.; mkd. T 17 N R 12 E S 28 B T.
- A cedar, 14 ins. diam., brs. S. 45¾° W. 64 lks. dist.; mkd. T 17 N R 12 E S 29 B T.
- A cedar, 9 ins. diam., brs. N. 72¾° W. 197 lks. dist.; mkd. T 17 N R 12 E S 20 B T.

Land, rolling.
Soil, limestone formation, 3rd rate.
Timber, cedar and pinyon.
Undergrowth, scattering sagebrush and algerita.

40.00

East on a random line bet. secs. 21 and 28.
Set temp. ¼ sec. cor.

80.20

Intersect N. and S. line at the reestablished cor. of secs. 21 and 28, (SE and NE cor.), hereinbefore described.

Thence
West on a true line bet. secs. 21 and 28.
Over rolling land, through scattering undergrowth.

8.20

Enter timber brs. N. and S.

40.10

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

1/4 S 21
1/4 S 28
1917

- from which,
- A cedar, 6 ins. diam., brs. N. 23½° W. 107 lks. dist.; mkd. ¼ S 21 B T.
- A cedar, 6 ins. diam., brs. S. 19¼° E. 358 lks. dist.; mkd. ¼ S 28 B T.

50.20

Leave timber, brs. N. and S.

54.20

Draw, course NE.

75.20

Enter timber, brs. N. and S.

80.20

The cor. of secs. 20, 21, 28 and 29.

Land, rolling.
Soil, adobe and limestone formation, 2nd and 3rd rates.
Timber, scattering cedar.
Undergrowth, scattering sagebrush.

40.00

S. 0° 2' E. bet. secs. 28 and 29.
Over rolling land, through scattering timber and undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

1/4 S 29 | 1/4 S 28
1917

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Chains

from which,
 A cedar, 8 ins. diam., brs. N. $82\frac{1}{4}^\circ$ E,
 76 lks. dist.; mkd. $\frac{1}{4}$ S 28 B T.
 A cedar, 8 ins. diam., brs. S. 14° W.
 333 lks. dist.; mkd. $\frac{1}{4}$ S 29 B T.

73.00
80.00

Draw, course E.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, mkd. on brass cap

T17N R12 E
 S29|S28
 S32|S33
 1917

from which,
 A cedar, 24 ins. diam., brs. N. $71\frac{1}{4}^\circ$ E.
 67 lks. dist.; mkd. T 17 N R 12 E S 28 B T.
 A cedar, 8 ins. diam., brs. S. $73\frac{3}{4}^\circ$ E.
 103 lks. dist.; mkd. T 17 N R 12 E S 33 B T.
 A cedar, 6 ins. diam., brs. S. $38\frac{1}{4}^\circ$ W.
 281 lks. dist.; mkd. T 17 N R 12 E S 32 B T.
 A pinyon, 10 ins. diam., brs. N. $83\frac{1}{2}^\circ$ W.
 92 lks. dist.; mkd. T 17 N R 12 E S 29 B T.

Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering algerita.

40.00
80.28

East on a random line bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 26 lks. S. of the cor. of secs. 28 and 33, (SE and NE cor.).

Thence
 S. $89^\circ 57'$ W. on a true line bet. secs. 28 and 33.
 Over rolling land, through scattering timber and undergrowth.

5.00
5.30
40.14

Old road brs. NE. and SW.
 Wash, course NE.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 28
 $\frac{1}{4}$ S 33
 1917

from which,
 A cedar, 14 ins. diam., brs. N. $40\frac{1}{2}^\circ$ W.
 285 lks. dist.; mkd. $\frac{1}{4}$ S 28 B T.
 A cedar, 10 ins. diam., brs. S. $14\frac{1}{2}^\circ$ W.
 310 lks. dist.; mkd. $\frac{1}{4}$ S 33 B T.

69.30
75.30
80.28

Draw, course NE.
 Enter dense timber.
 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering sagebrush and algerita.

8.00
20.00

S. $0^\circ 2'$ E. on a true line bet. secs. 32 and 33.
 Over rolling land, through scattering timber and undergrowth.
 Draw, course NE.
 Enter dense timber, brs. NW. and SE.

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

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S32 | S33
1917

from which,
A cedar, 12 ins. diam., brs. N. 71° E.
89 lks. dist.; mkd. $\frac{1}{4}$ S 33 B T.
A cedar, 8 ins. diam., brs. S. 68° W.
77 lks. dist.; mkd. $\frac{1}{4}$ S 32 B T.

95.86

Intersect 4th standard parallel N., 153 lks. S. 89° 22' W. from angle point hereinbefore described.
At the point of intersection
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in ground for standard closing cor. of secs. 32 and 33, mkd. on brass cap

S C
T17N R12E
C C
S32 | S33
1917

from which,
A cedar, 6 ins. diam., brs. N. 74° E.
43 lks. dist.; mkd. SCT 17 N R 12 E S 33 CC BT.
A cedar, 12 ins. diam., brs. N. 40° W.
108 lks. dist.; mkd. SCT 17 N R 12 E S 32 CC BT.
Land, rolling.
Soil, limestone formation, 3rd rate.
Timber, cedar and pinyon.
Undergrowth, scattering algerita.

40.00

From the reestablished cor. of secs. 5, 6, 31 and 32 on N. bdy. of Tp., hereinbefore described, S. 0° 3' E. bet. secs. 5 and 6.
Over rolling land, through scattering timber.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S 6 | S 5
1917

80.00

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 7 and 8, mkd. on brass cap

T17N R12E
S 6 | S 5
S 7 | S 8
1917

from which,
A cedar, 18 ins. diam., brs. N. 85 $\frac{3}{4}$ ° E.
119 lks. dist.; mkd. T 17 N R 12 E S 5 B T.
A cedar, 10 ins. diam., brs. S. 48° E.
211 lks. dist.; mkd. T 17 N R 12 E S 8 B T.
A cedar, 12 ins. diam., brs. S. 83 $\frac{3}{4}$ ° W.
130 lks. dist.; mkd. T 17 N R 12 E S 7 B T.
A cedar, 20 ins. diam., brs. N. 35 $\frac{1}{4}$ ° W.
223 lks. dist.; mkd. T 17 N R 12 E S 6 B T.
Land, rolling.

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Chains

Soil, limestone formation, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, scattering sagebrush and algerita.

40.00 East on a random line bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs.
 4, 5, 8 and 9.
 Thence
 S. $89^{\circ} 56'$ W. on a true line bet. secs. 5 and 8.
 Over rolling land, through scattering timber and under-
 growth.
 2.00 Bottom of draw, course N. 10° E.
 37.00 Desc. along SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on
 brass cap

$\frac{1}{4}S \frac{5}{8}$
 1917

from which,
 A cedar, 12 ins. diam., brs. N. 2° E.
 76 lks. dist.; mkd. $\frac{1}{4}$ S 5 B T.
 A pinyon, 8 ins. diam., brs. S. $23\frac{1}{2}^{\circ}$ E.
 39 lks. dist.; mkd. $\frac{1}{4}$ S 8 B T.

50.50 Draw, course SE.
 80.00 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering algerita and sagebrush.

40.00 West on a random line bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 75.64 Intersect W. bdy. of Tp., 5 lks. S. of the reestablished
 cor. of secs. 6 and 7, hereinbefore described.
 Thence
 S. $89^{\circ} 58'$ E. on a true line bet. secs. 6 and 7.
 Over rolling land, through scattering undergrowth and
 dense timber.
 5.64 Leave dense timber; enter scattering timber.
 35.64 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}S \frac{6}{7}$
 1917

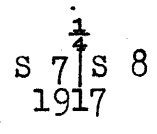
from which,
 A cedar, 18 ins. diam., brs. N. 51° W.
 90 lks. dist.; mkd. $\frac{1}{4}$ S 6 B T.
 A cedar, 8 ins. diam., brs. S. $20\frac{1}{4}^{\circ}$ W.
 289 lks. dist.; mkd. $\frac{1}{4}$ S 7 B T.

75.64 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering sagebrush and algerita.

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Chains

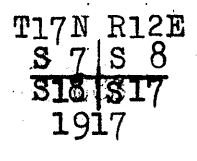
S. 0° 3' E. bet. secs. 7 and 8.
 Over rolling land, through scattering timber and undergrowth
 3.00 Timber becomes dense.
 5.00 Wash, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for 1/4 sec. cor., mkd. on
 brass cap



from which,
 A cedar, 8 ins. diam., brs. N. 81 1/2° E.
 22 lks. dist.; mkd. 1/4 S 8 B T.
 A cedar, 8 ins. diam., brs. N. 85 1/2° W.
 103 lks. dist.; mkd. 1/4 S 7 B T.

62.00
80.00

Draw, course NE.
 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
 ground, in a mound of stone, for cor. of secs. 7, 8,
 17 and 18, mkd. on brass cap



from which,
 A cedar, 8 ins. diam., brs. N. 46 1/2° E.
 79 lks. dist.; mkd. T 17 N R 12 E S 8 B T.
 A cedar, 10 ins. diam., brs. S. 4° E.
 15 lks. dist.; mkd. T 17 N R 12 E S 17 B T.
 A cedar, 14 ins. in diam., brs. S. 37 1/2° W., 65 lks. dist.,
 marked T 17 N R 12 E S 18 B T.
 A cedar, 10 ins. diam., brs. N. 58 3/4° W.
 96 lks. dist.; mkd. T 17 N R 12 E S 7 B T.

Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, scattering and dense cedar and pinyon.
 Undergrowth, scattering sagebrush and algerita.

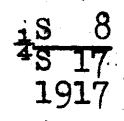
40.00
80.06

N. 89° 56' E. on a random line bet. secs. 8 and 17.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line, 9 lks. N. of original cor. of secs.
 8, 9, 16 and 17, hereinbefore described.

Thence
 West on a true line bet. secs. 8 and 17.
 Over rolling land, through dense timber and scattering
 undergrowth.

7.65
25.05
40.03

Bottom of canyon, course NE. Asc. 180 ft. to
 Top of slope. Thence over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, in a mound of stone, for 1/4 sec. cor., mkd. on
 brass cap



from which,
 A cedar, 24 ins. diam., brs. N. 50° E.
 107 lks. dist.; mkd. 1/4 S 8 B T.
 A cedar, 8 ins. diam., brs. S. 76 1/2° W.
 110 lks. dist.; mkd. 1/4 S 17 B T.

80.06

The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, scattering and dense cedar and pinyon.
 Undergrowth, scattering sagebrush and algerita.

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Chains

40.00 N. 89° 58' W. on a random line bet. secs. 7 and 18.
Set temp. 1/4 sec. cor.
76.45 Intersect W. bdy. of Tp. 15 lks. S. of the reestablished cor. of secs. 7 and 18, hereinbefore described.

Thence

S. 89° 51' E. on a true line bet. secs. 7 and 18.
Over rolling land, through dense timber.
36.45 Set an iron post, 3 ft. long, 1 in. diam., on rock ledge, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 7
1/4 S 18
1917

from which,

A cedar, 10 ins. diam., brs. N. 2° W.

100 lks. dist.; mkd. 1/4 S 7 B T.

A cedar, 8 ins. diam., brs. S. 38 1/2° E.

63 lks. dist.; mkd. 1/4 S 18 B T.

65.35 Draw, course NE.

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

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, scattering and dense cedar and pinyon.

Undergrowth, scattering sagebrush and algerita.

S. 0° 3' E. bet. secs. 17 and 18.

Over rolling land, through dense timber and scattering undergrowth.

18.20 Draw, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 18 | S 17
1917

from which,

A cedar, 8 ins. diam., brs. N. 6° E.

55 lks. dist.; mkd. 1/4 S 17 B T.

A cedar, 6 ins. diam., brs. N. 84 1/2° W.

85 lks. dist.; mkd. 1/4 S 18 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20 mkd. on brass cap

T17N R12E
S18 | S17
S19 | S20
1917

from which,

A cedar, 8 ins. diam., brs. N. 6° E.

55 lks. dist.; mkd. T 17 N R 12 E S 17 B T.

A cedar, 10 ins. diam., brs. S. 73 1/4° E.

108 lks. dist.; mkd. T 17 N R 12 E S 20 B T.

A pinyon, 6 ins. diam., brs. S. 30 1/2° W.

51 lks. dist.; mkd. T 17 N R 12 E S 19 B T.

A pinyon, 12 ins. diam., brs. N. 19 1/2° W.

134 lks. dist.; mkd. T 17 N R 12 E S 18 B T.

Land, rolling.

Soil, limestone formation, 3rd rate.

Timber, dense cedar and pinyon.

Undergrowth, scattering sagebrush, buck brush and algerita.

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

Chains

East on a random line bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect N. and S. line, 30 lks. S. of original cor. of secs. 16, 17, 20 and 21, hereinbefore described.
 Thence
 S. $89^{\circ} 47'$ W. on a true line bet. secs. 17 and 20.
 Over rough broken land, through scattering timber and undergrowth.
 2.00 Edge of canyon brs. N. and S.. Desc. 176 ft. to
 8.36 Bottom of canyon course N. 10° E.
 10.50 Ravine, course NE. Asc. 115 ft. to
 15.00 Edge of canyon, bears NE. and SW.
 20.20 Edge of Canyon Diablo brs. NE. and SW. Desc. 124 ft. to
 24.20 Bottom of canyon, course NE. Asc. along NE. slope 80 ft. to
 30.20 Top of spur slopes N. Thence desc. to
 31.20 Rim of Canyon Diablo brs. NE. and SW. Desc. 80 ft. to
 32.02 Bottom of canyon. Stream of water 35 lks. wide, course NE.
 35.20 Asc. NE. slope, 133 ft. to
 40.08 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 17
 $\frac{1}{4}$ S 20
 1917

from which,

A pinyon, 10 ins. diam., brs. N. $6\frac{3}{4}^{\circ}$ W.
 44 lks. dist.; mkd. $\frac{1}{4}$ S 17 B T.
 A cedar, 18 ins. diam., brs. S. 2° E.
 35 lks. dist.; mkd. $\frac{1}{4}$ S 20 B T.

Asc. 93 ft. to
 45.50 W. rim of Canyon Diablo brs. NE. and SW. Timber becomes dense.
 80.16 The cor. of secs. 17, 18, 19 and 20.
 Land, rough and rolling.
 Soil, rocky, limestone formation, 3rd rate.
 Timber, cedar and pinyon. Oak and cottonwood in canyons.
 Undergrowth, scattering algerita and buck brush.

N. $89^{\circ} 51'$ W. on a random line bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 76.44 Intersect W. bdy. of Tp., 3 lks. S. of the reestablished cor. of secs. 18 and 19, hereinbefore described.
 Thence
 S. $89^{\circ} 50'$ E. on a true line bet. secs. 18 and 19.
 Over rolling land, through dense timber, and undergrowth.
 36.44 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 18.
 $\frac{1}{4}$ S 19
 1917

from which,

A cedar, 14 ins. diam., brs. N. $28\frac{1}{2}^{\circ}$ W.
 105 lks. dist.; mkd. $\frac{1}{4}$ S 18 B T.
 A cedar, 8 ins. diam., brs. S. $8\frac{1}{2}^{\circ}$ E.
 56 lks. dist.; mkd. $\frac{1}{4}$ S 19 B T.

76.44 The cor. of secs. 17, 18, 19 and 20.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering algerita and sagebrush.

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

Chains

S. 0° 3' E. bet. secs. 19 and 20.
 Over rolling land, through dense timber and scattering undergrowth.

6.80 Rim of Canyon Diablo brs. E. and W. just E. of line.
 Desc. 91 ft. to

11.50 Ravine, course E. Asc. 86 ft. to

29.00 Rim of Canyon Diablo brs. E. and W. Desc. 113 ft. to

35.00 Canyon Diablo stream 45 lks. wide, 2 ft. deep, course E.

39.00 Bottom of side canyon course N. 10° E. Asc. 102 ft. to

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

$\frac{1}{4}$
 S19 | S20
 1917

from which,

An oak, 6 ins. diam., brs. S. 60° E.

40 lks. dist.; mkd. $\frac{1}{4}$ S 20 B T.

A cedar, 24 ins. diam., brs. S. 75 $\frac{1}{2}$ ° W.

41 lks. dist.; mkd. $\frac{1}{4}$ S 19 B T.

Asc. 120 ft. to

48.00 Spur slopes NW. Desc. SW. slope, 72 ft. to

53.50 Ravine, course NW. Asc. 100 ft. to

64.00 Rim of canyon brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, mkd. on brass cap

T17 N R12 E
 S19 | S20
 S30 | S29
 1917

from which,

A cedar, 10 ins. diam., brs. N. 40° E.

50 lks. dist.; mkd. T 17 N R 12 E S 20 B T.

A cedar, 6 ins. diam., brs. S. 11° E.

51 lks. dist.; mkd. T 17 N R 12 E S 29 B T.

A cedar, 8 ins. diam., brs. S. 12 $\frac{1}{4}$ ° W.

20 lks. dist.; mkd. T 17 N R 12 E S 30 B T.

A cedar, 6 ins. diam., brs. N. 5 $\frac{1}{2}$ ° W.

87 lks. dist.; mkd. T 17 N R 12 E S 19 B T.

Land, rolling.

Soil, limestone formation, 3rd and 4th rates.

Timber, cedar and pinyon. Cottonwood and oak in canyons.

Undergrowth, algerita and buck brush.

40.00 N. 89° 47' E. on a random line bet. secs. 20 and 29.

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

Intersect N. and S. line at the cor. of secs. 20, 21, 28 and 29.

Thence

S. 89° 47' W. on a true line bet. secs. 20 and 29.

Over rolling land, through scattering timber and undergrowth.

20.00 Enter dense timber.

24.50 Draw, course NE.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 20
 $\frac{1}{4}$ S 29
 1917

from which,

A cedar, 8 ins. diam., brs. N. 68 $\frac{1}{4}$ ° E.

88 lks. dist.; mkd. $\frac{1}{4}$ S 20 B T.

Survey of Completion of Subdivision of T. 17 N., R. 12 E. 51

Chains

80.10 A cedar, 8 ins. diam., brs. S. $15\frac{1}{4}^{\circ}$ E.
 63 lks. dist.; mkd. $\frac{1}{4}$ S 29 B T.
 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering algerita.
 Poor growth of grass.

40.00 N. $89^{\circ} 50'$ W. on a random line bet. secs. 19 and 30.
 75.67 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect W. bdy. of Tp., at the reestablished cor. of
 secs. 19 and 30, hereinbefore described.
 Thence
 S. $89^{\circ} 50'$ E. on a true line bet. secs. 19 and 30.
 Over rolling land, through scattering timber and under-
 growth.
 2.37 Ravine, course N. Asc. 92 ft. to
 12.67 Rim of Canyon Diablo brs. NE. and SW.
 19.67 Ravine course N.
 35.67 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 19
 $\frac{1}{4}$ S 30
 1917

from which,
 A cedar, 10 ins. diam., brs. N. $67\frac{1}{4}^{\circ}$ E.
 14 lks. dist.; mkd. $\frac{1}{4}$ S 19 B T.
 A pinyon, 8 ins. diam., brs. S. $45\frac{1}{4}^{\circ}$ W.
 33 lks. dist.; mkd. $\frac{1}{4}$ S 30 B T.
 62.27 Draw, course NE.
 63.65 Draw, course N.
 75.67 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, limestone formation, 3rd rate.
 Timber, cedar and pinyon.
 Undergrowth, scattering algerita.

18.00 S. $0^{\circ} 3'$ E. bet. secs. 29 and 30.
 40.00 Over rolling land, through scattering timber and under-
 growth.
 Shallow draw, course NW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S30 | S29
 1917

from which,
 A cedar, 10 ins. diam., brs. S. $12\frac{1}{2}^{\circ}$ E.
 60 lks. dist.; mkd. $\frac{1}{4}$ S 29 B T.
 A cedar, 10 ins. diam., brs. S. $80\frac{1}{2}^{\circ}$ W.
 85 lks. dist.; mkd. $\frac{1}{4}$ S 30 B T.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 29, 30, 31 and 32, mkd.
 on brass cap

T17N R12E
 S30 | S29
 S31 | S32
 1917

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Chains

from which,

- A cedar, 6 ins. diam., brs. N. $42\frac{1}{2}^{\circ}$ E.
58 lks. dist.; mkd. T 17 N R 12 E S 29 B T.
- A cedar, 6 ins. diam., brs. S. $39\frac{1}{2}^{\circ}$ E.
58 lks. dist.; mkd. T 17 N R 12 E S 32 B T.
- A cedar, 6 ins. diam., brs. S. 34° W.
8 lks. dist.; mkd. T 17 N R 12 E S 31 B T.
- A cedar, 6 ins. diam., brs. N. 47° W.
110 lks. dist.; mkd. T 17 N R 12 E S 30 B T.

Land, rolling.
Soil, sandy and rocky, 2nd rate.
Timber, dense cedar.
Undergrowth, scattering algerita.
Abundant growth of grass.

- 40.00 N. $89^{\circ} 47'$ E. on a random line bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
28, 29, 32 and 33.

Thence

- 40.06 S. $89^{\circ} 46'$ W. on a true line bet. secs. 29 and 32.
Over rolling land, through dense timber.
Set an iron post, 3 ft. long, 1 in. diam., on ledge of
rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on
brass cap

$\frac{1}{4}$ S 29
 $\frac{1}{4}$ S 32
1917

from which,

- 80.12 A cedar, 8 ins. diam., brs. N. 33° E.
192 lks. dist.; mkd. $\frac{1}{4}$ S 29 B T.
- A cedar, 20 ins. diam., brs. S. 24° W.
156 lks. dist.; mkd. $\frac{1}{4}$ S 32 B T.

The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, limestone formation, 3rd rate.
Timber, cedar and pinyon.
Undergrowth, scattering algerita.

- 40.00 N. $89^{\circ} 50'$ W. on a random line bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
- 75.42 Intersect W. bdy. of Tp., 7 lks. S. of the reestablished
cor. of secs. 30 and 31, hereinbefore described.
- Thence
- 23.62 S. $89^{\circ} 47'$ E. on a true line bet. secs. 30 and 31.
Over rolling land, through scattering timber and under-
growth. Along N. slope.
- 28.04 Wash, 30 lks. wide, 8 ft. deep, course N. Asc. W. slope
50 ft. to
- 35.42 Top of knoll Desc. E. slope 70 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 30
 $\frac{1}{4}$ S 31
1917

from which,

- 75.42 A cedar, 12 ins. diam., brs. N. $74\frac{1}{2}^{\circ}$ E.
46 lks. dist.; mkd. $\frac{1}{4}$ S 30 B T.
- A cedar, 14 ins. diam., brs. S. 88° W.
15 lks. dist.; mkd. $\frac{1}{4}$ S 31 B T.

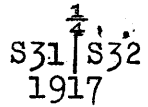
The cor. of secs. 29, 30, 31 and 32.

Survey of Completion of Subdivision of T. 17 N., R. 12 E. 4753

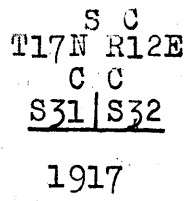
Chains

Land, rolling.
Soil, sandy and rocky, 2nd rate.
Timber, cedar.
Undergrowth, scattering algerita.
Abundant grass.

40.00 S. 0° 3' E. on a true line bet. secs. 31 and 32.
Over rolling land, through scattering timber and under-
growth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., mkd. on brass cap



45.00 from which,
A cedar, 8 ins. diam., brs. N. 17° E.
150 lks. dist.; mkd. 1/4 S 32 B T.
A cedar, 14 ins. diam., brs. N. 39° W.
120 lks. dist.; mkd. 1/4 S 31 B T.
96.60 Asc. NE. slope, 267 ft. to
Intersect 4th standard parallel N., 162 lks. S. 88° 38' W.
from angle point, hereinbefore described.
At the point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in
the ground, in a mound of stone, for std. closing cor. of
secs. 31 and 32, mkd. on brass cap



from which,
A cedar, 30 ins. diam., brs. N. 55° E.
182 lks. dist.; mkd. S C T17 N R12 E S31 S32 B T.
A cedar, 8 ins. diam., brs. N. 41° W.
75 lks. dist.; mkd. S C T17 N R12 E S31 C C B T.

Land, rolling and hilly.
Soil, malpais rock, 4th rate.
Timber, dense cedar.
Undergrowth, scattering algerita.
Fair growth of grass.

GENERAL DESCRIPTION:

SURFACE: The portion of this township surveyed under the
current group is rolling, broken in the eastern two tiers
of sections by a number of small ridges and low elevations;
and about half of Sec. 31 being occupied by a mesa which
is 480 feet above the surrounding country where crossed
by the Fourth Standard Parallel. Canyon Diablo enters
Sec. 19 on the west boundary in a canyon 16 chs. wide and
128 to 177 ft. deep; and courses northeasterly, leaving
the township in Sec. 2, previously surveyed.

SOIL: There is some sandy loam, but shallow, being from
4 to 14 inches deep, 1st and 2nd rates. A larger pro-
portion of the township is rocky and stony, 3rd and 4th
rates. Adobe was noted in several places. The soil is
underlaid by a limestone formation.

TIMBER AND VEGETATION: A large part of the west two tiers
of sections and also part of Sec. 36 is covered with
dense timber, consisting of cedar and pinyon. The rest

of the township is covered with scattering cedar and pinyon. In Sec. 1 and on the east boundary of the township are standing and fallen dead timber, the remnants of an "old burn". There is a growth of oak and yellow pine in the bottom of Canyon Diablo. The township is covered with a scattering growth of underbrush consisting of sagebrush, algerita, buckbrush, and a number of unidentified species of low brush. Grass was noted in Secs. 20, 29, 30, 31, 32 and 34.

DRAINAGE AND WATER SUPPLY: The drainage is in a general northeasterly direction, Canyon Diablo being the principal watercourse and the only one containing water at the time of survey, it having a running stream that was 30 to 45 lks. wide and 21 to 24 inches deep in Secs. 19 and 20.

SETTLERS AND IMPROVEMENTS: The frame house of W.C. Everett is in the SE quarter of Sec. 9, with two water tanks in Sec. 10, previously surveyed. There is a stone dam in Sec. 22, previously surveyed, in the south half. A number of unimproved country roads, principally between Winslow and Camp Verde via Chaves Pass, lie in the eastern half of the township. A fence crosses the west boundary of Sec. 31.

INDUSTRY: Grazing is probably the industry most suited to this region, and is the industry carried on at present.

MINERAL: surface No indications of valuable mineral were noted on the boundaries of Township 17 North, Range 12 East

Latitudes, Departures and Closing Errors

Line Designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary (4th Standard Parallel North)	S. 77° 16' W.	40.28		8.88		39.29
	N. 85° 33' W.	40.10	3.11			39.98
	S. 85° 26' W.	40.42		3.22		40.29
	S. 89° 39' W.	40.20		.25		40.20
	S. 89° 35' W.	80.36		.58		80.36
	S. 84° 18' W.	39.91		3.96		39.71
	S. 88° 48' W.	39.89		.84		39.88
	S. 89° 22' W.	40.02		.44		40.02
	S. 89° 06' W.	40.05		.63		40.05
	S. 88° 38' W.	40.03		.95		40.02
	N. 89° 03' W.	40.05	.66			40.04
West Boundary	N. 2° 20' E.	39.86	39.83		1.62	
	N. 1° 23' E.	80.01	79.99		1.92	
	N. 0° 53' W.	39.96	39.96			.62
	N. 1° 19' W.	39.45	39.44			.91
	N. 0° 19' W.	40.14	40.14			.22
	N. 0° 26' W.	40.17	40.17			.30
	N. 0° 14' W.	40.26	40.26			.16
	N. 1° 04' E.	40.37	40.36		0.75	
	N. 0° 12' E.	40.28	40.28		.14	
	N. 0° 15' E.	40.10	40.10		.17	
	N. 1° 18' W.	44.90	44.89			1.02
N. 0° 17' E.	11.15	11.15		0.02		
North Boundary	East	236.31			236.31	
	N. 89° 58' E.	40.09	.02		40.09	
	East	160.32			160.32	
	N. 89° 49' E.	40.17	.13		40.17	
East by (3rd Guide Mer. E.)	South	480.52		480.52		
Convergency					0.51	
Totals			500.48	500.27	482.02	483.07
Error in Latitude			500.27			482.02
Error in Departure			0.20			1.05

Book "I"

Group 79 - - - Arizona.

Township 17 North, Range 12 East.

DATE DIAGRAM.

	4-13-17 RESURV.	4-13-17 RESURV.	4-13-17 RESURV.	4-13-17 RETRACED		4-12-17 RETRACED	
	6	5	4	3	2	1	3
	4-26-17	4-24-17	4-24-17		4-12-17	4-12-17	
	4-26-17	4-26-17	4-24-17	4-14-17	RETR. RESURV.	4-20-17	10
	7	8	9	10	11	12	10
	4-30-17	4-26-17		4-14-17	4-20-17	4-20-17	
	4-30-17	4-30-17		4-14-17	RESURV.	4-20-17	15
	18	17	16	15	14	13	15
	4-30-17	5-1-17	5-1-17	4-21-17	4-20-17	4-20-17	
	19	20	21	22	23	24	22
	5-2-17	5-2-17	5-1-17	4-19-17	4-7-17	4-7-17	
	5-2-17	5-2-17	5-1-17	RESURV.	RESURV.	RESURV.	27
	30	29	28	27	26	25	27
	5-5-17	5-3-17	5-3-17	4-23-17	4-21-17	4-21-17	
	5-5-17	5-3-17	5-3-17	4-23-17	4-14-17	4-21-17	3rd
	31	32	33	34	35	36	34
	5-5-17	5-5-17	5-3-17	4-23-17	4-14-17	4-21-17	
	RESURVEY	RESURVEY	RESURVEY	RESURVEY	RESURVEY	RESURVEY	
	5-5-17	4-22-17	4-22-17	4-13-17	4-13-17	4-13-17	

4th. Standard Parallel North

Retracements, resurveys and surveys executed on dates shown above in black, by Wm. L. Nash, U.S. Transitman.

Retracements and resurveys executed on dates shown above in red, by Sidney E. Blout, U.S. Surveyor.

East
Meridian
Guide
3rd
Fract. T. 17 N., R. 12 E.

Correction
7-24-17

CERTIFICATE OF UNITED STATES ~~SURVEYOR.~~ ^{TRANSITMAN}

I, William L. Nash, ~~U. S. Surveyor~~ ^{Transitman}, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 79, Arizona, bearing date of the 1st day of December, 1916, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~surveyed~~ ^{retraced} all those parts or portions of the North bdy. and Subdivision lines of Township 17 North, Range 12 East; Resurveyed all those parts or portions of 4th Standard Parallel North in Range 12 East, and West bdy. and Subdivision lines of Township 17 North, Range 12 East, and Surveyed all those parts or portions of the Subdivision lines of Township 17 North, Range 12 East of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 55 hereof} as having been executed by me, and under my direction; and that all the corners of ~~said survey~~ ^{said retracement, resurvey and survey} have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 79, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~survey~~ ^{retracement, resurvey and survey}.

William L. Nash
 U. S. Surveyor.
 Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, June 16, 1920,

The foregoing field notes of the ~~survey of~~ retracement of part of the North boundary, and part of subdivision lines; of T. 17 N., R. 12 E., RESURVEY of the 4th Std. Parallel N. thru R. 12 E., and the West bdy., part of North bdy. and part of the Subdivision lines of T. 17 N., R. 12 E. and of the SURVEY of part of (completion) the Subdivision, lines of Township 17 North, Range 12 East of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Sidney E. Blout, U. S. Surveyor, and Wm. L. Nash, U. S. Transitman, under ~~his special instructions~~ ^{retracements, resurveys, &} dated Dec. 1, 1916, for Group 79, Arizona, ~~for~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


 U. S. Surveyor General.

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