

3374

Book "L"

4-679

BOOK 3374

161
1
Compared

FIELD NOTES

RE-
OF THE SURVEY OF THE

East boundary of

East and West boundaries, TOWNSHIP 16 NORTH, RANGE 16 EAST,

West boundary of TOWNSHIP 16 and of the SECTION, and

SURVEY OF

South boundary and

Subdivision lines of

TOWNSHIP 16 NORTH, RANGE 16 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews, U.S.S.

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 May 11, 1917.

Resurvey & Survey commenced May 22, 1917.

Resurvey & Survey completed June 18, 1917.

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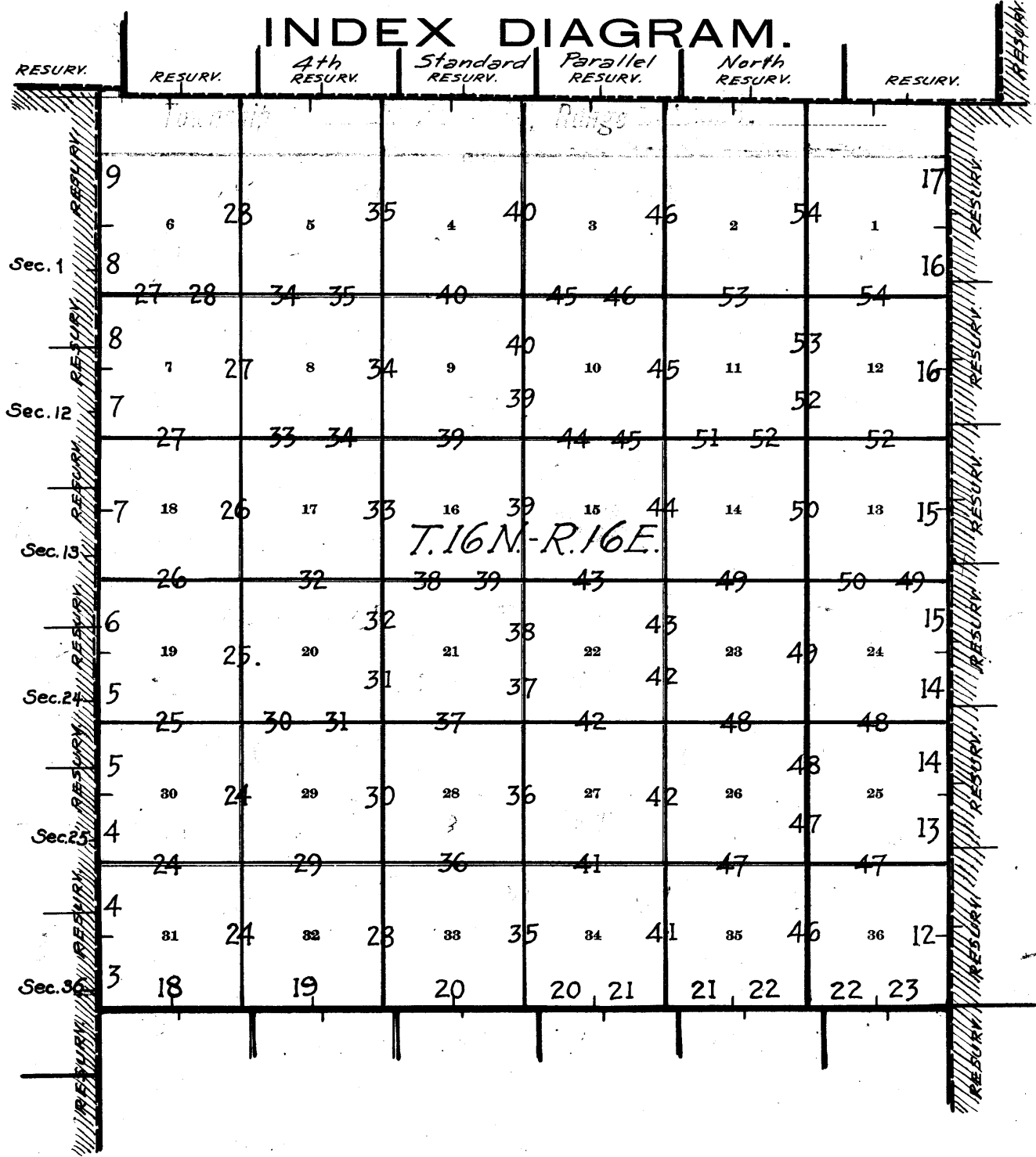
1A
162

3374

Book "L"

Group 79 - - - - Arizona.

BOOK 3374



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

chains.

Resurveys and surveys hereinafter described, executed by Thos. B. Matthews, U.S. Surveyor, and Wm. L. Nash, U.S. Transitman, on the dates shown on the diagram on page 57 hereof, using Buff and Buff light mountain transits Nos. 10124 and 9937, respectively. For description of instruments, together with records of certificate of approval, see Books "A" and "D."

Tests of Instrument No. 10124.

The adjustments of the transit were examined, and the level and collimation errors corrected; then to test the solar apparatus 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 following method was used.

June 3, 1917, at a point near camp, in sec. 21, T. 16 N., R. 16 E., in latitude $34^{\circ} 46'$ N.; longitude $110^{\circ} 39\frac{1}{2}'$ W. at 2h. 50m. 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 wooden peg, set firmly in the ground, 5 chs. N. of station.

At 7h. 0m., a.m., l.m.t., the azimuth of Polaris, $1^{\circ} 23\frac{1}{2}'$ is turned off to the west, and a point in the meridian thus determined is marked by a tack in a wooden peg set firmly in the ground, 5 chs. N. of station.

At 8h. 0m. a.m., l.m.t., $34^{\circ} 46'$ N. latitude is set off on the latitude arc; $22^{\circ} 18\frac{1}{2}'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined is identical with the meridian determined by observations on Polaris.

At 4h. 0m., p.m., l.m.t., $34^{\circ} 46'$ N. latitude is set off on the latitude arc; $22^{\circ} 21'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined is identical with the meridian determined by observations on Polaris. It is therefore concluded that the adjustments of the transit and solar attachment are satisfactory.

Tests of instrument No. 9937.

The adjustments of the transit were examined, and the level and collimation errors corrected; then to test the solar apparatus 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 following method was used:

June 3, 1917, at a point near camp in sec. 21, T. 16 N., R. 16 E., a meridian was determined by observations on Polaris, identically as described above under tests of instrument No. 10124.

At 8h. 0m., a.m., l.m.t., $34^{\circ} 46'$ N., latitude is set off on the lat. arc; $22^{\circ} 18\frac{1}{2}'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls 1' W. of the meridian determined by observations on Polaris.

At 4h. 0m. p.m., l.m.t., $34^{\circ} 46'$ N., latitude is set off on the lat. arc; $22^{\circ} 21'$ N. on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls 1' E. of the meridian determined by observations on Polaris. It is therefore concluded that the adjustments of the transit and solar attachment are satisfactory.

2. Dependent Resurvey of W. bdy. of Township 16 N., R.16 E.

Chains.

Retracement for Resurvey

- 98.72 From the reestablished closing cor. of Ts. 16 N., Rs. 15 and 16 E. on 4th. Std. Parallel N., described in Book "D," South, on random line, on E. bdy. of sec. 1, T. 16 N., R. 15 E. Fall 64 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a limestone, 16x10x4 ins. above ground, firmly set, marked with a cross (x) on top, " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1, T. 16 N., R. 15 E. are therefore N. 0° 22' E., 98.72 chs.
Thence,
South, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 1, T. 16 N., R. 15 E.
- 39.95 Fall 17 lks. E. of the original cor. of secs. 1, 6, 7 and 12, which is a limestone 13x11x6 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. No bearing trees.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore, N. 0° 15' E., 39.95 chs.
-
- 39.97 South, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 12, T. 16 N., R. 15 E.
Fall 9 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a limestone, 8x5x6 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by a mound of stone, W. of cor. No bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore, N. 0° 8' E., 39.97 chs.
Thence,
South, on random line on S. $\frac{1}{2}$ of E. bdy. of sec. 12, T. 16 N., R. 15 E.
- 39.94 Fall 5 lks. E. of the original cor. of secs. 7, 12, 13 and 18, which is a limestone 12x8x6 ins. 6 ins. above ground, firmly set, marked with 2 notches on N. edge, and 4 notches on S. 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 S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 4' E., 39.94 chs.
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- 39.94 South, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 13, T. 16 N., R. 15 E.
Fall 8 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a limestone, 10x6x4 ins. above ground, firmly set, markings obliterated and witnessed by mound of stone, W. of cor. No bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 13 are N. 0° 7' E., 39.94 chs.
Thence,
South, on a random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 13, T. 16 N., R. 15 E.
- 40.00 Fall 6 lks. E. of the original cor. of secs. 13, 18, 19 and 24, which is a limestone, 12x8x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by a mound of stone W. of cor. No bearing trees.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore N. 0° 5' E., 40.00 chs.
-
- 39.99 South, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 24, T. 16 N., R. 15 E.
Fall 5 lks. E. of original location of $\frac{1}{4}$ sec. cor. of secs. 19 and 24, as determined from the original accessory,

Dependent Resurvey of W. bdy. of Township 16 North, Range 16 East. 3

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|---------|---|
| Chains. | <p>a mound of stone, W. of cor. Diligent search fails to locate the original marked stone. There are no bearing trees. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 24 are N. 0° 4' E., 39.99 chs. Thence, South, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 24, T. 16 N., R. 15 E. 39.97 Fall 4 lks. E. of the original cor. of secs. 19, 24, 25 and 30, which is a limestone, 12x8x6 ins. above ground, firmly set, marked with 4 notches on N. edge, and 2 notches on S. edge, and witnessed by mound of stone, W. of cor. No bearing trees. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 24, are therefore N. 0° 3' E., 39.97 chs.</p> |
| 39.98 | <p>South, on random line, on N. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 16 N., R. 15 E. Fall 1 lk. E. of point of original location of $\frac{1}{4}$ sec. cor. of secs. 25 and 30, as determined from the original accessory, a mound of stone W. of cor. Diligent search fails to locate the original marked stone. There are no bearing trees. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 25, are N. 0° 1' E., 39.98 chs. Thence, South, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 16 N., R. 15 E.</p> |
| 40.00 | <p>Fall 1 link E. of point of original location of cor. of secs. 25, 30, 31 and 36, as determined from the original accessory, a mound of stone, W. of cor. Diligent search fails to locate original marked stone. There are no bearing trees. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 25 are N. 0° 1' E., 40.00 chs.</p> |
| 39.93 | <p>South, on random line on N. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 16 N., R. 15 E. Fall 3 lks. E. of point of original location of $\frac{1}{4}$ sec. cor. of secs. 31 and 36, as determined from the original accessory, a mound of stone, W. of cor. Diligent search fails to locate original marked stone. There are no bearing trees. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 36, are therefore N. 0° 3' E., 39.93 chs. Thence, South, on random line, on S. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 16 N., R. 15 E.</p> |
| 14.01 | <p>Intersect S. bdy. of T. 16 N., R. 16 E. (See survey of said line hereinafter described).</p> |
| 40.00 | <p>Continue line and measurement. Fall 13 lks. E. of the original cor. of Ts. 15 and 16 N., Rs. 15 and 16 E., which is a limestone, 20x5x4 ins. firmly set in a mound of stone, marked with 6 notches on each of N., S., E. and W. edges, and witnessed by mound of stone, S. of cor. No bearing trees. This cor. stone is on record as being set in ground instead of mound of stone as found. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36, are N. 0° 11' E., 40.00 chs.</p> |

Resurvey:

From reestablished cor. of Ts. 15 and 16 N., R. 16 E., hereinafter described,
N. 0° 11' E., on true line, on W. bdy. of sec. 31, T. 16 N., R. 16 E. (part of S. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 16 N., R. 15 E.)

A Dependent Resurvey of W. bdy. of Township 16 North, Range 16 E.

Chains.

14.01 Over rolling land, thru scattering undergrowth.
 (40.00 chs. N.0° 11'E., from cor. of Ts. 15 and 16 N., R. 15 E.) Intersect point of original location of $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinbefore described. At this point,
 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. 36, T. 16 N., R. 15 E., marked on brass cap,

S36
|
1917

to which the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. remains accessory.

Thence,
 N.0° 3'E., on true line, continuing measurement of W. bdy. of sec. 31 (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 36).

40.00 (25.99 chs. N.0° 3'E. from $\frac{1}{4}$ sec. cor. of sec. 36)
 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. 16 N., R. 16 E., marked on brass cap,

S31
|
1917

53.94 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 (39.93 chs. N.0° 3'E. from $\frac{1}{4}$ sec. cor. of sec. 36) Intersect the point of original location of cor. of secs. 25, 30, 31 and 36, hereinbefore described. At this point,
 Set an iron post, 3 ft. long, 3 ins. in diam., 5 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 25 and 36, T. 16 N., R. 16 E., marked on brass cap,

T16NR15E
S25
S36
|
1917

to which the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. remains accessory.

Thence,
 N.0° 1'E., on true line, continuing measurement of W. bdy. of sec. 31 (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 25).

80.00 (26.06 chs. N.0° 1'E., from cor. of secs. 25 and 36) Set an iron post, 3 ft. long, 3 ins. in diam., 8 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 30 and 31, T. 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S30
S31
|
1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

Land, rolling.

Soil, thin and sandy, 2nd rate.

No timber.

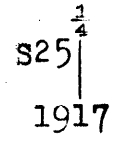
Undergrowth, scattering sage brush and greasewood.

13.94 N.0° 1'E., on true line, on W. bdy. of sec. 30, T. 16 N., R. 16 E. (part of S. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 16 N., R. 15 E.)
 Over rolling land, thru scattering undergrowth.
 (40.00 chs. N.0° 1'E. from cor. of secs. 25 and 36) Intersect point of original location of $\frac{1}{4}$ sec. cor. of secs. 25

Dependent Resurvey of W. bdy. of Township 16 North, Range 16 East. 5

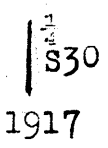
Chains

and 36, hereinbefore described.
At this point,
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. 25, T.16 N., R.15 E., marked on brass cap,



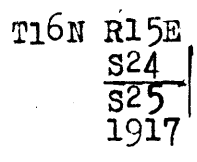
40.00

to which the old mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. remains accessory.
N. 0° 1' E. on true line, continuing measurement of W. bdy. of sec. 30 (beginning of N. 1/2 of E. bdy. of sec. 25).
(26.06 chs. N. 0° 1' E. from $\frac{1}{4}$ sec. cor. of sec. 25)
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. 30, T.16 N., R.16 E., marked on brass cap,



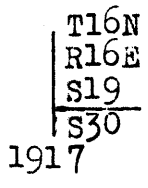
53.92

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.
(39.98 chs. N. 0° 1' E. from $\frac{1}{4}$ sec. cor. of sec. 25) Intersect original cor. of secs. 19, 24, 25 and 30, hereinbefore described. Change this cor. to refer to secs. 24 and 25 only, as follows:
Alongside old stone,
Set an iron post, 3 ft. long, 3 ins. in diam., 8 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 24 and 25, T.16 N., R.15 E., marked on brass cap,



80.00

to which the old mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. remains accessory.
Thence,
N. 0° 3' E., on true line, continuing measurement of W. bdy. of sec. 30 (beginning of S. 1/2 of E. bdy. of sec. 24).
(26.08 chs. N. 0° 3' E. from cor. of secs. 24 and 25)
Set an iron post, 3 ft. long, 3 ins. in diam., 10 ins. in the ground, for reestablished cor. of secs 19 and 30. T.16 N., R.16 E., marked on brass cap.



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor, and raise a mound of stone around post.
Land, rolling.
Soil, thin and sandy, 3rd rate.
No timber.
Undergrowth, sage brush and greasewood.

13.89

N. 0° 3' E., on true line, on W. bdy. of sec. 19, T.16 N., R.16 E. (part of S. 1/2 of E. bdy. of sec. 24, T.16 N., R.15 E.)
Over rolling land, thru scattering undergrowth.
(39.97 chs. N. 0° 3' E. from cor. of secs. 24 and 25) Intersect point of original location of $\frac{1}{4}$ sec. cor. of secs. 19

6. Dependent Resurvey of W. bdy. of Township 16 North, Range 16 East.

Chains.

and 24, hereinbefore described. At this point, 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. 24, T. 16 N., R. 15 E., marked on brass cap,

S24
1917

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

Thence, N. 0° 4' E., on true line, continuing measurement of W. bdy. of sec. 19 (beginning of N. 1/2 of E. bdy. of sec. 24).

18.08

Wagon road brs. NE. to Winslow and SW. to Pleasant Valley.

32.39

Summit of small knoll, brs. E. and W. Descend gradual slope.

40.00

(26.11 chs. N. 0° 4' E. from $\frac{1}{4}$ sec. cor. of sec. 24) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19, T. 16 N., R. 16 E., marked on brass cap,

S19
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

53.88

(39.99 chs. N. 0° 4' E., from $\frac{1}{4}$ sec. cor. of sec. 24), Intersect original cor. of secs. 13, 18, 19 and 24, hereinbefore described. Change this cor. to refer to secs. 13 and 24, only, as follows:

Alongside old stone,

Set an iron post, 3 ft. long, 3 ins. in diam., 4 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 13 and 24, T. 16 N., R. 15 E., marked on brass cap,

T16NR15E
S13
S24
1917

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

Thence, N. 0° 5' E., on true line, continuing measurement of W. bdy. of sec. 19, (beginning of S. 1/2 of E. bdy. of sec. 13)

60.38

Wash, 50 lks. wide, 3 ft. deep, course NE.

80.00

(26.12 chs. N. 0° 5' E., from cor. of secs. 13 and 24), 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. 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S18
S19
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rolling.

Soil, sandy and rocky, 3rd rate.

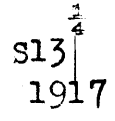
No timber.

undergrowth, scattering scrub cedar, sagebrush and greasewood.

Dependant Resurvey of W. bdy. of Township 16 North, Range 16 E.

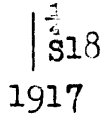
Chains.

13.88 N.0° 5'E., on true line, on W.bdy. of sec.18, T.16 N. R.16 E. (part of S.½ of E.bdy. of sec.13, T.16 N. R.15 E.) Over rolling land, through scattering scrub cedar and scattering undergrowth.
 (40.00 chs. N. 0°5' E., from cor. of secs. 13 and 24), Intersect original ¼ sec. cor. of secs. 13 and 18, hereinbefore described. Change this cor. to refer to sec.13 only, as follows:
 Alongside old stone,
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec.13, T.16 N., R.15 E., marked on brass cap,



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

40.00 Thence, N.0° 7' E., on true line, continuing measurement of W.bdy. of sec.18 (beginning of N.½ of E.bdy. of sec.13).
 (26.12 chs. N.0°7'E., from ¼ sec. cor. of sec.13),
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec.18, T.16 N., R.16 E., marked on brass cap,

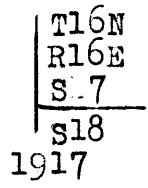


53.82 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. (39.94 chs. N.0°7'E., from ¼ sec. cor. of sec.13) Intersect original cor. of secs. 7, 12, 13 and 18, hereinbefore described. Change this cor. to refer to secs. 12 and 13 only, as follows:
 Alongside old stone,
 Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 12 and 13, T.16 N., R.15 E., marked on brass cap,



Destroy old mound of earth, fill in old pits, and dig pits 24x24x12 ins. NW. and SW. of post, 6 ft. dist.

80.00 Thence, N.0° 4' E., on true line, continuing measurement of W. bdy. of sec. 18 (beginning of S.½ of E. bdy. of sec. 12) 6 ft. dist. (26.18 chs. N.0°4'E. from cor. of secs. 12 and 13),
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, T.16 N., R.16 E., marked on brass cap,



Dig pits, 24x24x12 ins. NE. and SE. of post, 6 ft. dist. Land, rolling. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, scattering scrub cedar, sage brush and greasewood.

N.0°4'E., on true line, on W. bdy. of sec.7, T.16 N., R.16 E.

8. Dependent Resurvey of W. bdy. of T.16 N., R. 16 East.

Chains.

13.76 (part of S. $\frac{1}{2}$ of E. bdy. of sec. 12, T. 16 N., R. 15 E.)
 Over rolling land, thru scattering undergrowth.
 (39.94 chs. N. $0^{\circ}4'$ E. from cor. of secs. 12 and 13) Intersect original $\frac{1}{4}$ sec. cor. of sec. 7 and 12, hereinbefore described. Change this cor. to refer to sec. 12 only, as follows: Alongside old stone,
 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. 12, T. 16 N., R. 15 E., marked on brass cap,

S12
 1917

to which the old mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. remains accessory.

Thence,

40.00 N. $0^{\circ}8'$ E., on true line, continuing measurement of W. bdy. of sec. 7 (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 12).
 (26.24 chs. N. $0^{\circ}8'$ E. from $\frac{1}{4}$ sec. cor. of sec. 12), 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. 7, T. 16 N., R. 16 E., marked on brass cap,

S 7
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

53.73 (39.97 chs. N. $0^{\circ}8'$ E., from $\frac{1}{4}$ sec. cor. of sec. 12), Intersect original cor. of secs. 1, 6, 7 and 12, hereinbefore described. Change this cor. to refer to secs. 1 and 12 only, as follows: Alongside old stone,
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 12, T. 16 N., R. 15 E., marked on brass cap,

T16N
 R15E
 S 1
 S12
 1917

to which the old mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. remains accessory.

Thence,

80.00 N. $0^{\circ}15'$ E., on true line, continuing measurement of W. bdy. of sec. 7 (beginning of S. $\frac{1}{2}$ of E. bdy. of sec. 1).
 (26.27 chs. N. $0^{\circ}15'$ E. from cor. of secs. 1 and 12) 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. 16 N., R. 16 E., marked on brass cap,

T16N
 R16E
 S 6
 S 7
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Land, rolling.

Soil, sandy and rocky, 3rd rate.

No timber.

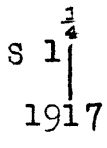
Undergrowth, scattering scrub cedar and sagebrush.

N. $0^{\circ}15'$ E., on true line, on W. bdy. of sec. 6, T. 16 N., R. 16 E. (part of S. $\frac{1}{2}$ of E. bdy. of sec. 1, T. 16 N., R. 15 E.)

Dependent Resurvey of W. bdy. of Township 16 North, Range 16 East. 9

Chains.

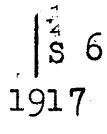
13.68 Over level land, thru scattering undergrowth.
 (39.95 chs. N.0°15'E. from cor. of secs. 1 and 12) Intersect original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, hereinbefore described. Change this cor. to refer to sec. 1 only, as follows:
 Alongside old stone,
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., of sec. 1, T. 16 N., R. 15 E., marked on brass cap,



to which the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. remains accessory.

Thence,
 N.0° 22'E. on true line, continuing measurement of W. bdy. of sec. 6 (beginning of N. $\frac{1}{2}$ of E. bdy. of sec. 1)
 Leave level land, and enter rolling land. Descend gradual NW. slope.

40.00 (26.32 chs. N.0° 22'E. from $\frac{1}{4}$ sec. cor. of sec. 1), Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 6, T. 16 N., R. 16 E., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

57.40 Descend gradual N. slope.
 Foot of descent brs. E and W. Ascend gentle S. slope.
 72.38 Top of ascent, brs. E. and W. Descend gradual N. slope.
 92.38 Foot of N. slope, brs. E. and W. Leave rolling land and enter level land.

112.40 (98.72 chs. N.0°22'E. from $\frac{1}{4}$ sec. cor. of sec. 1) Intersect the reestablished closing cor. of Ts. 15 N., Rs. 15 and 16 E., on 4th. Std. Parallel N., described in Book "D." Land, rolling and level. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, scattering sage brush.

 Dependent Resurvey of E. bdy. of Township 16 North, Range 16 East.

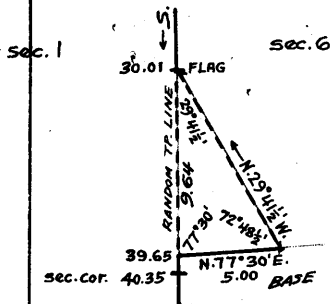
The east bdy. of T. 16 N. R. 16 E. was originally surveyed in 1883, and designated as the "4th Auxiliary Guide Meridian East," but as the line, in connection with the surveys in T. 16 N., R. 16 E. is not used as a Guide Meridian, the original designation is omitted from the following notes describing the resurvey of the line.

Retracement for Resurvey:

From reestablished closing cor. of Ts. 16 N., Rs. 16 and 17 E., on 4th Std. Parallel north, described in Book "X," South, on random line, on N. $\frac{1}{2}$ of W. bdy. of sec. 6, T. 16 N., R. 17 E.
 60.23 Fall 94 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a limestone, 16x4x6 ins. above ground, firmly set, marked "1/4" on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 6, are therefore N.0° 54' W., 60.24 chs.

10. Dependent Resurvey of E. bdy. of Township 16 North, Range 16 East

Chains. Retracement for Resurvey, continued.
 Thence,
 30.01 South, on random line, on S. half of W. bdy. of sec. 6.
 North, or left rim of Chevelon Canyon, brs. E. and W. Chain
 measurement across canyon being impracticable, trian-
 gulate as follows:



Leave flag at this point.
 From a point on random line
 on S. or right rim of Canyon,
 measure a base N. 77° 30' E.,
 5.00 chs.
 From E. end of base, flag brs.
 N. 29° 41 1/2' W.
 The included angles are 72° 48 1/2',
 77° 30' and 29° 41 1/2', the sum
 of which is 180° 00'.

Triangulated dist. is therefore obtained by

$$\frac{\text{side } 72^{\circ}48\frac{1}{2}' \times \text{base}}{\text{side } 29^{\circ}41\frac{1}{2}'}$$
 or $\frac{.95532 \times 5.00}{.49533} = 9.64 \text{ chs.}$
 which added to 30.01 chs. =

39.65 Triangulation point on S. or right rim of canyon.
 Continue measurement by chaining.
 40.35 Fall 179 lks. E. of original cor. of secs. 1, 6, 7 and 12,
 which is a limestone, 14x7x6 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.
 No bearing trees.
 True course and dist. of S. 1/2 of W. bdy. of sec. 6 are
 therefore N. 2° 32' E., 40.39 chs.

40.94 South, on random line on N. 1/2 of W. bdy. of sec. 7.
 Fall 36 lks. E. of the original 1/4 sec. cor. of secs. 7 and
 12, which is a limestone, 10x6x4 ins. above ground,
 firmly set, marked "1/4" on W. face, and witnessed by mound
 of stone, W. of cor. No bearing trees.
 True course and dist. of N. 1/2 of W. bdy. of sec. 7, are
 therefore N. 0° 30' E., 40.94 chs.

40.98 Thence,
 South, on random line on S. 1/2 of W. bdy. of sec. 7.
 Fall 42 lks. E. of original cor. of secs. 7, 12, 13 and 18,
 which is a limestone, 12x10x5 ins. above ground, firmly
 set, marked with 2 notches on N. edge, and 4 notches on
 S. edge, and witnessed by mound of stone, W. of cor.
 No bearing trees.
 True course and dist. of S. 1/2 of W. bdy. of sec. 7 are
 therefore N. 0° 35' E., 40.98 chs.

41.04 South, on random line, on N. 1/2 of W. bdy. of sec. 18.
 Fall 27 lks. E. of original 1/4 sec. cor. of secs. 13 and 18,
 which is a limestone, 9x6x5 ins. above ground, firmly
 set, marked "1/4" on W. face, and witnessed by 2 pits, one
 each N. and S. of stone, and mound of stone W. of cor.
 No bearing trees.
 True course and dist. of N. 1/2 of W. bdy. of sec. 18 are
 therefore, N. 0° 23' E., 41.04 chs.

40.92 Thence,
 South, on random line on S. 1/2 of W. bdy. of sec. 18.
 Fall 40 lks. E. of original cor. of secs. 13, 18, 19 and 24,
 which is a limestone, 10x6x6 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. No bearing
 trees.
 True course and dist. of S. 1/2 of W. bdy. of sec. 18, are
 therefore N. 0° 34' E., 40.92 chs.

Dependent Resurvey of E. bdy. of Township 16 North, Range 16 East. 11

Chains.

Retracement for Resurvey: (continued)

40.93 South, on random line on N. $\frac{1}{2}$ of W. bdy. of sec. 19.
 Fall 36 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a limestone, 10x6x4 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone W. of cor. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 19 are therefore N. 0° 30' E., 40.93 chs.

40.84 Fall 2 lks. E. of original cor. of secs. 19, 24, 25 and 30, which is a wooden post, 4 ins. sq., 3 ft. above ground, firmly set, marked "T16NS19" on NE. face, "R17ES30" on SE. face, "R16ES25" on SW. face, "S24" on NW. face, and 4 notches on N. edge, and 2 notches on S. edge, and witnessed by 4 pits, one in each sec., and mound of earth around post. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 19, are therefore N. 0° 2' E., 40.84 chs.

40.88 South, on a random line, on N. $\frac{1}{2}$ of W. bdy. of sec. 30.
 Fall 2 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is wooden post, 3 ins. sq. 2 ft. above ground, firmly set, marked "1/2 S" on W. face, and witnessed by two pits, one each N. and S. of post, and mound of earth around post. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 30, are therefore N. 0° 2' W., 40.88 chs.

40.99 Thence,
 South, on random line on S. $\frac{1}{2}$ of W. bdy. of sec. 30.
 Fall 26 lks. E. of original cor. of secs. 25, 30, 31 and 36, which is a wooden post, 4 ins. sq., 3 ft. above ground, firmly set, marked "T16NS30" on NE. face, "R17ES31" on SE. face, "R16ES36" on SW. face, "S25" on NW. face, and 5 notches on N. edge, and 1 notch on S. edge, and witnessed by 4 pits, one in each sec., and mound of earth around post. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 30, are therefore, N. 0° 22' E., 40.99 chs.

39.88 South, on random line, on N. $\frac{1}{2}$ of W. bdy. of sec. 31.
 Fall 21 lks. E. of point of original location of $\frac{1}{4}$ sec. cor. of secs. 31 and 36, determined by the original pits N. and S., and the original mound of earth in which the post was set. The original wood post, 3 ft. long, 3 ins. sq., marked "1/2 S" on one face is lying on the ground alongside the mound of earth.
 True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 31, are therefore N. 0° 18' E., 39.88 chs.

41.89 Thence,
 South, on random line on S. half of W. bdy. of sec. 31.
 Fall 56 lks. E. of original cor. of Ts. 15 and 16 N., Rs. 16 and 17 E., which is a wooden post, 4 ins. square, 3 ft. above ground firmly set, mkd. "T16NS31" on NE. face, "R17ES6" on SE. face, "T15NS1" on SW. face, "R16ES36" on NW. face, and 6 notches on each edge, and witnessed by 4 pits, one each N., S.E. and W. of post, and mound of earth around post. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 36 are therefore N. 0° 46' E., 41.89 chs.

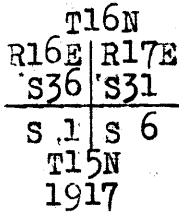
RESURVEY:

Reestablish the cor. of Ts. 15 and 16 N., Rs. 16 and 17 E., as follows:
 Remove the old wood post, destroy the old mound of earth in which the post was set, fill in the old pits, and

12. Dependent Resurvey of Eastt bdy. of Township 16 N., R. 16 E.

Chains.

at point from which old post is removed, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of Ts. 15 and 16 N., R. 16 and 17 E., marked on brass cap,



from which,

A cedar, 8 ins. in diam., brs. N. 56 1/2° E., 275 lks. dist., marked T16N R17E S31 BT.

A cedar, 8 ins. in diam., brs. S. 30 3/4° E., 280 lks. dist., marked T15N R17E S6BT.

A cedar, 10 ins. in diam., brs. S. 61 1/2° W., 327 lks. dist., marked T15N R16E S1 BT.

A cedar, 6 ins. in diam., brs. N. 45 1/2° W., 295 lks. dist., marked T16N R16E S36 BT.

Thence,

N. 0° 46' E. on true line, on E. bdy. of sec. 36, T. 16 N., R. 16 E.

Over rolling land, thru scattering timber and undergrowth.

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. 36, T. 16 N., R. 16 E., marked on brass cap,



1917

41.89 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Intersect the point of original location of 1/4 sec. cor. of secs. 31 and 36, hereinbefore described. Change this to 1/4 sec. cor. of sec. 31 only as follows:

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 31, T. 16 N., R. 17 E., marked on brass cap,



1917

to which the old pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. remain accessory.

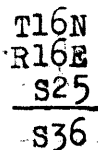
Thence,

N. 0° 18' E., on true line, continuing measurement of E. bdy. of sec. 36, T. 16 N., R. 16 E. (beginning of N. 1/2 of W. bdy. of sec. 31, T. 16 N., R. 17 E.)

57.59 Wash, course SE.

69.29 wash, 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. 25 and 36, T. 16 N., R. 16 E., marked on brass cap,



1917

from which,

A cedar, 8 ins. in diam., brs. S. 33 1/4° W., 272 lks. dist., marked T16N R16E S36 BT.

A cedar, 10 ins. in diam., brs. N. 14° W., 308 lks. dist., marked T16N R16E S25 BT.

Dependent Resurvey of East bdy. of Township 16 North Range 16 East. 13

Chains.

Land, rolling.
Soil, sandy, 3rd rate.
Timber, scattering cedar.
Undergrowth, scattering sage brush.
Fair grass.

1.77

N. 0° 18' E., on true line, on E. bdy. of sec. 25, T. 16 N., R. 16 E. (part of N. 1/2 of W. bdy. of sec. 31, T. 16 N., R. 17 E.)
Over rolling land, thru scattering timber and undergrowth, (39.88 chs. N. 0° 18' E. from 1/4 sec. cor. of sec. 31), Intersect original cor. of secs. 25, 30, 31 and 36, hereinbefore described. Change this cor. to refer to secs. 30 and 31 only, as follows:
Remove old wood post, destroy old mound of earth in which it was set, fill in old pits and at point from which post is removed,
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. 16 N., R. 17 E., marked on brass cap,

T16N
R17E
S30
S31

1917

from which,

- A cedar, 8 ins. in diam., brs. N. 50 1/2° E., 122 lks. dist., marked T16N R17E S30 BT.
- A cedar, 6 ins. on diam., brs. S. 20 1/2° E., 200 lks. dist., marked T16N R17E S31 BT.

Thence,

N. 0° 22' E., on true line, continuing measurement of E. bdy. of sec. 25 (beginning of S. 1/2 of W. bdy. of sec. 30).

21.29
40.00

Road, brs. NW. and SE.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 25, T. 16 N., R. 16 E., marked on brass cap,

1/4 S25

1917

from which,

- A cedar, 6 ins. in diam., brs. S. 54° W., 110 lks. dist., marked 1/4 S 25 B T.
- A cedar, 10 ins. in diam., brs. N. 24° W., 245 lks. dist., marked 1/4 S 25 B T.

42.76

(40.99 chs. N. 0° 22' E., from cor. of secs. 30 and 31), Intersect original 1/4 sec. cor. of secs. 25 and 30, hereinbefore described. Change this to 1/4 sec. cor. of sec. 30 only, as follows:

Remove old wood post, destroy old mound of earth in which it was set, fill in old pits, and at point from which post is removed,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 30, T. 16 N., R. 17 E., marked on brass cap,

1/4 S30

1917

from which,

- A cedar, 8 ins. in diam., brs. N. 49° E., 165 lks. dist., marked 1/4 S 30 BT.
- A cedar, 6 ins. in diam., brs. S. 70 1/2° E., 451 lks. dist., marked 1/4 S 30 BT.

Thence,

N. 0° 28' W., on true line, continuing measurement of E. bdy. of sec. 25 (beginning of N. 1/2 of W. bdy. of sec. 30).

14 Dependent Resurvey of East bdy. of Township 16 North Range 16 East

Chains.
80.00

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 24 and 25, T. 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S24

S25
1917

from which,

A cedar, 10 ins. diam., brs. S. $69\frac{1}{2}^\circ$ W., 222 lks. dist., marked T16N R16E S25 BT.

A cedar, 8 ins. in diam., brs. N. $72\frac{1}{2}^\circ$ W., 32 lks. dist., marked T16N R16E S24 BT.

Land, rolling.

Soil, sandy, 3rd rate.

Timber, scattering cedar.

Undergrowth, scattering sage brush.

Fair grass.

3.64

N. $0^\circ 2'$ W., on true line, on E. bdy. of sec. 24, T. 16 N., R. 16 E. (part of N. $\frac{1}{2}$ of W. bdy. of sec. 30, T. 16 N., R. 17 E.)

Over rolling land, thru scattering timber and undergrowth. (40.88 chs. N. $0^\circ 2'$ W., from $\frac{1}{4}$ sec. cor. of sec. 30) Intersect original cor. of secs. 19, 24, 25 and 30, hereinbefore described. Change this cor. to refer to secs. 19 and 30 only, as follows:

Remove old wood post, destroy old mound of earth in which it was set, fill in old pits, and at point from which post is removed,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 19 and 30, T. 16 N., R. 17 E., marked on brass cap,

T16N.
R17E
S19

S30
1917

from which,

A cedar, 10 ins. in diam., brs. N. $9\frac{1}{2}^\circ$ E., 19 lks. dist., marked T16N R17E S19 BT.

A cedar, 6 ins. in diam., brs. S. $56\frac{3}{4}^\circ$ E., 188 lks. dist., marked T16N R17E S30 BT.

Thence,

N. $0^\circ 2'$ E., on true line, continuing measurement of E. bdy. of sec. 24 (beginning of S. $\frac{1}{2}$ of W. bdy. of sec. 19).

40.00

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. 24, T. 16 N., R. 16 W., marked on brass cap,

$\frac{1}{4}$ S24

1917

44.48

(40.84 chs. N. $0^\circ 2'$ E., from cor. of secs. 19 and 30) Intersect original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, hereinbefore described. Change this to $\frac{1}{4}$ sec. cor. of sec. 19 only, as follows:

Obliterate markings on W. face of stone, destroy old mound of stone W. of cor., mark " $\frac{1}{4}$ " on E. face of stone, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Thence,

Dependent Resurvey of East bdy. of Township 16 North, Range 16 East.

Chains

80.00 N. 0° 30' E., on true line, continuing measurement of E. bdy. of sec. 24 (beginning of N. 1/2 of W. bdy. of sec. 19). Set an iron post, 3 ft. long, 3 ins. in diam., 8 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 13 and 24, T. 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S13
S24
1917

from which,
A cedar, 6 ins. in diam., brs. S. 70 1/2° W., 158 lks. dist., marked T16N R16 E S24 BT.
A cedar, 8 ins. in diam., brs. N. 41 3/4° W., 102 lks. dist., marked T16N R16E S13 BT.

Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, scattering cedar.
Undergrowth, scattering sage brush.
Fair grass.

5.41

N. 0° 30' E., on true line, on E. bdy. of sec. 13, T. 16 N., R. 16 E. (part of N. 1/2 of W. bdy. of sec. 19, T. 16 N., R. 17 E.) Over rolling land, thru scattering timber and undergrowth. (40.93 chs. N. 0° 30' E. from 1/4 sec. cor. of sec. 19) Intersect original cor. of secs. 13, 18, 19 and 24, hereinbefore described. Change this cor. to refer to secs. 18 and 19 only, by destroying old mound of stone, W. of cor. and building mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

29.29
40.00

Thence,
N. 0° 34' E., on true line, continuing measurement of E. bdy. of sec. 13 (beginning of S. 1/2 of W. bdy. of sec. 18) Leave timber, brs. E and W.
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of sec. 13, T. 16 N., R. 16 E., marked on brass cap,

1/4 S13
1917

46.33

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
(40.92 chs. N. 0° 34' E. from cor. of secs. 18 and 19), Intersect original 1/4 sec. cor. of secs. 13 and 18, hereinbefore described. Change this to 1/4 sec. cor. of sec. 18 only, by obliterating marking on W. face of stone, marking "1" on E. face, and dig out original pits N. and S. of cor. to 18x18x12 ins.

72.79
73.84
74.99
80.00

Thence,
N. 0° 23' E., on true line, continuing measurement of E. bdy. of sec. 13 (beginning of N. 1/2 of W. bdy. of sec. 18).
S. or left rim of Black Canyon, brs. E. and W.
Bottom of Black Canyon, course W.
N. or right rim of Black Canyon, brs. E and W.
Set an iron post, 3 ft. long, 3 ins. in diam., 8 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 12 and 13, T. 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S12
S13
1917

16. Dependent. Resurvey of East bdy. of Township 16 North, Range 16 E.

Chains.

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, rocky, 3rd rate, on limestone subsoil.
Timber, scattering cedar, as noted.
Undergrowth, scattering sagebrush and algerita.
Poor grass.

7.37

N. 0° 23' E., on true line, on E. bdy. of sec. 12, T. 16 N., R. 16 E. (part of N. 1/2 of W. bdy. of sec. 18, T. 16 N., R. 17 E.)
Over rolling land, thru scattering undergrowth.
(41.04 chs. N. 0° 23' E. from 1/2 sec. cor. of sec. 18) Intersect original cor. of secs. 7, 12, 13 and 18, hereinbefore described. Change this cor. to refer to secs. 7 and 18 only by destroying old mound of stone, W. of cor., and building a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

37.99
40.00

Thence,
N. 0° 35' E., on true line, continuing measurement of E. bdy. of sec. 12 (beginning of S. 1/2 of W. bdy. of sec. 7).
S. edge of sink hole. Descend 60 ft.
In bottom of sink hole, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 12, T. 16 N., R. 16 E., marked on brass cap.

1/4 S12

1917

43.00
48.35

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Ascend 60 ft. to
N. edge of sink hole.
(40.98 chs. N. 0° 35' E. from cor. of secs. 7 and 18), Intersect original 1/4 sec. cor. of secs. 7 and 12, hereinbefore described. Change this cor. to 1/4 sec. cor. of sec. 7 only, by destroying old mound of stone, W. of cor., obliterating marking on W. face of stone, marking "1/4" on E. face of stone, and building a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

80.00

Thence,
N. 0° 30' E. on true line, continuing measurement of E. bdy. of sec. 12 (beginning of N. 1/2 of W. bdy. of sec. 7).
Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 1 and 12, T. 16 N., R. 16 E., marked on brass cap.

T16N

R16E

S 1

S12

1917

Dig pits, 24x24x12 ins. NW. and SW. of post, 6 ft. dist.
Land, rolling,
Soil, rocky, 3rd rate, on limestone subsoil.
Timber, none.
Undergrowth, scattering sage brush.
Poor grass.

• 9.29

N. 0° 30' E., on true line, on E. bdy. of sec. 1, T. 16 N., R. 16 E. (part of N. 1/2 of W. bdy. of sec. 7, T. 16 N., R. 17 E.)
Over rolling land, thru scattering undergrowth.
(40.94 chs. N. 0° 30' E. from 1/2 sec. cor. of sec. 7), Intersect original cor. of secs. 1, 6, 7 and 12, hereinbefore described. Change this cor. to refer to secs. 6 and 7,

Dependent Resurvey of East bdy. of Township 16 North, Range 16 E. 17

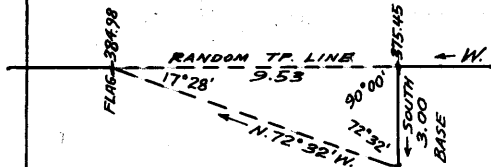
| | |
|---------|--|
| Chains. | <p>only, by destroying old mound of stone, W. of cor. and building a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.</p> |
| | <p>Thence.</p> |
| | <p>N. 2° 32' E., on true line, continuing measurement of E. bdy. of sec. 1 (beginning of S. ½ of W. bdy. of sec. 6).</p> |
| 9.81 | <p>Over rolling land, thru. scattering timber and undergrowth. S. or right rim of Chevelon Canyon, brs. E. and W. Measurement across canyon by triangulation, hereinbefore described in retracement notes.</p> |
| 15.00 | <p>(Approximate) Chevelon Creek, running water, 30 lks. wide, 2 ft. deep, course E. in bottom of canyon.</p> |
| 19.67 | <p>N. or left rim of Chevelon Canyon, brs. E. and W. Continue measurement by chaining.</p> |
| 40.03 | <p>(40.00 chs. northing from cor. of secs. 1 and 12.) Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in a mound of stone, for reestablished ¼ sec. cor. of sec. 1, T. 16 N., R. 16 E., marked on brass cap.</p> |
| | <p>181</p> |
| | <p>1917</p> |
| 49.68 | <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> |
| | <p>(40.39 chs. N. 2° 32' E. from cor. of secs. 6 and 7). Intersect the original ¼ sec. cor. of secs. 1 and 6, hereinbefore described. Change this cor. to ¼ sec. cor. of sec. 6 only by obliterating marking on W. face of stone, destroying old mound of stone, W. of cor., marking "1" on E. face of stone, and building mound of stone, 2 ft. base, 1½ ft. high, E. of cor.</p> |
| | <p>Thence.</p> |
| | <p>N. 0° 54' W., on true line, continuing measurement of E. bdy. of sec. 1 (beginning of N. ½ of W. bdy. of sec. 6).</p> |
| 109.92 | <p>(60.24 chs. N. 0° 54' W., from ¼ sec. cor. of sec. 6) Intersect reestablished closing cor. of T. 16 N., R. 16 and 17 E. on 4th. Std. Parallel N., described in Book "K."</p> |
| | <p>Land, rolling.</p> |
| | <p>Soil, sandy and rocky, 3rd rate.</p> |
| | <p>Timber, scattering cottonwood and walnut in canyon, scattering cedar elsewhere.</p> |
| | <p>Undergrowth, scattering sage brush.</p> |
| | <p>Poor grass.</p> |

18 survey of south bdy of Township 16 North, Range 16 East.

Chains.

79.11 From reestablished cor. of Ts. 15 and 16 N., Rs. 16 and 17 E., hereinbefore described, West, on random line, bet. Ts. 15 and 16 N. R. 16 E. Intersect Sectional Guide Meridian surveyed due north, thru. T. 15 N., R. 16 E., as described in Book "M." At point of intersection, set temp. cor. of secs. 1 and 2, T. 15 N., R. 16 E. Continue line and measurement, setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. for secs. in T. 15 N., R. 16 E. only, beginning at the temp. cor. of secs. 1 and 2 thereof.

375.45 A point near E. or right rim of Chevelon Canyon, across which chaining is impracticable; therefore triangulate as follows:



Measure a base, south 3.00 chs. At point on random line, on W. or left rim of canyon, set a flag. From S. end of base, flag brs. N. 72° 32' W. Included angles are 72° 32', 17° 28' and 90° 00', the sum of which is 180° 00'.

Triangulated dist. on random line is obtained by tang. $72^{\circ}32' \times \text{base}$ or $3.17804 \times 3.00 = 9.53$ chs., which added to 375.45 chs. =

384.98 Flag point on W. or left rim of canyon, bearing N. and S. Continue line and measurement by chaining

482.23 Intersect S. $\frac{1}{4}$ of E. bdy. of sec. 36, T. 16 N., R. 15 E. at 14.01 chs. S. 0° 11' W. from $\frac{1}{4}$ sec. cor. of said sec., hereinbefore described.

At point of intersection, Set an iron post, 3 ft. long, 3 ins. in diam., 4 ins. in the ground, in a mound of stone, for reestablished cor. of Ts. 15 and 16 N., R. 16 E., marked on brass cap,

T16N
R16E
S31
S 6
T15N
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Thence, East, on a true line, on S. bdy. of sec. 31, T. 16 N., R. 16 E. Over rolling land, thru. scattering undergrowth.

20.00 Old road, bra. NE. and SW.

40.00 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. of sec. 31, T. 16 N., R. 16 E., marked on brass cap,

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

43.12 (360.00 chs. W. from cor. of secs. 1 and 2, T. 15 N., R. 16 E.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., of sec. 6, T. 15 N., R. 16 E., marked on brass cap,

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 31 and 32, T. 16 N. R. 16 E.,

South bdy. of Township 16 North, Range 16 East.

Chains.

marked on brass cap,

T16N | R16E
S31 | S32

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, none.
Undergrowth, scattering sage brush.
Fair grass.

3.12 East, on a true line, on S. bdy. of sec. 32, T.16 N., R.16 E.
Over rolling land, thru scattering undergrowth.
(40.00 chs. E. from ¼ sec. cor. of sec. 6)
Set an iron post, ¾ ft. long, 3 ins. in diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 5 and 6; T.15 N., R.16 E., marked on brass cap,

S 6 | S 5
T15N | R16E

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

17.25 Flag point of triangulation hereinbefore described, on W. or left rim of Chevelon Canyon, bearing N. and S. Measurement across canyon by triangulation, hereinbefore described.

21.50 (Approximate) Chevelon Creek, running water, 30 lks. wide 18 ins. deep, course N. in bottom of canyon.

26.44 E. or right rim of Chevelon Canyon, brs. N. and S., turns E. at a short dist. N. of line.

Continue line and measurement by chaining.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 9 ins. in the ground, in a mound of stone, for ¼ sec. cor. of sec. 32 T.16 N., R.16 E., marked on brass cap,

¼ S 32
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

43.12 (40.00 chs. E. from cor. of secs. 5 and 6)
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 5, T.15 N., R.16 E., marked on brass cap,

¼ S 5
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 32 and 33, T.16 N., R.16 E., marked on brass cap,

T16N | R16E
S32 | S33

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Land, rolling, except across canyon.

20. South bdy. of Township 16 North Range 16 East

Chains.

Soil, sandy and rocky, 3rd rate.
Timber, none.
Undergrowth, scattering sage brush.
Fair grass.

3.12 East, on true line, on S. bdy. of sec. 33, T.16 N., R.16 E.
Over rolling land, thru scattering undergrowth.
(80.00 chs. E. from cor. of secs. 5 and 6),
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for cor. of secs. 4 and 5, T.15 N. R.16 E.,
marked on brass cap,

S 5 | S 4
T15N R16E
1917

40.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of
cor.
Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in
the ground, in a mound of stone, for 1/4 sec. cor. of
sec. 33, T.16 N. R.16 E., marked on brass cap,

S 33
1917

43.12 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
of cor.
(40.00 chs. E. from cor. of secs. 4 and 5)
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for 1/4 sec. cor. of sec. 4, T.15 N. R.16 E.,
marked on brass cap,

S 4
1917

80.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of
cor.
Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in
the ground, in a mound of stone, for cor. of secs. 33
and 34, T.16 N., R.16 E., marked on brass cap,

T16N R16E
S33 | S34
1917

and raise a mound of stone, 2ft. base, 1 1/2 ft. high, N. of
cor.
Land, rolling.
Soil, sandy and gravelly, 3rd rate, on limestone subsoil.
Timber, none.
Undergrowth, scattering sage brush and Spanish dagger.
Fair grass.

3.12 East, on true line, on S. bdy. of sec. 34, T.16 N., R.16 E.
Over rolling land, thru scattering timber and undergrowth.
(80.00 chs. E. from cor. of secs. 4 and 5),
Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in
the ground, in a mound of stone, for cor. of secs. 3 and 4,
T.15 N., R.16 E., marked on brass cap,

S 4 | S 3
T15N R16E
1917

South boundary of Township 16 North, Range 16 East. 21

Chains.

from which,

A cedar, 8 ins. in diam., brs. S. 54 1/2° E., 294 lks. dist., marked T 15 N R 16 E S 3 BT.

No other trees within limits.

40.00

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.
Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, in a mound of stone, for 1/4 sec. cor. of sec. 34, T. 16 N., R. 16 E., marked on brass cap,

1/4 S 34
1917

43.12

dig pits, 18x18x12 ins., E and W. of post, 3 ft. dist. (40.00 chs. E. from cor. of secs. 3 and 4.)
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 3, T. 15 N., R. 16 E., marked on brass cap,

1/4 S 3
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.

54.20

W. bank of Potato Wash, brs. NW. and SE. Descend 56 ft. to

56.70

Bottom of Potato Wash, course NW. Ascend 56 ft.

59.23

E. bank of Potato Wash, brs. NW. and SE.

77.73

Road brs. S. to Heber and N.

80.00

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 34 and 35, T. 16 N., R. 16 E., marked on brass cap,

T16N | R16E
S34 | S35
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Land, rolling.

Soil, sandy and rocky, 3rd rate.

Timber, scattering cedar.

Undergrowth, scattering sage brush and Spanish dagger.

Fair grass.

3.12

East, on true line, on S. bdy. of sec. 35, T. 16 N., R. 16 E. Over rolling land, thru scattering timber and undergrowth. (80.00 chs. E. from cor. of secs. 3 and 4)

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 2 and 3, T. 15 N., R. 16 E., marked on brass cap,

S 3 | S 2
T15N | R16E
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 35, T. 16 N., R. 16 E., marked on brass cap,

1/4 S 35
1917

from which,

A cedar, 8 ins. in diam., brs. N. 59° E., 189 lks. dist., marked 1/4 S 35 BT.

Chains.

43.12 A cedar, 6 ins. in diam., brs. N.17° W., 114 lks. dist., marked $\frac{1}{4}$ S 35 B T.
 (40.00 chs. E. from cor. of secs. 2 and 3)
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. for $\frac{1}{4}$ sec. cor. of sec. 2, T. 15 N., R. 16 E., marked on brass cap,

$\frac{1}{4}$ S 2
 1917

from which,

A cedar, 8 ins. in diam., brs. S. 80° W., 145 lks. dist., marked $\frac{1}{4}$ S 2 B T.

No other trees within limits.

80.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 35 and 36, T. 16 N., R. 16 E., marked on brass cap,

T16N R16E
 S35|S36
 1917

Dig pits, 24x24x12 ins., NE. and NW. of post, 6 ft. dist.
 Land, rolling.
 Soil, sandy and rocky, 2nd and 3rd rate.
 Timber, scattering cedar.
 Undergrowth, scattering sage brush, and Spanish dagger.
 Fair grass.

3.12 East, on true line, on S. bdy. of sec. 36, T. 16 N., R. 16 E.
 Over rolling land, thru. scattering timber and undergrowth.
 (80.00 chs. E. from cor. of secs. 2 and 3) Intersect Sectional Guide Meridian surveyed due north, thru. T. 15 N., R. 16 E., as described in Book "M." At point of intersection,
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1 and 2, T. 15 N., R. 16 E., marked on brass cap,

S 2 | S 1
 T15N R16E
 1917

40.00 Dig pits, 24x24x12 ins. SE. and SW. of post, 6 ft. dist.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, T. 16 N., R. 16 E., marked on brass cap,

$\frac{1}{4}$ S 36
 1917

43.12 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 (40.00 chs. E. from cor. of secs. 1 and 2)
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, T. 15 N., R. 16 E., marked on brass cap,

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

46.16 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 50.53 Fence brs. NE. and SW.
 Wash, 8 lks. wide, 2 ft. deep, course NE.

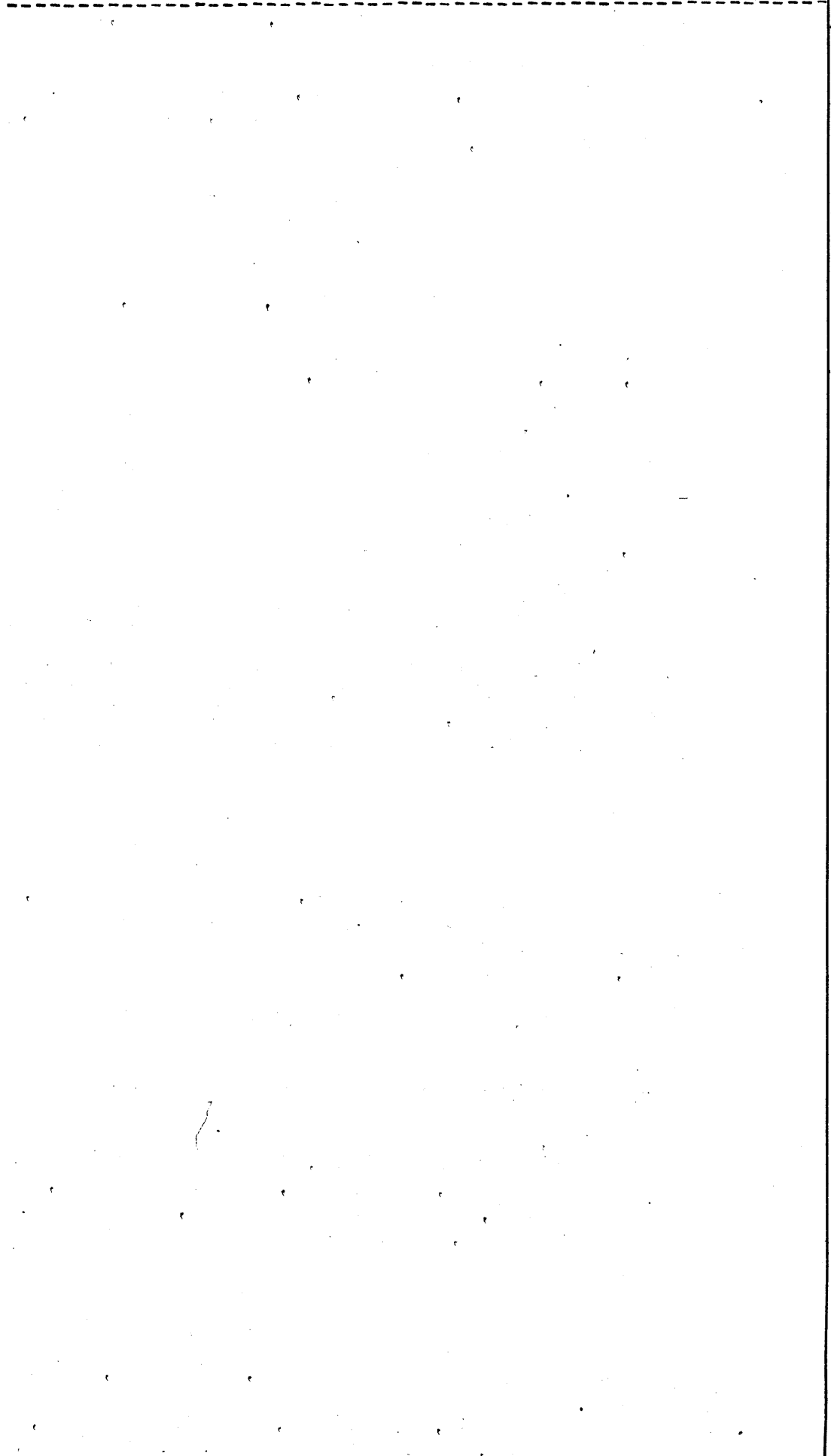
South boundary of Township 16 North, Range 16 East., 23.

Chains.

59.73 Same fence brs. NW. and SE. At about 4 lks. SE., fence turns E., and parallels township line at about 3 lks. S. therefrom.

82.23 (79.11 chs. E. from cor. of secs. 1 and 2, T. 15 N. R. 16 E.) Intersect the reestablished cor. of T. 15 and 16 N., R. 16 and 17 E., hereinbefore described.

Land, rolling.
Soil, sandy, 2nd rate.
Timber, very scattering cedar.
Undergrowth, scattering sage brush.
Fair grass.



24. Survey of Subdivision of Township 16 North, Range 16 East.

Chains.

Mean bearing of W. bdy. of Tp. is N.0° 8'E.; therefore, From the cor. of secs. 31 and 32 on S. bdy. of Tp., here-

inbefore described, N.0°9'E., bet. secs. 31 and 32.

40.00

Over rolling land, thru. scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S31 1/4 | S32
1917

and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

71.00

Old road, brs. NE. and SW.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,

T16N | R16E
S30 | S29

S31 | S32
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, gently rolling.

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

No timber.

Undergrowth, sage brush.

Abundant grass.

40.00

West, on a random line, bet. secs. 30 and 31.

80.13

Set temp. 1/4 sec. cor. Fall 15 lks. S. of reestablished cor. of secs. 30 and 31, on W. bdy. of Tp., hereinbefore described.

Thence,

S. 89° 54' E., on a true line, bet. secs. 30 and 31.

40.07 1/2

Over gently rolling land, thru. scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 30

S 31
1917

80.13

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

The cor. of secs. 29, 30, 31 and 36.

Land, gently rolling.

Soil, thin and sandy, 2nd rate.

No timber.

Undergrowth, sagebrush and yucca.

Fair growth of grass.

40.00

N.0° 9'E., bet. secs. 29 and 30.

Over gently rolling land, thru. scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for 1/4 sec. cor. marked on brass cap,

S30 1/4 | S29
1917

and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

80.00

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

Subdivision of Township 16 North, Range 16 East. 25

Chains

on brass cap,

| | |
|------|------|
| T16N | R16E |
| S19 | S20 |
| S30 | S29 |
| 1917 | |

and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

Land, rolling.
Soil, thin and sandy.
No timber.
Undergrowth, sage brush and yucca.
Short grass.

40.00
80.16

N. 89° 54' W., on a random line, bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.
Fall 8 lks. N. of the reestablished cor. of secs. 19 and 30 on W. bdy. of Tp., hereinbefore described.

14.00
16.00
39.16
40.08

Thence,
S. 89° 57' E., on a true line, bet. secs. 19 and 30.
Over rolling land, thru scattering timber and undergrowth.
Ascend gradual slope to
Thence over mesa, to
Edge of mesa; descend to
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,

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

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.16

The cor. of secs. 19, 20, 29 and 30.
Land, rolling.
Soil, thin, and sandy, 2nd rate.
Timber, very scattering cedar.
Undergrowth, sage brush and yucca.

35.00
40.00

N. 0° 9' E., bet. secs. 19 and 20.
Over rolling land, thru scattering undergrowth.
Enter scattering scrub cedar timber, brs. E. and W.
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,

| | | |
|---------------|------|------|
| $\frac{1}{4}$ | S 19 | S 20 |
| 1917 | | |

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

57.80
80.00

Descend gradual N. slope.
Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,

| | |
|------|------|
| T16N | R16E |
| S18 | S17 |
| S19 | S20 |
| 1917 | |

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, thin, sandy and rocky, 3rd rate.
Timber, scattering scrub cedar as indicated.
Undergrowth, sage brush, huck brush and yucca.

26. subdivision of Township 16 North, Range 16 East.

Chains.

40.00 N. 89° 57' W., on a random line, bet. secs. 18 and 19.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.46 Fall 8 lks. N. of the reestablished cor. of secs. 18 and 19,
 on W. bdy. of Tp., hereinbefore described.
 Thence,
 East, on a true line, bet. secs. 18 and 19.
 Over rolling land, gradual ascent, thru. scattering under-
 growth.
 13.66 Road brs. N. and S.
 15.45 Wash, 5 lks. wide, 2 ft. deep, course N. Ascend rim of
 mesa, brs. N. and S. Thence across mesa.
 40.23 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,

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

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
 of cor.
 43.45 Rim of mesa, brs. N. and S. Descend to
 68.45 Rocky wash, 10 lks. wide, 2 ft. deep, course NE.
 80.46 The cor. of secs. 17, 18, 19 and 20.
 Land, rolling.
 Soil, thin and rocky, 3rd rate.
 No timber.
 Undergrowth, scattering sage brush.

 N. 0° 9' E., bet. secs. 17 and 18.
 Over rolling land, thru. scattering timber and undergrowth.
 36.70 Rock wash, 10 lks. wide, 1 ft. deep, course NE.
 40.00 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,

S18 | S17
 1917

from which,
 A cedar, 12 ins. in diam., brs. N. 45 $\frac{1}{2}$ ° E., 226
 lks. dist., marked $\frac{1}{4}$ S 17 BT.
 A cedar, 12 ins. in diam., brs. N. 13 $\frac{1}{4}$ ° W., 155
 lks. dist., marked $\frac{1}{4}$ S 18 BT.
 70.00 Shallow wash, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
 in the ground, for cor. of secs. 7, 8, 17 and 18, marked
 on brass cap,

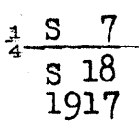
T16N R16E
 S 7 | S 8
 S18 | S17
 1917

from which,
 A cedar, 10 ins. in diam., brs. N. 21° E., 117 lks.
 dist., marked T16N R16E S8 BT.
 A cedar, 12 ins. in diam., brs. S. 56 $\frac{3}{4}$ ° E., 185 lks.
 dist., marked T16N R16E S17 BT.
 A cedar, 10 ins. in diam., brs. S. 63° W., 378 lks.
 dist., marked T16N R16E S18 BT.
 A cedar, 12 ins. in diam., brs. N. 45° W., 252 lks.
 dist., marked T16N R16E S7 BT.
 Land, rolling.
 Soil, sandy and rocky, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, sage brush.

Subdivision of Township 16 North, Range 16 East, 27.

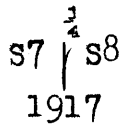
Chains

West, on a random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.48 Fall 8 lks. S. of the reestablished cor. of secs. 7 and 18,
 on W. bdy. of Tp., hereinbefore described.
 Thence,
 S. $89^{\circ}57'$ E., on a true line, bet. secs. 7 and 18.
 Over rolling land, thru. scattering undergrowth.
 20.40 Road brs. NE. and SW.
 24.58 Wash, 10 lks. wide, 2 ft. deep, 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,



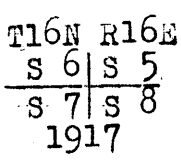
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
 cor.
 72.58 Wash, 10 lks. wide, 1 ft. deep, course NE.
 80.48 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, rocky, 3rd rate.
 No timber.
 Undergrowth, rabbit brush.
 Fair growth of short grass.

N. $0^{\circ}9'$ E., bet. secs. 7 and 8.
 Over rolling land, thru. scattering timber and undergrowth.
 40.00 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,



from which,
 A cedar, 10 ins. in diam., brs. N. $65\frac{1}{2}^{\circ}$ E., 6 lks.
 dist., marked $\frac{1}{4}$ S 8 B T.
 A cedar, 12 ins. diam., brs. N. 62° W., 183 lks.
 dist., marked $\frac{1}{4}$ S 7 B T.

Old road, brs. NE. and SW.
 77.40 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 80.00 the ground, for cor. of secs. 5, 6, 7 and 8, marked on
 brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling.
 Soil, thin and rocky, 3rd rate.
 Timber, scattering scrub cedar.
 Undergrowth, rabbit brush and sagebrush.

N. $89^{\circ}57'$ W., on a random line, bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.32 Fall 3 lks. S. of the reestablished cor. of secs. 6 and 7,
 on W. bdy. of Tp., hereinbefore described.

Thence,
 S. $89^{\circ}56'$ E., on a true line, bet. secs. 6 and 7.
 Over level land, thru. scattering undergrowth.
 40.16 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,

28 Subdivision of Township 16 North, Range 16 East

Chains.

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

51.50 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Road, brs. NE. and SW.
61.32 Descend gradual slope, to
80.32 The cor. of secs. 5, 6, 7 and 8.
Land, level.
Soil, thin and rocky, 3rd rate.
No timber.
Undergrowth, sage brush and rabbit brush.

40.00 N. $0^{\circ}9'$ E., on true line, bet. secs. 5 and 6.
Over level land, thru scattering undergrowth.
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 6 | S 5
1917

53.70 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Road brs. NW and SE.
73.70 Road brs. NE. and SW.
109.44 Intersect W. bdy. of Township, (4th. Std. Parallel N.), 8.91 chs. W. of the reestablished standard cor. of secs. 31 and 32, T. 17 N., R. 16 E., described in Book "K."
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, marked on brass cap,

C | C
S 6 | S 5
T16N R16E
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
Land, level.
Soil, thin and rocky, 3rd rate.
No timber.
Undergrowth, sagebrush and rabbit brush.

40.00 From the cor. of secs. 32 and 33, on S. bdy. of Tp., herein- before described,
N. $0^{\circ}9'$ E., bet. secs. 32 and 33.
Over gently rolling land, thru scattering and undergrowth.
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 32 | S 33
1917

80.00 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 28, 29, 32 and 33, marked on brass cap,

Chains.

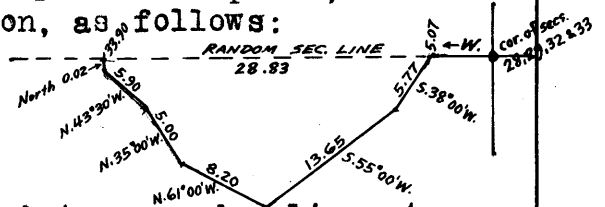
| | |
|------|------|
| T16N | R16E |
| S29 | S28 |
| S32 | S33 |
| 1917 | |

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

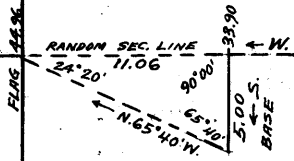
Land, gently rolling.
Soil, thin and rocky, 3rd rate.
Timber, scattering scrub cedar.
Undergrowth, sage brush.
Fair growth of grass.

5.07 West, on a random line, bet. secs. 29 and 32.
Right rim of Chevelon Canyon. From this point, traverse around large bend in canyon, as follows:

- S. 38° 00' W., 5.77 chs.,
- S. 55° 00' W., 13.65 chs.,
- N. 61° 00' W., 8.20 chs.,
- N. 35° 00' W., 5.00 chs.,
- N. 43° 30' W., 5.90 chs.,
- North, 0.02 chs., to point on random line at



33.90 E. rim of canyon. Thence by triangulation as follows:
Measure a base south 5.00 chs. Set a flag on line on the opposite side of canyon. From the S. end of base, the flag brs. N. 65° 40' W. The included angles of the triangle are 90° 00', 65° 40', and 24° 20', the sum of which is 180° 00'. The dist. across the canyon to flag = base x cotan. 65° 40' = 5.00 x 2.21132 = 11.06 chs. Flag sta. = 33.90 + 11.06 = 44.96 chs.



40.00 Point for 1/4 sec. cor. is inaccessible.
44.96 Flag on W. side (left rim) of Chevelon Canyon.
Set temp. W.C. to 1/4 sec. cor. at this point.
Continue random by chaining.

79.96 Fall 18 lks. N. of the cor. of secs. 29, 30, 31 and 32.
Thence, W. 89° 52' E., on a true line, bet. secs. 29 and 32.
Over rolling land, thru. scattering scrub cedar timber and undergrowth.

5.06 Old road brs. NE. and SW.
35.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, in a mound of stone, for witness cor. to 1/4 sec. cor., marked on brass cap,

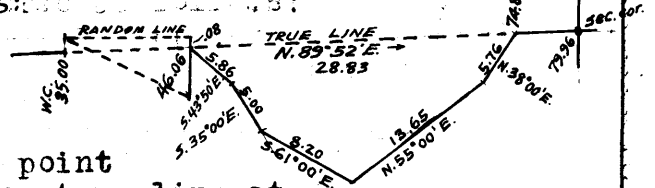
| | |
|----------|----|
| 1/4 S 29 | WC |
| S 32 | |
| 1917 | |

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Descend into canyon. Creek in canyon, 30 lks. wide.
Measurement by triangulation hereinbefore described.

39.98 True point for 1/4 sec. cor. falls in canyon, course N.
46.06 E. rim of canyon. Intersect base of triangulation at 8 lks. S. from N. end thereof, or on the traverse on random line described above.
Thence, by traverse as follows:

- S. 43° 50' E., 5.86 chs.,
- S. 35° 00' E., 5.00 chs.,
- S. 61° 00' E., 8.20 chs.,
- N. 55° 00' E., 13.65 chs.,
- N. 38° 00' E., 5.76 chs., to point on true line at



74.88 Leave right rim of Chevelon Canyon, brs. N. and SW.
Thence over rolling land, thru. scattering, sage brush.

79.96 The cor. of secs. 28, 29, 32 and 33.

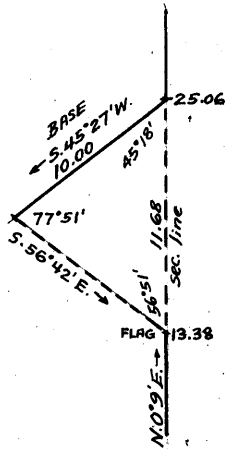
30 Subdivision of Township 16 North, Range 16 East.

Chains.

Land, half of mile, gently rolling; other half, precipitous walls of Chevelon Canyon.
Soil, limestone subsoil, 3rd rate.
Timber, very scattering, scrub cedar.
Undergrowth, scattering sage brush and algerita.
Poor growth of grass.

13.38

N. 0° 9' E., bet. secs. 28 and 29.
Over rolling land, thru scattering undergrowth.
S. or right rim of Chevelon Canyon, brs. E and W. Chain measurement across canyon being impracticable, triangulate as follows:



Leave flag at this point.
Measure a base S. 45° 27' W., 10 chs. from a point on sec. line on N. or left rim of canyon.
From SW. end of base, flag brs. S. 56° 42' E.
Included angles are 77° 51', 45° 18' and 56° 51', the sum of which is 180° 00'.
Triangulated dist. on sec. line is obtained by $\frac{\text{base} \times \sin 77^\circ 51'}{\sin 56^\circ 51'}$
or $.97760 \times 10.00 = 11.68$ chs. which

added to 13.38 chs. gives 25.06 chs. as the position of triangulation point on N. rim of canyon.

19.40

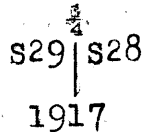
(Approximate) Chevelon Creek, in bottom of canyon, clear running water, 30 lks. wide, 18 ins. deep, course NE. Ascend 250 ft. to

25.06

Triangulation point on N. or left rim of canyon, bearing E and SW.

40.00

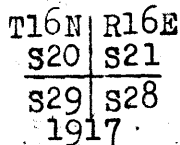
Continue line and measurement by chaining.
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00

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



dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.
Land, gently rolling, nearly level.
Soil, thin and rocky, 3rd rate.
No timber.
Undergrowth, scattering sage brush.
No grass.

40.00

S. 89° 52' W., on a random line, bet. secs. 20 and 29.
Set temp. $\frac{1}{4}$ sec. cor.

80.00

Fall 12 lks. N. of the cor. of secs. 19, 20, 29 and 30, Thence, N. 89° 47' E., on a true line, bet. secs. 20 and 29.
Over level land, thru scattering undergrowth.

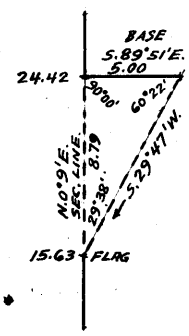
Chains
 21.50 Old road, brs. NE. and SW. in bottom of shallow draw, course NE.
 23.00 Rim of butte. Thence over small butte.
 33.50 East rim of butte. Thence over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 80.00 The cor. of secs. 20, 21, 28 and 29.
 Land, nearly level.
 Soil, thin and rocky, 3rd rate.
 No timber.
 Undergrowth, scattering sagebrush.
 No grass.

N. $0^{\circ}9'E.$, bet. secs. 20 and 21.
 Over nearly level land, thru scattering timber and undergrowth.
 15.63 SW. or left rim of Chevelon Canyon, brs. NW. and SE, Chain measurement across canyon, being impracticable, triangulate as follows:

Leave flag at this point.
 Measure a base, S. $89^{\circ}51'E.$, 5.00 chs. from a point on sec. line on NE. or right rim of canyon.
 From E. end of base, flag brs. S. $29^{\circ}47'W.$
 Included angles are $60^{\circ}22'$, $29^{\circ}38'$, and $90^{\circ}00'$, the sum of which is $180^{\circ}00'$.



Dist. triangulated on sec. line is obtained by $\text{tang. } 60^{\circ}22' \times \text{base}$ or $1.75794 \times 5.00 = 8.79$ chs., which added to 15.63 chs. gives 24.42 chs. as position of triangulation point on sec. line on NE. or right rim of canyon.

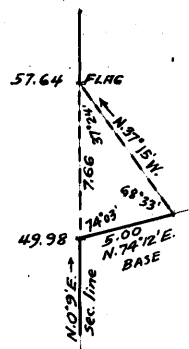
21.00 (Approximate) Chevelon Creek, in bottom of canyon, stream of clear running water, 30 lks. wide, 18 ins. deep, course NW. Ascend 250 ft. to
 24.42 Triangulation point of above described triangulation, on NE. or right rim of Chevelon Canyon, brs. NW. and SE.
 Continue line and measurement by chaining.
 40.00 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,

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

from which,
 A cedar, 8 ins. in diam., brs. S. $73^{\circ}2'E.$, 168 lks. dist., marked $\frac{1}{4}$ S 21 BT.
 A cedar, 8 ins. in diam., brs. S. $40^{\circ}12'W.$, 80 lks. dist., marked $\frac{1}{4}$ S 20 BT.

49.98 SE. or right rim of Chevelon Canyon, brs. NE. and SW. Chain measurement across canyon, being impracticable, triangulate as follows:

Measure a base, N. $74^{\circ}12'E.$, 5.00 chs.
 Set flag at a point on sec. line, on NW. or left rim of canyon.
 From E. end of base, flag brs. N. $37^{\circ}15'W.$
 Included angles are $68^{\circ}33'$, $74^{\circ}03'$, $37^{\circ}24'$, the sum of which is $180^{\circ}00'$.



32. Subdivision of Township 16 North, Range 16 East.

Chains.

Triangulated dist. on sec. line is obtained by $\frac{\text{sine } 68^{\circ}33' \times \text{base}}{\text{sine } 37^{\circ}24'}$ or $\frac{.93074 \times 5.00}{.60738} = 7.66$ chs., which

53.50 added to 49.98 chs. gives 57.64 chs. as the position of flag on sec. line, on NW. or left rim of canyon. (Approximate) Chevelon Creek, in bottom of canyon. Stream of clear running water, 30 lks. wide, 18 ins. deep, course NE. Ascend 250 ft. to

57.64 Flag point of triangulation, ^{described} above, on NW. or left rim of Chevelon Canyon, bearing NE. and SW.

67.00 Continue line and measurement by chaining.

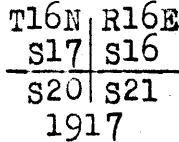
68.00 Wagon road brs. E and W.

71.90 Ruins of stone house, brs. W. 50 lks. dist.

73.30 Road brs. NW. and SE.

80.00 Road brs. NW. and SE. Junction of roads brs. W* 50 lks. dist.

Set an iron post, 3 ft. long, 2 in. in diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



from which,

A cedar, 6 ins. diam., brs. S. $25\frac{3}{4}^{\circ}$ E., 162 lks. dist., marked TL6N RL6E S21 BT.

A cedar, 8 ins. in diam., brs. S. 85° W., 380 lks. dist., marked TL6N RL6E S20 BT.

No other trees within limits.

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

Soil, sandy, thin, 3rd rate.

Timber, scattering scrub cedar.

Undergrowth, sage brush and yucca.

Fair growth of short grass.

40.00 S. $89^{\circ}47'$ W. on a random line, bet. secs. 17 and 20.

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

Fall 12 lks. North of the cor. of secs. 17, 18, 19 and 20.

Thence,

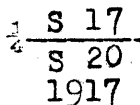
N. $89^{\circ}42'$ E., on a true line, bet. secs. 17 and 20.

Over rolling land, thru. scattering scrub timber and undergrowth.

.50 Rocky wash, 5 lks. wide, $1\frac{1}{2}$ ft. deep, course N.

39.80 Rocky wash, 4 lks. wide, 1 ft. deep, course NE.

39.93 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., marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

49.85 Shallow wash, course N.

54.86 Leave timber.

75.45 Road brs. N. and S.

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

Land, rolling.

Soil, thin and sandy, 2nd rate.

Subdivision of Township 16 North, Range 16 East. 33.

Chains.

Timber, scattering scrub cedar as indicated.
Undergrowth, sage brush, buck brush and yucca.

40.00

N. 0° 9' E., betl secs. 16 and 17,
Over gently rolling prairie land, through very scatter-
ing undergrowth and scrub timber.
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,



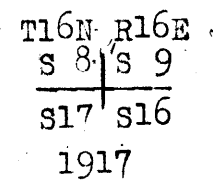
from which,

A cedar, 12 ins. in diam., brs. N. 72° E., 431
lks. dist., marked $\frac{1}{4}$ S16 BT.

A cedar, 8 ins. in diam., brs. N. 66 $\frac{1}{2}$ ° W., 62
lks. dist., marked $\frac{1}{4}$ S 17 BT.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 8, 9, 16 and 17, marked
on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W
of cor.

Land, gently rolling.
Soil, thin and sandy, 2nd rate.
Timber, scattering scrub cedar.
Undergrowth, sage brush.

40.00
79.91

S. 89° 42' W., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.

Fall 10 lks. S. of the cor. of secs. 7, 8, 17 and 18.
Thence,

N. 89° 46' E., on a true line, bet. secs. 8 and 17.
Over gently rolling land, thru scattering timber and
undergrowth.

6.10

Shallow wash, course NE.

22.00

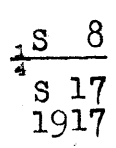
Wash, 6 lks. wide, 1 $\frac{1}{2}$ ft. deep, course N.

33.00

Road brs. NW. and SE.

39.95 $\frac{1}{2}$

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,



from which,

A cedar, 10 ins. in diam., brs. N. 51° W., 210
lks. dist., marked $\frac{1}{4}$ S 8 B T.

A cedar, 10 ins. in diam., brs. S. 80° W., 247
lks. dist., marked $\frac{1}{4}$ S 17 BT.

5'
10
79
95

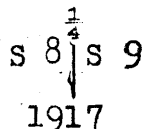
34 Subdivision of Township 16 North, Range 16 East

Chains

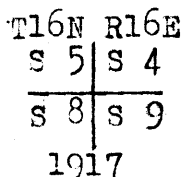
44.20 Rocky wash, 10 lks.wide, 2 ft. deep, course N.
Ascend to
66.90 Descend gradual E. slope.
79.91 The cor.of secs. 8, 9, 16 and 17.

Land, rolling.
Soil, thin and sandy, 2nd rate.
Timber, scattering scrub cedar.
Undergrowth, sage brush and rabbit brush.

40.00 N.0° 9'E., bet. secs.8 and 9.
Over gently rolling land, thru.scattering undergrowth.
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,

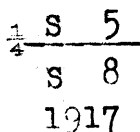


80.00 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W.of cor.
Set an irbn post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.4,5, 8 and 9, marked on
brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W.of cor.
Land, hearily level, rolling, 2 lks. in diam., 26 ins. in
Soil, thin, 2nd rate. cor. of secs. 7, 8, 9 and 9, marked on
No timber.
Undergrowth, scattering sagebrush.
Fair growth of short grass.

40.00 S. 89° 46' W., on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec.cor.
80.05 Fall 16 lks.S. of the cor. of secs.5,6, 7 and 8.
Thence N.89°53' E., on a true line, bet. secs.5 and 8.
Over level land, through scattering undergrowth.
2.15 Junction of old and new roads. New road, brs.N. and S.
40.02 $\frac{1}{2}$ 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,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N.of cor.

| | |
|-----------------|---|
| Chains 80.05 | <p>The cor. of secs. 4, 5, 8 and 9. Land, level, Soil, thin, 2nd rate. No timber. Undergrowth, scattering sagebrush. Fair growth of short grass.</p> |
| 20.00 40.00 | <p>N. 0° 9' E. on true line, bet. secs. 4 and 5. Over gently rolling land, through scattering undergrowth. Enter scattering scrub 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</p> |
| | $\begin{array}{c} \frac{1}{4} \\ S 5 S 4 \\ 1917 \end{array}$ |
| 70.00 109.32 | <p>from which, A cedar, (9) ins. diam., brs. S. 27° E. 138 lks. dist.; mkd. $\frac{1}{4}$ S 4 B T. A cedar, (8) ins. diam., brs. S. 59° W. 180 lks. dist.; mkd. $\frac{1}{4}$ S 5 B T. Leave scattering scrub timber. Intersect 4th standard parallel N., 8.73 chs. W. of the reestablished standard cor. of secs. 32 and 33, described in book "K". At the point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, mkd. on brass cap</p> |
| | $\begin{array}{c} C C \\ S 5 S 4 \\ T16N R16E \\ 1917 \end{array}$ |
| | <p>and raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, S. of cor. Land, gently rolling, nearly level. Soil, thin and rocky, 2nd rate. Timber, scattering scrub cedar as indicated. Undergrowth, sagebrush and rabbit brush.</p> |
| 30.00 40.00 | <p>From the cor. of secs. 33 and 34, on S. bdy. of Tp., here- inbefore described, N. 0° 10' E. bet. secs. 33 and 34. Over gently rolling land, through scattering undergrowth. Land drains E. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap</p> |
| | $\begin{array}{c} \frac{1}{4} \\ S 33 S 34 \\ 1917 \end{array}$ |
| 80.00 | <p>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., 16 ins. in the ground, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, mkd. on brass cap</p> |

Chains

T16N R16E
S28|S27
S33|S34
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, sagebrush and Spanish daggers.
Fair growth of grass.

40.00 West on a random line bet. secs. 28 and 33.
80.00 Set temp. ¼ sec. cor.
Intersect N. and S. line at the cor. of secs. 28, 29, 32 and 33.
Thence
East on a true line bet. secs. 28 and 33.
16.65 Over gently rolling land, through scattering undergrowth.
40.00 Wash, 8 lks. wide, 3 ft. deep, course N.
Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap.

S 28
¼ S 33
1917

80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
The cor. of secs. 27, 28, 33 and 34.
Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, sagebrush and Spanish dagger.
Fair growth of grass.

13.00 N. 0° 10' E. bet. secs. 27 and 28.
15.50 Over gently rolling land, through scattering undergrowth.
Enter scattering scrub cedar timber, brs. SE. and NW.
18.40 S. edge of Potatoe wash, brs. N. 70° W. and S. 70° E.
20.00 Desc. 77 ft. to
Bottom of wash, course N. 70° W. (Box canyon)
20.00 N. rim of wash brs. NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap

¼
S28|S27
1917

65.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
80.00 Leave scattering scrub timber brs. SE. and NW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

T16N R16E
S21|S22
S28|S27
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Subdivision of Township 16 North, Range 16 East, 37.

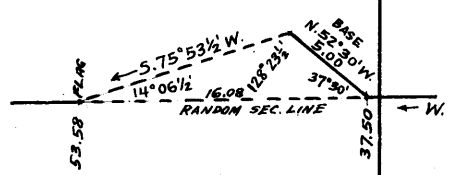
Chains.

Land, gently rolling.
Soil, 2nd rate.
Timber, scattering scrub cedar as indicated.
Undergrowth, scattering sage brush and Spanish dagger.
Fair growth of grass.

37.50

West, on a random line, bet. secs. 21 and 28.
East or right rim of Chevelon Canyon, brs. NW. and SE.
Point for $\frac{1}{4}$ sec. cor. will fall in canyon, therefore, set
temp. witness cor. to $\frac{1}{4}$ sec. cor. at this point. Chain
measurement across canyon being impracticable, trian-
gulate as follows:

Measure a base, N. 52° 30' W., 5.00 chs.
Set flag on random line on W. or left
rim of canyon. From NW. end of
base, flag brs. S. 75° 53½' W.
Included angles are 128° 23½', 37° 30'
and 14° 06½', the sum of which is
180° 00'.



Triangulated dist. on random sec.
line is obtained by $\frac{\sin 128^\circ 23\frac{1}{2}' \times \text{base}}{\sin 14^\circ 06\frac{1}{2}'}$, or
 $\frac{.78378 \times 5.00}{.24376} = 16.08$ chs., which added to 37.50 chs. gives

53.58
79.88

53.58 chs. as position of flag on W. rim of canyon.
Flag point. Continue line and measurement by chaining.
Fall 4 lks. N. of cor. of secs. 20, 21, 28 and 29.
Thence,

26.30

N. 89° 58' E., on true line, bet. secs. 21 and 28.
Over gently rolling land, thru. scattering undergrowth.
Flag point of triangulation hereinbefore described. On
W. or left rim of Chevelon Canyon, brs. NW. and SE.
Thence by triangulated measurement, across canyon,

35.00

(Approximate) Chevelon Creek, on bottom of canyon. Stream
of clear running water, 30 lks. wide, 18 ins. deep, course
NW. Ascend.

39.94
42.38

Point for $\frac{1}{4}$ sec. cor. inaccessible.
Triangulation on E. or right rim of Chevelon Canyon, brs.
NW. and SE.
Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in
the ground, in a mound of stone, for witness cor. to
 $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{WC \frac{1}{4} S 21}{S 28} 1917.$$

46.85

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Continue line and measurement by chaining.

79.88

Houk's tank, brs. N. 28° 21' W., about 25 chs. dist.
Houk's shack, brs. N. 30° W., about 23 chs. dist.
The cor. of secs. 21, 22, 27 and 28.
Land, gently rolling.
Soil, thin, limestone subsoil, 3rd rate.
No timber.
Undergrowth, scattering sagebrush.

5.77
20.98
26.90

N. 0° 10' E., bet. secs. 21 and 22.
Over rolling land, thru. scattering undergrowth.
Road brs. NW. and SE.
Road brs. E. and W.
South or right rim of Chevelon Canyon, brs. E. and NW. at
bend in canyon, from NW. to NE.
Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
the ground, in a mound of stone, for witness cor. to $\frac{1}{4}$
sec. cor., marked on brass cap,

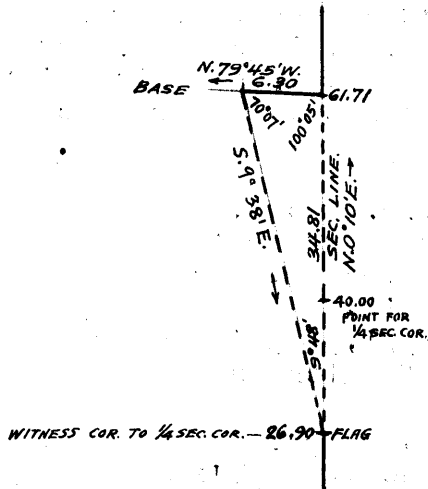
38 Subdivision of Township 16 North, Range 16 East.

Chains.

W C
1
S21 | S22
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chain measurement on sec. line from this W.C. is impracticable; therefore, triangulate as follows:



Leave flag at W. C.
Measure a base, N. 79° 45' W., 6.30 chs. (as long a base as possible),
from point on sec. line, near N. or left rim of canyon.
From W. end of base, flag brs. S. 9° 38' E.

Included angles are 70° 07', 100° 05' and 9° 48', the sum of which is 180° 00'.
Dist. triangulated on sec. line is obtained by $\frac{\text{side } 70^\circ 07' \times \text{base}}{\text{side } 9^\circ 48'}$ or

$\frac{.94039 \times 6.30}{.17021} = 34.81 \text{ chs.}, \text{ which added to } 26.90 \text{ chs.}$

gives 61.71 chs. as position of triangulation point on N. or left rim of canyon.

Approximate positions of topographical features within the triangulated dist. on sec. line are as follows:

- 33.20 (Approximate) Chevelon Creek, in bottom of canyon. Stream of running water, 30 lks. wide, 18 ins. deep, in bend, course NE. from NW. Ascend steep rocky, S. slope.
- 38.00 (Approximate) rocky point in canyon rim, from which left rim of canyon, brs. N. and NE.
- 40.00 Point for ¼ sec. cor. falls on steep canyon wall, near left rim. Descend along steep W. slope of canyon wall.
- 47.00 (Approximate) Chevelon Creek, in bottom of canyon. Stream of water, 30 lks. wide, 18 ins. deep, in bend, course SW. from NW. Ascend 150 ft. on steep, rocky SW. slope, to
- 61.71 Triangulation point on N. or left rim of Chevelon Canyon bearing W. and SE.
- Continue line and measurement by chaining. Over rolling, rocky land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap,

T16N | R16E
S16 | S15
S21 | S22
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken by Chevelon Canyon.

Soil, thin, sandy and rocky, 3rd rate.

No timber.

Undergrowth, scattering sage brush and yucca.

40.00 s. 89° 58' W., on a random line, bet. secs. 16 and 21.
Set temp. ¼ sec. cor.

79.90 Fall 12 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

N. 89° 53' E., on a true line, bet. secs. 16 and 21.

Over level land, thru. scattering timber and undergrowth.

19.00 House brs. S. 42° 15' E.

38.63 House brs. S. 3½° W.

subdivision of Township 16 North, Range 16 East, 39

Chains.
39.95 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,

$\frac{1}{4}$ S 16
 S 21
 1917

from which,
 A cedar, 10 ins. in diam., brs. N. 87 $\frac{1}{2}$ ° E., 215 lks. dist. marked $\frac{1}{4}$ S 16 BT.
 A cedar, 8 ins. in diam., brs. S. 14 $\frac{1}{2}$ ° W., 90 lks. dist., marked $\frac{1}{4}$ S 21 BT.

79.90 The cor. of secs. 15, 16, 21 and 22.
 Land, level.
 Soil, thin, 2nd rate.
 Timber, scattering scrub cedar.
 Undergrowth, sage brush and yucca.

N. 0° 10' E., bet. secs. 15 and 16.
 Over level land, thru scattering undergrowth.

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

$\frac{1}{4}$
 S 16 | S 15
 1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T 16 N | R 16 E
 S 9 | S 10
 S 16 | S 15
 1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, level. Soil, thin, 2nd rate.
 No timber. Undergrowth, yucca.
 Fair growth of short grass.

S. 89° 53' W., on random line, bet. secs. 9 and 16.
 Set temp. $\frac{1}{4}$ sec. cor.

40.00
 80.06 Intersect N. and S. line, at the cor. of secs. 8, 9, 16 and 17.
 Thence, N. 89° 53' E., on a true line, bet. secs. 9 and 16.
 Over level land, thru scattering timber and undergrowth.

40.03 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,

$\frac{1}{4}$ S 9
 S 16
 1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.06 The cor. of secs. 9, 10, 15 and 16.
 Land, level. Soil, thin, 2nd rate.
 Timber, very scattering scrub cedar. Undergrowth, sage brush.

N. 0° 10' E., bet. secs. 9 and 10.
 Over level land, through scattering undergrowth.

40.00 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,

$\frac{1}{4}$
 S 9 | S 10
 1917

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

40. subdivision of Township 16 North, Range 16 East.

Chains.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

| | |
|------|------|
| T16N | R16E |
| S 4 | S 3 |
| S 9 | S 10 |
| 1917 | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, level. Soil, thin, 2nd rate.

No timber. Undergrowth, scattering sage brush.

40.00

S. $89^{\circ}53'$ W., on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.

80.00

Intersect N. and S. line, at the cor. of secs. 4, 5, 8 and 9.
Thence,

N. $89^{\circ}53'$ E., on a true line, bet. secs. 4 and 9.

Over level prairie land, thru scattering undergrowth.

40.00

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,

| | |
|-----------------|---|
| $\frac{1}{4}$ S | 4 |
| S | 9 |
| 1917 | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00

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

Land, level.

Soil, thin, 2nd rate.

No timber. Undergrowth, scattering sage brush.

40.00

N. $0^{\circ}10'$ E., on a true line, bet. secs. 3 and 4.
Over gently rolling prairie land, thru scattering undergrowth.

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 4 | S 3 |
| | |
| 1917 | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

109.41

Intersect 4th. Standard Parallel North, 8.62 chs. W. of the reestablished standard cor. of secs. 33 and 34, described in Book "K."

At the point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 3 and 4, marked on brass cap,

| | |
|------|------|
| C | C |
| S 4 | S 3 |
| T16N | R16E |
| 1917 | |

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

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

41

Chains

Land, gently rolling.
Soil, thin and sandy, 2nd rate.
No timber.
Undergrowth, scattering sage brush and rabbit brush.

From the cor. of secs. 34 and 35, on S. bdy. of Tp., herein-
before described,
N. 0° 10' E. bet. secs. 34 and 35.
Over gently rolling land, through scattering timber and
undergrowth.

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

$\frac{1}{4}$
S34 | S35
1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

50.46 Land drains to the NW.

60.00 Leave scattering timber.

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. 26, 27,
34 and 35, mkd. on brass cap

T16N R16E
S27 | S26
S34 | S35
1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

Land, gently rolling.
Soil, thin and sandy, 3rd rate.
Timber, scattering scrub cedar as indicated.
Undergrowth, scattering sagebrush and Spanish dagger.
Poor growth of grass.

West on a random line bet. secs. 27 and 34.

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

79.96 Fall 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.
Thence

S. 89° 58' E. on a true line bet. secs. 27 and 34.

Over rolling land, through scattering undergrowth.

9.50 W. rim of Potatoe wash brs. NW. and SE. Desc. 77 ft. to

11.30 Bottom of wash, course NW. Box canyon. Asc. 77 ft. to

14.50 E. rim of wash, brs. NW. and SE.

36.96 General drainage of land is NW.

39.98 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 27
 $\frac{1}{4}$ S 34
1917

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

54.36 Road brs. NW. and SE.

79.96 The cor. of secs. 26, 27, 34 and 35.

Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, sagebrush and Spanish daggers.
Fair growth of grass.

Chains

N. 0° 10' E. bet. secs. 26 and 27.
Over gently rolling land, through scattering undergrowth.
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

$\frac{1}{4}$
S27 | S26
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., 15 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, mkd. on brass cap

T16N R16E
S22 | S23
S27 | S26
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, scattering sagebrush and Spanish daggers.
Fair growth of grass.

40.00 N. 89° 58' W. on a random line bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
79.94 Fall 3 lks. S. of the cor. of secs. 21, 22, 27 and 28;
Thence
S. 89° 57' E. on a true line bet. secs. 22 and 27.
6.25 Over gently rolling land, through scattering undergrowth.
Road brs. SE. and NW.
39.97 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 22
4 S 27
1917

79.94 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
The cor. of secs. 22, 23, 26 and 27.
Land, gently rolling.
Soil, 2nd rate.
No timber.
Undergrowth, scattering sagebrush and Spanish dagger.
Fair growth of grass.

4.02 N. 0° 10' E. bet. secs. 22 and 23.
Over rolling land, through scattering undergrowth.
Road brs. NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S22 | S23
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of Township 16 North, Range 16 East. 43

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,

| | |
|------|------|
| T16N | R16E |
| S15 | S14 |
| S22 | S23 |
| 1917 | |

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling.

Soil, rocky, 3rd rate.

No timber. Undergrowth, scattering sage brush and Spanish dagger. Fair grass.

13.77

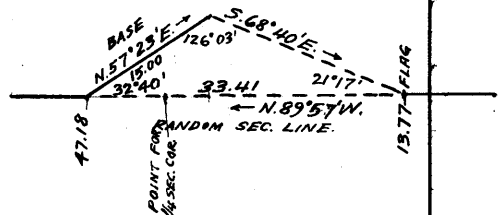
N. 89° 57' W., on random line, bet. secs. 15 and 22. E. or right rim of Chevelon Canyon, in bend from W. to N. Chain measurement on random sec. line, W. from this point being impracticable, triangulate as follows:

Leave flag at this point. Measure a base N. 57° 23' E., 15.00 chs. from point on random sec. line near W. or left rim of canyon.

From NE. end of base, flag brs. S. 68° 40' E.

Included angles are 126° 03', 21° 17' and 32° 40', the sum of which is 180° 00'.

Triangulated dist. on random sec. line is obtained by $\frac{\text{sine } 126^{\circ}03' \times \text{base}}{\text{sine } 21^{\circ}17'}$ or $\frac{.80850 \times 15.00}{.36298} = 33.41$ chs., which



added to 13:77 chs. =

47.18

Triangulation point near W. or left rim of Chevelon Canyon, bearing NE. and SW. As point for ¼ sec. cor. will fall in canyon, set temp. witness cor. to ¼ sec. cor. at this point.

79.90

Continue line and measurement by chaining. Fall 28 lks. N. of cor. of secs. 15, 16, 21 and 22. Thence,

N. 89° 51' E., on true line, bet. secs. 15 and 22. Over level land, thru. scattering scrub timber and undergrowth.

33.09

W. or left rim of Chevelon Canyon, brs. NE. and SW. Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, and supported by mound of stone for witness cor. to ¼ sec. cor., marked on brass cap,

| | |
|--------|----|
| ¼ S 15 | WC |
| S 22 | |
| 1917 | |

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Thence across Chevelon Canyon, comes from SW., thence along sec. line for about 20 chs.; thence N. thru. E. ½ of sec. 15. Measurement across canyon by triangulation, hereinbefore described.

33.95

Point for ¼ sec. cor. is inaccessible.

48.00

(Approximate) Enter Chevelon Creek in bottom of canyon, stream of running water, 30 lks. wide, 12 ins. deep, course E. from SW. Thence down creek.

58.00

(Approximate) Leave Chevelon Creek, course N. from W. Ascend steep, rocky right wall of canyon.

65.93

E. or right rim of Chevelon Canyon, brs. N. and SW. Continue measurement by chaining.

79.70

The cor. of secs. 14, 15, 22 and 23. Land, level, broken by Chevelon Canyon.

44. Subdivision of Township 16 North, Range 16 East.

Chains

Soil, thin and rocky, 3rd rate.
 Timber, very scattering scrub cedar,
 Undergrowth, scattering yucca.

40.00 N. 0° 10' E., bet. secs. 14 and 15.
 Over gently rolling land, thru. scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

S15 | S14
 1917

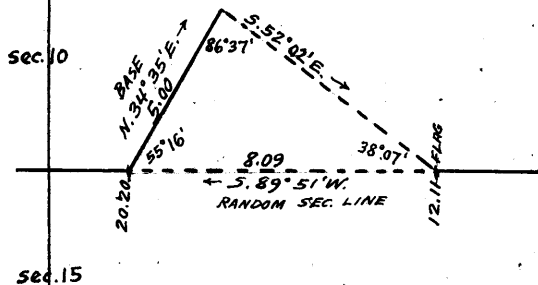
80.00 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for cor. of secs. 10, 11, 14 and 15, marked on brass
 cap,

T16N | R16E
 S10 | S11
 S15 | S14
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor.

Land, rolling.
 Soil, rocky, 3rd rate.
 No timber. Undergrowth, scattering sagebrush and Spanish
 dagger. Poor grass.

12.11 S. 89° 51' W., on random line, bet. secs. 10 and 15.
 E. or right rim of Chevelon Canyon, brs. NE. and S. Chain
 measurement across canyon being impracticable, triangulate
 as follows:



Leave flag at this point.
 Measure a base, N. 34° 35' E., 5.00
 chs. from point on random
 sec. line on W. or left rim
 of canyon.
 From NE. end of base, flag brs.
 S. 52° 02' E.

Included angles are 86° 37',
 38° 07' and 55° 16', the sum
 of which is 180° 00'

Triangulated dist. on random sec. line is obtained by

$$\frac{\sin 86^\circ 37' \times \text{base}}{\sin 38^\circ 07'} \text{ or } \frac{.99826 \times 5.00}{.61726} = 8.09 \text{ chs., which}$$

added to 12.11 chs. =

20.20 Triangulation point on W. or left rim of Chevelon Canyon,
 bearing N. and S.
 Continue measurement by chaining.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.73 Intersect the cor. of secs. 9, 10, 15 and 16.
 Thence,

39.86 $\frac{1}{2}$ N. 89° 51' E., on true line, bet. secs. 10 and 15.
 Over level land, thru. scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
 the ground supported by a mound of stone, for $\frac{1}{4}$ sec.
 cor., marked on brass cap,

$\frac{1}{4}$ S 10
 S 15
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.

59.53 Triangulation point on W. or left rim of Chevelon Canyon,
 brs. N. and S. Descend 250 ft. Measurement across can-
 yon by triangulation, hereinbefore described.

64.30 (Approximate) Chevelon Creek, in bottom of canyon, stream
 of running water, 50 lks. wide, 2 ft. deep, course N.

Chains. Ascend 250 ft.
 67.62 Flag point of triangulation on E. or right rim of Chevelon Canyon, bearing NE. and S.
 Continue measurement by chaining over rolling land.
 79.73 The cor. of secs. 10, 11, 14 and 15.
 Land, level and rolling, broken by Chevelon Canyon.
 Soil, thin and rocky, 3rd rate.
 No timber.
 Undergrowth, scattering sage brush and yucca.

5.90 N. 0° 10' E., on true line, bet. secs. 10 and 11.
 Over gently rolling land, thru scattering undergrowth S. or right rim of Chevelon Canyon, brs. E. and W. Chain measurement across canyon being impracticable, triangulate as follows:

Leave flag at this point.
 Measure a base, S. 89° 50' E., 10.00 chs. from a point on sec. line on N. or left rim of Chevelon Canyon.
 From E. end of base, flag brs. S. 49° 37' W.
 Included angles are 40° 33', 49° 27' and 90° 00' the sum of which is 180° 00'.
 Triangulated dist. on sec. line is obtained by $\text{tang. } 40^\circ 33' \times \text{base}$ or $.85559 \times 10.00 = 8.56$ chs., which added to 5.90 chs. gives 14.46 chs. as position of triangulation point on sec. line on N. or left rim of canyon.

11.00 (Approximate) Chevelon Creek, in bottom of canyon, with stream of clear running water, 30 lks. wide, 2 ft. deep, course E. Ascend 250 ft. on steep rocky, S. slope to

14.46 Triangulation point. N. or left rim of Chevelon Canyon, brs. E. and W.

40.00 Continue measurement by chaining.
 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,

| | |
|------|-----|
| s10 | s11 |
| 1917 | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

| | |
|------|------|
| T16N | R16E |
| S 3 | S 2 |
| s10 | s11 |
| 1917 | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, gently rolling, broken by Chevelon Canyon.
 Soil, thin and rocky, 3rd rate.
 No timber.
 Undergrowth, scattering sage brush and rabbit brush.
 Fair growth of short grass.

40.00 S. 89° 51' W., on random line, bet. secs. 3 and 10.
 79.60 Set $\frac{1}{4}$ sec. cor. on random line, bet. secs. 3 and 10.
 79.60 Fall 3 lks. S. of cor. of secs. 3, 4, 9 and 10. Thence.
 79.60 N. 89° 52' E., on true line, bet. secs. 3 and 10.
 Over rolling land, nearly level, thru scattering undergrowth.

39.80 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 | 3 |
| S 10 | |
| 1917 | |

75
23
28
127

16. Subdivision of Township 16 Northm Range 16 East

Chains.

79.60 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
The cor. of secs. 2, 3, 10 and 11.
Land, nearly level.
Soil, thin and rocky, 2nd rate.
No timber.
Undergrowth, scattering sage brush.

40.00 N. 0° 10' E., on true line, bet. secs. 2 and 3.
Over gently rolling prairie land, thru. scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

S 3 | S 2
1917

109.36 dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist.
Intersect 4th. Standard Parallel N., 8.95 chs. W. of the re-established standard cor. of secs. 34 and 35, described in Book "K."
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 2 and 3, marked on brass cap,

C | C
S 3 | S 2
T16N R16E
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
Land, gently rolling. Soil, thin, 2nd rate.
No timber. Undergrowth, scattering rabbit brush and sagebrush.

25.00 From the cor. of secs. 33 and 36, on S. bdy. of Tp., hereinbefore described,
N. 0° 11' E., bet. secs. 35 and 36.
Over gently rolling land, thru. scattering undergrowth.

40.00 Enter scattering cedar timber, brs. NE. and SW.
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap,

S 35 | S 36
1917

from which,

A cedar, 14 ins. in diam., brs. S. 23½° E., 313 lks. dist., marked ¼ S 36 B T.

A cedar, 6 ins. in diam., brs. N. 84½° W., 44 lks. dist., marked ¼ S 35 B T.

55.00 Leave timber, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T16N | R16E
S 26 | S 25
S 35 | S 36
1917

dig pits, 18x18x12 ins., in each sec. 5½ ft. dist.
Land, gently rolling. Soil, sandy, 3rd rate.
Timber, scattering cedar as indicated.
Undergrowth, scattering sagebrush and cactus.
Poor growth of grass.

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

Chains

West on a random line bet. secs. 26 and 35.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line at the cor. of secs. 26, 27, 34
 and 35.
 Thence
 East on a true line bet. secs. 26 and 35.
 Over gently rolling land, through scattering undergrowth.
 40.05 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 26
 $\frac{1}{4}$ S 35
 1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3ft.
 dist.
 80.10 The cor. of secs. 25, 26, 35 and 36.
 Land, gently rolling.
 Soil, sandy, sandstone subsoil, 3rd rate.
 No timber.
 Undergrowth, scattering sagebrush and cactus.
 Fair growth of grass.

East on a random line bet. secs. 25 and 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 83.01 Intersect E. bdy. of Tp., at the reestablished cor. of secs.
 25 and 36, hereinbefore described.
 Thence
 West on a true line bet. secs. 25 and 36.
 Over gently rolling land, through scattering undergrowth and
 timber.

43.01 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 25
 $\frac{1}{4}$ S 36
 1917

from which,
 A cedar, 6 ins. diam., brs. N. $11\frac{1}{2}^{\circ}$ W.
 379 lks. dist.; mkd. $\frac{1}{4}$ S 25 B T.
 A cedar, 6 ins. diam., brs. S. $29\frac{1}{2}^{\circ}$ E.
 210 lks. dist.; mkd. $\frac{1}{4}$ S 36 B T.

50.00 Leave timber, brs. N. and S.
 83.01 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling.
 Soil, sandy, 3rd rate.
 Timber, scattering scrub cedar as indicated.
 Undergrowth, scattering sagebrush and cactus.
 Poor growth of grass.

N. 0° 11' E. bet. secs. 25 and 26.
 Over gently rolling land, through scattering undergrowth.
 20.00 Enter scattering scrub timber, brs. NW. and SE.
 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

$\frac{1}{4}$ S 26
 $\frac{1}{4}$ S 25
 1917

from which,
 A cedar, 6 ins. diam., brs. S. 49° E.
 325 lks. dist.; mkd. $\frac{1}{4}$ S 25 B T.
 A cedar, 6 ins. diam., brs. N. $10\frac{3}{4}^{\circ}$ W.
 325 lks. dist.; mkd. $\frac{1}{4}$ S 26 B T.

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

Chains
55.30
80.00

Road brs. NW. and SE.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 23, 24, 25 and 26, mkd. on brass cap

T16N R16E
S23|S24
S26|S25
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, gently rolling.
Soil, sandy, 3rd rate.
Timber, scattering cedar, as indicated.
Undergrowth, scattering sagebrush and cactus.
Poor growth of grass.

40.00
80.14

West on a random line bet. secs. 23 and 26.
Set temp. ¼ sec. cor.
Fall 4 lks. S. of the cor. of secs. 22, 23, 26 and 27.
Thence
S. 89° 58' E. on a true line bet. secs. 23 and 26.
Over gently rolling land, through scattering undergrowth.
Road brs. NW. and SE.
11.38
40.07

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap

1S 23
4S 26
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
80.14

The cor. of secs. 23, 24, 25 and 26.
Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, scattering sagebrush and cactus.
Poor growth of grass.

40.00
83.26

East on a random line bet. secs. 24 and 25.
Set temp. ½ sec. cor.
Fall 2 lks. N. of the reestablished cor. of secs. 24 and 25, on E. bdy. of Tp., hereinbefore described.
Thence
N. 89° 59' W. on a true line bet. secs. 24 and 25.
Over gently rolling land, through scattering timber and undergrowth.
43.26

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

from which,
A cedar, 10 ins. diam., brs. N. 19¾° W.
358 lks. dist.; mkd. ¼ S 24 B T.
A cedar, 7 ins. diam., brs. S. 34° W.
482 lks. dist.; mkd. ¼ S 25 B T.
83.26

The cor. of secs. 23, 24, 25 and 26.
Land, gently rolling.
Soil, limestone subsoil, 3rd rate.
Timber, scattering cedar. Undergrowth, scattering sagebrush.
Poor growth of grass.

Subdivision of Township 16 North, Range 16 East, 49

chains. N.0°11'E., bet.secs. 23 and 24.
 Over gently rolling land, thru scattering undergrowth and scrub cedar.
 10.00 Leave scrub timber.
 40.00 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,

$$\begin{array}{c} \frac{1}{4} \\ S23 | S24 \\ 1917 \end{array}$$
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.high, w. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground, in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap,

$$\begin{array}{c} T16N | R16E \\ S14 | S13 \\ S23 | S24 \\ 1917 \end{array}$$
 and raise a mound of stone, 2 ft. base. $1\frac{1}{2}$ ft. high, w. of cor.
 Land, gently rolling.
 Soil, limestone subsoil, 3rd rate.
 Timber, scattering, scrub cedar as indicated.
 Undergrowth, scattering sagebrush and Spanish dagger.
 Fair growth of grass.

40.00 N.89°58'W., on a random line, bet. secs.14 and 23.
 Set temp. $\frac{1}{4}$ sec.cor.
 80.16 Fall 6 lks.N. of the cor. of secs.14, 15, 22 and 23.
 Thence,
 N.89°59'E., on a true line, bet. secs. 14 and 23.
 40.08 Over gently rolling land, thru. scattering undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$$\frac{1}{4} \frac{S 14}{S 23} \\ 1917$$
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.high, N. of cor.
 80.16 The cor. of secs. 13, 14, 23 and 24.
 Land, gently rolling.
 Soil, limestone subsoil, 3rd rate.
 No timber.
 Undergrowth, scattering sage brush and Spanish dagger.
 Fair growth of grass.

40.00 S.89°59'E., on a random line, bet. secs.13 and 24.
 Set temp. $\frac{1}{4}$ sec.cor.
 84.02 Fall 7 lks.N. of the reestablished cor. of secs.13 and 24, on E. bdy. of Tp., hereinbefore described.
 Thence,
 N.89°56'W., on a true line, bet. secs.13 and 24.
 Over gently rolling land, thru. scattering timber and undergrowth.
 24.00 Leave scattering timber.
 44.02 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

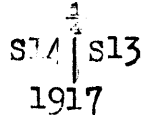
$$\frac{1}{4} \frac{S 13}{S 24} \\ 1917$$

50. Subdivision of Township 16 North, Range 16 East.

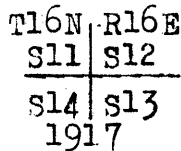
Chains.

84.02 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 The cor. of secs. 13, 14, 23 and 24.
 Land, gently rolling.
 Soil, limestone subsoil, 3rd rate.
 Timber, scattering scrub cedar as indicated.
 Undergrowth, scattering Spanish dagger.

40.00 N.0° 11' E. bet. secs. 13 and 14.
 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap,

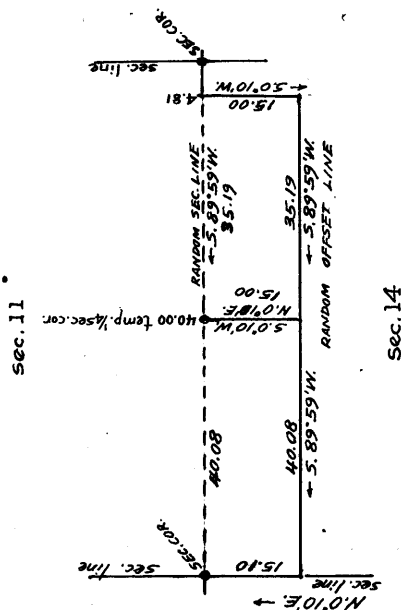


80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Set an iron post, 3 ft., long, 2 ins. in diam., 4 ins. in the ground, in a mound of stone, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, gently rolling.
 Soil, limestone subsoil, 3rd rate.
 No timber.
 Undergrowth, scattering sagebrush and Spanish dagger.

4.81 S.89° 59' W., on random line, bet. secs. 11 and 14.
 West from this point, the Chevelon Canyon crosses the line in four places, rendering chain measurement impracticable; therefore, obtain measurement by offset as follows:



From 4.81 ch. sta. on random sec. line,
 S.0°10'W., 15.00 chs. to offset point in sec. 14.

Thence,
 S.89° 59' W., 35.19 chs. on offset line in sec. 14.

Thence,
 N.0° 10' E., 15.00 chs. to point on random sec. line, 40.00 chs.

S.89°59'W. from sec. cor., where set temp. ¼ sec. cor. Return S.0°10'W., 15.00 chs. to point on offset line; thence, S.89°59'W., 40.08 chs. to intersection with sec. line, bet. secs. 14 and 15.

Thence,
 N.0°10'E., 15.10 chs. to cor. of

secs. 10, 11, 14 and 15. This determines the falling of random line projected, as 10 lks. S. of the sec. cor., giving S.89°57'E., as the true course of the sec. line, bet. secs. 11 and 14, and the true length of said line

Subdivision of Township 16 North, Range 16 East 51

Chains.

is 4.81 chs. + 35.19 chs. + 40.08 chs. = 80.08 chs. From cor. of secs. 10, 11, 14 and 15, survey line bet. secs. 11 and 14 by offset as follows: S. 0° 10' W., 15.00 chs. on sec. line, bet. secs. 14 and 15 to offset point.

Thence, S. 89° 57' E., 40.00 chs., on offset line, thru. W. 1/2 of sec. 14.

Thence, N. 0° 10' E., 15.00 chs. to point on true sec. line, bet. secs. 11 and 14. Establish 1/4 sec. cor. of secs. 11 and 14 at this point, as described below.

Thence, S. 0° 10' W., 15.00 chs. to offset line at 40.00 chs. S. 89° 57' E., from offset point on line, bet. secs. 14 and 15.

Thence, S. 89° 57' E., 35.23 chs. on offset line in E. 1/2 of sec. 14 to offset point.

Thence, N. 0° 10' E., 15.00 chs. on offset line in sec. 14 to point on true sec. line bet. secs. 11 and 14 on E. or right rim of Chevelon Canyon.

Thence, S. 89° 57' E., 4.81 chs. on true sec. line, bet. secs. 11 and 14 to cor. of secs. 11, 12, 13 and 14.

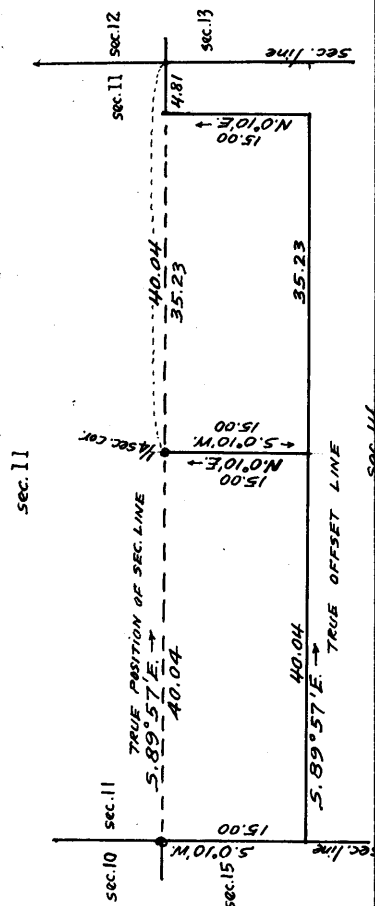
The approximate positions of items of topography on true sec. line, bet. secs. 11 and 14, and description of 1/4 sec. cor. is given as follows:

From cor. of secs. 10, 11, 14 and 15, S. 89° 57' E., on true line, bet. secs. 11 and 14. Over rolling land, thru scattering undergrowth.

- 8.50 (Approximately) W. or right rim of Chevelon Canyon, brs. N. and SE. Descend into canyon.
- 15.50 (Approximate) Chevelon Creek in bottom of canyon, with stream of running water, 30 lks. wide, course SE. Ascend.
- 22.00 (Approximate) Top of ascent on N. or left wall of canyon, near rim. Descend into canyon.
- 32.00 (Approximate) Chevelon Creek, in bottom of canyon, with stream of running water, 30 lks. wide, course NE. Ascend.
- 38.00 (Approximate) S. or right rim of Chevelon Canyon, brs. NE, and SW.
- 40.04 Thence over rolling land. (Determined by offset as described), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 11
S 14
1917

- 43.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. (Approximate) S. or right rim of Chevelon Canyon, brs. NW. and SE. Descend into canyon.
- 47.00 (Approximate) Chevelon Creek, in bottom of canyon, with stream of running water, 30 lks. wide, course SE. Ascend.
- 52.00 (Approximate) N. or left rim of Chevelon Canyon, brs. NW. and SE.
- 62.00 Thence over rolling land. (Approximate) W. or left rim of Chevelon Canyon, brs. NE. and SW. Descend into canyon.
- 67.00 (Approximate) Chevelon Creek, in bottom of canyon, with stream of running water, 30 lks. wide, course NE. Ascend.
- 75.27 (Determined by offset as described) E. or right rim of



52. Subdivision of Township 16 North, Range 16 East.

Chains.

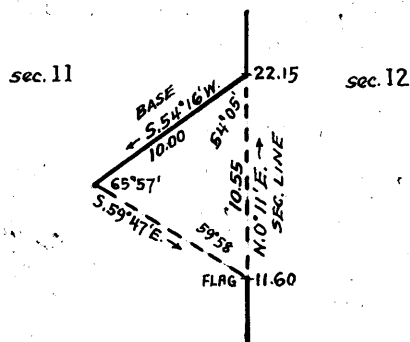
80.08 Chevelon Canyon, brs. NE. and SW. Offset point, herein-
before described. Continue measurement by chaining.
Over rolling land, thru scattering undergrowth.
The cor. of secs. 11, 12, 13 and 14.
Land, rolling, except where crossed by canyon.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, scattering sagebrush and cactus.
Poor grass.

40.00 s. 89°56'E., on a random line, bet. secs. 12 and 13.
Set temp. $\frac{1}{2}$ sec. cor.
84.77 Fall 2 lks. S. of the reestablished cor. of secs. 12 and 13,
on E. bdy. of Tp., hereinbefore described,
Thence,
N. 89°57'W., on a true line, bet. secs. 12 and 13.
Over rolling land, thru scattering undergrowth.
19.57 East rim of Black Canyon, brs. NW. and SE. Descend 59 ft.
to
20.47 Bottom of canyon, course NW. Ascend 60 ft. to
21.97 West rim of Black Canyon, brs. NW. and SE.
44.77 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground, in a mound of stone, for $\frac{1}{2}$ sec. cor., marked
on brass cap,

$\frac{1}{2}$ S. 12
S. 13
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.
84.77 The cor. of secs. 11, 12, 13 and 14.
Land, rolling.
Soil, limestone subsoil, 3rd rate.
No timber.
Undergrowth, scattering sage brush, and cactus.
Fair growth of grass.

11.60 N. 0°11'E., bet. secs. 11 and 12.
Over rolling land, thru scattering undergrowth.
S. or right rim of Chevelon Canyon, brs. E. and W. Chain
measurement across canyon being impracticable, trian-
gulate as follows:



Leave flag at this point.
Measure a base, S. 54°16'W.,
10.00 chs. from point on
sec. line, on N. or left rim
of canyon. From SW. end of
base, flag brs. S. 59°47' E.
Included angles are 65°57',
54°05' and 59°58', the sum
of which is 180°00'.
Triangulated dist. on sec.
line is obtained by

$$\frac{\sin 65^{\circ}57' \times \text{base}}{\sin 59^{\circ}58'} \text{ or } \frac{.91319 \times 10.00}{.86573} = 10.55 \text{ chs.,}$$

which, added to 11.60 chs. gives 22.15 chs. as position
of triangulation point on sec. line, on N. or left rim of
Chevelon Canyon.

18.50 (Approximate) Chevelon Creek, in bottom of canyon, with
stream of clear running water, 30 lks. wide, 2 ft. deep,
course NE., 250 ft. below rim. Ascend.
22.15 Triangulation point, on N. or left rim of Chevelon Canyon,
bearing E. and W.
Continue line and measurement by chaining.
40.00 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,

Subdivision of Township 16 North Range 16 East 53

Chains.

S11 | S12
1917

80.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap,

T16N | R16E
S 2 | S 1
S11 | S12
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, gently rolling, broken by Chevelon Canyon.
Soil, thin and sandy, 2nd rate.
No timber.
Undergrowth, scattering sage brush and rabbit brush.
Fair grass.

40.00 N. 89° 57' W., on a random line, bet. secs. 2 and 11.
79.86 Set temp. 1/2 sec. cor.
Fall 16 lks. N. of the cor. of secs. 2, 3, 10 and 11.

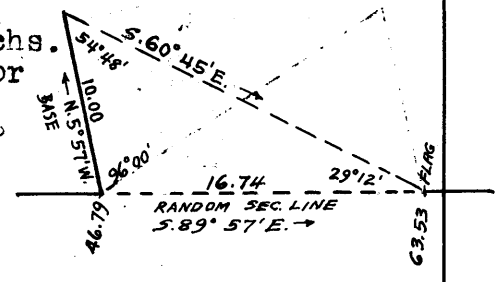
39.93 Thence,
S. 89° 50' E., on a true line, bet. secs. 2 and 11.
Over gently rolling land, thru. scattering undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec. cor., marked on brass cap,

S 2
S 11
1917

79.86 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling.
Soil, thin and sandy, 2nd rate.
No timber.
Undergrowth, scattering sage brush.

40.00 S. 89° 57' E., on random line, bet. secs. 1 and 12.
46.79 Set temp. 1/2 sec. cor.
West or left rim of Chevelon Canyon, brs. NE. and SW. Chain measurement across canyon being impracticable, triangulate as follows:

Measure a base, N. 5° 57' W., 10.00 chs.
Set flag on random sec. line on E. or right rim of canyon.
From N. end of base, flag brs. S. 60° 45' E.
Included angles are, 54° 48', 29° 12' and 96° 00', the sum of which 180° 00'.



Triangulated dist. on random sec. line is obtained by
$$\frac{\text{Sine } 54^\circ 48' \times \text{base}}{\text{sine } 29^\circ 12'}$$
 or $\frac{.81714 \times 10.00}{.48786} = 16.74 \text{ chs.}$

63.53 which added to 46.79 chs. =
Flag point of above described triangulation, on E. or right rim of Chevelon Canyon.
Continue line and measurement by chaining.

85.23 Fall 22 lks. S. of reestablished cor. of secs. 1 and 12, on E. bdy. of Tp., hereinbefore described.

54. Subdivision of Township 16 North, Range 16 East.

Chains.

Thence,
S. 89° 54' W., on true line, bet. secs. 1 and 12.
Over rolling land, thru scattering scrub timber and undergrowth.

21.50 East or right rim of Chevelon Canyon, brs. NE. and SW. Descend into Canyon. Measurement across canyon by triangulation, hereinbefore described.

24.20 (Approximate) Chevelon Creek, in bottom of canyon, with stream of running water, 30 lks. wide, 2 ft. deep, course NE. Ascend.

33.20 West or left rim of Chevelon Canyon, brs. NE. and SW. Continue line and measurement by chaining.
Over nearly level land, thru scattering undergrowth and scrub timber.

45.23 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, supported by a mound of stone, for $\frac{1}{2}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \text{ S } 1 \\ \text{S } 12 \\ 1917 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

57.43 E. or left rim of small canyon, brs. NW. and SE. Descend 55 ft.

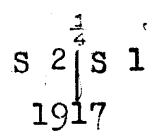
59.43 Bottom of canyon, course SE. into Chevelon Canyon. Ascend 55 ft.

61.43 West or right rim of same canyon, brs. NW. and SE.

85.23 The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling and level, except where broken by canyons.
Soil, thin and sandy, 2nd rate.
Timber, scattering scrub cedar.
Undergrowth, scattering sage brush.

N. 0° 11' E., on true line, bet. secs. 1 and 2.
Over gently rolling land, thru scattering undergrowth.

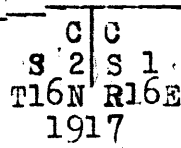
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

109.74 Intersect 4th. Standard Parallel N., 9.37 chs. W. of the reestablished standard cor. of secs. 35 and 36, described in Book "K."

At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, in a mound of stone, for closing cor. of secs. 1 and 2, marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
Land, rolling.
Soil, thin, 2nd rate.
No timber.
Undergrowth, scattering sage brush and rabbit brush.

Boundaries of Township 16 North, Range 16 East.
Latitudes, Departures, and Closing Errors.

| Line Designated. | True course. | Dist. | Latitudes. | | Departures. | |
|--------------------------------------|------------------------|-----------------|------------|--------|-----------------|--------|
| | | | N. | S. | E. | W. |
| South boundary, | West, | 482.23 | | | | 482.23 |
| West boundary, | N. 0° 11' E. | 14.01 | 14.01 | | .04 | |
| | N. 0° 03' E. | 39.93 | 39.93 | | .03 | |
| | N. 0° 01' E. | 79.98 | 79.98 | | .02 | |
| | N. 0° 03' E. | 39.97 | 39.97 | | .03 | |
| | N. 0° 04' E. | 39.99 | 39.99 | | .05 | |
| | N. 0° 05' E. | 40.00 | 40.00 | | .06 | |
| | N. 0° 07' E. | 39.94 | 39.94 | | .08 | |
| | N. 0° 04' E. | 39.94 | 39.94 | | .05 | |
| | N. 0° 08' E. | 39.97 | 39.97 | | .09 | |
| | N. 0° 15' E. | 39.95 | 39.95 | | .17 | |
| N. 0° 22' E. | 98.72 | 98.72 | | .64 | | |
| North boundary, 4th. Std. Par. N. | S. 89° 42' E. | 8.66 | | .05 | 8.66 | |
| | South, | 3.26 | | 3.26 | | |
| | East, S. 89° 43' E. | 450.93 25.23 | | .12 | 450.93 25.23 | |
| East boundary | S. 0° 54' E. | 60.24 | | 60.24 | .95 | |
| | S. 2° 32' W. | 40.39 | | 40.35 | | 1.79 |
| | S. 0° 30' W. | 40.94 | | 40.94 | | .36 |
| | S. 0° 35' W. | 40.98 | | 40.98 | | .42 |
| | S. 0° 23' W. | 41.04 | | 41.04 | | .27 |
| | S. 0° 34' W. | 40.92 | | 40.92 | | .40 |
| | S. 0° 30' W. | 40.93 | | 40.93 | | .36 |
| | S. 0° 02' W. | 40.84 | | 40.84 | | .02 |
| | S. 0° 02' E. | 40.88 | | 40.88 | .02 | |
| | S. 0° 22' W. | 40.99 | | 40.99 | | .26 |
| | S. 0° 18' W. | 39.88 | | 39.88 | | .21 |
| S. 0° 46' W. | 41.89 | | 41.89 | | .56 | |
| Convergency, | | | | | .51 | |
| Totals, | | | 512.40 | 513.30 | 487.56 | 486.88 |
| | | | | 512.40 | 486.88 | |
| | Error in latitude, | | 0.90 | | | |
| | Error in departure, | | | | 0.68 | |

92
30
20
15'

GENERAL DESCRIPTION.

SURFACE: Land is gently rolling, broken by Chevelon Canyon.

DRAINAGE & WATER SUPPLY: The township is drained principally by Chevelon Creek. Chevelon Canyon averages 250 ft. in depth, and its walls are precipitous. It is not crossed by a road at any point in this township, but at the pumping station in sec. 21 a trail crosses from Houk's shack to Sixteen Mile Tank. In sec. 11 a trail leads down to water on the N. side. These are the only points noted where water is inaccessible.

A running stream, in the bottom of the canyon averages 30 lks. in width, and 18 inches in depth; at the pumping station this stream broadens to a pool 2½ to 3 chs. wide.

By means of pipe lines, the pump in the canyon lifts water to two tanks, Sixteen Mile Tank on the N. side of the canyon and a tank by Houk's shack on the S. side.

SOIL: The soil is thin and sandy, as a rule, on a limestone subsoil, and is mostly 2nd rate. No indications of valuable mineral were noted on the surface.

VEGETATION: Scattering scrub cedar is in SE. and NW. parts of Tp., and cottonwood and walnut in bottom of Chevelon Canyon. Fair grazing in greater part of township.

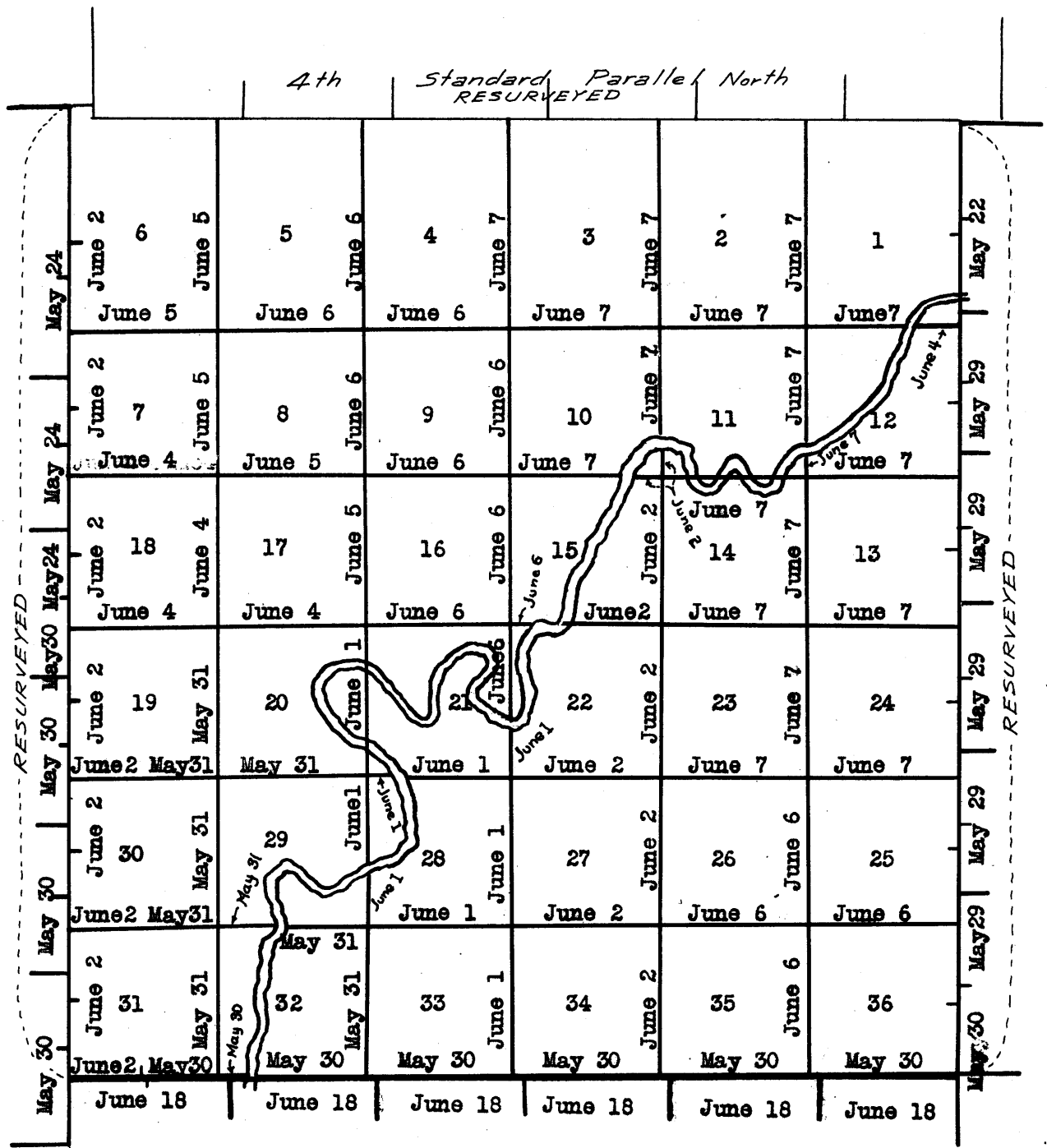
SETTLERS & IMPROVEMENTS: A road between Pleasant Valley and Winslow crosses NW. part of township. There are branch roads to the two tanks. The pumping plant, tanks and pipe lines, and several cabins constitute the improvements in this township.

DATE DIAGRAM

Book "L"
Group 79, Arizona

BOOK 3374

TOWNSHIP 16 NORTH, RANGE 16 EAST



June 4 Lines in red surveyed by Thomas B. Matthews, U.S. Surveyor, in 1917, on dates shown on diagram above.

June 4 Lines in black surveyed by William L. Nash, U.S. Transitman, in 1917, on dates shown on diagram above.

BOOK 3374

4-680

FIELD ASSISTANTS.to

Thomas B. Matthews, U. S. Surveyor,

| NAMES. | CAPACITY. |
|-----------------|---------------|
| M. A. Rennie, | 1st chainman, |
| Steven Hayes, | 2nd chainman, |
| Ernest Lundahl, | cornerman, |
| Fred Hayes, | cornerman, |
| Jim Sakaraison, | flagman, |
| J. E. Wall, | flagman, |
| B. E. Dry | axeman, |
| Lee W. Eastman, | axman. |
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| | |

222
BOOK 3874
60

CERTIFICATE OF UNITED STATES SURVEYOR.

Thomas B. Matthews, U. S. Surveyor, 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 Instruc-
tions, and the laws of the United States ^{re-} surveyed all those parts or portions of the

West boundary of TOWNSHIP 16 NORTH, RANGE 16 EAST, and

Surveyed all those parts or portions of the

South boundary and Subdivision Lines of

TOWNSHIP 16 NORTH, RANGE 16 EAST,

of the Gila and Salt River

Base and Meridian, in the State of Arizona,

which are represented in the foregoing field notes ^{and by diagram on page 57 hereof} as having been executed by me, and under my direction; and that all the corners of

~~said survey~~ ^{said resurvey and survey} have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, 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~~ ^{resurvey and survey},

Thomas B. Matthews
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by
under his special instructions dated, 191, 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.

.....
U. S. Surveyor General.

BOOK 3374

4-680

FIELD ASSISTANTS. to

William L. Nash, U. S. Transitman,

NAMES.

CAPACITY.

B. E. Wakeman, 1st chairman,

N. O'Connell, 2nd chairman,

Vernon Godbehere, flagman,

W. E. Phillios, moundman,

C. Muldner, axman.

TRANSITMAN

CERTIFICATE OF UNITED STATES SURVEYOR:

I, William L. Nash, ^{Transitman} U. S. ~~Surveyor~~, 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, ^{re-} surveyed all those parts or portions of the East boundary of TOWNSHIP 16 NORTH, RANGE 16 EAST, and Surveyed all those parts or portions of the South boundary and Subdivision lines of TOWNSHIP 16 NORTH, RANGE 16 EAST. of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 57 hereof} as having been executed by me, and under my direction; and that all the corners of ~~said survey~~ ^{said 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~~ ^{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 ^{re-} of the survey of the East and West boundaries and Survey of the South boundary and Subdivision lines of TOWNSHIP 16 NORTH, RANGE 16 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Thomas B. Matthews, U.S. Surveyor, & William L. Nash, U.S. Transitman under ~~his~~ special instructions dated Dec. 1, 1916, for Group 79, Arizona, ^{re-} ~~and~~ ^{resurveys &} having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ ^{resurveys &} they describe, are hereby approved.

Frederick O. Smith
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.~~