

3363

Book "A"

4-679

BOOK 3363

① 179
Gila
Compared

FIELD NOTES

Re
OF THE SURVEY OF THE

West boundary of TOWNSHIP 18 NORTH, RANGE 16 EAST, and

South boundary of TOWNSHIP 19 NORTH, RANGE 15 EAST; and

SURVEY of the

South and West boundaries, and

Subdivision lines of

TOWNSHIP 18 NORTH, RANGE 15 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

John F. Hesse, U.S. Surveyor,

and

William L. Nash, U.S. Transitman,

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

Resurvey and Survey commenced January 21, 1917

Resurvey and Survey completed February 12, 1917

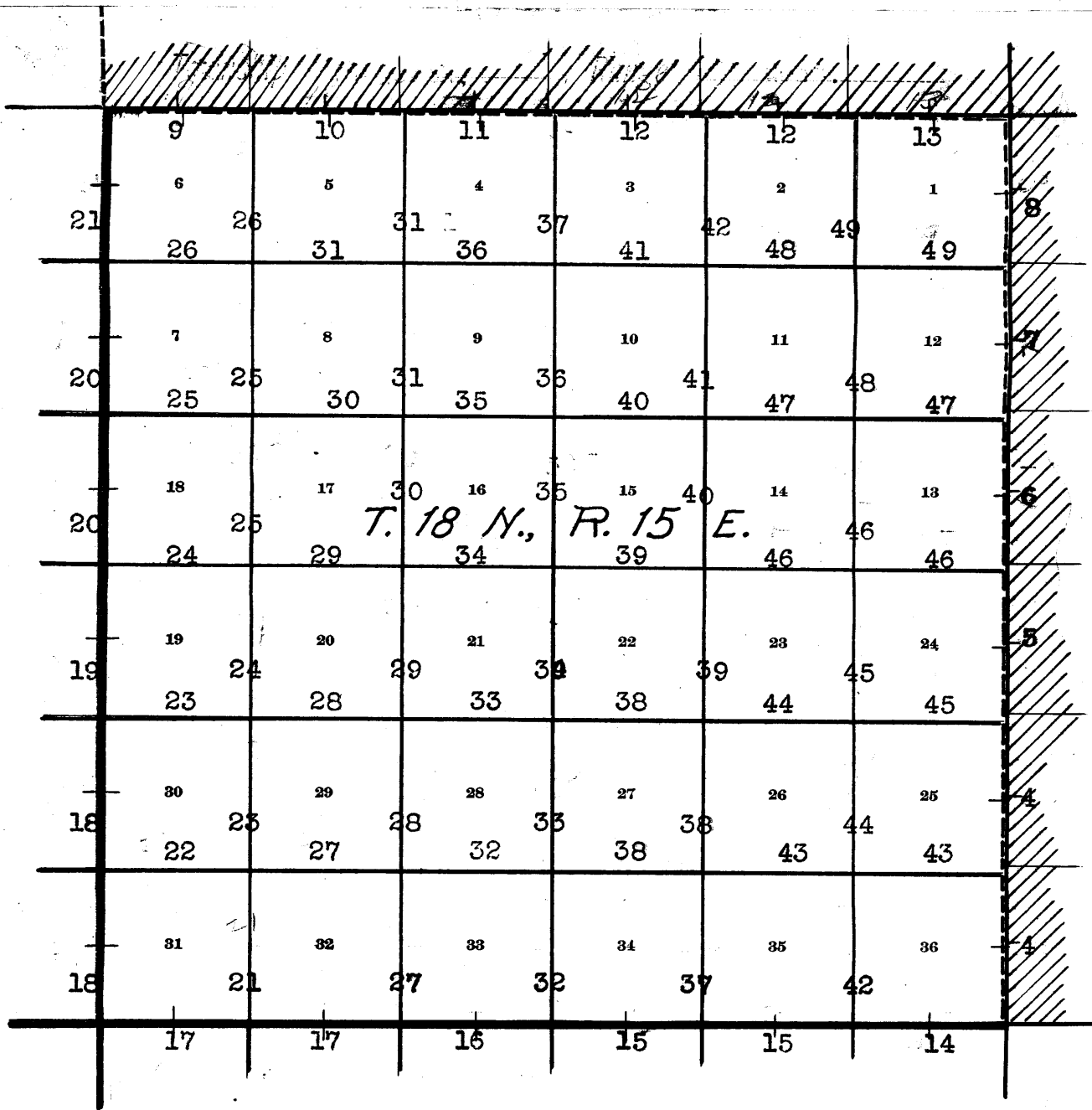
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BOOK 3363

INDEX DIAGRAM.



- Lines surveyed under this group.
- Lines retraced or resurveyed under this group.
- Lines surveyed under Group 78.
- Lines resurveyed under Group 78.
- Accepted surveys.
- //// Areas surveyed as per accepted plats on file.

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 s

Chains.

Resurveys and Surveys hereinafter described, executed on dates shown on diagram on page 51 of this book, by John F. Hesse, U. S. Surveyor, using Lietz light mountain transit No. 6166, and Wm. L. Nash, U. S. Transitman, using Young & Sons light mountain transit No. 7175 up to January 28th, 1917, and Buff & Buff transit No. 9937 thereafter. The instruments were all equipped with Smith solar attachments, and have horizontal and vertical circles and latitude and declination arcs reading to single minutes. They were approved by the Assistant Supervisor of Surveys, District No. 5, on January 12, 1917, subject to satisfactory field tests, record of which is described as follows:

Tests of Lietz Transit No. 6166, By John F. Hesse, U.S. Surveyor.

Jan. 21, 1917.

At camp near cor. of secs. 14, 15, 22 and 23, T. 18 N., R. 15 E., Latitude $34^{\circ}57'N.$, Longitude $110^{\circ}44'W.$, test the adjustments of the transit and correct level and collimation errors. Then at 11h 24m, p.m., l.m.t., observe Polaris at western elongation in accordance with instructions in the Manual, and mark a point in the line thus determined by driving a tack in a wooden stake firmly set in the ground, 5 chs. N. of station.

Jan. 23, 1917.

Turn off the azimuth of Polaris, $1^{\circ}23'$ to the E., and mark the meridian thus determined by a tack driven in a wooden stake firmly set in the ground, E. of the point set Jan. 21st.

At 8h 00m a.m., l.m.t., set off $34^{\circ}57'$ on the lat. arc, $19^{\circ}25'S.$ on the decl. arc, and determine a meridian with the solar.

At 4h 00m p.m., l.m.t., set off $34^{\circ}57'$ on the lat. arc, $19^{\circ}20'S.$ on the decl. arc, and determine a meridian with the solar.

The results of the two solar observations agree within less than one minute of arc with the true meridian established by the observation on Polaris, from which conclude that the adjustments are satisfactory.

Additional tests of Lietz transit No. 6166.

Jan. 31, 1917.

At the cor. of secs. 25, 30, 31 and 36, on W. bdy. of T. 18 N., R. 15 E., Latitude $34^{\circ}55\frac{1}{2}'N.$, Longitude $110^{\circ}48'W.$, at 10h.44m., p.m., l.m.t., observe Polaris at western elongation in accordance with instructions in the Manual, and mark a point in the line thus determined by driving a tack in a wooden peg firmly set in the ground, 5 chs. N. of station.

Feb. 4, 1917.

Turn off the azimuth of Polaris, $1^{\circ}23'$ to the E., and mark the meridian thus determined by a tack driven in a wooden stake firmly set in the ground, E. of the point set on Jan. 31st.

At 9h. 00m., a.m., l.m.t., set off $34^{\circ}55\frac{1}{2}'N.$ on the lat. arc, $16^{\circ}13'S.$ on the decl. arc, and determine a meridian with the solar.

At 3h. 00m., p.m., l.m.t., set off $34^{\circ}55\frac{1}{2}'N.$ on the lat. arc, $16^{\circ}09'S.$ on the decl. arc, and determine a meridian with the solar.

The results of the solar observations agree within less

than one minute of arc with the true meridian established by observations on Polaris, from which it is concluded that the adjustments are satisfactory.

The adjustments of the instrument were tested and maintained throughout the work in this township and in Ts. 17 N., Rs. 14 and 15 E., by frequent observations taken on the meridians hereinbefore described.

Field test of Transits Nos. 7175 and 9937, by Wm. L. Nash,
U. S. Transitman.

Jan. 18, 1917.

At camp in sec. 22, T. 18 N., R. 15 E., Latitude $34^{\circ}57'N.$, Longitude $110^{\circ}44'W.$, at 11h. 36m., p.m., l.m.t., observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by driving a tack in a wooden stake firmly set in the ground, 5 chs. N. of station.

Jan. 19, 1917.

Lay off the azimuth of Polaris, $1^{\circ}23'$ to the E., and mark the meridian thus determined by a tack driven in a wooden peg firmly set in the ground, E. of the point set last night.

Test of the solar apparatus of transit No. 7175 proves it to be in a condition impossible to adjust under field conditions, therefore use the instrument by projecting transit lines from the meridian hereinabove described until January 28th. on the arrival of Buff & Buff Transit No. 9937. Test this instrument as follows:

Jan. 28, 1917.

Examine the adjustments of the transit and correct level and collimation errors.

Then at 8h. 00m. a.m., l.m.t., set off $34^{\circ}57'N.$ on the lat. arc, $18^{\circ}11'S.$ on the decl. arc, and determine a meridian with the solar.

At 4h. 00m. p.m., l.m.t., set off $34^{\circ}57'N.$ on the lat. arc, $18^{\circ}06'S.$ on the decl. arc, and determine a meridian with the solar.

The results of the solar observations agree within less than one minute of arc with the true meridian established by the Polaris observation, from which it is concluded that the adjustments are satisfactory.

The adjustments were frequently examined and kept in order throughout the survey by observations on this meridian.

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

Resurvey of W. Bdy. of T. 18 N., R. 16 E.

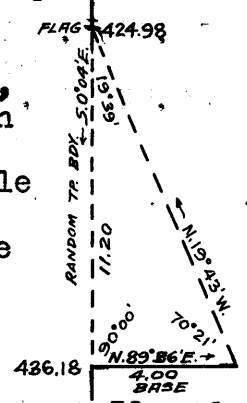
Chains. Retracement for resurvey.

After diligent search find remains of cor. of Ts. 18 and 19 N., Rs. 15 and 16 E., consisting of faint traces of 4 pits and mound of earth. No trace of post can be found. Destroy the old mound of earth and midway between the N. and S. pits and E. and W. pits Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of Ts. 18 and 19 N., Rs. 15 and 16 E., marked on brass cap

T19N
R15E R16E
S36 S31
S 1 | S 6
T18N
1917

Fill in the old pits N., S., E. and W. of cor., and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Thence S.0°04'E., on a random line bet. Rs. 15 and 16 E., making diligent search at record distances for original 1/4 sec. cors. and sec. cors. and setting temp. cors. at intervals of 40.00 chs.

424.98 Obtain distance across Clear Creek Canyon, across which it is impracticable to chain, as follows: Leave a flag, and from station on line on S. side of canyon measure a base 4.00 chs. N.89°56'E., (making an angle of 90° with the random) to a point whence flag bears N.19°43'W., which gives for the distance, 4.00 x tan 70°21', or 4.00 x 2.80059, or 11.20 chs.; making total distance 424.98 + 11.20, or 436.18 chs.



436.18 Continue measurement with steel tape.

440.40 Fall 397 lks. W. of original 1/4 sec. cor. of secs. 31 and 36, which is a limestone, 14x10x8 ins. above ground, firmly set, marked 1/4 on W. face and witnessed by a mound of stone W. of cor. No bearing trees. No other cors. found N. of this point. True course and dist. to the cor. of Ts. 18 and 19 N., Rs. 15 and 16 E. from this cor. are therefore N.0°35'W., 440.42 chs. which, to maintain the original proportion for the intervals bet. cors. gives 39.67 chs. for N. 1/2 of W. bdy. of sec. 6, and 40.07 1/2 chs. for all other intervals.

40.25 Thence S.0°04'E. on random line, on W. bdy. of sec. 31 (S. 1/2). Fall 20 lks. E. of the original cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., which is a sandstone, 12x8x6 ins. above ground, firmly set, 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. Reestablish this cor. as follows: Alongside old stone Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground and 14 ins. in a mound of stone, for reestablished cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., marked on brass cap

T18N
R15E R16E
S36 S31
S 1 | S 6
T17N
1917

to which the original mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. remains accessory. True course and dist. of S. 1/2 of W. bdy. of sec. 31, T.18N., R. 16 E., are therefore N.0°13'E., 40.25 chs.

Resurvey.

From the reestablished cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., hereinbefore described,

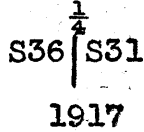
Resurvey of W. Bdy. of T. 18 N., R. 16 E.

Chains.

N.0°13'E., on a true line, on W. bdy. of sec. 31, (S.½).
Over rolling land, through scattering undergrowth.

18.25 Top of low round hill.

40.25 The original ¼ sec. cor. of secs. 31 and 36, hereinbefore
described. Alongside of old stone, set an iron post,
3 ft. long, 1 in. diam., 26 ins. in the ground, for
reestablished ¼ sec. cor. of secs. 31 and 36, marked
on brass cap



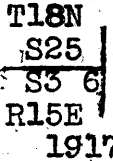
to which original mound of stone, 2 ft. base, 1½ ft.
high, W. of cor., remains accessory.

Thence N.0°35'W., on true line, on W. bdy. of sec. 31 (N.½).
Over rolling land, through scattering undergrowth.

7.22 S. edge of Clear Creek Canyon, brs. NE. and SW., precipitous
walls 250 ft. high. Dist. across canyon determined by
triangulation hereinbefore described. Stream in bottom,
30 lks. wide, 1 ft. deep, course NE.

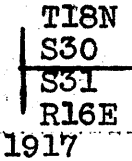
18.42 N. edge of canyon, brs. NE. and SW. Thence over gently
rolling land.

39.75 (80.00 chs. from Tp. cor.) Set an iron post, 3 ft. long,
3 ins. diam., 14 ins. in the ground and 10 ins. in a
mound of stone, for reestablished cor. of secs. 25 and
36, T.18 N., R.15 E., marked on brass cap



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

40.07 (proportional dist.) Set an iron post, 3 ft. long, 3 ins.
diam., in a mound of stone on bed rock, for reestablished
cor. of secs. 30 and 31, T.18 N., R.16 E., marked on
brass cap



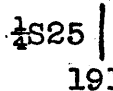
And raise a mound of stone, 2 ft. base, 1½ ft. high,
E. of cor.

Land, rolling and mountainous. Mountainous land, 11 chs.
Soil, loose sandy loam from 2 to 18 ins. deep, over lime-
stone, with outcroppings of limestone; 3rd rate.
No timber.
Undergrowth, scattering sage brush. Good grass.

N.0°35'W., on W. bdy. of sec. 30.

Over gently rolling land, through scattering sage brush.

39.68 (40.00 chs. from reestablished cor. of secs. 25 and 36)
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground and 6 ins. in a mound of stone, for reestablished
¼ sec. cor. of sec. 25, T.18 N., R.15 E., marked on
brass cap



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

Resurvey of W. Bdy. of T. 18 N., R. 16 E. 5

Chains

40.08 (Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 30, marked on brass cap

$\frac{1}{4}$ S30

1917

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

79.68 (80.00 chs. from reestablished cor. of secs. 25 and 36)
Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for reestablished cor. of secs. 24 and 25, marked on brass cap

T18N
S24
S25
R15E

1917

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

80.15 (Proportional distance)
Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground and 9 ins. in a mound of stone, for reestablished cor. of secs. 19 and 30, marked on brass cap

T18N
S19
S30

1917

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

Land, gently rolling.
Soil, rocky and sandy; 3rd rate.
Timber, scattering juniper.
Undergrowth, sage-brush. Good grazing.

N.0°35'W., on W. bdy. of sec. 19,
over gently rolling land, through scattering sage-brush and cedar.

39.53 (40.00 chs. N. from reestablished cor. of secs. 24 and 25)
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for reestablished $\frac{1}{4}$ sec. cor. of sec. 24, marked on brass cap

$\frac{1}{4}$ S24

1917

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

40.08 (Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19, marked on brass cap

$\frac{1}{4}$ S19

1917

176

Chains

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

79.53 (80.00 chs. from reestablished cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 3 ins. diam., 14 ins. in the ground and 10 ins. in a mound of stone, for reestablished cor; of secs. 13 and 24, marked on brass cap

T18W
S13
S24
R15E

1917

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

80.15 (Proportional distance) Set an iron post, 3 ft. long, 3 ins. diam., 15 ins. in the ground and 9 ins. in a mound of stone, for reestablished cor. of secs. 18 and 19, marked on brass cap

T18W
S18
S19
R16E

1917

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

Land, rolling.
Soil, sandy loam, 3rd rate.
Timber, scattering cedar.
Undergrowth, sage-brush. Good grazing.

12.25 N.0°35'W., on W. bdy. of sec. 18, over rolling land, through scattering sage-brush. Old road bears NE. and SW.
39.38 (40.00 chs. from reestablished cor. of secs. 13 and 24) Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for reestablished 1/4 sec. cor. of sec. 13, marked on brass cap

S13

1917

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

40.08 (Proportional distance) Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for reestablished 1/4 sec. cor. of sec. 18, marked on brass cap

S18

1917

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

64.35 S. rim of Jack's Canyon, bears E. and W. Desc. 125 ft. over perpendicular rim rock.

Resurvey of W. Bdy. of T. 18 N., R. 16 E.

Chains

65.30 Bed of Canyon, course E. Asc. n. side of box canyon, over precipitous walls, 125 ft.
 67.15 N. rim of canyon, bears E. and W. Thence over rolling land.
 79.38 (80.00 chs. from reestablished cor. of secs. 13 and 24)
 Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground and 4 ins. in a mound of stone, for reestablished cor. of secs. 12 and 13, marked on brass cap

T18N
S12
S13
R15E

1917

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

80.15 (Proportional distance)
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, marked on brass cap

T18N
S7
S18
R16E

1917

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

Land, rolling. 3 chs. in canyon, broken and mountainous. Soil, stony and sandy; 3rd rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

2.83 N.0°35'W., on W. bdy. of sec. 7,
 over rolling land, through scattering sage-brush.
 16.38 Wash, 5 lks. wide, course SE.
 39.23 Wire fence bears NW. and SE., turns N. at about 85 lks. NW. of this point.
 (40.00 chs. from reestablished cor. of secs. 12 and 13)
 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 12 ins. in a mound of stone, for reestablished 1/4 sec. cor. of sec. 12, marked on brass cap

S12

1917

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

40.08 (Proportional distance)
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for reestablished 1/4 sec. cor. of sec. 7, marked on brass cap

S7

1917

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

73.00 Wash, 7 lks. wide, course NE. Thence over gently rolling land.

Chains

79.23 (80.00 chs. from reestablished cor. of secs. 12 and 13)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 12, marked on brass cap

T18N
S 1
S12
R15E

1917

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

80.15 (Proportional distance)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 6 and 7, marked on brass cap

T18N
S6
S7
R16E

1917

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

Land, rolling.
Soil, stony and sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

N.0°35'W., on W. bdy. of sec. 6,
over rolling land, through scattering sage-brush.

.38 NW. cor. of wire fence
4.58 Old road bears E. and W.
5.48 Wash, 8 lks. wide, course E. Thence over gently rolling land.

39.08 (40.00 chs. from reestablished cor. of secs. 1 and 12)
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 1, marked on brass cap

S1

1917

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

40.08 (Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for reestablished ¼ sec. cor. of sec. 6, marked on brass cap

S6

1917

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

79.75 The reestablished cor. of Ts. 18 and 19 N., Rs. 15 and 16 E., hereinbefore described.

Resurvey of W. Bdy. of T. 18 N., R. 16 E.

Chains. Land, rolling.
Soil, stony and sandy; 3rd rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Retracement

From reestablished cor. of Ts. 18 and 19 N., Rs. 15 and 16 E., hereinbefore described.

West (record course) on random line on S. bdy. of T. 19 N., R. 15 E., searching diligently at record distances thereon, for the original $\frac{1}{4}$ sec. and sec. cors. and setting temp. cors. where the original cors. are missing. Fail to find any trace of any old cor. until at

160.32 Fall 149 lks. S. of original cor. of secs. 2, 3, 34 and 35, which is a sandstone, 21x14x2 ins. firmly set in a mound of stone, marked with 2 notches on E. edge and 4 notches on W. edge, and witnessed by a mound of stone, W. of cor. No bearing trees.
True course and dist. of line back to Tp. cor. are therefore S.89°28'E., 160.32 chs., which, to maintain original proportion for the intervals bet. cors. gives 40.08 chs. for each interval.

Thence

West (record course) on a random line on S. bdy. of secs. 34, 33, 32 and 31, searching diligently at record dist. thereon, for the original $\frac{1}{4}$ sec. and sec. cors. and setting temp. cors. where original cors. are missing. Fail to find any trace of any old cor. until at

313.74 Fall 173 lks. S. of cor. of Ts. 18 and 19 N., Rs. 14 and 15, E., reestablished under current Group No. 78, which is a 3 in. iron post, 12 ins. above ground, firmly set alongside original stone cor., properly marked on brass cap and witnessed by 4 pits, one each N., S., E. and W. of cor. No bearing trees.
True course and dist. of line back to original cor. of secs. 2, 3, 34 and 35, are therefore S.89°41'E., 313.74 chs., which, to maintain original proportion for the intervals between cors. gives 38.33 chs. for W. $\frac{1}{2}$ of S. bdy. of sec. 31 and 39.34 $\frac{1}{2}$ chs. for the other intervals.

Resurvey.

From the reestablished cor. of Ts. 18 and 19 N., Rs. 14 and 15 E., hereinbefore described;

S.89°41'E., on S. bdy. of sec. 31.

38.33 Over gently rolling land, through scattering sage-brush. (Proportional distance) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 31, marked on brass cap

1/4 S 31

1917

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

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 6, marked on brass cap

1/4 S 6

1917

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Chains.

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

74.50 Top of hill bears NE. and SW.

77.67 (Proportional distance.)

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

T19N R15E
.S31 | S32

1917

and dig pits, 24x24x12 ins., NE. and NW. of post, 6 ft. dist.

Land, rolling.

Soil, stony and sandy; 3rd rate.

No timber.

Undergrowth, sage-brush. Good grazing.

S.89°41'E., on S. bdy. of sec. 32.

Over rolling land, through scattering sage-brush.

2.33 (80.00 chs. from Tp. cor.)

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 5 and 6, marked on brass cap

T18N R15E
.S6 | S5

1917

and dig pits, 24x24x12 ins., SE. and SW. of post, 6 ft. dist.

34.60 Road bears NE. and SW.

39.34 (Proportional distance.)

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 32, marked on brass cap

$\frac{1}{4}$ S32

1917

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

42.33 (40.00 chs. from reestablished cor. of secs. 5 and 6)

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 5, marked on brass cap

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

1917

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

72.90 Top of hill bears N. and S.

78.69 (proportional distance.)

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

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Chains

T19N | R15E
S32 | S33

1917

and dig pits, 24x24x12 ins. NE & NW of post, 6 ft. dist.

Land, rolling.
Soil, stony and sandy; 3rd rate.
No timber.
Undergrowth, sage-brush.

3.64

S. 89° 41' E., on S. bdy. of sec. 33,
over rolling land, through scattering sage-brush.
(80.00 chs. from reestablished cor. of secs. 5 and 6)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for reestablished cor. of secs. 4 and 5,
marked on brass cap

S5 | S4
T18N | R15E

1917

and dig pits, 24x24x12 ins. SE & SW of post, 6 ft. dist.

39.34

(Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 33,
marked on brass cap

S33

1917

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

43.64

(40.00 chs. from reestablished cor. of secs. 4 and 5)
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 4,
marked on brass cap

S4

1917

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

47.70

FT. of gradual rolling E. slope. Thence over level land.
Draw, course NE.

70.70

78.69

(Proportional distance)
Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in
the ground and 12 ins. in a mound of stone, for
reestablished cor. of secs. 33 and 34, marked on
brass cap

T19N | R15E
S33 | S34

1917

and dig pits, 24x24x12 ins. NE & NW of post, 6 ft. dist.

Land, rolling and level.
Soil, stony and sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

12

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Chains

4.95 S. 89°41'E., on S. bdy. of sec. 34,
over gently rolling land, through scattering sage-brush.
(80.00 chs. **from** reestablished cor. of secs. 4 and 5)
Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the
ground and 4 ins. in a mound of stone, for reestablished
cor. of secs. 3 and 4, marked on brass cap

S4	S3
T18N	R15E

1917

and dig pits, 24x24x12 ins. **SE & SW of post**, 6 ft. dist.

39.34 (Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground and 10 ins. in a mound of stone, for reestablished
 $\frac{1}{4}$ sec. cor. of sec. 34, marked on brass cap

 $\frac{1}{4}$ S34

1917

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

44.95 (40.00 chs. **from** reestablished cor. of secs. 3 and 4)
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone on bed rock, for reestablished $\frac{1}{4}$ sec. cor. of
sec. 3, marked on brass cap

 $\frac{1}{4}$ S3

1917

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

78.69 ~~Intersect original cor. of~~ secs. 2, 3, 34 and 35, hereinbefore des-
cribed; ~~where~~ **Reestablish** as follows: **Alongside**
~~the~~ original **stone** set an iron post, 3 ft. long, 3 ins.
diam., 12 ins. in the ground and 12 ins. in a mound of
stone, for reestablished cor. of secs. 34 and 35 only,
marked on brass cap

T19N	R15E
S34	S35

1917

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

Land, gently rolling.

Soil, stony and sandy; 3rd and 4th rate.

No timber.

Undergrowth, sage-brush. Good grazing.

6.26 S. 89°28'E., on S. bdy. of sec. 35,
over gently rolling land, through scattering sage-brush.
(80.00 chs. **from** reestablished cor. of secs. 3 and 4)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for reestablished cor. of secs. 2 and 3,
marked on brass cap

S3	S2
T18N	R15E

1917

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Chains

and dig pits, 24x24x12 ins. SE & SW of post, 6 ft. dist.

10.40 Wash, 10 lks. wide, course NE.

39.20 Wash, 15 lks. wide, course N.

40.08 (Proportional distance)

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 35, marked on brass cap

S35

1917

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

46.26 (40.00 chs. from reestablished cor. of secs. 2 and 3)

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for reestablished $\frac{1}{4}$ sec. cor. of sec. 2, marked on brass cap

S2

1917

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

60.12 Wash, 8 lks. wide, course N.

65.27 Old road bears NE. and SW.

80.16 (Proportional distance)

Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for reestablished cor. of secs. 35 and 36, marked on brass cap

T19N | R15E
S35 | S36

1917

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

Land, rolling.

Soil, stony and sandy; 3rd and 4th rate.

No timber.

Undergrowth, scattering sage-brush. Good grazing.

S.89°28'E., on S. bdy. of sec. 36, over gently rolling land, through scattering sage-brush.

6.10 (80.00 chs. from reestablished cor. of secs. 2 and 3)

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 2, marked on brass cap

S2 | S1
T18N | R15E

1917

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

40.08 (Proportional distance)

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap

14

Resurvey of S. Bdy. of T. 19 N., R. 15 E.

Chsins

S36

1917

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

- 46.10 (40.00 chs. ~~from~~ reestablished cor. of secs. 1 and 2)
Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in
the ground and 4 ins. in a mound of stone, for rees-
tablished $\frac{1}{4}$ sec. cor. of sec. 1, marked on brass cap

S1

1917

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

- 80.00 Road bears N.to Winslow and SW.to Camp Verde via Chaves
80.16 ~~Intersect reestablished~~ cor. of Ts. 18 and 19 N., Rs. 15 and
16 E., hereinbefore described. / Pass.

Land, rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

Survey of S. Bdy. of T. 18 N., R. 15 E.

From the reestablished cor. of Ts. 17 and 18 N., Rs. 15
and 16 E., hereinbefore described;

- 40.00 WEST, bet. secs. 1 and 36,
over rolling land,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S36 $\frac{1}{4}$ S 1

1917

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

- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
the ground, for cor. of secs. 1, 2, 35 and 36, marked
on brass cap

T18N	R15E
S35	S36

S2	S1
T17N	

1917

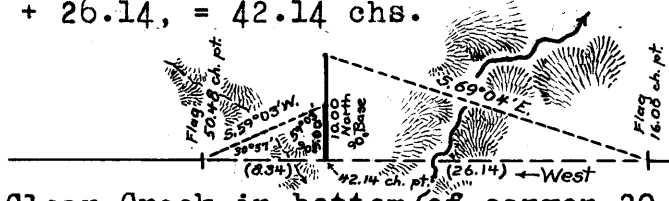
and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, loose sandy loam, coarse in texture; 2nd rate.
No timber.
Good grass.

Chains

WEST, bet. secs. 2 and 35,
over level land.

16.00 E. edge of Clear Creek Canyon, bearing NE. and SW., course NE. I obtain distance across the canyon, which has precipitous walls 200 ft. high, over which chaining is impracticable, as follows:
Leave a flag and proceed to a station on W. edge of the canyon, on line, from which I measure a base 10.00 chs. N., to a point whence flag bears S. 69° 04' E., which gives for the distance, $10.00 \times \tan 69^\circ 04'$, = 10.00×2.61418 , = 26.14 chs.; making total distance 16.00 + 26.14, = 42.14 chs.



29.00 (approx.) Clear Creek in bottom of canyon, 20 lks. wide, 1 ft. deep.

42.14 W. edge of Clear Creek Canyon. Measure E. along SE. slope, 2.14 chs.

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

$\frac{S35}{S2}$

1917

from which
A cedar, 8 ins. diam., bears N. 36 $\frac{1}{4}$ ° E., 37 lks. dist., marked $\frac{1}{4}$ S35 BT.
A cedar, 16 ins. diam., bears S. 88° W., 197 lks. dist., marked $\frac{1}{4}$ S2 BT.

44.00 E. edge of box canyon 200 ft. deep, course SE. Chaining being impracticable, I obtain distance across as follows:
Return to 42.14 chain point and measure a base 5.00 chs. N., to a point from which a flag on W. side of canyon bears S. 59° 03' W., which gives for the distance $5.00 \times \tan 59^\circ 03'$, = 5.00×1.66757 , = 8.34 chs.; making total distance 42.14 + 8.34, = 50.48 chs.

50.48 W. edge of canyon. Thence over rolling land.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

(See diagram above)

T18N	R15E
S34	S35
S3	S2
T17N	

1917

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

Land, rolling and broken mountainous in box canyons.
Mountainous land, 28 chs.
Soil, loose sandy loam with outcropping limestone ledges; 2nd to 4th rate.
Timber, a few cedar trees near the $\frac{1}{4}$ sec. cor.
Good grass.

WEST, bet. secs. 3 and 34,
over open rolling land.

35.00 Enter scattering cedar timber, bears N. and S.

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

16

Survey of S. Bdy. of T. 18 N., R. 15 E.

Chains

$$\frac{1}{4} \frac{S34}{S3}$$

1917

from which

A cedar, 12 ins. diam., bears N.50°E., 251 lks. dist., marked $\frac{1}{4}$ S34 BT.A cedar, 6 ins. diam., bears S.15°E., 301 lks. dist., marked $\frac{1}{4}$ S3 BT.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T18N	R15E
S33	S34
S4	S3
T17N	

1917

from which

A cedar, 6 ins. diam., bears N.16 $\frac{1}{4}$ °W., 232 lks. dist., marked T18N R15E S33 BT.

A cedar, 14 ins. diam., bears N.88°45'E., 213 lks. dist., marked T18N R15E S34 BT.

A cedar, 6 ins. diam., bears S.59°30'E., 132 lks. dist., marked T17N R15E S3 BT.

A cedar, 5 ins. diam., bears S.12 $\frac{1}{4}$ °W., 316 lks. dist., marked T17N R15E S4 BT.

Land, rolling.

Soil, rocky; 4th rate.

Timber, cedar.

Good grass.

24.80 WEST, bet. secs. 4 and 33, over rolling land, through scattering cedar timber.

40.00 Road bears NE. to Winslow and SW.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.
$$\frac{1}{4} \frac{S33}{S4}$$

1917

from which

A cedar, 12 ins. diam., bears N.30 $\frac{1}{4}$ °E., 124 lks. dist., marked $\frac{1}{4}$ S33 BT.A cedar, 8 ins. diam., bears S.28 $\frac{1}{2}$ °W., 334 lks. dist., marked $\frac{1}{4}$ S4 BT.

48.79 Wash, 15 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T18N	R15E
S32	S33
S5	S4
T17N	

1917

from which

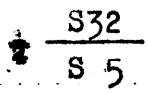
A cedar, 8 ins. diam., bears N.26 $\frac{1}{2}$ °E., 383 lks. dist., marked T18N R15E S33 BT.A cedar, 12 ins. diam., bears S.13 $\frac{1}{2}$ °E., 32 lks. dist., marked T17N R15E S4 BT.No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Chains

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Good grass.

.50
40.00

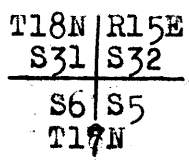
WEST, bet. secs. 5 and 32,
over rolling land, through scattering cedar timber.
Leave timber, bears N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

65.56
67.75
80.00

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
E. edge of outcropping ledge of sandstone rock, 4 ft. high.
W. edge of ledge.
Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, and 12 ins. in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap



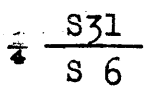
1917

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

Land, rolling.
Soil, rocky; 4th rate.
No timber, except in the vicinity of the cor. of secs. 4, 5, 32 and 33.
Good grass.

19.15
40.00

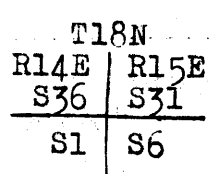
WEST, bet. secs. 6 and 31,
over rolling land.
Wash, 15 lks. wide, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

54.60
80.00

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
Road bears N. to Winslow and S. to Moonlight Bay Reservoir.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground and mound of stone, for cor. of Ts. 17 and 18 N., Rs. 14 and 15 E., marked on brass cap



T17N
1917

Chains

and dig pits, 24x24x6 ins., on each line, N., E., and W., 4 ft., and S. of post, 8 ft. dist. Impracticable to dig pits deeper on account of solid sandstone.

Land, rolling.
Soil, loose sandy loam 6 to 26 ins. deep over sandstone.
No timber.
Good grass.

Survey of W. Bdy. of T. 18 N., R. 15 E.

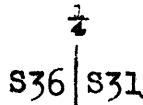
From the cor. of Ts. 17 and 18 N., Rs. 14 and 15 E., hereinbefore described;
NORTH, on a random line, bet. Rs. 14 and 15 E., setting temp. cors. at intervals of 40.00 chs.

484.18 Fall 90 lks. W. of the reestablished cor. of Ts. 18 and 19 N., Rs. 14 and 15 E., hereinbefore described.

This falling answers to a correction of 15 lks. per mile, making the true course for the W. bdy. of the Tp., N.0°06'E.

From the cor. of Ts. 17 and 18 N., Rs. 14 and 15 E., N.0°06'E., on a true line, bet. secs. 31 and 36, over open rolling land.

10.03 Road bears E. to Winslow and W.
10.17 Wire fence bears E. and W.
17.90 Wash, 10 lks. wide, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

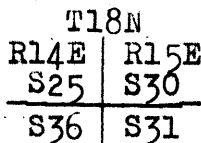


1917

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

80.00 Ruins of a stone house bears N.39°45'E.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap



1917

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

Land, rolling.
Soil, loose sandy loam 2 to 18 ins. deep over sandstone.
No timber.
Good grass.

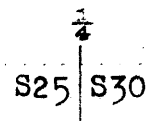
N.0°06'E., bet. secs. 25 and 30, over rolling land,

8.55 Jack's Creek, 100 lks. wide, course E.
10.24 Fence--barbed wire--bears E. and W.

Survey of W. Bdy. of T. 18 N., R. 15 E.

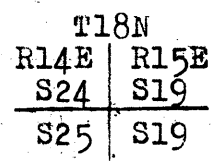
Chains

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



1917

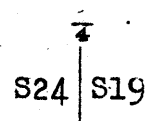
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 From the $\frac{1}{4}$ sec. cor. the ruin of a stone house bears S. 14° E.
 49.50 Spur, 60 ft. high, slopes E. Desc. gradually, 60 ft.
 62.00 Ft. of slope. Thence over gently rolling land. /pass.
 69.85 Draw, 50 lks. wide, course NE.
 71.23 Road bears NE. to Winslow and SW. to Camp Verde via Chaves
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap



1917

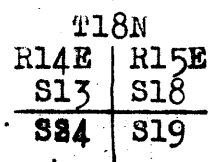
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling.
 Soil, loose sandy loam 2 to 18 ins. deep over sandstone.
 No timber.
 Good grass.

N. $0^{\circ}06'$ E., bet. secs. 19 and 24, over open level land.
 20.00 Asc. on gradual S. slope.
 24.40 Summit of ascent. Desc. gradually.
 29.10 Draw, course E. Asc. gradually, on S. slope.
 31.70 Summit of ascent. Thence across top of mesa.
 37.80 Desc. over rolling N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 56.90 Wash, 10 lks. wide, course NE.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 19, 18, 19 and 24, marked on brass cap



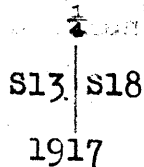
1917

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

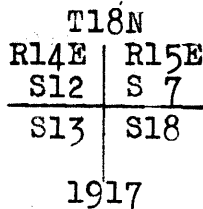
Chains

Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

N.0°06'E., bet. secs. 13 and 18,
over open gently rolling land, through scattering sage-
brush.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground and 6 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap



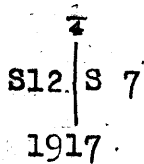
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
67.40 Draw, course NW. Thence across level grassy land.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for cor. of secs. 7, 12, 13 and 18, marked on
brass cap



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

Land, rolling.
Soil, sandy loam; 2nd and 3rd rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

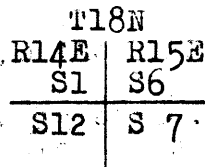
N.0°06'E., bet. secs. 7 and 12,
over level grassy land.
11.60 Road bears NE. and SW.
15.40 Asc. gradually on S. slope.
20.70 Summit of ascent. Thence across mesa.
30.40 Desc. gradually on N. slope.
35.00 Ft. of slope. Thence across level land.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. 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.

69.40 Wash, 8 lks. wide, course NW. Asc. gradually on SW. slope.
73.10 Point of spur extending W. from mesa.
Desc. NW. slope over grassy land.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for cor. of secs. 1, 6, 7 and 12, marked on
brass cap

Chains

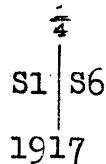


1917

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

Land, rolling.
Soil, 3rd and 4th rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

- 10.00 N. 0° 06' E., bet. secs. 1 and 6, over level grassy land, through scattering sage-brush. Asc. gradual SW. slope.
- 15.00 Summit of ascent bears E. and W. Thence over gently rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

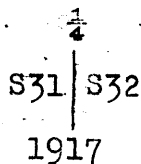


- 84.18 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- Intersect re-established cor. of Ts. 18 and 19 N., Rs. 14 and 15 E., hereinbefore described.

Land, rolling
Soil, sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

Subdivision of T. 18 N., R. 15 E.

- From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., hereinbefore described;
- 27.20 N. 0° 07' E., bet. secs. 31 and 32, over level grassy land, through scattering sage-brush. Wash, 10 lks. wide, course NE. Asc. gradual S. slope.
- 31.50 Summit of ascent. Thence over rolling land
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



- 60.00 and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- Enter scattering cedar timber, bears E. and W.

Chains

- 71.20 Jack's Canyon, (box canyon) course NE. Thence over level top of mesa.
- 80.00 Jack's Canyon, on W. side of bottom, course N. Impracticable to set cor. at true point. Therefore measure N.0°07'E. 250 lks. to
- 82.50 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on bed rock, for witness cor. to cor. of secs. 29, 30, 31 and 32, marked on brass cap

T18N	R15E
S30	S29
S31	S32

W C
1917

from which

A walnut tree, 18 ins. diam., bears S.71°45'E., 155 lks. dist., marked T18N R15E S32 W.C B T.
No other bearing trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling. Broken in canyon.

Soil, rocky; 4th rate.

Timber, cottonwood in bottom of canyon, and scrub cedar on N. 20 chs.

Undergrowth, scattering sage-brush. Good grazing.

- 40.00 WEST, on a random line, bet. secs. 30 and 31. Set temp. ¼ sec. cor.
- 80.02 Intersect W. Bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
- Thence EAST, on a true line, bet. secs. 30 and 31, descending over open rolling land, through scattering sage-brush.
- 1.40 Wire fence bears N. and S.
- 1.80 Road bears NE. and SW.
- 4.20 Road bears NE. and S.
- 12.20 Jack's Canyon, course S. Water in bottom. Asc. W. slope.
- 17.00 Summit of ascent. Thence over gently rolling land.
- 35.05 Jack's canyon--box canyon--, course NE. Water in bottom. Thence across point of mesa from S.
- 40.01 Point for ¼ sec. cor. falls near bottom of Jack's Canyon where it is impracticable to set cor.
- 40.20 Bottom of Jack's Canyon--box canyon--course S. Asc. W. slope.
- 42.01 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for witness cor. to ¼ sec. cor., marked on brass cap

WC	¼	S30
		S31

1917

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

- 45.00 Summit of ascent. Desc. gradual SE. slope.
- 56.05 Jack's Canyon--box canyon--, course NE. Water in bottom. Asc. gradual NW. slope.
- 62.80 Summit of ascent. Desc. gradual NE. slope, through scattering cedar timber, bearing NE. and SW.
- 65.90 Jack's Canyon--box canyon--course S. Thence across top of mesa.
- 79.06 W. edge of Jack's Canyon. Desc.
- 80.02 The true point for cor. of secs. 29, 30, 31 and 32.

Chains

Land, rough and broken in canyon and rolling on remainder of line.
Soil, rocky; 4th rate.
Timber, scattering cedar on E. 17 chs.
Undergrowth, sage-brush. Good grazing.

From the true point for cor. of secs. 29, 30, 31 and 32, N.0°07'E., bet. secs. 29 and 30, ascending along W. side of Jack's Canyon.
2.50 Witness cor. to cor. of secs. 29, 30, 31 and 32, on left edge of canyon. Thence over rolling land, through scattering sage-brush.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S30 | S29
1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
62.40 Wash, 12 lks. wide, course SE. Thence over gently rolling land.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

T18N | R15E
S19 | S20
S30 | S29
1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
Land, rough and broken in canyon, and rolling on balance of line.
Soil, sandy loam; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

WEST, on a random line, bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect W. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Thence EAST, on a true line, bet. secs. 19 and 30, over level grassy land, through scattering sage-brush.
14.60 Road bears NE. and SW.
30.00 Road bears NE. and SW.
30.70 Wash, 15 lks. wide, course SE.
39.99 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

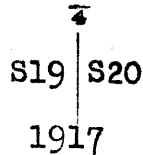
$\frac{1}{4}$ S19
S30
1917

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
50.00 Wash, 5 lks. wide, course SE.
79.98 The cor. of secs. 19, 20, 29 and 30.

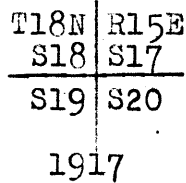
Chains

Land, level.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

N.0°07'E., bet. secs. 19 and 20,
over gently rolling open land, through scattering sage-
brush.
39.00 Road bears NE. and SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the
ground and 4 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 17, 18, 19 and 20, marked on
brass cap

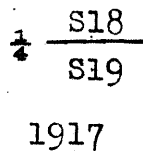


and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

40.00 WEST, on a random line, bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect W. bdy. of Tp. at the cor. of secs. 13, 18, 19 and
24, hereinbefore described.

Thence EAST, on a true line, bet. secs. 18 and 19,
over gently rolling open land, through scattering sage-
brush.
16.00 Draw, course N.
37.50 Desc. gradually along N. side of mesa.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

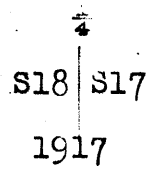


and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
45.50 Wash, 8 lks. wide, course N.
79.96 The cor. of secs. 17, 18, 19 and 20.

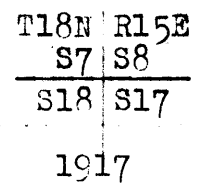
Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

Chains

40.00 N.0°07'E., bet. secs. 17 and 18,
over rolling open land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



80.00 and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 7, 8, 17 and 18, marked on
brass cap

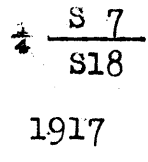


and dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, sandy loam; 3rd and 4th rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

40.00 WEST, on a random line, bet. secs. 7 and 18.
79.94 Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of Tp. 3 lks. N. of the cor. of secs.
7, 12, 13 and 18, hereinbefore described.

39.97 Thence N.89°59'E., on a true line, bet. secs. 7 and 18,
over gently rolling open land, through scattering
sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

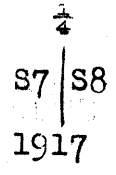


and dig pits, 18x18x12 ins. E. and W. of post, 3 ft.
dist.

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

Land, rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°07'E., bet. secs. 7 and 8,
over rolling open land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

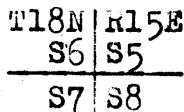


26

Subdivision of T. 18 N., R. 15 E.

chains

80.00 and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap



1917

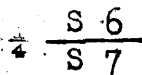
and dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.

Land, rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°59'W., on a random line, bet. secs. 6 and 7.
Set temp. ¼ sec. cor.
79.98 Intersect W. bdy. of Tp. 9 lks. N. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence N.89°55'E., on a true line, bet. secs. 6 and 7, over rolling land, through scattering sage-brush. Asc. on gradual SW. slope.

6.50 Top of ascent. Thence over level land.
39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap



1917

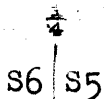
58.80 and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
79.98 Road bears NE. and SW.
The cor. of secs. 5, 6, 7 and 8.

Land, level and rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°07'E., on a random line, bet. secs. 5 and 6.
Set temp. ¼ sec. cor.
83.58 Intersect N. bdy. of Tp. 14 lks. E. of the reestablished cor. of secs. 5 and 6, hereinbefore described.

Thence S.0°01'W., on a true line, bet. secs. 5 and 6, over gently rolling open land, through scattering sage-brush.

42.38 Road bears NE. and SW.
43.58 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



1917

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

Subdivision of T. 18 N., R. 15 E.

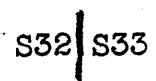
Chains .

83.58 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, 3rd rate.
 No timber.
 Good grazing.
 Undergrowth, scattering sage-brush.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., hereinbefore described;

N.0°07'E., bet. secs. 32 and 33. over rolling grassy land, through scattering cedar and sage-brush.

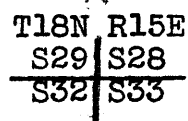
8.00 Leave cedar. Thence over open land.
 25.90 Wash, 8 lks. wide, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

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

47.00 Ascend gradually on S. slope of mesa.
 48.60 Top of ascent. Thence across top of mesa.
 56.40 Desc. along rolling W. slope of mesa.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 28, 29, 32 and 33, marked on brass cap



1917

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

Land, rolling.
 Soil, stony and sandy; 3rd rate.
 Timber, cedar.
 Undergrowth, sage-brush. Good grazing.

40.00 West, on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Fall 5 lks. S. of the true point for cor. of secs. 29, 30, 31 and 32.

Thence S.89°58'E., on a true line, bet. secs. 29 and 32. Descending abrupt slope near bottom of canyon through scattering timber and undergrowth.

0.20 Bottom of Jacks Canyon--box canyon-- course N. Asc. steep W. slope on E. side of canyon.
 5.85 Top of ascent, out of canyon. Thence over rolling land.
 31.05 Wash, 10 lks. wide, course N. Asc. gradually.
 33.00 Low spur projects N. Desc. gradually.
 38.65 Wash, 8 lks. wide, course NW.
 39.84 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on

Subdivision of T. 18 N., R. 15 E.

Chains.

brass cap

$$\begin{array}{c} S29 \\ \frac{1}{4} \text{---} WC \\ S32 \\ 1917 \end{array}$$

from which

A cedar, 16 ins. diam., bears S.11°45'W., 256 lks. dist. marked WC $\frac{1}{4}$ S 32 B T.

No other trees within limits. Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

40.02 Point for $\frac{1}{4}$ sec. cor. falls in a small wash, course NW. Impracticable to set post.

48.40 Top of slope. Thence over top of mesa.

50.50 Desc. on E. side of mesa, over rolling E. slope.

75.50 Draw, course N.

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

Land, rolling.

Soil, stony; 3rd and 4th rate.

Timber, a few cedar trees near the $\frac{1}{4}$ sec. cor., and some walnut along bottom of canyon.

Undergrowth, sage-brush. Good grazing.

N.0°07'E., bet. secs. 28 and 29.

over rolling land, descending gradually along W. slope through scattering sage-brush.

8.40 Desc. on N. slope.

10.50 Wash, 10 lks. wide, course E. Thence across point of spur from W.

13.00 Top of spur sloping E. Desc. N. slope.

16.20 Bottom of Jack's Canyon, course SE. Water in bottom. Thence over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ S29 | S28 \\ 1917 \end{array}$$

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

67.00 Thence over gently rolling land.

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

$$\begin{array}{c} T18N R15E \\ S20 | S21 \\ \text{---} \text{---} \\ S29 | S28 \\ 1917 \end{array}$$
and dig pits, 18x18x12 ins. in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.

Soil, sandy; 3rd and 4th rate.

Timber, some cottonwood in bottom of canyon.

Undergrowth, sage-brush. Good grazing.

N.89°58'W., on a random line, bet. secs. 20 and 29.

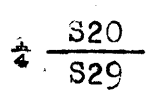
40.00 Set temp. $\frac{1}{4}$ sec. con.

79.98 Intersect N. and S. line 5 lks. N. of the cor. of secs. 19, 20, 29 and 30.

Subdivision of T. 18 N., R. 15 E.

Chains

39.99 Thence EAST, on a true line, bet. secs. 20 and 29, over gently rolling land, through scattering sage-brush. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



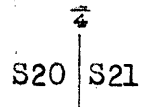
1917

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

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

Land, gently rolling.
Soil, 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

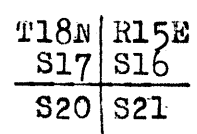
40.00 N.0°07'E., bet. secs. 20 and 21, over gently rolling open land, through scattering sage-brush. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

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

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap



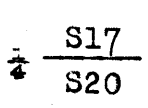
1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 WEST; on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line 2 lks. N. of the cor. of secs. 17, 18, 19 and 20.

40.00 Thence N.89°59'E., on a true line, bet. secs. 17 and 20, over gently rolling open land, through scattering sage-brush. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

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

30

Subdivision of T. 18 N., R. 15 E.

Chains

79.15 Road, bears NE. and SW.
80.00 The cor. of secs. 16, 17, 20 and 21.

Land, gently rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

.55
40.00 N.0°07'E., bet. secs. 16 and 17,
over gently rolling land, through scattering sage-brush.
Road bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S17 | S16

1917

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

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

T18N | R15E
S8 | S9

S17 | S16

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°59'W., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line 3 lks. N. of the cor. of secs.
7, 8, 17 and 18.

40.03 Thence N.89°58'E., on a true line, bet. secs. 8 and 17,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 8
S17

1917

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

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

Land, gently rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

Chains

N.0°07'E., bet. secs. 8 and 9,
over gently rolling land, through scattering undergrowth
of sage-brush.

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

4
S8 | S9
1917

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 4, 5, 8 and 9, marked
on brass cap

T18N | R15E
S5 | S4
S8 S9

1917

and dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, sandy and stony; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°58'W., on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line at the cor. of secs. 5, 6, 7 and 8.

Thence N.89°58'E., on a true line, bet. secs. 5 and 8,
over gently rolling land, through scattering sage-brush.

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

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

1917

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

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

Land, gently rolling.
Soil, sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°07'E., on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.

83.12 Intersect N. bdy. of Tp. 9 lks. E. of the reestablished
cor. of secs. 4 and 5, hereinbefore described.

Thence S.0°03'W., on a true line, bet. secs. 4 and 5,
over rolling land, through scattering sage-brush.
Asc. 100 ft., on N. slope.

4.85 Top of hill bears E. and W. Desc. on S. slope.
20.00 Ft. of slope. Thence over gently rolling land.

Chains

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

$\frac{1}{4}$
 S5 | S4
 1917

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

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

Land, rolling.

Soil, stony; 3rd and 4th rate.

No timber.

Undergrowth, sage-brush. Good grazing.

From the cor. of secs. 3, 4, 33 and 34, on S. Bdy. of Tp., hereinbefore described;

N.0°08'E., bet. secs. 33 and 34,

over rolling land, through scattering cedar and sage-brush.

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

$\frac{1}{4}$
 S33 | S34
 1917

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

63.00 Draw, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T18N | R15E
 S28 | S27
 S33 | S34

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.

Soil, sandy and stony; 3rd rate.

Timber, cedar.

Undergrowth, sage-brush. Good grazing.

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

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

79.96 Intersect N. and S. line. 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.

thence S.89°59'E., on a true line, bet. secs. 28 and 33, over rolling land, through scattering sage-brush. Asc. gradually along rolling W. slope.

9.00 Low spur extends NW. Asc. gradually along broken N. slope.

27.00 Top of ascent. Desc. gradually.

30.00 Enter scattering cedar, bears N. and SE.

34.50 Draw, course N. Asc. W. slope.

36.20 Point of mesa from S. Desc.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Chains

ground, for 1/4 sec. cor., marked on brass cap

1/4 S28 / S33

1917

from which

A cedar, 16 ins. diam., bears S.54°45'E., 133 lks. dist., marked 1/4 S33 BT.

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

50.00
69.46
79.96

Leave timber, bears N. and S.
Road, bears NE. and SW.
The cor. of secs. 27, 28, 33 and 34.

Land, rolling.
Soil, rocky; 4th rate.
Timber, cedar.
Undergrowth, sage-brush. Good grazing.

3.50

N.0°08'E., bet. secs. 27 and 28, over rolling land, through scattering sage-brush. Wash, 20 lks. wide, course NW. Asc. gradually, along gentle W. slope.

21.50
35.00
40.00

Spur, extending NW. Continue along broken W. slope. Low spur extends NW. Thence on slight NE. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S28 S27

1917

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

46.90
62.90
80.00

Jack's Canyon, course SE, comes from W.-- Thence over gently rolling land. Road bears NE. and SW. Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground and 10 ins. in a mound of stone, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

T18N | R15E
S21 | S22
S28 | S27

1917

and dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.

Land, rolling.
Soil, sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00
80.02

N.89°59'W., on a random line, bet. secs. 21 and 28. Set temp. 1/4 sec. cor. Intersect N. and S. line at the cor. of secs. 20, 21, 28 and 29.

40.01

Thence S.89°59'E., on a true line, bet. secs. 21 and 28, over rolling land, through scattering sage-brush. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Chains

ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S21}{S28}$$

1917

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

57.70 Wash, 20 lks. wide, course N.

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

Land, rolling.

Soil, sandy loam; 3rd rate.

No timber.

Undergrowth, sage-brush. Good grazing.

40.00 N.0°08'E., bet. secs. 21 and 22,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec.cor.,
marked on brass cap

$$\frac{1}{4} \frac{S21}{S22}$$

1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Thence over level land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 15, 16, 21 and 22, marked on
brass cap

$$\begin{array}{c} T18N | R15E \\ \hline S16 | S15 \\ \hline S21 | S22 \end{array}$$

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, gently rolling and level.

Soil, sandy loam; 3rd rate.

No timber.

Undergrowth, sage-brush. Good grazing.

40.00 N.89°59'W., on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect N. and S. line 7 lks. N. of the cor. of secs.
16, 17, 20 and 21.

39.98 Thence N.89°58'E., on a true line, bet. secs. 16 and 21,
over level land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S16}{S21}$$

1917

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

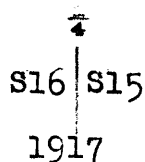
Subdivision of T. 18 N., R. 15 E.

Chains

78.00 Draw, course NE.
79.96 The cor. of secs. 15, 16, 21 and 22.

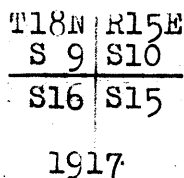
Land, level and gently rolling.
Soil, 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

6.00 N.0°08'E., bet. secs. 15 and 16,
over level grassy land, through scattering sage-brush.
Draw, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

44.90 Road bears E. and W.
50.00 Asc. over gently rolling SE. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 9, 10, 15 and 16, marked on
brass cap



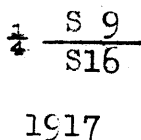
and dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

Land, level and gently rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°58'W., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and
17.

Thence N.89°58'E., on a true line, bet. secs. 9 and 16,
over gently rolling land, on slight SE. slope, through
scattering sage-brush.

7.10 Draw, course NE. Thence over land sloping gently toward
the NW.
39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

64.00 Top of rise. Thence over ground sloping slightly to the
SE.
79.92 The cor. of secs. 9, 10, 15 and 16.

Chains

Land, gently rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°08'E., bet. secs. 9 and 10,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S 9 S10

1917

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

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

T18N | R15E
S4 | S3

S 9 | S10

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, gently rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°58'W., on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. and S. line 12 $\frac{1}{2}$ lks. N. of the cor. of secs.
4, 5, 8 and 9.

35.90 Thence N.89°53'E., on a true line, bet. secs. 4 and 9,
over gently rolling E. slope, through scattering sage-
brush.
Draw, course N. Thence over ground sloping slightly toward
the W.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

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

1917

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

69.90 Top of low rise.
79.92 The cor. of secs. 3, 4, 9 and 10.

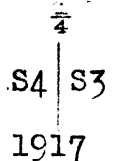
Land, gently rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

Subdivision of T. 18 N., R. 15 E.

Chains

40.00 N.0°08'E., on a random line, bet. secs. 3 and 4.
 Set temp. $\frac{1}{4}$ sec. cor.
 82.61 Intersect N. bdy. of Tp. 14 lks. E. of the reestablished
 cor. of secs. 3 and 4, hereinbefore described.

42.61 Thence S.0°02'W., on a true line, bet. secs. 3 and 4,
 over gently rolling land, through scattering sage-brush.
 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap

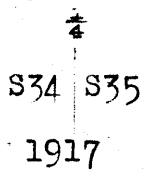


and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
 dist.

82.61 The cor. of secs. 3, 4, 9 and 10.
 Land, gently rolling.
 Soil, rocky and sandy; 3rd and 4th rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

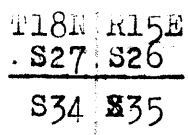
From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp.,
 hereinbefore described;

9.35 N.0°08'E., bet. secs. 34 and 35,
 over grassy rolling land, descending over gentle N. slope
 through scattering cedar and sage-brush.
 11.00 Box canyon from NW., course E.
 40.00 Asc. over slightly sloping ground.
 Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the
 ground and 19 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap



from which
 A cedar, 8 ins. diam., bears S.67°E., 185 lks. dist.,
 marked $\frac{1}{4}$ S35 Br.
 A cedar, 12 ins. diam., bears S.33 $\frac{1}{2}$ °W., 80 lks. dist.,
 marked $\frac{1}{4}$ S34 Br.

59.00 Leave timber, bears E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground and 12 ins. in a mound of stone, for cor. of
 secs. 26, 27, 34 and 35, marked on brass cap



and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, gently rolling.
 Soil, sandy; 3rd and 4th rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

Chains

40.00 WEST, on a random line, bet. secs. 27 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 27, 28, 33 and 34.

Thence S.89°59'E., on a true line, bet. secs. 27 and 34,
 over gently rolling land, sloping slightly toward the
 NW., through scattering sage-brush.

3.40 Wash, 10 lks. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ $\frac{S27}{S34}$

1917

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

51.70 Over rolling south slope.
 Road, bears N. and S.
 80.00 The cor. of secs. 26, 27, 34 and 35.

Land, gently rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

13.00 N.0°08'E., bet. secs. 26 and 27,
 over grassy open land, gently rolling, through scat-
 40.00 tering sage-brush. Asc. over gentle S. slope.
 Top of rise.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap

$\frac{1}{4}$ S27 | S26

1917

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

79.00 Old road bears NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 22, 23, 26 and 27, marked on
 brass cap

T18N | R15E
 S22 | S23
 S27 | S26

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
 Soil, sandy loam; 3rd rate.
 No timber.
 Undergrowth, scattering sage-brush. Good grazing.

40.00 N.89°59'W., on a random line, bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line at the cor. of secs. 21, 22, 27
 and 28.

Thence S.89°59'E., on a true line, bet. secs. 22 and 27,

Chains

over gently rolling land, sloping slightly toward the W., through scattering sage-brush.

9.33 Road bears N, and S.

15.00 Top of rise. Thence over ground sloping slightly to the E.

21.65 Jacks Canyon, course N. Asc. NW. slope.

30.20 Top of low spur sloping NE. Begin slight descent.

34.65 Road bears N. and S.

35.10 Wash, 12 lks. wide, course N. Thence over slight W. slope.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ $\frac{S22}{S27}$

1917

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

64.00 Top of rise.

79.98 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

N.0°08'E., bet. secs. 22 and 23,
over rolling land, through scattering sage-brush.

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

67.30 Desc. on rolling N. slope.

Jacks Canyon--box canyon--course NE. Thence over rolling S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap

T18N R15E
 $\frac{1}{4}$ S15 S14
S22 S23

1917

and dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, rocky and sandy; 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

N, 89°59'W., on a random line, bet. secs. 15 and 22.

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

79.94 Intersect N. and S. line 3 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence S. 89°58'E., on a true line, bet. secs. 15 and 22,

40

Subdivision of T. 18 N., R. 15 E.

Chains

13.24 over level land, through scattering sage-brush.
 Road, bears N. and S.
 15.00 Thence over rolling land sloping slightly to the N.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S15}{S22}$$

1917

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

47.00 Thence over land falling slightly to the E.
 79.94 The cor. of secs. 14, 15, 22 and 23.

Land, level and rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

29.80 N.0°08'E., bet. secs. 14 and 15,
 over gently rolling land, through scattering sage-brush.
 Wash, 12 lks. wide, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$S15 | S14$$

1917

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground and 14 ins. in a mound of stone, for cor. of secs.
 10, 11, 14 and 15, marked on brass cap

$$\begin{array}{c} T18N | R15E \\ \hline S10 | S11 \\ \hline S15 | S14 \end{array}$$

1917

1917

and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.

Land, rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

40.00 N.89°58'W., on a random line, bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect N. and S. line at the cor. of secs. 9, 10,
 15 and 16.

39.92 Thence S.89°58'E., on a true line, bet. secs. 10 and 15,
 over rolling land, through scattering sage-brush.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1917

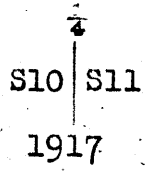
Subdivision of T. 18 N., R. 15 E.

Chains

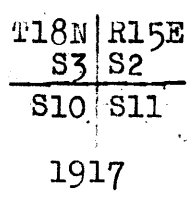
and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 43.65 Draw, course NE.
 61.85 Road bears NE. and SW.
 79.84 The cor. of secs. 10, 11, 14 and 15.

Land, rolling.
 Soil, stony and sandy; 3rd and 4th rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

N.0°08'E., bet. secs. 10 and 11,
 over gently rolling land, through scattering sage-brush.
 14.50 Road bears NE. and SW.
 30.00 Thence across level land, bears NE. and SW.
 34.00 Draw, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft dist.
 43.00 Asc. over gentle S. slope.
 45.00 Top of rise. Thence across top of broken mesa.
 49.00 Begin descent over rolling N. slope.
 55.00 Foot of slope. Thence over rolling land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for cor. of secs. 2, 3, 10 and 11, marked on brass cap



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

Land, rolling.
 Soil, stony; 3rd and 4th rate.
 No timber.
 Undergrowth, sage-brush. Good grazing.

N.89°58'W., on a random line, bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 2 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence S.89°57'E., on true line, bet. secs. 3 and 10,
 over gently rolling land, through scattering sage-brush.
 18.80 Desc. over gradual E. slope.
 19.80 Ft. of descent. Thence over level land.
 24.80 Thence along N. slope of mesa.
 32.00 Desc. over broken E. slope.
 35.00 Ft. of descent. Thence over gently rolling land.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

Chains

$\frac{1}{4}$ $\frac{S\ 3}{S10}$

1917

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

64.40 Wash, 15 lks. wide, 1 ft. deep, course NE.
79.80 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and level.
Soil, rocky; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°08'E., on a random line, bet. secs. 2 and 3.
Set temp. $\frac{1}{4}$ sec. cor.
82.07 Intersect N. bdy. of Tp. 24 lks. W. of the reestablished cor. of secs. 2 and 3, hereinbefore described.

Thence S.0°18'W., on a true line, bet. secs. 2 and 3, over rolling land, through scattering sage-brush.

31.57 Wash, 10 lks. wide, course E.
42.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S3 S2

1917

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

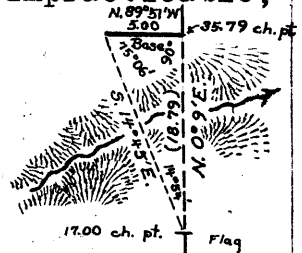
55.57 Wash, 15 lks. wide, 1 ft. deep, course NE.
82.07 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., hereinbefore described;

17.00 N.0°09'E., bet. secs. 35 and 36, over rolling land, through scattering sage-brush. S. edge of Clear Creek Canyon, course NE., 300 ft. deep, with precipitous walls. Chaining being impracticable, I obtain the distance across as follows:

Leave a flag, and from a point on line on N. side of canyon measure a base N.89°51'W., 5 chs., to a point whence flag bears S.14°45'E., which gives for the distance $5.00 \times \tan 75^{\circ}06'$, = 5.00×3.75828 , = 18.79 chs.; making total distance $17.00 + 18.79$, = 35.79 chs. Measure S.0°09'W., 79 lks. to rim of canyon.



26.50 (approx.) Stream in bottom, Clear Creek, 50 lks. wide, 1 ft. deep.
35.00 N. rim of canyon. Thence over gently rolling land, in the
35.79 Triangulation point, in a mound of stone, for $\frac{1}{4}$ sec. cor.,
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

Subdivision of T. 18 N., R. 15 E.

Chains

1/4
S35 S36
1917

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. diam., 24 ins. in the
ground, for cor. of secs. 25, 26, 35 and 36, marked on
brass cap.

T18N R15E
S26 S25
S35 S36

1917

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

Land, broken and mountainous in canyon and rolling on
remainder of line.

Soil, sandy; 3rd rate.

No timber.

Undergrowth, sage-brush. Good grazing.

40.00 WEST, on a random line, bet. secs. 26 and 35,
Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line 3 lks. N. of the cor. of secs.
26, 27, 34 and 35.

40.05 Thence N. 89° 59' E., on a true line, bet. secs. 26 and 35,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap

1/4 S26
S35

1917

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

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

Land, gently rolling.

Soil, sandy loam; 3rd rate.

No timber.

Undergrowth, sage-brush. Good grazing.

40.00 EAST, on a random line, bet. secs. 25 and 36.
Set temp. 1/4 sec. cor.

79.52 Intersect E. bdy. of Tp. at the cor. of secs. 25 and 36,
reestablished as hereinbefore described.

39.52 Thence WEST, on a true line, bet. secs. 25 and 36,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the
ground and 23 ins. in a mound of stone, for 1/4 sec. cor.,
marked on brass cap

1/4 S25
S36

1917

44

Subdivision of T. 18 N., R. 15 E.

Chains

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

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

Land, gently rolling.
Soil, rocky and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°09'E., bet. secs. 25 and 26, over gently rolling land, through scattering sage-brush. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

S26 S25

1917

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

41.00 Top of low rise.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground and 21 ins. in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap

T18N | R15E
S23 | S24

S26 | S25

1917

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

Land, gently rolling.
Soil, sandy loam; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°59'W., on a random line, bet. secs. 23 and 26. Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 2 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence N.89°58'E., on a true line, bet. secs. 23 and 26, over gently rolling land, through scattering sage-brush.

2.23 Old road bears NE. and SW.

31.33 Old road bears NE. and SW.

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

1/4 S23

S26

1917

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

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

Subdivision of T. 18 N., R. 15 E.

Chains

Land, rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush.
Good grazing.

40.00 EAST, on a random line, bet. secs. 24 and 25.
78.49 Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp. 5 lks. N. of the cor. of secs.
24 and 25, reestablished as hereinbefore described.

38.49 Thence N.89°58'W., on a true line, bet. secs. 24 and 25,
over gently rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ $\frac{S24}{S25}$

1917

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

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

Land, rolling.
Soil, sandy and stony; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°09'E., bet. secs. 23 and 24,
over rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S23 | S24

1917

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

44.60 Old road bears NE. and SW.
50.00 Enter scattering cedar timber, bears E. and W., and desc.
over ground sloping slightly toward the N.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the
ground and 21 ins. in a mound of stone, for cor. of
secs. 13, 14, 23 and 24, marked on brass cap

T18N | R15E
S14 | S13
S23 | S24

1917

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

Land, rolling.
Soil, rocky; 4th rate.
No timber on S. 50 chs. and scattering cedar on remainder
of line.
Undergrowth, sage-brush.
Good grazing.

46

Subdivision of T. 18 N., R. 15 E.

Chains

40.00 S.89°58'W., on a random line, bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
80.10 Intersect N. and S. line 5 lks. S. of the cor. of secs.
14, 15, 22 and 23.

Thence EAST, on a true line, bet. secs. 14 and 23,
over gently rolling land, through scattering sage-brush.
26.00 **Jack's Canyon**, box canyon--course NE. Water in bottom.
33.10 Enter scattering cedar timber, bears N. and S.
40.05 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

$\frac{1}{4}$ $\frac{S14}{S23}$

1917

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

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

Land, rough and broken in canyon, and gently rolling on
remainder of line.
Soil, rocky; 4th rate.
Timber, cedar on E. 47 chs.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°58'E., on a random line, bet. secs. 13 and 24.
Set temp. $\frac{1}{4}$ sec. cor.
77.46 Intersect E. bdy. of Tp. 3 lks. N. of the reestablished
cor. of secs. 13 and 24, hereinbefore described.

Thence N.89°57'W., on a true line, bet. secs. 13 and 24,
over gently rolling land, through scattering sage-brush.
16.75 Old road bears NE. and SW.
27.50 Enter scattering cedar, bears N. and S.
37.46 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

$\frac{1}{4}$ $\frac{S13}{S24}$

1917

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

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

Land, gently rolling.
Soil, rocky; 4th rate.
Timber, cedar on W. 50 chs.
Undergrowth, sage-brush. Good grazing.

33.80 N.0°09'E., bet. secs. 13 and 14,
over gently rolling land, through scattering cedar and
sage-brush.
40.00 **Jack's Canyon**, box canyon--course E. Water in bottom.
Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the
ground and 23 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

$\frac{1}{4}$
S14 | S13
1917

Chains

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

T18N	R15E
S11	S12
S14	S13

1917

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

Land, rolling. Rough and broken in canyon.
Soil, rocky; 3rd rate.
Timber, cedar.
Undergrowth, sage-brush. Good grazing.

40.00 WEST, on a random line, bet. secs. 11 and 14.

80.16 Set temp. ¼ sec. cor.

Intersect N. and S. line 2 lks. N. of the cor. of secs. 10, 11, 14 and 15.

40.08 Thence N.89°59'E., on a true line, bet. secs. 11 and 14, over gently rolling land, through scattering sage-brush.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap

¼	S11
	S14

1917

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

80.16 The cor. of secs. 11, 12, 13 and 14.

Land, gently rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 S.89°57'E., on a random line, bet. secs. 12 and 13.

76.42 Set temp. ¼ sec. cor.

Intersect E. bdy. of Tp. 6 lks. S. of the reestablished cor. of secs. 12 and 13, hereinbefore described.

36.42 Thence WEST, on a true line, bet. secs. 12 and 13, over gently rolling land, through scattering undergrowth of sage-brush.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for ¼ sec. cor., marked on brass cap

¼	S12
	S13

1917

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

Chains

76.42 The cor. of secs. 11, 12, 13 and 14.

Land, rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°09'E., bet. secs. 11 and 12,
over rolling land, through scattering sage-brush.
Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the
ground and 21 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

↓
S11 | S12
1917

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

56.40 Wash, 10 lks. wide, 1 ft. deep, course E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 1, 2, 11 and 12, marked on
brass cap

T18N | R15E
S2 | S1

S11 | S12

1917

and dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, scattering sage-brush. Good grazing.

40.00 S.89°59'W., on a random line, bet. secs. 2 and 11.
Set temp. $\frac{1}{4}$ sec. cor.
80.10 Intersect N. and S. line 2 lks. N. of the cor. of secs.
2, 3, 10 and 11.

23.20 Thence N.89°58'E., on a true line, bet. secs. 2 and 11,
over rolling land, through scattering sage-brush.

40.05 Old road bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

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

S11

1917

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

78.00 Road bears NE. and SW.

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

Land, rolling.
Soil, stony; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

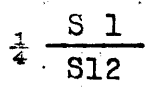
Subdivision of T. 18 N., R. 15 E.

Chains

40.00 EAST, on a random line, bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
75.32 Intersect E. bdy. of Tp. 3 lks. N. of the reestablished cor. of secs. 1 and 12, hereinbefore described.

Thence N.89°59'W., on a true line, bet. secs. 1 and 12, over rolling land, through scattering sage-brush.

.03 Wire fence bears N. and S.
27.90 Wash, 6 lks. wide, 3 ft. deep, course NE.
35.32 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground and 23 ins. in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap



1917

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

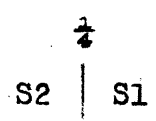
75.32 The cor. of secs. 1, 2, 11 and 12.

Land, rolling.
Soil, sandy; 3rd rate.
No timber.
Undergrowth, sage-brush. Good grazing.

40.00 N.0°09'E., on a random line, bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
81.34 Intersect N. bdy. of Tp. 5 lks. W. of the cor. of secs. 1 and 2, reestablished as hereinbefore described.

Thence S.0°11'W., on a true line, bet. secs. 1 and 2, over rolling land, through scattering sage-brush.

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



1917

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

41.75 Top of bluff bears E. and W. Thence over gently rolling land.

78.25 Road bears NE. and SW.

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

Land, rolling.
Soil, stony and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage-brush. Good grazing.

Boundaries of T. 18 N., R. 15 E.

Latitudes, Departures and Closing
Errors.

Line designated	True Course	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	WEST	480.00				480.00
West Boundary	N.0°06'E.	484.18	484.18		.85	
North Boundary	S.89°41'E.	313.74		1.73	313.74	
	S.89°28'E.	160.32		1.49	160.32	
East Boundary	S.0°35'E.	440.42		440.40	4.48	
	S.0°13'W.	40.26		40.25		.15
Convergency					.51	
Totals			484.18	483.97	479.99	480.15
			483.87			479.90
Error in latitude			.31			
						.25
	Error in departure .25					

General Description of T. 18 N., R. 15 E.

SURFACE: The surface varies from level to rolling, and is broken in the SE. portion by Clear Creek and Jack's Canyons, which are very deep, with precipitous sides. Clear Creek Canyon in particular can be crossed only at widely separated points.

SOIL: The soil is for the most part shallow, sandy and stony; 3rd and 4th rate. It is underlaid by limestone and sandstone at depths of from 2 ins. to 2 ft.

VEGETATION: The township is covered with a good growth of grass suitable for grazing purposes and a scattering growth of sage-brush. A scant growth of cedar is found in a few localities, and some cottonwood and walnut occur in the canyons.

WATER: Clear Creek canyon contains a stream of water from 20 to 50 lks. wide and a foot deep. Jack's Canyon contains standing water and at some seasons a stream.

MINERAL: No indications of valuable mineral were noted.

SETTLERS AND IMPROVEMENTS: There are no settlers. unimproved roads, mostly leading in a northeasterly direction towards Winslow cross different parts of the township.

Book "A"
 Group 79 - - Arizona.
 Township 18 North, Range 15 E.
DATE DIAGRAM.

Resurveyed

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

1-21&26-17
 1-21&26-17
 1-21&26-17
 1-21&27-17
 1-21&27-17
 1-25-17

RESURVEYED

Resurveys and surveys executed on dates shown in red on above diagram by John F. Hesse, U.S. Surveyor.

Resurveys and surveys executed on dates shown in black on above diagram, by William L. Nash, U.S. Transitman.

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BOOK 3363

CERTIFICATE OF UNITED STATES SURVEYOR.

I, John F. Hesse, 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 West boundary of TOWNSHIP 18 NORTH, RANGE 16 EAST, and SURVEYED all those parts or portions of the South and West boundaries of TOWNSHIP 18 NORTH, RANGE 15 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 51 hereof} as having been executed by me, and under my direction; and that all the corners of 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 ^{re-}such survey. and survey.

Las Vegas, Nevada
May 14, 1920

John P. Hesse
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.

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~

RECORDED 5663

I, William L. Nash, 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 West boundary of Township 18 North, Range 16 East, and South bdy. of Township 19 North, Range 15 East, and SURVEYED all those parts or portions of the West bdy. and Subdivision lines of Township 18 North, Range 15 East, of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 51 hereof} /as having been executed by me, and under my direction; and that all the corners of 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 ^{resurvey and} such survey.

William L. Nash

U. S. Surveyor.
Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, June 16, 1920.

The foregoing field notes of the ^{re-} survey of the West boundary of TOWNSHIP 18 NORTH, RANGE 16 EAST, and South bdy. of TOWNSHIP 19 NORTH, RANGE 15 EAST, and Survey of the South and West boundaries, and Subdivision lines of TOWNSHIP 18 NORTH, RANGE 15 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by John F. Hesse, U. S. Surveyor, & Wm. L. Nash, U. S. Transitman, under ~~his~~ special instructions dated Dec. 1, 1916, for Group 79, Arizona, ~~and~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re} surveys ^{and surveys} they describe, are hereby approved.

Franz D. Joch

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.~~