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BOOK 3397

FIELD NOTES

OF THE SURVEY OF THE

West and North Boundaries, and

Subdivisional Lines,
of

TOWNSHIP 3 SOUTH, RANGE 15 EAST,

3397

3397

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

WILLIAM B. KIMMEL,

U. S. Cadastral Engineer,

~~In the capacity of U. S. Surveyor~~, under Special Instructions dated October 31, 1917,

issued by the United States Surveyor General to govern surveys included in Group

No. 71, which were approved by the Commissioner of the General Land

Office, November 16, 1917, and Assignment Instructions dated April 14, 1918, and February 24, 1919.

Survey commenced May 3rd, 1918.

Survey completed June 19th, 1919.

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 (A)

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BOOK 3397

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3397
Book "G"

Group 71 - - - - Arizona.
Township 3 South, Range 15 East.
DATE DIAGRAM.

BOOK 3397

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Accepted Survey

Surveys executed by William B. Kimmel, U.S. Surveyor,
on the dates shown on above diagram.

Surveys hereinafter described, executed by William B. Kimmel, U. S. Cadastral Engineer, on dates shown on diagram on page 1, hereof using a Young and Sons light mountain transit, No. 8540, with Smith's solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was approved by the assistant supervisor of surveys, April 14, 1918, conditional upon satisfactory field tests.

Examine the adjustments of the transit, and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a. m. and p. m. hours, with a meridian determined by observation on Polaris, proceed as follows:

At a point near the $\frac{1}{4}$ sec. cor. secs. 1 and 2, T. 4 S., R. 15 E., G. & S. R. M.; latitude $33^{\circ} 06\frac{1}{2}'$ N. longitude $110^{\circ} 46'$ W., at 5h 11m a. m., l. m. t., April 28, 1918, observe polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, about 8 chs. N. of station.

April 28, 1918: At 8h a. m., l. m. t., lay off the azimuth of Polaris, $1^{\circ} 21'$ to the west, and mark the meridian thus determined on a peg driven in the ground, about 8 chs. N. of station.

At 8h 5m a. m., l. m. t., set off $33^{\circ} 06\frac{1}{2}'$ N. on the lat. arc; $14^{\circ} 02'$ N. on the decl. arc; and determine a meridian with the solar, which agrees within $\frac{1}{2}'$ of the meridian as determined by Polaris observation.

At 12h 2m 30s p. m. l. m. t., make a meridian observation of the sun for latitude, observed altitude = $70^{\circ} 57'$, reduced latitude = $33^{\circ} 06\frac{1}{2}'$ N.

At 4h p. m., l. m. t., set off $33^{\circ} 06\frac{1}{2}'$ N. on the lat. arc; $14^{\circ} 06'$ N. on the decl. arc; and determine a meridian with the solar, which agrees within $\frac{1}{2}'$ of the meridian as determined by Polaris observation.

The three meridians agreeing within $1'$ of arc, conclude that the adjustments of the instrument are satisfactory.

April 28, 1918.

Unless otherwise specified all measurements are made with a Lufkin 5 chain steel tape found correct by comparison with a Lufkin standard steel tape. The measurements are made on the slope, the vertical angles determined with transit or clinometer, and the slope measurements properly reduced to true horizontal distances.

The instrument was maintained in adjustment throughout the survey, by frequent tests.

Survey of West Boundary of Township 3 South, Range 15 East.

Chains.

From the cor. of Tps. 3 and 4 S., R. 15 E., on the E. bdy. of sec. 36, T. 3 S., R. 14 E., which is an iron post described in Book "F" (6.38 chs. N. from cor. of Tps. 3 and 4 S., R. 14 E.)
 North, on the W. bdy. of sec. 31.
 Over mts. land, through scattering undergrowth. Desc. 25 ft. over steep rolling E. slope to
 11.20 Spur, slopes E., desc. 125 ft. over N. slope,
 17.10 Gulch, course E. desc. slightly over E. slope to
 20.20 Gulch, course SE., ascend 180 ft. over SW. slope to
 33.62 (40.00 chs. N. from cor. of Tps. 3 and 4 S., R. 14 E.) Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 36 only, with brass cap marked

1
S 36
1918

from which

A mesquite, 10 ins. diam., bears S. 18° W., 202 lks. dist., marked "1/4 S 36 BT", no other trees available, and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Asc, 30 ft. over SW. slope.
 36.40 Spur, slopes W., descend 60 ft. over NW. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bed rock, supported by a mound of stone, for 1/4 sec. cor. of sec. 31 only, with brass cap marked

1
S 31
1918

from which

A mesquite, 10 ins. diam., bears N. 26 1/2° E., 293 lks. dist., marked "1/4 S 31 BT", no other trees available, and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Desc. 35 ft. over SW. slope.
 42.00 Trail, bears NE. and SW.
 42.20 Gulch, course SW., asc. 540 ft. over S/ slope to
 66.40 Top of main ridge of Mescal Mts., bears E. and W., desc. 50 ft. over NE. slope to
 69.70 Top of cliff, 60 ft. high, bears E. and W., facing N.
 From foot of cliff desc. 190 ft over NE. slope to
 73.62 (80.00 chs. N. from cor. of Tps. 3 and 4 S., R. 14 E) Set an iron post, 3 ft. long, 2 ins. diam., on bed rock supported by a mound of stone, for the cor. of secs. 25 and 36, only, with brass cap marked

T3S
S25
S36
R14E
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Desc. 145 ft over NE. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bed rock, supported by a mound of stone, for the cor. of secs. 30 and 31 only, with brass cap marked

T3S
S30
S31
R15E
1918

from which

A cedar, 12 ins. diam., bears S. 4° E., 52 lks. dist. marked "T 3 S R 15 E. S 31 BT." no other trees available, and raise a mound of stone, 3 ft. base, 2 ft high, E. of cor.

Survey of West boundary of T. 3 S. R. 15 E.

Chains

Land, mountainous.
Soil, stony granite and quartz formation, 4th rate.
Timber, very scattering mesquite and cedar.
Undergrowth, scattering cedar, catclaw, mesquite, cacti,
palomverde, coffee and scrub oak brush. Some dense
patches of same.
Fair grass.

-
- North, on the W. bdy. of sec. 30.
Over mountainous land, thru dense undergrowth and scattering timber. Desc. 10 ft. over NE. slope.
- .30 Spur, slopes NE., desc. 520 ft. over NW. slope,
16.05 Gulch, course NE., asc. 175 ft. over SE. slope.
19.75 Trail, bears NE. and SW.; a spring, bears E., about 10
chs. dist.
- 23.60 Spur, slopes E., and turns N. about 2 chs. E. of line.
Desc. 350 ft. over N. slope, to
33.62 (40.00 chs. N. from cor. of secs. 25 and 36) Set an iron
post, 3 ft. long, 1 in. diam., 26 ins. in the ground
for $\frac{1}{4}$ sec. cor of sec. 25 only, with brass cap marked
- $\frac{1}{4}$
 S25
 |
 1918
- and raise a mound of stone 3 ft. base, 2 ft. high, W.
of cor.
A spring, bears N. 68° W., about 12 chs. dist.
Desc. 165 ft. over NW. slope to
39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground for witness cor. to $\frac{1}{4}$ sec. cor. of sec.
30 only, with brass cap marked
- WC
 |
 $\frac{1}{4}$
 S30
 |
 1918
- from which
A cedar, 8 ins. diam., bears N. 57° E., 172 lks. dist.,
marked " $\frac{1}{4}$ S 30 WC BT", no other trees available
Raise a mound of stone, 3 ft. base, 2 ft. high, E. of
cor.
- 40.00 True point for $\frac{1}{4}$ sec. cor. of sec. 30 falls on sloping
rock, impracticable to set permanent $\frac{1}{4}$ sec. cor.
40.10 Bottom of Gulch, course NE., ascend 15 ft. over SE. slope,
40.60 Rim of gulch, bears NE. and SW., Leave mountainous and
enter rolling land. Desc. 135 ft. over rolling E. slope.
- 45.30 Trail, bears E. and W.
47.00 Same Gulch, course NW., Desc. 25 ft. over W. slope to
49.50 Same gulch, course NE. Desc. 30 ft. over E. slope
52.00 Trail, bears NW. and SE.
52.20 Same Gulch, course NW. Desc. 60 ft. over W. slope.
53.50 An old arastra, bears W. about 1 ch. dist.
55.75 Spring, bears W. about 30 lks. dist.
56.50 Wire fence bears NW. and SE.
57.20 Same gulch, course NE., Desc. 115 ft. over E. slope to
60.00 Foot of desc. Leave rolling and enter level land in
Dripping Springs Valley, bears E. and W.
- 62.50 Old road, bears E. and W.
63.00 Prospect tunnel, bears W. about 5 chs. dist.
64.30 S. edge of Dripping Springs Wash, bears NW. and SE.,
Thence across said wash, course SE.
- 64.30 Road, bears N.W. and SE. (Troy to Globe)
72.30 N. edge of Dripping Springs Wash, bears NW. and SE. Leave
said wash and enter rolling land. Asc. 45 ft over SW.
slope to
73.62 (80.00 chs. N. from cor. of secs. 25 and 36) Set an iron
post, 3 ft. long, 2 ins. diam., 24 ins. in the ground
for the cor. of secs. 24 and 25 only, with brass cap
marked

Survey of West Boundary of T. 3 S. R. 15 E. BOOK 3397

Chains.

T3S
S24
S25
R14E
1918

from which
A mesquite, 6 ins. diam., bears S. 23 1/2 W., 31 lks. dist., marked " 3 S R 14 E S 25 B T ", no other tree available, raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Asc. 205 ft. over SW. slope to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bed rock, supported by a mound of stone for the cor. of secs. 19 and 30 only, with brass cap marked

T3S
S19
S30
R15E
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Land, mountainous, rolling and level.
Soil, stony, 3rd and 4th rate. Lime, granite and quartz formation.
Timber, very scattering mesquite and cedar.
Undergrowth, scattering cedar, catclaw, mesquite, palo verde, cacti, greasewood, coffee and scrub brush, which is dense in patches.
Fair grass.

North, on the W. bdy. of sec. 19.
Over mts. land, thru scattering undergrowth. Asc. 150 ft. over SW. slope.
4.50 Ridge, bears NW. and SE., desc. 125 ft. over NE. slope.
14.10 Head of draw, course E., asc. 20 ft. over S. slope.
16.00 Spur, slopes E., desc. 80 ft. over N. slope.
19.00 Drain, 10 lks. wide, 3 ft. deep, course E., asc. 10 ft. over S. slope.
21.00 Point of spur, slopes E., desc. 75 ft. over N. slope.
24.40 Wire fence, bears NE. and SW.
26.30 Drain, 15 lks. wide, 4 ft. deep, course E., asc. 70 ft. over S. slope.
30.50 Spur, slopes E., desc. 40 ft. over NE. slope to
33.62 (40.00 chs. N. from cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 24 only, with brass cap marked

1/4
S24
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Desc. 50 ft. over NE. slope to
38.40 Point of spur, slopes NE., desc. 65 ft. over N. slope to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 19 only, with brass cap marked

1/4
S19
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Desc. 15 ft. over N. slope.
44.50 Wash, 20 lks. wide, 2 ft. deep, course SE., asc. 120 ft. over SW. slope/
55.00 Ridge, bears NW. and SE., Thence along E. slope of same near top, bearing N. and S. Asc. 80 ft.
65.20 Wire fence, bears Nw and SE.

Survey of the West boundary of T. 3 S. R. 15 E.

69.20 Top of asc. Ridge W. of line turns NW., desc. 35 ft. over NE. slope to
 73.62 (80.00 chs. N. from cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 13 and 24 only, with brass cap marked

T3S
 S13
 S24
 R14E
 1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

79.40 Desc. 55 ft. over NE. slope. Drain, 8 lks. wide, 1 ft. deep, course SE. Asc. slightly over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 18 and 19 only, with brass cap marked

T3S
 S18
 S19
 R15E
 1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, mountainous.
 Soil, igneous and conglomerate formation, 3rd and 4th rate.
 No timber.
 Undergrowth, catclaw, mesquite, cacti, palo verde, grease wood, coffee and scrub oak brush. Dense in patches.
 Fair grass.

North, on the W. bdy. of sec. 18.
 Over rolling land, thru scattering undergrowth, asc. 130 ft. over SW. slope.

16.50 Spur, slopes SE., desc. 70 ft. over NW. slope.

19.60 Wash, 30 lks. wide, course SW., asc. 85 ft. over SW. slope.

30.20 Point of spur, slopes W., desc. 30 ft. over rolling W. slope.

33.62 (40.00 chs. N. from cor. of secs. 13 and 24. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap marked

$\frac{1}{4}$
 S13

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor., asc. 40 ft. over S. slope to

34.90 Point of spur, slopes SW., asc 15 ft. over W. slope to
 37.90 Drain, 8 lks. wide, 2 ft. deep, course SW., asc. 10 ft. over SE. slope to

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

$\frac{1}{4}$
 S18

1918

and raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

Asc. 100 ft. over SE. slope.
 44.75 Spur, slopes SW., desc. 125 ft. over NW. slope.
 54.65 Wash, 30 lks. wide, 4 ft. deep, course SW., asc. 65 ft. over S. slope to
 58.00 Spur, slopes SE., asc. 85 ft. over SE. slope to

Survey of West boundary of T. 3 S. R. 15 E.

BOOK 3397

Chains.

64.70 Ppoint of spur, slopes SE., desc. 70 ft. over NE. slope.
 69.30 Drain, 15 lks. wide, 3 ft. deep, course SE., asc. 85 ft. over SW. slope to
 73.62 (80.00 chs. N. from cor. of secs. 13 and 24) Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock supported by a mound of stone, for the cor. of secs. 12 and 13 only, with brass cap marked

T3S
 S12
 S13
 R14E
 1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Asc. 50 ft. over SW. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 7 and 18 only, with brass cap marked

T3S
 S7
 S18
 R15E
 1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Land, rolling.
 Soil, rocky conglomerate formation, 3rd and 4th rate.
 No timber.
 Undergrowth, scattering cat claw, mesquite, palo verde, cacti, greasewood, coffee and scrub oak brush which is dense in patches.
 Fair grass.

 North, on the W. bdy. of sec. 7.
 Over rolling land, thru scattering undergrowth. Asc. 190 ft over SW. slope to

9.60 Spur, slopes SE., Desc slightly over E. slope to
 13.00 Head of drain, course SE. Asc. 10 ft. over SE. slope.
 15.50 Spur, slopes SE., desc. 65 ft. over NE. slope.
 19100 Head of drain, course SE., asc. 90 ft. over SW. slope.
 22.50 Spur, slopes SE., desc. 30 ft. over E. slope.
 29.70 Head of drain, course SE., asc. 95 ft. over SW. slope.
 32.50 Spur, slopes SE., desc. 15 ft. over NE. slope to
 33.62 (40.00 chs. N. from cor. of secs. 12 and 13) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor. of sec. 12 only, with brass cap marked

$\frac{1}{4}$
 S12

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Desc. 25 ft. over NE. slope
 37.50 Head of drain, course E., asc. 30 ft. over S. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked

$\frac{1}{4}$
 S7

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Asc. 15 ft. over SW. slope to
 41.00 Spur, slopes SE., asc. 90 ft. over E. slope to
 66.00 Ridge bears N. 10° E. and S. 10° W., thence along W. slope of same near top.

Survey of West boundary of T. 3 S. R. 15 E.

Chains.

72.60 Asc. 125 ft. to Same ridge, bears N. 10° W. and S. 10° E., Desc, slightly over NE. slope to

73.62 (80.00 chs. N. from cor. of secs. 12 and 13) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 1 and 12 only with brass cap marked

T3S
S1
S12
R14
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Desc. 80 ft. over NE. slope to Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bed rock, supported by a mound of stone for the cor. of secs 6 and 7 only, with brass cap marked

T3S
S6
S7
R15E
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling.

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

No timber.

Undergrowth, scattering catclaw, mesquite, palo verde, ocotilla, cacti, mescal, greasewood, coffee and scrub oak brush. Dense in patches.

Fair grass.

North, on W. bdy. of sec. 6.

Over rolling land, thru scattering undergrowth. Desc. 30 ft. over NE. slope.

1.20 Draw, course SE., asc. 170 ft. over S. slope to

7.20 Spur, slopes E. Thence along rolling E. slope. Asc. 90 ft. to

33.62 (40.00 chs. N. from cor. of secs. 1 and 12) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 1 only, with brass cap marked.

1/4
S1

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W of cor. Asc. slightly over E. slope.

35.00 Ridge, bears N. 15° E. and S. 15° W., Thence over W. slope of same near top. Desc. 20 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of sec. 6 only, with brass cap marked

1/4
S6

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Desc.. 20 ft. over W. slope.

42.90 Head of gulch, course SW., asc. 210 ft. over S. slope.

56.00 Top of same ridge, crossed at 35 chs. station, bears N. and SE., Thence along top of ridge. Asc. 45 ft. to

63.00 Leave top of ridge, bears NE. and S., desc. 55 ft. over NW. slope.

68.80 Head of draw, course SW., asc. 50 ft. over S. slope.

73.62 (80.00 chs. N. from cor. of secs. 1 and 12) Set an iron

Survey of West boundary of T. 3 S. R. 15 E.

Chains.

post, 3 ft. long, 3 ins. diam., 24 ins. in the ground for the cor. of Tp's. 2 and 3 S., R. 14 E. only, with brass cap marked

T2S
S36
R14E S1
T3S
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

76.00
80.00

Asc. 45 ft. over S. slope to Spur, slopes SW., asc. 20 ft. over SW. slope to Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground to bed rock, supported by a mound of stone for the cor. of Tp's. 2 and 3 S., R. 15 E. only, with brass cap marked

T2S
S31
S6 R15E
T3S
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling.
Soil, stony lime and conglomerate formation, 3rd and 4th rate.
No timber
Undergrowth, scattering catclaw, mesquite, palo verde, ocotilla, cacti, mescal, greasewood, coffee and scrub oak brush. Dense in patches.
Fair grass.

Survey of North boundary of T. 3 S., R. 15 E.

From the original cor. of Tp's. 2 and 3 S., R's. 15 and 16 E, which is a 3 in. iron post, firmly set. West, on a random line, along the N. bdy. of Tp. 3 S1, R. 15 E., setting temp. 1/4 sec. and sec: cors. at intervals of 40.00 chs.; and, at 478.65 chs., fall 15 lks. N. of the cor. of Tp's. 2 and 3 S., R. 15 E., an iron post, herein before described. The falling answers to a correction of 0°01', or 2 1/2 lks. S. per mile, counting from the NE. cor. of the Tp.; therefore from the cor. of Ts. 2 and 3 S., R. 15 E.

4.60
19.40
24.15
28.50
35.70
38.65

N. 89° 59' E., on a true line bet. secs, 6 and 31. Over mts. land, thru scattering undergrowth. Asc. 60 ft. over W. slope. Ridge, bears N. and S., descend 320 ft. over E. slope. Gulch, course S., ascend 55 ft. over W. slope. Spur, slopes S., desc. 145 ft. over SE. slope. Gulch, course SW., with a small intermittent stream of clear water; asc. 230 ft. over NW. slope. Ridge, bears NE. and SW., desc. 30 ft. over SE. slope to Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground for 1/4 sec. cor., with brass cap marked

S31
1/4
S6
1918

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

50.25
58.15
63.00
70.67
78.65

Desc. 110 ft over SE. slope. Gulch, course SW., asc. 185 ft. over NW. slope. Spur, slopes SW., desc. 110 ft. over E. slope. Gulch, course S., asc. 165 ft. over W. slope. Ridge and road, bears N. and S., Globe-Winkelman; desc. 100 ft. over E. slope to Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the

10.

Survey of North boundary of T. 3 S., R. 15 E.

Chains.

ground to bed rock, supported by a mound of stone, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T2S R15E	
S31	S32
S6	S5
T3S	
1919	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, stony lime and conglomerate formation, 3rd and 4th rate.

No timber.

Undergrowth, scattering catclaw, mesquite, palo verde, ocotilla, cacti, mescal, greasewood, coffee and scrub oak brush. Dense in patches.

Fair grass.

N. 89° 59' E., on a true line bet. secs. 5 and 32. Over mts. land, thru scattering undergrowth. Desc 35 ft. over E. slope.

- 1.10 Gulch, course S., asc. 465 ft. over W. slope,
- 26.70 Ridge, bears N. and S., desc. 135 ft. over E. slope.
- 37.00 Head of gulch, course S., asc. 15 ft. over W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, supported by a mound of stone for 1/4 sec. cor. with brass cap marked.

S32	
1/4	
S 5	
1919	

from which

A mesquite, 6 ins. diam., bears N. 87 1/2° W., 265 lks. dist., marked "1/4 S 32 B.T.", no other tree available, and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Asc. 200 ft. over W. slope.

- 51.00 Ridge, bears N. and S., desc. 715 ft. over E. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 4, 5, 32 and 33, with brass cap marked

T2N R15E	
S32	S33
S 5	S 4
T3S	
1919	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, stony lime and conglomerate formation, 4th rate.

Undergrowth, scattering catclaw, mesquite, ocotilla, cacti, mescal, greasewood, palo verde, coffee and scrub oak brush. Some dense patches.

Fair grass.

Timber, very scattering mesquite.

N. 89° 59' E., on true line bet. secs. 4 and 33. Over mts. land, thru scattering undergrowth. Desc. 235 ft. over E. slope.

- 18.10 Picket fence, bears N. and S.
- 20.00 Goat shed, bears S., about, 1 ch. dist.
- 21.60 Picket fence, bears N. and S.
- 21.80 Pioneer gulch, with small stream of clear water, course S., asc. 125 ft. over broken W. slope to 1/4 sec. cor.

Survey of North boundary of T. 3 S., R. 15 E.

DOK 3897

Chains.

22.00 T. A. Davis house bears S. about 3 chs. dist.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

S33
1/4
S 4
1919

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Asc. 100 ft. over W. Slope.

45.90 Spur, slopes S., desc. 160 ft. over E slope.

55.00 Gulch, course S., asc. 410 ft. over SW, slope.

78.50 Top of asc. bears N. and S. Desc. 5 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 3, 4, 33, and 34, with brass cap marked

T2S R15E
S33 S34
S 4 S 3
1919

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, stony lime and igneous formation, 3rd and 4th rate.

No timber.

Undergrowth, scattering cat claw, mesquite, palo verde, cacti, mescal, ocotilla, greasewood, coffee and scrub oak. Some dense patches,

Fair grass.

N. 89° 59' E., on true line bet. secs. 3 and 34.

Over mts. land, thru scattering undergrowth. Desc. 10 ft. over S. slope to

1.50 Desc. 400 ft. over E. slope.

15.40 Silver Creek, 50 lks. wide, 6 ft. deep, course S., with small stream of clear water. Asc. 460 ft over W. slope.

30.90 Ridge, bears N. and S., desc. 170 ft. over E. slope to 1/4 sec. cor.

35.40 Carters ranch, bears S. 45° E., about 15 chs. dist.

39.20 Road, bears N. and S., Globe & Winkelman.

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

S34
1/4
S 3
1919

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

40.15 Draw, course SE., Desc. 5 ft. over S. slope to.

42.30 Draw, course S., asc. 220 ft. over W. slope.

43.95 Trail, bears N. and S.

49.40 Top of round Butte, desc. 180 ft. over E. slope.

54.65 El Capatan Creek, course S., with a small stream of clear water. Asc. 270 ft. over W. slope to

62.80 Asc. 70 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. the ground for the cor. of secs. 2, 3, 34 and 35, with brass cap marked

T2S R15E
S34 S35
S 3 S 2
T3S
1919

from which

An oak, 18 ins. diam., bears S. 3° E., 489 lks. dist., marked "T3 S R 15 E S 2 BT.", no other tree available and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Survey of North boundary of T. 3 S., R. 15 E.

Chains.

Land, mountainous.
 Soil, stony lime and igneous formation, 3rd and 4th rate.
 No timber except a very scattering growth of oak near
 E. end of mile.
 Undergrowth, scattering catclaw, mesquite, cacti, mescal,
 ocotilla, greasewood, palo verde, coffee and scrub oak
 brush. Some dense patches.
 Fair grass.

N. 89° 59' E., on true line bet. secs. 2 and 35.
 Over mts. land, thru dense undergrowth and scattering
 timber. Asc. 190 ft. over SW. slope.
 Ridge, bears NE. and SW., desc. 165 ft. over SE. slope.
 Gulch, course SW., asc. 145 ft. over NW. slope to
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground for 1/4 sec. cor., with brass cap marked

20.00
35.15
40.00

S35
 1/4
 S2
 1919

from which
 An oak, 6 ins. diam., bears S. 29 1/2° W., 147 lks. dist.
 marked "1/4 S 2 BT"
 An oak, 6 ins. diam., bears N. 47° W., 194 lks. dist.,
 marked "1/4 S35 BT". asc. 240 ft. over NW. slope

50.00
58.25
80.00

Ridge, bears NE. and SW.; desc. 65 ft. over SE. slope.
 Gulch, course SW., asc. 415 ft. over rolling broken W.
 slope to
 Set an iron post, 3 ft. long, 2 ins. diam., 11 ins. in
 the ground to bed rock supported by a mound of stone for
 the cor. of secs. 1, 2, 35 and 36, with brass cap marked

T2S R15E
 S35 | S36
 S 2 | S 1
 T3S
 1919

from which
 An oak, 10 ins. diam., bears N. 12 1/2° W., 158 lks. dist:
 mkd. "T 2 S R 15 E S 35 B T"
 An oak, 12 ins. diam., bears N. 68 1/4° E., 144 lks. dist.
 mkd. "T 2 S R 15 E S 36 B T"., no other trees avail-
 able, and raise a mound of stone, 3 ft. base, 2 ft. high,
 W. of cor.

Land, mountainous.
 Soil, stony, lime and igneous formation, 3rd and 4th rate.
 Undergrowth, dense catclaw, mesquite, mahogany, coffee,
 and scrub oak brush.
 Timber, scattering oak, sycamore, cottonwood, cedar and
 pine.
 Fair grass.

N. 89° 59' E., on a true line bet. secs. 1 and 36.
 Over mts. land, thru dense undergrowth and scattering
 timber. Asc. 415 ft. over NW. slope.
 Wire fence, bears N. and S.
 Ridge, bears NE. and SW., desc. 190 ft. over SE. slope to
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground for 1/4 sec. cor., with brass cap marked

27.95
28.65
40.00

S36
 1/4
 S 1
 1919

from which
 An oak, 8 ins. diam., bears S. 21° W., 126 lks. dist.
 marked "1/4 S 1 BT", no other tree available.

Survey of North boundary of T. 3 S., R. 15 E.

BOOK 3297

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Desc. 160 ft. over SE. slope to.
 45.50 Gulch, course NE. Asc. 65 ft. over rolling N. slope.
 68.10 Desc. 90 ft. over NE. slope to
 80.00 Intersect the original cor. of Tps. 2 and 3 S., R's. 15 and 16 E., which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the U. S. Surveyor General.

Land, mountainous.
 Soil, stony, lime and igneous formation, 3rd and 4th rate.
 Undergrowth, dense catclaw, mesquite, mahogany, chimeisal, coffee and scrub oak brush, and manzanita.
 Timber, scattering oak, cedar and pine.
 Fair grass.

 Subdivision of T. 3 S., R. 15 E.

From the cor. of secs: 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post described in book "F".
 N. 0° 01' W., bet. secs. 35 and 36.
 Over rolling land, thru dense undergrowth. Asc. 5 ft. over SE. slope to
 1.70 Wash, 80 lks. wide, 3 ft. deep, course SE. Asc. 95 ft. over W. slope to.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins., in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Asc. 20 ft. over W. slope to
 46.10 Same wash, 75 lks. wide, 4 ft. deep, course SW. Asc. 100 ft. over S. slope to
 59.00 Point of ridge, bears N. and S. Thence on top of ridge Asc. 65 ft. to
 62.00 Leave top of ridge, Thence along E. slope of same near top. Asc. 80 ft. to.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 25, 26, 35 and 36, with brass cap marked

T3S R15E
 S26 | S25
 S35 | S36
 1918

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, gravelly, 3rd and 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, cacti, palo verde, spanish dagger, coffee and scrub oak brush.
 Fair grass.

 N. 89° 52' E., on a random line bet. secs. 25 and 36.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 79.99 Fall 14 lks. N. of the original cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is an iron post 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 Thence
 S. 89° 58' W., on a true line bet. secs. 25 and 36.

Subdivision of T. 3 S. R. 15 E.

Chains.

Over rolling land, thru dense undergrowth. Asc. 16 ft. over E. slope.
 .80 Ridge, bears NE. and S., desc. 80 ft. over W. slope to.
 5.20 Wash, 30 lks. wide, 15 ft. deep, course SW., Thence over S. slope to
 9.65 Wash, 40 lks. wide, 12 ft. deep, course S., asc. 115 ft. over E. slope.
 15.00 Ridge, bears N. and S., desc. 155 ft. over W. slope.
 23.80 Wash, 20 lks. wide, 6 ft. deep, course SW., Thence over S. slope to
 35.00 Asc. 80 ft. over E. slope to.
 39.99 $\frac{1}{4}$ Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S25
 $\frac{1}{4}$ ———
 S36
 1918

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

Asc. 10 ft. over E. slope.
 45.00 Ridge, bears N. and S., desc. 90 ft. over NW. slope to
 57.00 Wash 20 lks. wide, 3 ft. deep, course SW. Desc. 50 ft. over SW. slope.
 66.60 Wash, 40 lks. wide, 6 ft. deep, course SW., asc. 50 ft. over SE. slope.
 73.50 Point of spur, slopes SE., Desc. 25 ft. over SW. slope.
 76.40 Drain, 12 lks. wide, 2 ft. deep, course S. Asc. 60 ft. over E. slope to
 79.99 The cor. of secs. 25, 26, 35 and 36.

Land, rolling.
 Soil, gravelly, 3rd and 4th rate, conglomerate formation.
 No timber
 Undergrowth, dense catclaw, mesquite, ocotilla, palo verde, cacti, coffee and scrub oak brush.
 Fair grass.

 N. 0° 01' W. bet. secs. 25 and 26.
 Over rolling land, thru dense undergrowth. Asc. 35 ft. over E. slope of ridge near top.

17.70 Cross top of ridge, bears nearly N. and S., Thence over W. slope of ridge near top. Desc. 90 ft. to
 25.00 Head of draw, course SW., Top of ridge turns to the NE. Asc. 75 ft. over SW. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S26 | S25

1918

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

Asc. 30 ft. over SW. slope to
 55.50 Wash, 12 lks. wide, 3 ft. deep, course SW. Asc. 30 ft. over E. slope to
 62.40 Same wash, 12 lks. wide, 3 ft. deep, course SE., asc. 90 ft. over S. slope to
 70.00 Point of spur, slopes SW., asc. 65 ft. over W. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

E3S | R15E
 S23 | S24
 S26 | S25
 1918

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

chains.

Land, rolling.
 Soil, gravelly, 3rd and 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, paloverde, ocotilla,
 cacti, greasewood, coffee and scrub oak brush.
 Fair grass.

- 40.00 N. 89° 58' E., on a random line bet. secs. 24 and 25.
- 80.02 Set temp. $\frac{1}{4}$ sec. cor.
- Fall 7 lks. N. of the cor. of secs. 19, 24, 25 and 30,
 on the E. bdy. of the Tpl., which is an iron post, 3
 ins. diam., 12 ins. above ground, firmly set, marked
 and witnessed as described by the surveyor general.
- Thence
- N. 89° 59' W., on a true line bet. secs. 24 and 25.
- Over rolling land, thru dense undergrowth. Desc. 207 ft.
 over W. slope.
- 9.50 Draw, 30 lks. wide, course SW. and asc. 143 ft. over SE. slope.
- 16.00 Ridge, bears NE. and SW., desc. 58 ft. over NW. slope.
- 20.50 Wash, 15 lks. wide, 2 ft. deep, course SW., asc. 64 ft.
 over SE. slope.
- 24.00 Point of spur, slopes SW., desc. 117 ft. over NW. slope.
- 29.40 Gulch, 15 lks. wide, course SW., asc. 105 ft. over SE. slope
- 34.00 Ridge bears NE. and SW., desc. 46 ft. over NW. slope to
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground to bed rock, supported by a mound of stone
 for $\frac{1}{4}$ sec. cor., with brass cap marked

S24
 $\frac{1}{4}$ ———
 S25
 1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
 N. of cor.
 Desc. 160 ft. over W. slope.

- 46.30 Wash, 15 lks. wide, course SW., asc. 15 ft. over SE. slope
- 49.00 Point of spur, slopes SW., desc. 42 ft. over W. slope.
- 55.10 Wash, 40 lks. wide, 10 ft. deep, course S., asc. 102 ft.
 over E. slope.
- 62.50 Ridge, bears N. and S., desc. 25 ft. over W. slope.
- 70.00 Head of draw, course SW., asc. 25 ft. over E. slope.
- 75.00 Spur, slopes S., desc. 25 ft. over W. slope to
- 80.02 The cor. of secs. 23, 24, 25 and 26.

Land, rolling and mountainous.
 Soil, gravelly, 3rd and 4th rate, conglomerate formation
 No timber.
 Undergrowth, dense catclaw, mesquite, coffee brush,
 ocotilla, cacti; palo verde, greasewood and scrub oak.
 Fair grass.

- N. 0° 01' W., bet. secs. 23 and 24.
- Over rolling and mts. land, thru dense undergrowth. Asc.
 53 ft. over W. slope to.
- 8.30 Desc. 18 ft. over NW. slope.
- 9.90 Wash, 25 lks. wide, 4 ft. deep, course SW. From N., Thence
 in wash. Asc. 93 ft. to
- 25.00 Leave wash, course S. from NW. Asc. 194 ft. over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the
 the ground to bed rock, supported by a mound of stone
 for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S23 | S24
 1918

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

Subdivision of T. 3 S. R. 15 E;

Chains.

45.00 Asc. 56 ft. over SW. slope to
 60.70 Asc. 40 ft. over W. slope to
 Same wash, 15 lks. wide, 2 ft. deep, course SW., asc.
 325 ft. over SE. slope.
 79.00 Ridge, bears NE. and SW. Desc. slightly over top of
 ridge to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in
 the ground to bed rock, supported by a mound of stone
 for the cor. of secs. 13, 14, 23 and 24, with brass
 cap marked.

T3S. R15E
 S14 | S13
 S23 | S24
 1918

and raise a mound of stone, 2½ ft. high, 1½ ft. high,
 W. of cor.
 Land, rolling and mountainous.
 Soil, stony, 4th rate; conglomerate formation.
 No timber.
 Undergrowth, dense palo verde, catclaw, mesquite, ocotilla
 cacti, spanish dagger, coffee and scrub oak brush.
 Fair grass.

40.00 S. 89° 59' E., on a random line bet. secs. 13 and 24.
 79.96 Set temp. ¼ sec. cor.
 Fall 2 lks. N. of the original cor. of secs. 13, 18, 19
 and 24 on the E. bdy. of the Tp., which is an iron
 post, 3 ins. diam., 12 ins. above ground, firmly set,
 marked and witnessed as described by the surveyor
 general.

Thence
 N. 89° 58' W., on a true line bet. secs. 13 and 24.
 Over mts. land, thru dense undergrowth. Desc. slightly to
 .35 Wash, 30 lks., wide, 10 ft. deep, course S., asc. 240 ft.
 over SE. slope to
 10.00 Asc. 50 ft. over NE. slope.
 17.00 Spur, slopes SE., desc. 108 ft. over SW. slope.
 22.85 Draw, 15 lks. wide, course SE., asc. 195 ft. over E.
 slope.
 29.50 Ridge, bears N. and S., desc. 275 ft. over W. slope to
 39.98 Set an iron post, 3 ft. long, 1 in diam., 13 ins. in
 the ground to bed rock, supported by a mound of stone
 for ¼ sec. cor., with brass cap marked.

S13
 ¼
 S24
 1918

and raise a mound of stone, 2½ ft. base, 1½ ft. high,
 N. of cor.

Desc. 30 ft. over W. slope to
 41.00 Gulch, 10 lks. wide, course SW., desc. 200 ft. over
 cliffy S. slope.
 50.40 Gulch, 30 lks. wide, course S., asc. 490 ft. over E.
 slope
 71.00 Ridge, bears N. and S., Desc. 30 ft. over W. slope.
 74.90 Asc. 20 ft. over SE. slope.
 78.59 Ridge, bears NE. and SW., desc. 10 ft. over W. slope. to
 79.96 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.
 Soil, stony, 4th rate; lime and igneous formation.
 No timber,
 Undergrowth, dense palo verde, cat claw, mesquite, ocotilla
 cacti, coffee and scrub oak brush.
 Fair grass.

Subdivision of T. 3 S. R. 15 E.

Chains.	N. 0° 01' W., bet. secs. 13 and 14. Over mts. land; thru dense undergrowth. Desc. 115 ft. over NW. slope.
8.70	Draw, 10 lks. wide, course SW., asc. 80 ft. over SE. slope.
13.00	Spur, slopes SW., desc. 223 ft. over NW. slope.
30.75	Gulch, 15 lks. wide, course SW., asc. 200 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S14 S13 1918
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Asc. 116 ft. over SE. slope.
51.50	Ridge, bears NE. and SW., desc. 164 ft. over NW. slope.
70.00	Gulch, 10 lks. wide, course SW., asc. 110 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 11, 12, 13 and 14, with brass cap marked
	T3S R15E S11 S12 S14 S13 1918
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, stony, 4th rate; lime and igneous formation. Undergrowth, dense catclaw, mesquite, paloverde, ocotilla cactus, mescal, coffee and scrub oak brush. Fair grass.

40.00	S. 89° 58' E., on a random line bet. secs. 12 and 13. Set temp $\frac{1}{4}$ sec. cor.
86.00	Fall 10 lks. S., of the original cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general
	Thence
	S. 89° 58' W. on a true line bet. secs. 12 and 13. Over mts. land, thru dense undergrowth. Desc. 95 ft. over NW. slope to
2.50	Wash, 15 lks. wide, course SW., desc. 55 ft. over SE. slope.
10.00	Point of spur, slopes S., desc. 230 ft. over NW. slope to
21.40	Gulch, 75 lks. wide, course SW., clear water in holes, asc. 435 ft. over E. slope to
35.50	Foot of cliff, 100 ft. high, bears NW. and SE.
37.50	Top of cliff, asc. 45 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S12 $\frac{1}{4}$ S13 1918
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Asc. 15 ft. over SE. slope.
41.00	Ridge, bears NE. and SW., desc. 80 ft. over W. slope to
47.50	Head of gulch, course SW, desc. 165 ft. over SE. slope to

Subdivision of T. 3 S. R. 15 E.

Chains.									
57.00	Ridge, bears NE. and SW., desc. 345 ft. over NW. slope to								
69.00	Head of gulch, course SW., desc. 210 ft. over SW. slope to								
80.00	The cor. of secs. 11, 12, 13 and 14.								
	Land, mountainous.								
	Soil, stony, 4th rate, lime and igneous formation.								
	Undergrowth, dense catclaw, mesquite, mescal, ocotilla, cacti, coffee and scrub oak brush.								
	Timber, very scattering oak, cedar and pine.								
	Fair grass.								

	N. 0° 01' W., bet. secs. 11 and 12.								
	Over mts. land, thru dense undergrowth. Desc. 56 ft. over W. slope.								
4.30	Wash, 40 lks. wide, course SW. asc. 178 ft. over S. slope.								
9.30	Spur, slopes SW., desc. 42 ft. over NW. slope.								
11.75	Gulch, 20 lks. wide, course SW., with clear water in holes, asc. 167 ft. over SE. slope.								
16.50	Point of spur, slopes E., from NW., Spring bears NE., about 4 chs. dist., desc. 42 ft. over N. slope.								
24.00	Same gulch, 20 lks. wide, course SE., with clear water in holes, asc. 247 ft. over SW. slope to								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>S11</td> <td>S12</td> </tr> <tr> <td colspan="2" style="text-align: center;">1918</td> </tr> </table>	S11	S12	1918					
S11	S12								
1918									
	from which								
	An oak, 24 ins. diam., bears S. 18° E., 111 lks. dist., marked " $\frac{1}{4}$ S 12 BT.", no other tree available, and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Asc. 610 ft. over W. slope.								
70.00	Same gulch as at 11.75 and 24.00 ch. stations, 35 lks. wide, course SW., with clear water in holes.								
80.00	Asc. 235 ft. over S. slope to								
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 1, 2, 11 and 12, with brass cap marked								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T3S</td> <td>R15</td> </tr> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> <tr> <td colspan="2" style="text-align: center;">1918</td> </tr> </table>	T3S	R15	S 2	S 1	S11	S12	1918	
T3S	R15								
S 2	S 1								
S11	S12								
1918									
	from which								
	An oak, 15 ins. diam., bears S. 30 $\frac{1}{2}$ ° W., 118 lks. dist. marked " T3S R 15 E S 11 B T"								
	An oak 20 ins. diam., bears S. 30° E., 87 lks. dist., marked " T 3 S. R 15 E S 12 B T "								
	An oak, 24 ins. diam., bears N. 57° W., 146 lks. dist., marked " T 3 S R 15 E S 2 BT"								
	An oak, 24 ins. diam., bears N. 30 $\frac{3}{4}$ ° E., 153 lks. dist. marked " T 3 S R 15 E S 1 BT"								
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.								
	Land, mountainous.								
	Soil, stony, 4th rate, lime and igneous formation.								
	Undergrowth, dense cat claw, mesquite, cacti, mescal, coffee and scrub oak brush.								
	Timber, scattering oak, cedar and pine in N. half only.								
	Fair grass								

	N. 89° 58' E., on a random line bet. secs. 1 and 12.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.14	Put 9 lks. N. of the original cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., which is an iron post, 3 ins. diam., 12 ins. above mound of stone, marked and witnessed as described by the surveyor general								

Subdivision of T. 3 S., R. 15 E.

BOOK 3397

Chains.

Thence
 N. 89° 58' W., on a true line bet. secs. 1 and 12.
 Over mts. land, thru dense undergrowth and scattering
 timber. Desc. 130 ft. over SW. slope.
 11.30 Gulch, 40 lks. wide, course S., asc. 115 ft. over E. slope.
 27.50 Ridge, bears NW. and SE., desc. 80 ft. over SW. slope to
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
 the ground to bed rock, supported by a mound of stone
 for $\frac{1}{4}$ sec. cor., with brass cap marked

S 1
 $\frac{1}{4}$ —
 S12
 1918

from which
 An oak, 20 ins. diam., bears S. 61° W., 77 lks. dist.,
 marked " $\frac{1}{4}$ S 12 BT"
 An oak, 14 ins. diam., bears N. 70° W., 83 lks. dist.,
 marked " $\frac{1}{4}$ S 1 BT"
 Desc. 120 ft. over SW. slope to
 47.60 Spur, slopes SW., desc. 140 ft. over NW. slope to slope.
 52.10 Spring on line at head of drain, course SW. Desc. 75 ft. over SW. slope
 56.10 Gulch, course SW., asc. 82 ft. over SE. slope.
 67.00 Spur, slopes SW., desc. 10 ft. over NW. slope to
 67.50 Top of cliff, 50 ft. high, bears NE. and SW., facing NW.
 From foot of cliff, desc. 95 ft. over NW. slope to
 72.00 Gulch, 30 lks. wide, course SW., desc. 105 ft. over S.
 slope to
 80.14 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, stony, 4th rate, lime and igneous formation.
 Undergrowth, dense undergrowth, cat claw, mesquite, mes-
 cal, cacti, ocotilla, coffee and scrub oak brush.
 Timber, scattering oak, cedar and pine.
 Fair grass.

 N, 0° 01' W., on a random line bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.93 Fall 49 lks. W. of the cor. of secs. 1, 2, 35 and 36 on
 the N. bdy. of the Tp., herein before described.
 Thence,
 S. 0° 20' W. on a true line bet. secs. 1 and 2.
 Over mts. land, thru dense undergrowth and scattering
 timber. Asc. 160 ft. over NW. slope.
 16.00 Spur, slopes W., desc. 285 ft. over SW. slope.
 24.60 Gulch, course W., asc. 428 ft. over NW. slope to
 39.93 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground to bed rock supported by a mound of stone for
 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S2 | S1
 1919

from which
 An oak, 9 ins. diam., bears S. 10 $\frac{1}{2}$ ° E., 79 lks. dist.,
 marked " $\frac{1}{4}$ S1 BT", no other trees available.
 And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Asc. 110 ft. over N. slope.
 50.00 Point of spur, slopes W., desc. 30 ft. over broken W.
 slope to
 57.00 Ridge or divide, bears NE., and SW., desc. 540 ft. over
 S. slope to
 79.93 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, stony, 4th rate, lime and igneous formation.
 Undergrowth, dense catclaw, mesquite, mescal, cacti,
 coffee and scrub oak brush.
 Timber, scattering oak, cedar and pine.
 Fair grass

Subdivision of T. 3 S. R. 15 E.

Chains

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., which is an iron post described in book "F" N. 0° 01' W. bet. secs. 34 and 35.
 Over level land, thru dense undergrowth.
 5.00 Leave level land, bears NW. and SE. and enter rolling land
 Asc. 90 ft. over SW. slope.
 19.50 Low ridge, bears NW. and SE., The Globe-Winkleman road runs along ridge, and bears NW, and SE. Desc. 46 ft. over NE. slope to
 25.00 Wash, 75 lks. wide, 5 ft. deep, course SE. Asc. 35 ft. over W. slope to $\frac{1}{4}$ sec. cor.
 32.70 Old road, bears NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S34 | S35
 1918

from which

A desert willow, 12 ins. diam., bears N. 55° W., 178 lks. dist., marked " $\frac{1}{4}$ S 34 BT", no other trees available. and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 40.70 Drain, 15 lks. wide, 2 ft. deep, course SW. Asc. 50 ft. over SW. slope to
 62.50 Same wash as crossed at 25.00 ch. station, 40 lks. wide, 2 ft. deep, course SW. Asc. 16 ft. over E. slope to
 69.50 Same wash, 30 lks. wide, 2 ft. deep, course SE. Asc. 20 ft. over S. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 26, 27, 34 and 35, with brass cap marked

T3S | R15E
 S27 | S26
 S34 | S35
 1918

from which

A desert willow, 6 ins. diam., bears N. 15° W., 123 lks. dist., marked " T 3 S R 15 E. S 27 BT", no other trees available, and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, level and rolling.
 Soil, gravelly and sandy loam, 2nd and 3rd rate, conglomerate formation.
 Timber, very scattering willow and mesquite,
 Undergrowth, dense catclaw, mesquite, palo verde, ocotilla cacti, coffee and scrub oak brush.
 Fair Grass.

N. 89° 52' E., on a random line bet. secs. 26 and 35.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Fall 19 lks. N. of the cor. of secs. 25, 26, 35 and 36. Thence
 West, on a true line bet. secs. 26 and 35,
 Over rolling land, thru dense undergrowth. Asc. 10 ft. over E. slope.
 3.20 Top of ridge, bears N. and S., and desc. 140 ft. over SW. slope.
 11.50 Wash, 20 lks. wide, 3 ft. deep, course S. Asc. 225 ft. over E. slope.
 27.50 Ridge, bears N. and S., desc. 185 ft. over W. slope to
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S26
 $\frac{1}{4}$
 S35
 1918

Chains.	and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Asc. 104 ft. over SE. slope.
47.00	Spur, slopes SW. Desc. 175 ft. over W. slope.
64.50	Wash, 30 lks. wide, 6 ft. deep, course S. from NE. Asc. 50 ft. over E. slope.
74.00	Ridge bears NW. and S., desc. 55 ft. over W. slope.
77.50	Wash, 40 lks. wide, 3 ft. deep, course S. from NW. Asc. slightly over SE. slope to
79.96	The cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, sandy loam and gravelly, 2nd and 3rd rate, conglomerate formation. No timber. Undergrowth, cat claw, mesquite, cacti, ocotilla, palo verde, greasewood, coffee and scrub oak brush. Fair grass.

	N. 0° $01'$ W. bet. secs. 26 and 27. Over rolling land, thru dense undergrowth. Asc. 15 ft. over SE. slope to
7.00	Wash, 40 lks. wide, 2 ft. deep, course SE. Asc. 110 ft. over W. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
$\frac{1}{4}$	
S27 S26	
1918	
	and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Asc. 210 ft. over SW. slope.
51.00	Top of ridge, bears NW and SE., Asc. 40 ft. over rolling and broken W. slope of ridge to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 22, 23, 26 and 27, with brass cap marked
T3S R15E	
S22 S23	
S27 S26	
1918	
	and raise a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, sandy loam and gravelly, 2nd and 3rd rate; conglomerate formation. No timber. Undergrowth, dense catclaw, mesquite, palo verde, cacti, ocotilla, coffee and scrub oak brush. Fair grass.

40.00	East, on a random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Run 5 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence S. 89° $58'$ W., on a true line bet. secs. 23 and 26. Over rolling land, thru dense undergrowth. Desc. 57 ft. over W. slope
5.25	Gulch, 15 lks. wide, course SE., asc. 93 ft. over E. slope.
14.00	Spur, slopes S. desc. 225 ft. over SW. slope
27.70	Wash, 30 lks. wide, course SE., asc. 220 ft. over E. slope.
39.98	Ridge, bears N. and S; Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor. with brass cap marked.

Subdivision of T. 3 S. R. 15 E.

Chains.

S23
1/4
S26
1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Desc. 143 ft. over W. slope.
 48.60 Draw, 15 lks. wide, course S., asc. 100 ft. over E. slope.
 54.00 Spur, slopes S. from NW., desc. 115 ft. over SW. slope.
 61.80 Gulch, 15 lks. wide, course SE., asc. 120 ft. over E. slope.
 78.00 Ridge, bears N. and S., desc. 5 ft. over W. slope to
 79.96 The cor. of secs. 22, 23, 26 and 27.
 Land, rolling.
 Soil, gravelly, 3rd and 4th rate; conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, ocotilla, cacti, palo verde, greasewood, dagger, coffee and scrub oak brush.
 Fair grass.

N. 0° 01' W. bet. secs. 22 and 23.
 Over rolling land, thru dense undergrowth, asc. 25 ft. over W. slope of ridge near top.
 7.00 Top of ridge bears NE. and S. Desc. NW. slope 138 ft.
 15.00 Desc. 7 ft. over W. slope to
 20.00 Draw, 10 lks. wide, course SW. Desc. 37 ft. over SW. slope to
 26.80 Wash, 15 lks. wide, course SW., asc. 185 ft. over SE. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground to bed rock, supported by a mound of stone for 1/4 sec. cor., with brass cap marked

1/2
S22 | S23
1918

and raise a mound of stone 2 1/2 ft. base, 1 1/2 ft. high, W. of cor., asc. 105 ft. over S. slope.
 60.00 Top of same ridge at 7.00 ch. station, bears NW. and SE., desc. 42 ft. over NE. slope.
 67.35 Head of draw, course SE., asc. 125 ft. over SE. slope to
 75.00 Top of same ridge as at 60.00 ch. station, bears NE. and SW., asc. 30 ft. over W. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, supported by a mound of rock for the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T3S | R15E
S15 | S14
S22 | S23
1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling.
 Soil, stony 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, ocotilla, greasewood, cacti, palo verde, dagger, coffee and scrub oak.
 Fair grass.

40.00 N. 89° 58' E., on a random line bet. secs. 14 and 23. Set temp. 1/4 sec. cor.
 80.00 Fall 7 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence
 N. 89° 59' W., on a true line bet. secs. 14 and 23.
 Over mts. land, thru dense undergrowth. Desc. 360 ft. over W. slope to

Subdivision of T. 3 S. R. 15 E.

OOK 3397

Chains.
12.40 Draw, course SW., desc. 370 ft. over SW. slope.
21.20 Wash, 15 lks. wide, course SW., asc. 305 ft. over SE. slope.
30.00 Ridge, bears NE. and SW., desc. 230 ft. over NW. slope to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14
 $\frac{1}{4}$
S23
1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Desc. 10 ft. over W. slope to

41.00 Gulch, 10 lks. wide, course SW., Asc. 5 ft. over SE. slope.
47.00 Point of spur, slopes SW., desc. 115 ft. over W. slope.
59.50 Wash, 30 lks. wide, course SW. Desc. 5 ft. over S. slope to
62.80 Wash, 20 lks. wide, course S., asc. 290 ft. over E. slope.
76.50 Ridge, bears NW. and SW. desc. 70 ft. over W. slope to
80.00 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, stony, 4th rate, conglomerate formation.
No timber.
Undergrowth, dense catclaw, mesquite, cacti, ocotilla, dagger, palo verde, coffee and scrub oak.
Fair grass.

N.0° 01' W. bet. secs. 14 and 15.
Over mts. land, thru dense undergrowth. Asc. 10 ft. over W. slope to

1.00 Head of draw, course SW., asc. 90 ft. over SW. slope.
8.00 Ridge, bears NW. and SE., desc. 98 ft. over NE. slope.
15.00 Asc. 10 ft. over SE. slope.
18.00 Point of spur, slopes E., Desc. 85 ft. over NE. slope to
22.30 Draw, 15 lks. wide, course E., asc. 150 ft. over SE. slope.
35.00 Point of rocky spur, slopes SE, asc. 55 ft. over E. slope to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S15 | S14
1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Asc. 83 ft. over E. slope.

47.00 Same ridge as at 8.00 ch. station, bears NE. and SW., desc. 63 ft. over NW. slope.
58.20 Wash, 30 lks. wide, course SW., asc. 555 ft. over SE. slope.
79.00 Ridge, bears N. and S. 10° W. Asc. 20 ft. along top of ridge to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 10, 11, 14 and 15; with brass cap marked

T3S R15E
S10 | S11
S15 | S14
1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, dense catclaw, mesquite, palo verde, mescal

Subdivision of T. 3 S. R. 15 E.

Chains.

cacti, greasewood, coffee and scrub oak.
Fair grass.

40.00 S. 89° 59' E., on a random line bet. secs. 11 and 14.
60.96 Set temp. $\frac{1}{4}$ sec. cor.

Top of cliff about 300 ft. high, bearing N. and S., facing E. Discontinue chaining at this point on random line and triangulate as follows:

Set flag "A" at a point S. 89° 59' E. from this station and at 3 lks. N. of cor. of secs. 11, 12, 13 and 14. Vertical angle to flag "A" = -25°.

Set flag "B" at a point S. 0° 1' W., 28.69 chs. from flag "A". Flag "B" bears S. 33° 29' E. from 60.96 ch. station on random line.

Included angles are 56° 30' and 90° 00' and 33° 30', the sum of which is 180° 00'.

Dist. triangulated on random line is obtained by tang. 33° 30' x base or .66189 x 28.69 = 18.99 chs., which added to 60.96 chs. =

79.95 Flag point "A", 3 lks. N. of cor. of secs. 11, 12, 13 and 14.

79.95 Thence 3 lks. N. of the cor. of secs. 11, 12, 13 and 14.

N. 89° 58' W., on trueline bet. secs. 11 and 14.

Over mts. land, thru dense undergrowth. Desc. 75 ft. over W. slope. (Measurment across canyon by triangulation)

2.00 (Approximate) bottom of canyon, course S., with clear water in holes. Asc. 605 ft. over cliffs to

18.99 Triangulation point at top of cliff, bears N. and S., facing E., about 300 ft. high. Continue measurment by chaining. asc. 10 ft. over E. slope.

20.00 Ridge, bears NW. and S., desc. 147 ft. over SW. slope.

33.00 Head of gulch, course S., asc. 30 ft. over E. slope.

36.40 Spur, slopes S., desc. 30 ft. over SW. slope to

39.97 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, supported by a mound of stone for the $\frac{1}{4}$ sec. cor., with brass cap marked

S11
 $\frac{1}{4}$ —
S14
1918

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

Desc. 85 ft. over S. slope

50.00 Ridge, bears NE. and SW., desc. 15 ft. over NW. slope to

53.30 Top of cliff, 50 ft. high, bears NE. and SW., facing NW.

53.90 Foot of cliff. Desc. 300 ft. over NW. slope.

62.60 Gulch, 20 lks. wide, course SW., spring in same bears NE. 1.00 ch. dist., asc. 150 ft. over SE. slope.

66.40 Point of spur, slopes S., desc. 75 ft. over SW. slope.

70.30 Gulch, 20 lks. wide, course SE., asc. 220 ft. over E. slope to

79.95 The cor. of secs. 10, 11, 14 and 15 on top of ridge bearing N. and S.

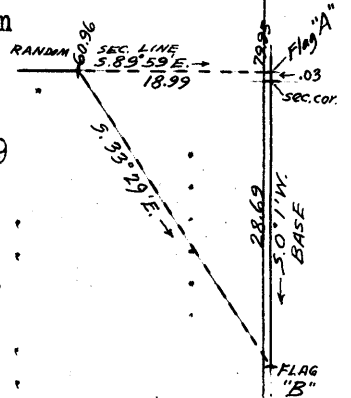
Land, mountainous;

Soil, stony, 4th rate, lime formation.

No timber.

Undergrowth, dense catclaw, mesquite, palo verde, cacti, mescal, ocotilla, greasewood, coffee and scrub oak.

Fair grass.



Subdivision of T. 3 S., R. 15 E.

BOOK 3897

Chains.

N. 0° 01' W., bet. secs. 10 and 11.
Over mts. land, thru dense undergrowth, Asc. 430 ft.
along top of ridge, bearing N. and S to

18.00 Leave top of ridge, bears N. 15° E. and S., asc. 410 ft.
over SW. slope to

39.00 Ridge, bears NE. and SW., Top of cliff, 35 ft. high,
bears NE. and SW., facing NW. From foot of cliff desc.
NW. slope. Enter scattering timber.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
the ground to bed rock, supported by a mound of stone
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{2}$
S10 | S11
1918

from which
A pine, 8 ins. diam., bears S. 51° E., 67 lks. dist.,
marked " $\frac{1}{4}$ S11 BT".
A pine, 12 ins. diam., bears N. 15° W., 22 lks. dist.,
marked " $\frac{1}{4}$ S10 BT".
Desc. 250 ft. over NW. slope.

47.60 Gulch, 15 lks. wide, course SW., leave timber, asc. 460
ft. over SE. slope.

70.00 Ridge, bears NE. and SW., desc. 15 ft. over NW. slope to

78.60 Top of cliff, 95 ft. high, bears NE. and SW. Facing NW.
From foot of cliff, desc. 20 ft. over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
the ground to bed rock, supported by a mound of stone
for the cor. of secs. 2, 3, 10 and 11, with brass cap
marked

T3S | R15E
S 3 | S 2
S10 | S11
1918

from which
A pine, 10 ins. diam., bears N. 49° E., 324 lks. dist.,
marked " $\frac{1}{4}$ S 3 R 15 E S 2 B.T".
An oak, 10 ins. diam., bears S. 16 $\frac{1}{2}$ ° E., 213 lks. dist.
marked " $\frac{1}{4}$ S 3 R 15 E S 11 BT", no other trees available,
and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor.

Land, mountainous.
Sp11, stony, 4th rate, lime and igneous formation.
Undergrowth, dense catclaw, mesquite, mescal, cacti,
ocotilla, coffee and scrub oak.
Timber, scattering oak, cedar and pine.
Fair grass.

S. 89° 58' E. on a random line, bet. secs. 2 and 11.
To avoid nearly impassible cliffs, offset South 430 lks.
from sec. cor., thence S. 89° 58' E., 31.70 chs.,
thence North 430 lks., returning to random line at

31.70 offset point, Continue measurment on random line.

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

79.70 Fall 24 lks. S. of the cor. of secs. 1, 2, 11 and 12.
Thence
S. 89° 52' W., on a true line bet. secs. 2 and 11.
Over mountainous land, thru dense undergrowth. Desc. 17
over S. slope.

4.00 Head of draw, course S., asc. 80 ft. over SE. slope.

12.50 Spur, slopes S., desc. 130 ft. over SW. slope.

20.00 Head of gulch, course SE1, asc. 290 ft. over SE. slope to

39.85 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
the ground to bed rock, supported by a mound of stone.
for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 3 S., R. 15 E.

Chains.

S 2
 $\frac{1}{4}$
 S11
 1918

from which

An oak, 10 ins. diam., bears N. $56\frac{1}{2}^\circ$ W., 24 lks. dist. marked " $\frac{1}{4}$ S 2 BT".

An oak, 10 ins. diam., bears S. $57\frac{1}{2}^\circ$ W., 31 lks. dist., marked " $\frac{1}{4}$ S 11 BT".

48.00

Asc. 100 ft. over SE. slope to

Top of ridge, bears NE. and SW.

Thence South, 4.30 chs. Desc. SE. slope.

Thence S. $89^\circ 52'$ W, 31.70 chs. on offset line in sec 11

Asc. SE. slope to

5.40 Top of ridge, bears NE. and SW.

at point from which spur extends SE.

Thence over NW. slope of ridge, above top of high cliffs bearing NE. and SW. facing NW.

Desc. 480 ft. to

31.70 offset point.

Thence, North, 4.30 chs. to

79.70

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

Land, mountainous;

Soil, stony, 4th rate, lime formation.

Undergrowth, dense catclaw, mesquite, mescal, cacti, ocotilla, coffee and scrub oak.

Timber, scattering, oak, cedar and pine.

Fair grass.

40.00

N. $0^\circ 20'$ E., on a random line bet. secs. 2 and 3.

80.31

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

Fall 24 lks. E. of the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp., herein before described.

Thence

S. $0^\circ 10'$ W., on a true line bet. secs. 2 and 3.

Over mountainous land, thru dense undergrowth. Desc. 80 ft. over S. slope.

5.09

Draw, course W., asc. 145 ft. over N. slope.

15.50

Spur, slopes W., desc. 425 ft. over N. slope.

34.10

Gulch, course W., asc. 35 ft. over N. slope to

40.31

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

S 3 | S 2

1919

from which

An oak, 10 ins. diam., bears S. $13\frac{1}{2}^\circ$ W., 11 lks. dist., marked " $\frac{1}{4}$ S 3 BT", no other tree available.

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

Asc. 130 ft. over N. slope.

45.00

Spur, slopes W., desc. 60 ft. over S. slope.

51.30

Gulch, course W., asc. 615 ft. over N. slope to

80.31

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

Land, mountainous.

Soil, stony, 4th rate, lime and igneous formation.

Undergrowth, dense catclaw, mesquite, mahogany, and scrub oak.

Timber, scattering oak, cedar and pine.

Fair grass.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., which is an iron post, described in book "F."

N. $0^\circ 02'$ W. bet. secs. 33 and 34.

Over rolling land, thru dense undergrowth. Desc. 105 ft. over NW. slope.

- Chains.
- .10 N. F. Gaddis house bears N. 47° E.
- 5.40 Wash, 15 lks. wide, course NE., asc. 50 ft. over SE. slope.
- 7.50 Spur, slopes NE., desc. 115 ft. over NW. slope.
- 15.50 Wash, 100 lks. wide, course NE., asc. 10 ft. over SE. slope.
- 20.00 Point of spur, slopes NE., desc. 40 ft. over NE. slope.
- 26.00 Leave rolling land and enter level bottom of Dripping Springs Valley, bears NW. and SE.
- 30.00 Road, bears E. and W., Globe-Winkelman.
- 35.00 Dripping Springs wash, 35 lks. wide, 4 ft. deep, 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., with brass cap marked

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

1918

- and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 47.80 Wash, 100 lks. wide, course SE., Leave level land and enter rolling land. Asc. 50 ft. over SW. slope.
- 52.50 Spur, slopes SE., N. F. Gaddis house bears S. 35° E., Asc. 35 ft. over rolling E. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, supported by a mound of stone for the cor. of secs. 27, 28, 33 and 34, with brass cap marked

T3S | R15E
S28 | S27
S33 | S34

1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling and level.
Soil, sandy loam and gravelly, 1st to 3rd rate, conglomerate formation.
No timber.
Undergrowth, dense catclaw, mesquite, greasewood, cacti, palo verde, ocotilla, coffee and scrub oak.
Fair grass.

- 40.00 N. 89° 52' E., on a random line bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.
- 79.78 Fall 5 lks. N. of the cor. of secs. 27, 34 and 35. Thence S. 89° 54' W., on a random line bet. secs. 27 and 34. Over gently rolling land, thru dense undergrowth. Desc. slightly to
- 4.80 Wash, 40 lks. wide, 2 ft. deep, course SE., asc. slightly.
- 17.90 Old road, bears NW. and SE.
- 20.00 Leave gently rolling land and enter heavier rolling land. Asc. 110 ft. over NE. slope.
- 28.00 Ridge, bears NW. and SE., Globe-Winkelman road Same bearing. Desc. slope 130 ft. over SW. slope.
- 33.00 Gulch, 30 lks. wide, course SE., asc. 80 ft. over NE. slope to
- 39.89 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S27
 $\frac{1}{4}$ S34
1918

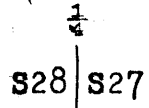
- and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- Asc. 80 ft. over NE. slope.
- 50.00 Spur, slopes SE., desc. 235 ft. over SW. slope.
- 64.00 Gulch, 30 lks. wide, course SE., asc. 115 ft. over NE. slope.
- 71.40 Spur, slopes SE., desc. 105 ft. over SW. slope.

Subdivision of T. 3 S. R. 15 E.

Chains.

77.50 Gulch, 10 lks. wide, course SE., asc. 35 ft. over NE. slope. to
 79.78 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling.
 Soil, sandy loam and gravelly, 2nd and 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, greasewood, ocotilla, cacti, coffee and scrub oak.
 Fair grass.

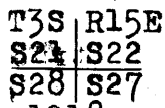
 N. 0° 02' W. bet. secs. 27 and 28.
 Over heavy rolling land, thru dense undergrowth. Desc. 25 ft. over NE. slope.
 2.45 Gulch, 15 lks. wide, course SE., asc. 135 ft. over SW. slope.
 11.40 Ridge, bears NW. and SE., desc. 120 ft. over NE. slope.
 18.30 Gulch, 30 lks. wide, course SE., asc. 280 ft., over SW. slope.
 35.00 Ridge, bears NW. and SE., desc. 15 ft. over NE. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 2 1/2 ins. in the ground for 1/4 sec. cor., with brass cap, marked



1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Desc. 40 ft. over NE. slope.

43.64 Gulch, course SE., asc. 25 ft. over SW. slope.
 47.00 S. rim of flat topped ridge, bears NW. and SE. Thence across top of ridge.
 52.00 Globe-Winkelmann road bears NW. and SE.
 58.00 N. rim of flat topped ridge bears NW. and SE., desc. 70 ft. over NE. slope.
 64.00 Foot of desc. bears NW. and SE. Leave heavy rolling land and enter very gently rolling land sloping SE. Asc. 35 ft. to sec. cor.
 66.99 Old road, bears NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 21, 22, 27 and 28, with brass cap marked.



1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy loam and gravelly, 2nd and 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, palo verde, greasewood, cacti, ocotilla, coffee and scrub oak.
 Fair grass.

 40.00 N. 89° 54' E., on a random line bet. secs. 22 and 27. Set temp. 1/2 sec. cor.
 79.74 Fall 4 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence
 S. 89° 56' W., on a true line bet. secs. 22 and 27.
 Over mountainous rolling land, thru dense undergrowth. Desc. 300 ft. over broken W. slope.
 20.40 Gulch, 15 lks. wide, course SE., asc. 50 ft. over NE. slope.

Chains.

- 25.25 Spur, slopes SE., desc. 95 ft. over SW. slope.
- 32.60 Gulch, 60 lks. wide, course SE., asc. 125 ft. over NE. slope to
- 39.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S22
 $\frac{1}{4}$ ———
 S27
 1918

- and raise a mound of stone; 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- Asc. 10 ft. over NE. slope.
- 40.20 Spur, slopes SE., desc. 145 ft. over SW. slope.
- 46.70 Gulch, 25 lks. wide, course SE., asc. 95 ft. over NE. slope.
- 52.25 Spur, slopes SE., desc. 90 ft. over SW. slope.
- 59.70 Gulch, 25 lks. wide, course SE., asc. 75 ft. over NE. slope.
- 72.75 Point of spur; slopes SE., desc. 70 ft. over SW. slope.
- 78.40 Wash, 60 lks. wide, course SE., Leave heavy rolling land and enter gently rolling land. Asc. slightly over SE. slope to.
- 79.74 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling and mountainous.
 Soil, sandy loam and stony, 2nd to 4th rate, conglomerate formation.
 No timber.
 Undergrowth, catclaw, mesquite, palo verde, greasewood, cacti, coffee and scrub oak.
 Fair grass.

N. 0° 02' W. bet. secs. 21 and 22.
 Over gently rolling land, thru dense undergrowth. Desc. slightly to

- 2.50 Wash, 60 lks. wide, course SE., asc. 100 ft. over SW. slope.
- 6.00 Spur, slopes SE., Asc. 60 ft. over rolling E. and SE. slopes to
- 19.00 Spur, slopes SE., desc. 80 ft. over NE. slope.
- 25.90 Wash, 75 lks. wide, course SE., asc. 45 ft. over SW. slope to
- 29.20 Point of spur, slopes SE., desc. 10 ft. over E. slope.
- 34.20 Wash, 15 lks. wide, course SE., asc. 50 ft. over W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, surrounded by a mound of stone for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S21 | S22
 1918

- and raise a mound of stone; 2 $\frac{1}{2}$ ft. high, 1 $\frac{1}{2}$ ft. high, W. of cor.
- Asc. 60 ft. over W. slope.
- 43.00 Bend in same wash as at 34.20 ch. station, 20 lks. wide, course SW. from NW. Asc. 220 ft. over SW. slope. Leave rolling and enter mts. land.
- 59.00 Ridge, bears NW. and SE., desc. 45 ft. over E. slope.
- 70.00 Gulch, 15 lks. wide, course SE., asc. 125 ft. over SW. slope to
- 80.100 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 15, 16, 21 and 22, with brass cap marked

T3S | R15E
 S16 | S15
 S21 | S22
 1918

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

Subdivision of T. 3 S. R. 15 E.

Chains

Land, rolling and mountainous.
Soil, sandy loam and stony, 2nd to 4th rate, conglomerate formation.
No timber.
Undergrowth, dense catclaw, mesquite, greasewood, palo verde, cacti, coffee and scrub oak.
Fair grass.

- N. 89° 56' E., on a random line bet. secs. 15 and 22.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.80 The cor. of secs. 14, 15, 22 and 23.
Thence
S. 89° 56' W. on a true line bet. secs. 15 and 22.
Over mountainous land, thru dense undergrowth. Desc. 20 ft. over W. slope.
.50 Draw, 15 lks. wide, course SW., asc. 75 ft. over SE. slope.
6.80 Spur, slopes SW., desc. 115 ft. over W. slope.
14.50 Draw, 15 lks. wide, course SW., asc. 35 ft. over SE. slope.
17.00 Spur, slopes SW., desc. 215 ft. over NW. slope.
25.00 Gulch, 30 lks. wide, course SW., asc. 20 ft. over SE. slope.
29.80 Point of spur, slopes S., desc. 110 ft. over SW. slope.
38.20 Gulch, 30 lks. wide, course SE., asc. 30 ft. over E. slope to
39.90 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S15
 $\frac{1}{4}$

S22
1918

- and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Asc. 170 ft. over E. slope.
49.20 Spur, slopes SE., desc. 50 ft. over SW. slope.
53.80 Gulch, 10 lks. wide, course SE., asc. 50 ft. over E. slope.
57.30 Ridge, bears N. and S., desc. 120 ft. over W. slope.
61.30 Gulch, 20 lks. wide, course S., asc. 210 ft. over E. slope.
74.80 Spur, slopes SE., desc. 90 ft. over SW. slope to
79.80 The cor. of secs. 15, 16, 21 and 22.
Land, mountainous.
Soil, stony, 4th rate, conglomerate formation.
No timber.
Undergrowth, dense catclaw, mesquite, ocotillo, cacti, palo verde, coffee and scrub oak.
Fair grass.

- N. 0° 02' W., bet. secs. 15 and 16.
Over mountainous land, thru dense undergrowth. Asc. 115 ft. over SW. slope.
11.00 Spur, slopes SE., desc. 20 ft. over E. slope.
18.50 Draw, 10 lks. wide, course SE., asc. 145 ft. over SW. slope.
25.83 Ridge, bears NW. and SE. desc. 30 ft. over E. slope.
30.76 Head of draw, course SE., asc. 65 ft. over SE. slope.
36.00 Desc. 45 ft. over E. slope to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S16 | S15

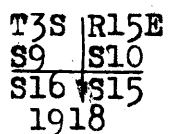
1918

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

Chains.

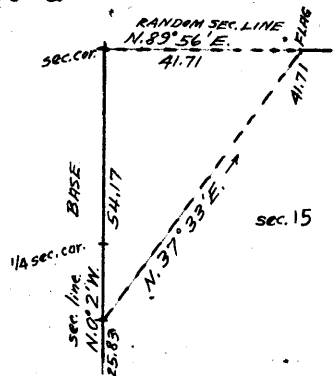
41.50
45.00
50.00
75.00
80.00

Desc. 10 ft. over E. slope to
Head of draw, course E. Asc. 25 ft. over SE. slope.
Spur, slopes E., Desc. 105 ft over E. slope to
Asc. 300 ft. over SE. slope to
Ridge, bears NE. and SW., asc. 50 ft. over W. slope to
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground to bed rock, supported by a mound of stone
for the cor. of secs. 9, 10, 15 and 16, with brass
cap marked



and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high,
W. of cor.
Land, mountainous.
Soil, stony, 4th rate, conglomerate and lime formation.
No timber.
Undergrowth, dense catclaw, mesquite, cacti, greasewood,
palo verde, ocotillo, coffee and scrub oak.
Fair grass.

N. 89° 56' E., on random line, bet. secs. 10 and 15.
The W. half of line bet. secs. 10 and 15 is broken by
two canyons, courses S., with steep walls over which
chaining is impracticable, therefore triangulate
from cor. of secs. 9, 10, 15 and 16 to a
point near 1/4 sec. cor. as follows:
Set flag on random line at top of
cliff, about one half mile E. from
sec. cor.



From top of ridge at 25.83 ch. sta-
tion on line bet. secs. 15 and 16
(54.17 chs. S. 0° 2' E., from cor.
of secs. 9, 10, 15 and 16) the flag
bears N. 37° 33' E.
Included angles are 37° 35', 90° 02'
and 52° 23', the sum of which is
180° 00

Distance triangulated on random line is obtained by
sine 37° 35' x base or .60991 x 54.17 chs. =
33.0211

41.71 chs.

40.00
41.71
79.96
3.10
6.75
10.00
12.00
15.00
22.00
38.00
38.25
39.98

From flag measure S. 89° 56' W., 1.71 chs. to
Set temp. 1/4 sec. cor.
Thence N. 89° 56' E., continuing measurement from cor. of
secs. 9, 10, 15 and 16.
Flag point of above described triangulation. Continue
line and measurement by chaining.
Fall 2 lks. N. of cor. of secs. 10, 11, 14 and 15.
Thence
S. 89° 57' W., on a true line bet. secs. 10 and 15.
Over mts. land, thru dense undergrowth. Desc. 46 ft.
over W. slope to
Top of cliff, 50 ft. high, bears N. and S., facing W.
From foot of cliff, desc. 115 ft. over W. slope to
Bottom of gulch, 25 lks. wide, course S., asc. 70 ft.
over E. slope to
Foot of cliff, bears N. and S. facing E. Asc. 100 ft. to
Top of cliff, bears N. and S.. Asc. 10 ft. over E. slope.
Ridge, bears N. and S., desc. 165 ft. over W. slope.
Gulch, course S., asc. 100 ft. over SE. slope.
Spur, slopes SW., desc. 10 ft. over W. slope to
Flag point of triangulation, hereinbefore described, Top of
cliff, 30 ft. high, bears N. and S., facing W. From top of
foot of cliff, desc. slightly to
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground to bed rock, supported by a mound of stone
for 1/4 sec. cor., with brass cap marked

Subdivision of T. 3 S. R. 15 E.

Chains.

S10

$\frac{1}{4}$

S15

1918

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

Thence by triangulated measurement to cor. of secs. 9, 10, 15 and 16.

43.00 (Approximate) bottom of canyon, course S., about 200 ft. deep, course S.

68.00 (Approximate) Spur, slopes S.

70.00 (Approximate) El Capitan Canyon, about 250 ft. deep, course S.

78.00 Ridge, bears N. and SW, desc. 10 ft. over W. slope to

79.96 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.

Soil, stony, 4th rate.

No timber.

Undergrowth, dense catclaw, mesquite, ocotillo, cacti, dagger, greasewood, coffee and scrub oak.

Fair grass.

N. $0^{\circ} 02' W.$, bet. secs. 9 and 10.

Over mts: land; thru dense undergrowth. Asc. 115 ft. over SW. slope.

14.50 Ridge, bears NW. and SE.; desc. 195 ft. over E. slope.

35.00 Foot of descent, water in El Capitan Canyon about 5 chs. E., Asc. 20 ft over SE: slope to

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

$\frac{1}{4}$

S 9 | S10

1918

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

Asc. 45 ft. over S. slope.

43.05 Trail bears NE. and SW.

46.00 Spur, slopes SE., desc. 35 ft. over E. slope.

51.30 Wire fence, bears E. and W.

54.00 Gulch; course SE., asc. 300 ft. over SW. slope to

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

T3S | R15E

S 4 | S 3

S 9 | S10

1919

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

Land, mountainous.

Soil, stony, 4th rate.

No timber.

Undergrowth, dense catclaw, mesquite, palo verde, dagger, cacti, greasewood, coffee and scrub oak.

Fair grass.

N. $89^{\circ} 57' E.$, on a random line bet. secs. 3 and 10.

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

80.10 Fall 3 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence

S. $89^{\circ} 58' W.$, on a true line bet. secs. 3 and 10.

Over mts: land, thru dense undergrowth and scattering timber, Desc. 830 ft. over NW. slope to

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

Chains

S 3

1/4

S 10

1919

from which

A pine, 20 ins. diam., bears S. 20° W., 302 lks. dist., marked "1/4 S 10 B T"

A pine, 10 ins. diam., bears N. 88° E., 178 lks. dist., marked "1/4 S 3 B T."

Desc. 335 ft. over NW. slope

55.00 Garrot Elmer's goat ranch, about 12 chs. N.

59.00 Gulch, course S., with a small stream of clear water. Asc. 130 ft. over SE. slope.

76.60 Spur, slopes S., desc. 60 ft. over W. slope to

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

Land, mountainous.

Soil, stony, 4th rate, lime and igneous formation.

Undergrowth, dense catclaw, mesquite, cacti, mescal, mahogany, coffee and scrub oak.

Timber, scattering pine, cedar and oak.

Fair grass.

N. 0° 10' E., on a random line bet. secs. 3 and 4.

40.00 Set 5amp. 1/4 sec. cor.

80.26 Fall 8 lks. W. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.

Thence

S. 0° 13' W. on a true line bet. secs. 3 and 4, Over mountainous land, thru scattering undergrowth.

Desc. 465 ft. over SE. slope.

17.70 Silver Creek, 50 lks. wide, 6 ft. deep, course W., with a small stream of clear water., asc. 120 ft. over N. slope.

19.85 Mouth of mining tunnel bears N. 50° E., about 5 chs. dist.

21.80 Top of knoll, desc. 90 ft. over S. slope.

25.70 Head of draw, course W., trail, bears E. and W., asc. 125 ft. over N. slope.

36.30 Spur, slopes W., desc. 25 ft. over SW. slope to

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

1/4

S 4 | S 3

1919

from which

A pine, 12 ins. diam., bears S. 82 1/4° E., 188 lks. dist., marked "1/4 S 3 B T", no other tree available.

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

Asc. 325 ft. over W. slope.

59.60 Ridge, bears NE. and SW., desc. 185 ft. over SE. slope.

67.75 Road; bears E. and W., Globe-Winkelman.

71.25 Head of gulch, course SW, desc. 40 ft. over W. slope to

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

Land, mountainous.

Soil, sandy loam and stony; 2nd and 4th rate, lime and igneous formation.

Undergrowth, catclaw, mesquite, mescal, cacti, dagger, coffee, greasewood and scrub oak. Dense in patches.

Timber, very scattering, pine, cedar, oak and sycamore.

Fair grass.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, described in book "F" N. 0° 02' W. bet. secs. 32 and 33.

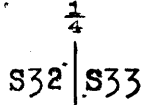
Over rolling and mts. land, thru scattering undergrowth.

Desc. 130 ft. over N. slope.

Subdivision of T. 3 S. R. 15 E.

Chains.

- 7.75 Draw, 20 lks. wide, course NE, asc. 70 ft. over SE. slope.
- 11.00 Foot of cliff, bears NE. and SW, facing SE. Asc. 50ft. to
- 12.00 Top of cliff, bears NE. and SW. Asc. 85 ft. over SE. slope.
- 15.50 Spur, slopes NE., desc. 180 ft. over N. slope.
- 26.20 Gulch, 15 lks. wide, course NE., asc. 105 ft. over SE. slope.
- 31.00 Spur, slopes NE., desc. 250 ft. over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

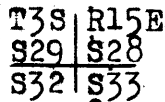


1918

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, NW. of cor. 4 ft. dist., on account of sloping ground W. of cor.

Desc. 40 ft. over NW. slope.

- 41.35 Gulch, 15 lks. wide, course NE., asc. 105 ft. over SE. slope.
- 47.00 Spur, slopes NE., desc. 300 ft. over NW. slope.
- 66.90 Gulch, 30 lks. wide, course NE., asc. 55 ft. over E. slope.
- 70.00 Point of spur, slopes NE., desc. 90ft. over NE. slope.
- 76.30 Wash, 40 lks. wide, course NE., asc. 25 ft. over SE. slope
- 77.70 Old road, bears NE. and SW.
- 80.00 Point of spur, slopes E. Set an iron post, 3 ft. long, 1 1/2 in. diam., 24 ins. in the ground for the cor. of secs. 28, 29, 32 and 33, with brass cap marked



1918

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

Land, rolling and mountainous.

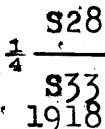
Soil, gravelly, 3rd and 4th rate, conglomerate formation.

No timber.

Undergrowth, scattering catclaw, mesquite, palo verde, cacti, ocotillo, coffee and scrub oak. Dense in patches.

Fair grass.

- 40.00 N. $89^{\circ} 52'$ E., on a random line bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
- 79.82 Fall 9 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence S. $89^{\circ} 56'$ W., on a true line bet. secs. 28 and 33. Over rolling land, thru dense undergrowth. Asc. 160 ft. over E. slope.
- 8.00 Spur, slopes SE., desc. 175 ft. over SW. slope.
- 26.80 Wash, 15 lks. wide, course SE., asc. 90 ft. over NE. slope.
- 32.60 Spur, slopes SE., desc. 60 ft. over SW. slope.
- 37.00 Enter Dripping Springs Valley, bears NW. and SE., Leave rolling and enter level land.
- 39.91 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



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

- 40.33 Road, bears NW. and SE., Globe Winkelman.
- 52.20 Dripping Springs Wash, 100 lks. wide, 3 ft. deep, course SE.

73.00

Chains.	
73.00	Old road, bears NW. and SE.
75.00	Wash, 20 lks. wide, 3 ft. deep, course NW.
78.99	Leave Dripping Springs Valley, bears NW. and SE., Leave level and enter rolling land. Asc. 56 ft. over E. slope.
79.82	The cor. of secs. 28, 29, 32 and 33 on point of spur, sloping E. Land, level and rolling. Soil, sandy loam and gravelly, 2nd and 4th rate, conglomerate formation. No timber. Undergrowth, dense mesquite, catclaw, palo verde, cacti, coffee and scrub oak. Fair grass.

	N, 9° 02' W. bet. secs. 28 and 29. Over rolling land, thru dense undergrowth. Desc. 50 ft. over NE. slope.
4.00	Foot of desc., bears NW. and SE. Leave rolling and enter level land in Dripping Springs Valley.
6.50	Old road, bears NW. and SE.
22.50	Dripping Springs Wash, 40 lks. wide, 5 ft. deep, course SE.
36.20	Wash, 40 lks. wide, 5 ft. deep, course SE.
39.90	Road, bears NW. and SE., Globe-Winkelman.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S29 S28 1918
46.00	and raise a mound of stone 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Wash, 30 lks. wide, 2 ft. deep, course SE.
57.00	Leave level land and enter gently rolling. Asc. 90 ft. to sec. cor.
77.50	Wash, 15 lks. wide, 2 ft. deep, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 20, 21, 28 and 29, with brass cap marked
	T3S R15E S20 S21 S29 S28 1918
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling and level. Soil, sandy loam and gravelly, 1st to 3rd rate. No timber. Undergrowth, dense mesquite, catclaw, palo verde, grease-wood, cacti, coffee and scrub oak. Fair grass.

40.00	N. 89° 56' E., on a random line bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.
79.84	Fall 3 lks. N. of the cor. of secs. 21, 22, 27 and 28. Thence S. 89° 57' W., on a true line bet. secs. 21 and 28. Over gently rolling land thru dense undergrowth. Asc. slightly.
5.65	Old road, bears NW. and SE.
14.00	Leave gently rolling land and enter heavily rolling land. Asc. 126 ft. over E. slope.
22.00	Ridge, bears NW. and SE. Globe-Winkelman road, same bearing, desc. 65 ft. over SW. slope.
32.75	Wash, 15 lks. wide, course SE., asc. 70 ft. over NE. slope to
39.92	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

Subdivision of T. 3 S. R. 15 E.

Chains.

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

S21

1/4

S28
1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor. Asc. 155 ft. over NE. slope.

- 44.00 Ridge, bears NW. and SE., desc. 60 ft. over SW. slope.
- 50.00 Head of gulch, course S. Asc. 20 ft. over E. slope.
- 54.50 Ridge, bears N. and S., desc. 210 ft. over W. slope to
- 64.80 Wash, 40 lks. wide, course SW., desc. 40 ft. over S. slope.
- 78.00 Wash, 15 lks. wide, 2 ft. deep, course SW. Asc. slightly over S. slope to

79.84 The cor. of secs. 20, 21, 28 and 29.
 Land, gently and heavily rolling.
 Soil, sandy loam and gravelly, 2nd and 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, greasewood, palo verde, cacti, coffee and scrub oak brush and ocotillo.
 Fair grass.

N. 0° 02' W., bet. secs. 20 and 21.
 Over rolling land, thru dense undergrowth. Asc. 160 ft. over S. slope to

- 7.00 Point of spur slopes S. Asc. 40 ft. along top of spur to
- 13.00 Leave top of spur, slopes S. from NE. Desc. 95 ft. over NW. slope.
- 21.00 Foot of desc. Thence over W. slope of spur. Asc. 30 ft. to
- 28.30 Desc. 35 ft. over W. slope.
- 38.00 Head of draw, course SW. Asc. 10 ft. over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

1/4

S20 | S21

1918

from which
 A cedar 10 ins. diam., bears S. 66 1/2° E., 93 lks. dist., marked "1/4 S 21 BT", no other tree available.
 And raise a mound of stone 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.

- Asc. 165 ft. over S. slope.
- 45.50 Spur, slopes SW., desc. 55 ft. over rolling W. slope.
- 53.50 Draw, 30 lks. wide, course SW., asc. 176 ft. over S. slope.
- 67.00 Spur, slopes SW., desc. 40 ft. over NW. slope.
- 70.00 Draw, 15 lks. wide, course SW., asc. 50 ft. over SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for the cor. of secs. 16, 17, 20 and 21, with brass cap marked

T3S | R15E
 S17 | S16
 S20 | S21

 1918

and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling.
 Soil, gravelly, 4th rate, conglomerate formation.
 Undergrowth, dense catclaw, mesquite, cacti, palo verde, ocotillo, greasewood, coffee and scrub oak.
 Fair grass.
 No timber.

N. 89° 57' E., on a random line bet. secs. 16 and 21.

Chains.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.88 Fall 7 lks. S. of the cor. of secs. 15, 16, 21 and 22.
Thence
S. $89^{\circ} 54'$ W., on a true line bet. secs. 16 and 21.
Over mts. land, thru dense undergrowth. Desc. 60 ft. over SW. slope.
- 2.20 Gulch, 20 lks. wide, course SE., asc. 185 ft. over NE. slope.
- 9.90 Ridge, bears NW. and SE., desc. 165 ft. over SW. slope.
- 16.90 Draw, 15 lks. wide, course SE., asc. 95 ft. over E. slope.
- 21.40 Ridge, bears N. and S., desc. 190 ft. over W. slope.
- 31.70 Gulch, 30 lks. wide, course S., asc. 60 ft. over E. slope.
- 34.70 Point of spur, slopes SE., desc. 55 ft. over SW. slope.
- 37.00 Draw, 15 lks. wide, course SE., asc. 70 ft. over NE. slope. to
- 39.94 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S16

$\frac{1}{4}$ ———

S21

1918

- and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Asc. 95 ft. over E. slope.
- 44.90 Globe-Winkelman road, bears N. and S. on top of ridge, bears N. and S., desc. 275 ft. over NW. slope.
- 59.00 Pioneer Gulch, 150 lks. wide, course SW., asc. 90 ft. over SE. slope.
- 63.90 Point of spur, slopes SE., desc. 55 ft. over SW. slope.
- 66.90 Draw, 20 lks. wide, course SE., asc. 205 ft. over NE. slope.
- 75.40 Ridge, bears NW. and SE., desc. 55 ft. over SW. slope to
- 79.88 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous.
Soil, stony, 4th rate, conglomerate formation.
No timber.
Undergrowth, dense cat claw, mesquite, cacti, palo verde, greasewood, ocotillo, coffee and scrub oak.
Fair grass.

-
- N. $0^{\circ} 02'$ W. bet. secs. 16 and 17.
Over mts. land, thru dense undergrowth. Asc. 70 ft. over SW. slope.
 - 5.00 Ridge, bears NW. and SE., desc. 85 ft. over NE. slope.
 - 14.75 Draw, 15 lks. wide, course SE., asc. 140 ft. over SW. slope.
 - 25.00 Spur, slopes SE., desc. 80 ft. over rolling E. slope to
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S17 | S16

1918

- from which
A cedar, 10 ins. diam., bears S. $22\frac{1}{2}^{\circ}$ W., 333 lks. dist. marked " $\frac{1}{4}$ S 17 BT". no other tree available.
And raise a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Desc. 25 ft. over E. slope.
- 43.15 Draw, 15 lks. wide, course SE., asc. 100 ft. over SW. slope.
- 54.00 Spur, slopes SE., desc. 55 ft. over rolling E. slope.
- 55.00 Spring bears E., about 6 chs. dist., flows SE. in Pioneer Gulch.
- 75.00 Draw, 10 lks. wide, course SE., asc. 75 ft. over SW. slope.
- 78.50 Spur, slopes SE., Desc. 5 ft. over E. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in

Subdivision of T. 3 S., R. 15 E.

Chains.

the ground for the cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T3S	R15E
S 8	S 9
S17	S16
1918	

and raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Land, mountainous.

Soil, stony, 4th rate, conglomerate formation.

No timber.

Undergrowth, dense cat claw, mesquite, ocotilla, cacti, greasewood, palo verde, coffee and scrub oak.

Fair grass.

- 40.00 N. 89° 54' E., on a random line bet. secs. 9 and 16.
- 79.80 Set temp. ¼ sec. cor.
- 79.80 Fall 10 lks. N. of the cor. of secs. 9, 10, 15 and 16.
- Thence
- S. 89° 58' W. on a true line bet. secs. 9 and 16.
- Over mountainous land, thru dense undergrowth. Desc. 250 ft. over SW. slope.
- 2.15 Trail, bears NW. and SE.
- 15.70 Gulch, 20 lks. wide, course SE., asc. 6½ ft. over E. slope.
- 18.80 Point of spur, slopes SE., desc. 85 ft. over SW. slope.
- 23.65 Wash, 15 lks. wide, course SE., a small wash from W. joins this wash at this point. Asc. 70 ft. up wash to
- 30.80 Head of wash, course E. Asc. 115 ft. over E. slope.
- 34.60 Globe-Winkelman road bears N. and S. on ridge bears N and S., desc. 100 ft. over SW. slope.
- 39.80 Head of draw, course SW. Asc., slightly over SE. slope to
- 39.90 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for ¼ sec. cor., with brass cap, marked

S. 9
¼
S16
1918

and raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

Asc., slightly over SE. slope.

- 45.80 Spur, slopes SW., desc. 195 ft. over NW. slope.
- 56.55 Gulch, 20 lks. wide, course SW., with a small spring of clear water on line, asc. 135 ft. over SE. slope.
- 66.10 Spur, slopes SW., desc. 250 ft. over W. slope.
- 75.20 Pioneer Gulch, 35 lks. wide, course S., a spring bears S. about 5 chs. dist., asc. 125 ft. over E. slope to
- 79.80 The cor. of secs. 8, 9, 16 and 17.
- Land, mountainous.
- Soil, stony, 4th rate, lime and conglomerate formation.
- No timber.
- Undergrowth, dense catclaw, mesquite, mescal, cacti, ocotillo, palo verde, coffee and scrub oak.
- Fair grass.

- 21.00 N. 0° 02' W., bet. secs. 8 and 9.
- Over mts. land, thru dense undergrowth. Desc. 100 ft. over E. slope.
- 21.00 Pioneer Gulch, 75 lks. wide, course S. 10° E., asc. 50 ft. over SW. slope.
- 29.00 Point of spur, slopes W., Desc. 25 ft. over NW. slope.
- 35.00 Asc. 175 ft. over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

Subdivision of T. 3 S. R. 15 E.

BOOK 2207

Chains

S 8 | S 9

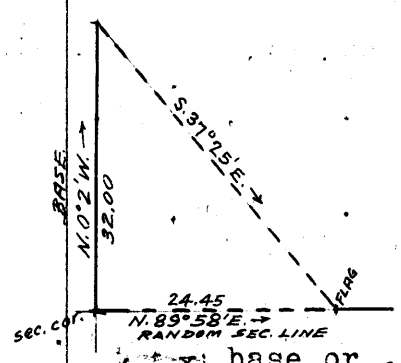
1918

- and raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor.
- Asc. 20 ft. over SW. slope.
- 41.00 Point of spur, slopes W., desc. 70 ft. over NW. slope.
- 45.00 Spring, bears W. about 5 chs. dist., in Pioneer gulch.
- 56.85 Draw, 30 lks. wide, course SW., asc. 30 ft. over S. slope.
- 58.50 Point of spur, slopes SW., desc. 10 ft. over NW. slope to
- 59.55. Top of cliff, 100 ft. high, bears NE. and SW., facing NW. Desc. to foot of cliff at
- 65.50 Pioneer Gulch, 45 lks. wide, course SW., with a small stream of clear water. Asc. 545 ft. over SE. slope over cliffs and ledges to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 4, 5, 8 and 9., with brass cap marked

T3S R15E
 S 5 | S 4
 S 8 | S 9
 1918

and raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate, lime and conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, mescal, cacti, ocotillo, palo verde, greasewood, coffee and scrub oak.
 Fair grass.

N. 89° 58' E. on a random line bet. secs. 4 and 9.
 It is impracticable to begin chain measurement on random line bet. secs. 4 and 9, owing to the steep cliffs bearing NE. and SW. on each side of Pioneer Gulch, therefore triangulate as follows:



From cor. of secs. 4, 5, 8 and 9, measure a base N. 0° 2' W., 32.00 chs. Set flag on random line at top of cliff on E. side of Pioneer Gulch.
 From N. end of base flag bears S. 37° 25' E.. Included angles are 37° 23', 52° 37' and 90° 00', the sum of which is 180° 00'.
 Dist. triangulated on random line is obtained by tang. 37° 23' base or .7641 x 32 = 24.45 chs.

- 24.45 Flag point of above described triangulation. Continue line and measurement by chaining.
- 40.00 Set temp. ¼ sec. cor.
- 80.18 Fall 10 lks. N. of the cor. of secs. 3, 4, 9 and 10. Thence N. 89° 58' W. on a true line bet. secs. 4 and 9. Over mts. land, thru dense undergrowth. Desc. 105 ft. over W. slope.
- 4.30 Draw, course S., asc. 105 ft. over E. slope.
- 9.50 Globe-Winkelman road, bears N. and SW., on top of ridge, bears N. and SW., desc. 190 ft. over W. slope.
- 25.00 Head of draw, course S., asc. 50 ft. over rolling S. slope to
- 40.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

S 4
 ¼
 S 9
 1919

and raise a mound of stone, 2½ ft. base, 1½ ft. high,

Subdivision of T. 3 S. R. 15 E.

Chains.

- N. of cor.
Asc. 335 ft. over SE. slope.
- 51.40 Ridge, bears NE. and SW., desc. 75 ft. over NW. slope to
55.73 Flag point of triangulation, hereinbefore described, at
top of cliff, 250 ft. high, bears NE. and SW., facing
NW. Triangulated measurement to sec. cor.
70.00 (Approximate) Pioneer Gulch, with small stream of clear
water course SW., asc. about 400 ft. over cliffy SE.
slope to
80.18 The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, stony, 4th rate, lime and igneous formation.
No timber.
Undergrowth, dense catclaw, mesquite, mescal, ocotillo,
spanish dagger, cacti, palo verde, coffee and scrub oak.
Fair grass.
-
- 40.00 N. 0° 13' E., on a random line bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
80.18 Fall 15 lks. W. of the cor. of secs. 4, 5, 32 and 33 on
the N. bdy. of the Tp., herein before described.
Thence
S. 0° 19' W., on a true line bet. secs. 4 and 5.
Over mts. land, thru dense undergrowth. Desc. 100 ft.
over rolling E. slope.
17.40 Draw, course E., asc. 330 ft. over N. slope.
29.90 Ridge, bears E. and W., desc. 80 ft. over S. slope.
35.96 Head of draw, course W., asc. 100 ft. over NW. slope to
40.18 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
the ground to bed rock, supported by a mound of stone for
 $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S 5 | S4
1919
- from which
A pine, 16 ins. diam., bears S. 66° E., 243 lks. dist.,
marked " $\frac{1}{4}$ S4 BT", no other tree available,
and raise a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
Asc. 150 ft. over NW. slope.
- 46.10 Ridge, same as crossed at 29.90 ch. station, bears NE.
and SW., desc. 680 ft. over SE. slope to
80.18 The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, stony, 4th rate, lime and igneous formation.
Undergrowth, dense catclaw, mesquite, mescal, cacti,
ocotillo, coffee and scrub oak.
Timber, very scattering pine and cedar.
Fair grass.
-
- From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of
the tp., which is an iron post, described in book "F"
N. 0° 03' W., bet. secs. 31 and 32.
Over mts. land, thru scattering undergrowth. Asc. 10 ft.
over SW. slope.
- 3.50 Saddle in main ridge of Mezcal Mts., bears NW. and SE.,
desc. 680 ft. over rolling NE. slope. thru dense under-
growth.
- 32.10 Draw, 15 lks. wide, course NE., asc. 25 ft. over SE
slope.
- 36.00 Spur,, slopes NE., desc. 85 ft. over NW. slope to

Subdivision of T. 3 S. R. 15 E.

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

$\frac{1}{4}$
S31 | S32
1918

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Desc. 35 ft. over NW. slope.

41.00 Gulch, 20 lks. wide, course NE., asc. 90 ft. over SE. slope.

49.00 Old road, bears SW. and NE. on top of ridge, bears SW. and NE., desc. 60 ft. over NW. slope.
Stone house belonging to Dripping Springs Mine and Development Co., bears N. 72° W., about 15 chs. dist.

52.30 Draw, 15 lks. wide, course NE., well in draw, bears SW., about 60 lks. dist., asc. 75 ft. over SE. slope.

59.00 Prospect hole on line.

60.00 Ridge, bears SW. and NE., desc. 280 ft. over N. slope.

62.00 Prospect hole on line.

63.00 Prospect tunnel, bears W. about 1 ch. dist.

77.80 Gulch, 20 lks. wide, course E., a spring of clear water bears W. 20 lks. dist., asc. S. slope 55 ft. over S. slope. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, supported by a mound of stone, for the cor. of secs. 29, 30, 31 and 32, with brass cap marked

T3S R15E
S30 | S29
S31 | S32
1918

from which
A cottonwood, 20 ins. diam., bears S. 11 $\frac{1}{2}$ ° W., 240 lks. dist., marked "T3 S R 15 E S 31 B T", no other trees available, and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.
Soil, stony, 4th rate, lime and conglomerate formation.
Undergrowth, dense catclaw, mesquite, mescal, cacti, coffee and scrub oak.
Timber, very scattering cottonwood near N. end of mile.
Fair grass.

N. 89° 52' E. on a random line bet. secs. 29 and 32.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.76 Fall 12 lks. S. of the cor. of secs. 28, 29, 32 and 33. Thence
S. 89° 47' W., on a true line bet. secs. 29 and 32. Over rolling mts. land, thru dense undergrowth. On top of spur sloping E., asc. 50 ft.

3.00 Leave top of spur, slopes E., from SW., desc. 35 ft. over NW. slope.

11.00 Gulch, 20 lks. wide, course NE., asc. 285 ft. over broken NE. slope.

34.50 Spur, slopes N., desc. 140 ft. over W. slope.

39.25 Gulch, 35 lks. wide, course N., asc. 10 ft. over E. slope. to

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

S29
 $\frac{1}{4}$
S32
1918

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor., asc. 250 ft. over E. slope.

50.00 Top of spur, slopes NE. from W. Thence on top of spur. Asc. 110 ft.

63.00 Leave top of spur, slopes E. from NW., desc. 125 ft.

Subdivision of T. 3 S. R. 15 E.

Chains.

over S, slope.
 75.00 Bend in gulch, 25 lks. wide, course SE., from SW., asc. 85 ft. over SE. slope.
 78.70 SW. end of cliff, 40 ft. high, bears NE. and SW., facing SE. Asc. 5 ft. over S. slope to
 79.76 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling and mountainous.
 Soil, gravelly, 3rd and 4th rate, lime and conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, ocotillo, cacti, coffee and scrub oak.
 Fair grass.

 S. 89° 52' W., on a random line bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.22 Fall 5 lks. S. of the cor. of secs. 30 and 31 on the W. bdy. of the T., hereinbefore described.
 Thence
 N. 89° 54' E., on a true line bet. secs. 30 and 31.
 Over mts. and, thru dense undergrowth, desc. 200 ft. over E. slope.
 6.70 Head of gulch, course NE, asc. 55 ft. over NW. slope.
 15.20 Ridge, bears SW. and NE., desc. 465 ft. over SE. slope.
 15.50 Wire fence, bears NE. and SW.
 37.00 Gulch, 15 lks. wide, course NE., asc. 60 ft. over NW. slope to
 39.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S30
 $\frac{1}{4}$ ———
 S31
 1918

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Asc. 10 ft. over NW. slope.
 40.20 Ridge, bears NE. and SW., desc. 50 ft. over SE. slope.
 40.70 Old road, bears NE. and SW.
 42.20 Prospect shaft, bears N. about 30 lks. dist.
 47.20 Change from SE. to SW. slope.. Prospect tunnel bears S. about 1 ch. dist., asc. 30 ft.
 53.20 Spur, slopes S., desc. 280 ft. over S. slope to
 79.22 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, stony, 4th rate, lime and igneous formation.
 Undergrowth, dense catclaw, mesquite, cacti, ash, coffee, and scrub oak.
 Timber, scattering pine and cedar and cottonwood.
 Fair grass.

 N. 0° 03' W. bet. secs. 29 and 30.
 Over rolling and broken land, thru dense undergrowth.
 Asc. 90 ft. over SE. slope.
 4.00 Spur, slopes NE., desc. 40 ft. over NW. slope.
 6.15 Draw, 15 lks. wide, course NE, asc. 50 ft. over SE. slope.
 9.80 Prospect hole on line.
 13.00 Spur, slopes NE., desc. 25 ft. over N. slope to
 15.00 Head of draw, course NE. Desc. 230 ft. over NE. slope to
 26.90 Draw, 20 lks. wide, course NE. Desc. 25 ft. over NE. slope to
 32.00 Spur, slopes NE. Desc. 75 ft. over N. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S30 | S29
 1918

Chains

and raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
 Desc. slightly to
 40.50 Draw, 15 lks. wide, course NE. Asc. 20 ft. over SE. slope.
 43.00 Spur, slopes NE. Desc. 30 ft. to
 48.50 Spur, slopes NE. Desc. 80 ft. to
 55.50 Spur, slopes NE. Desc. 60 ft. over N. slope to
 59.00 Foot of desc. bears E. and W., Leave rolling and broken land and enter level land in Dripping Springs Valley.
 62.50 Dripping Springs Wash, 200 lks. wide, 3 ft. deep, course E.
 72.00 Wash, 60 lks. wide, 1 ft. deep, course SE.
 79.60 Globe-Winkelmann road, bears W. and E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 19, 20, 29 and 30, with brass cap marked

T3S R15E
 S19 S20
 S30 S29
 1918

and raise a mound of stone, 2½ base, 1½ ft. high, W. of cor.
 Land, rolling, broken and level.
 Soil, gravelly and sandy loam, 2nd to 4th rate, conglomerate formation.
 No timber.
 Undergrowth, dense catclaw, mesquite, mescal, cacti, coffee and scrub oak.
 Fair grass.

 40.00 N. 89° 47' E., on a random line bet. secs. 20 and 29. Set temp. ¼ sec. cor.
 79.70 Fall 5 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence
 S. 89° 49' W., on a true line bet. secs. 20 and 29.
 Over gently rolling land, thru dense undergrowth. Desc. slightly over S. slope.
 7.70 Wash, 30 lks. wide, 4 ft. deep, course SE. Asc. slightly over SE. slope to
 15.00 Leave gently rolling and enter heavily rolling land. Asc. 110 ft. over E. slope.
 22.30 Spur, slopes SE, desc. 75 ft. over SW. slope.
 27.50 Gulch, 15 lks. wide, course SE., asc. 135 ft. over SW. slope.
 35.30 Spur, slopes SE., Desc. 20 ft. over SW. slope.
 39.00 Asc. 10 ft. over E. slope to
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

S20
 ¼
 S29
 1918

and raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.
 Asc. 5 ft. over E. slope to
 40.50 Spur, slopes SE. Desc. 30 ft. over S. slope to
 44.00 Spur, slopes S., Desc. 45 ft. over SW. slope to
 47.30 Asc. 60 ft. over SE. slope.
 52.00 Point of spur, slopes S., Cutteler and Bywater's cabin bears S. 25° W., about 30 chs. dist., desc. 100 ft. over W. slope.
 61.70 Gulch, 10 lks. wide, course S. asc. 20 ft. over E. slope.
 62.60 Point of spur, from NW., desc. 25 ft. over SW. slope.
 64.00 Leave rolling and enter level land of Dripping Springs valley bears NW. and SE.
 74.40 Wash, 30 lks. wide, 3 ft. deep, course SE.
 79.70 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling and level.
 Soil, sandy loam and gravelly, 2nd to 4th rate, conglomerate formation.
 Timber, None.
 Undergrowth, dense catclaw, mesquite, cacti, palo verde greasewood, coffee and scrub oak.

Subdivision of T. 3 S. R. 15 E.

Chains.

Fair grass.

- 40.00 S. 89° 54' W., on a random line bet. secs. 19 and 30.
- 78.92 Set temp. 1/4 sec. cor.
- Fall 26 lks. S. of the cor. of secs. 19 and 30 on the W. bdy. of the Tp.; herein before described.
- Thence
- S. 89° 55' E., on a true line bet. secs. 19 and 30
- Over rolling land, thru dense undergrowth. Asc. 60 ft. over S. slope.
- 8.00 Spur, slopes S. desc. 315 ft. over SE. slope.
- 19.00 Head of draw, course S. asc. 55 ft. over SW. slope.
- 26.00 Spur, slopes SE., desc. 155 ft. over NE. slope.
- 33.70 Enter wash 50 lks. wide, course E., from NW. Thence in wash. Leave rolling and enter level land, bears NW. and SE.
- 38.00 Leave wash, course SE. from W., continue along level land.
- 38.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

S19
 1/4
 S30
 1918

from which

A mesquite, 8 ins. diam., bears S. 20° E., 41 lks. dist. marked "1/4 S 30 BT". no other tree available.
 And raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high N. of cor.

Vacant cabin, bears N. 65° E., about 3 chs. dist.

- 48.00 Leave level land and re-enter rolling land. Asc. 25 ft. over SW. slope
- 50.25 Spur, slopes S., Dripping Springs Ranch, bears S. 39° W., about 20 chs. dist., desc. 45 ft. over SE. slope.
- 52.50 Road, bears NE. and SW.
- 56.00 Spur, slopes SE., desc. 75 ft. over NE. slope.
- 61.00 Wash, 60 lks. wide, 1 ft. deep, course SE. Leave rolling and enter level land bears NW. and SE.
- 70.00 Wash, 40 lks. wide, 1 ft. deep, course SE.
- 78.00 Globe-Winkelman road, bears NW. and SE.
- 78.92 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and level.
Soil, sandy loam and stony, 2nd to 4th rate, conglomerate formation.

No timber.

Undergrowth, dense catclaw, mesquite, palo verde, cacti, ocotillo, greasewood, coffee and scrub oak.

Fair grass.

 N. 0° 03' W., bet. secs. 19 and 20
 Over rolling land, thru dense undergrowth. Asc. 30 ft. over SE. slope to

- 11.00 Gulch, 30 lks. wide, course SE. Asc. 20 ft. over E. slope.
- 16.50 Gulch, 20 lks. wide, course SW. Asc. 25 ft. over W. slope.
- 19.50 Same gulch 20 lks. wide, course SE. Asc. 165 ft. over SW. slope to
- 40.00 Head of same gulch, course SW. Set an iron post, 3 ft. long, 1 in. diam.; 26 ins. in the ground for 1/4 sec. cor. with brass cap marked

1/4
 S19 | S20
 1918

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

Asc. 25 ft. over S. slope.

- 42.20 Spur, slopes SW., desc. 50 ft. over NW. slope.
- 44.80 Draw, 15 lks. wide, course SW.

Subdivision of T 3 S. R. 15 E.

BOOK 3397

Chains									
	Asc. 50 ft. over SE. slope.								
47.30	Spur, slopes SW., desc. 100 ft. over NW. slope.								
50.80	Head of draw, course SW., asc. 165 ft. over S. slope.								
60.00	Spur, slopes SW., desc. 30 ft. over NW. slope								
68.00	Head of draw, course SW, asc. 40 ft. over W. slope.								
74.00	Ridge, bears NW. and SE., desc. 100 ft. over NE. slope.								
78.00	Wash, 150 lks. wide, course SE., asc. 25 ft. over SW. slope to								
80.00	Spur, slopes SW., Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 17, 18, 19 and 20, with brass cap marked								
	<table border="1"> <tr> <td>T3S</td> <td>R15E</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> <tr> <td colspan="2">1918</td> </tr> </table>	T3S	R15E	S18	S17	S19	S20	1918	
T3S	R15E								
S18	S17								
S19	S20								
1918									
	from which								
	A cedar, 10 ins. diam., bears S. 50° W., 5 lks dist., marked "T 3 S R 15 E. S 19 B T", no other trees available, and raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor.								
	Land, rolling.								
	Soil, gravelly, 4th rate, conglomerate formation.								
	Undergrowth, dense cat claw, mesquite, cacti, palo verde, cedar, ocotillo, dagger, greasewood, coffee and scrub oak.								
	No timber								
	Fair grass.								

40.00	N. 89° 49' E. on a random line bet. secs. 17 and 20.								
79.78	Set temp ¼ sec. cor. Fall 10 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence								
	S. 89° 53' W., on true line bet. secs. 17 and 20.								
	Over mountainous land, thru dense undergrowth. Desc. 60 ft. over W. slope.								
1.75	Head of gulch, course S., asc. 70 ft. over E. slope.								
5.50	Ridge, bears N. and S., desc. 175 ft. over W. slope.								
12.00	Draw, 16 lks. wide, course SW., asc. 60 ft. over SE. slope.								
15.10	Point of spur, slopes S., desc. 100 ft. over SW. slope.								
18.00	Gulch, 30 lks. wide, course S., A spring bears N., about 50 lks. dist., asc. 200 ft. over E. slope.								
27.80	Ridge, bears N. and S., desc. 135 ft. over W. slope.								
35.00	Gulch, 30 lks. wide, course S., asc. 110 ft. over E. slope to								
39.89	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground for ¼ sec. cor., with brass cap marked								
	<table border="1"> <tr> <td>S17</td> </tr> <tr> <td>¼</td> </tr> <tr> <td>S20</td> </tr> <tr> <td>1918</td> </tr> </table>	S17	¼	S20	1918				
S17									
¼									
S20									
1918									
	and raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.								
	Asc. 10 ft. over E. slope.								
40.80	Spur, slopes S., desc. 110 ft. over W. slope.								
47.20	Gulch, 20 lks. wide, course S., asc. 100 ft. over E. slope								
55.00	Spur, slopes S., desc. 75 ft. over W. slope.								
58.30	Draw, 15 lks. wide, course S., asc. 40 ft. over SE. slope to								
60.50	Point of spur, slopes S., desc. 30 ft. over SW. slope.								
63.20	Draw, 15 lks. wide, course SE., asc. 85 ft. over NE. slope.								
67.99	Ridge, bears NW. and SE., desc. 100 ft. over SW. slope.								
76.50	Gulch, 75 lks. wide, course S., asc. 30 ft. over SE. slope.								
77.90	Point of spur, slopes S., desc. 15 ft. over SW. slope to								
79.78	The cor. of secs. 17, 18, 19 and 20.								
	Land, mountainous.								
	Soil, gravelly, 4th rate, conglomerate formation.								
	No timber.								

Subdivision of T. 3 S. # 15 E.

Chains.	
	Undergrowth, dense catclaw, mesquite, cedar, palo verde, cacti, dagger, coffee and scrub oak. Fair grass.

	N. 89° 55' W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.61	Fall 7 lks. S. of the cor. of secs. 18 and 19 on the W. bdy. of the Tp., herein before described.
	Thence
	S. 89° 52' E., on a true line bet. secs. 18 and 19.
	Over rolling land, thru dense undergrowth. Asc. 10 ft. over S. slope.
6.70	Wash, 15 lks. wide, 2 ft. deep, course SE. Asc. 20 ft. over SW. slope to
15.00	Asc. 30 ft. over W. slope.
16.80	Ridge, bears N. and S. desc. 25 ft. over E. slope.
22.00	Wash, 15 lks. wide, 2 ft. deep, course S., asc. 85 ft. over SW. slope.
30.00	Spur, slopes SE., Desc. 60 ft. over E. slope. to wash.
35.70	Old road, bears NW. and SE.
38.21	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked.
	S18 $\frac{1}{4}$ — WC B19 1918
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
38.61	True point for $\frac{1}{4}$ sec. cor. falls in center of wash, 40 lks. wide, 2 ft. deep, course SE., asc. 65 ft. over SW. slope.
44.60	Spur, slopes S., desc. 75 ft. over E. slope.
48.00	Draw, 15 lks. wide, course S., asc. 135 ft. over W. slope.
53.60	Spur, slopes S., desc. 140 ft. over E. slope.
61.60	Draw, 30 lks. wide, course S., asc. 90 ft. over SW. slope.
65.26	Globe-Winkelman road, bears NW. and SE., on ridge, bears NW. and SE., desc. 70 ft. over NE. slope.
70.90	Draw, 16 lks. wide, course SE., asc. 55 ft. over SW. slope.
73.80	Ridge, bears NW. and SE., desc. 85 ft. over NE. slope.
77.75	Wash, 150 lks. wide, course SE., asc. 20 ft. over SW. slope.
78.61	The cor. of secs. 17, 18, 19 and 20. Land, rolling. Soil, sandy loam and gravelly, 2nd to 4th rate, conglomerate formation. No timber. Undergrowth, dense cat claw, mesquite, palo verde, cacti, yucca, dagger, mescal, cedar, coffee and scrub oak. Fair grass.

	N. 0° 03' W., bet. secs. 17 and 18.
	Over rolling land, thru dense undergrowth, asc. 115 ft. over SW. slope.
12.00	Point of spur, slopes SW., desc. 55 ft. over NW. slope.
18.50	Draw, 20 lks. wide, course SW., asc. 115 ft. over S. slope.
27.00	Spur, slopes SW., desc. 90 ft. over NW. slope.
37.30	Bend in wash, 75 lks. wide, course Sw. from NW. A wash from NE. enters the wash W. of line at this point. Asc. 45 ft. over SW. slope to
40.00	Point of spur, slopes SW., set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T 3 S. R. 15 E.

Chains.

1/4
S18 | S17

1918

- and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
- Desc. 35 ft. over NW. slope.
- 45.00 Same wash crossed at 37.30 ch. station, course SW., asc. 10 ft. over E. slope to
- 47.00 Same wash, course SE. Asc. 25 ft. over W. slope to
- 53.20 Same wash, course SW., asc. 200 ft. over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in. the ground for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T3S | R15E
S 7 | S 8
S18 | S17

1918

- and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
- Land, rolling,
- Soil, gravelly, 4th rate, conglomerate formation.
- No timber.
- Undergrowth, dense catclaw, mesquite, ocotillo, cacti, dagger, cedar, palo verde, coffee and scrub oak.
- Fair grass.

- 40.00 N. 89° 53' E., on a random line bet. secs. 8 and 17. Set temp. 1/4 sec. cor.
- 79.84 Fall 12 lks. S. of the cor. of secs. 8, 9, 16 and 17. Thence.
- S. 89° 48' W., on true line bet. secs. 8 and 17.
- Over mts. land, thru dense undergrowth. Asc. 20 ft. over E. slope.
- .65 Spur, slopes SE., desc. 50 ft. over SW. slope.
- 2.20 Draw, 10 lks. wide, course SE., asc. 110 ft. over E. slope.
- 7.85 Spur, slopes SE., desc. 45 ft. over SW. slope.
- 13.90 Draw, 15 lks. wide, course SE., asc. 220 ft. over SE. slope.
- 22.85 Ridge, bears NE. and SW., desc. 150 ft. over W. slope. to
- 30.00 Desc. 45 ft. over S. slope to
- 34.35 Point of spur, slopes S., desc. 40 ft. over SW. slope.
- 36.70 Gulch, 20 lks. wide, course S. 10° W., asc. 40 ft. over E. slope.
- 38.85 Point of spur, slopes S., desc. 20 ft. over SW. slope.
- 39.75 Draw, 10 lks. wide, course SE., asc. slightly over E. slope. to
- 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in. the ground for 1/4 sec. cor., with brass cap marked.

S8
1/4
S17
1918

- and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.
- Asc. 215 ft. over SE. slope.
- 52.85 Ridge, bears NE. and SW., desc. 235 ft. over NW. slope to
- 70.00 Draw, 10 lks. wide, course SW. desc. 15 ft. over SW. slope.
- 71.80 Wash, 15 lks. wide, course S. 10° W., asc. 120 ft. over SE. slope.
- 78.35 Point of spur, slopes SE., Desc. 5 ft. over SW. slope to
- 79.84 The cor. of secs. 7, 8, 17 and 18.
- Land, mountainous.
- Soil, stony, 4th rate.
- No timber...
- Undergrowth, dense catclaw, mesquite, ocotilla, cacti, dagger, palo verde, coffee and scrub oak.
- Fair grass.

Subdivision of T. 3 S. R. 15 E.

Chains.

- N. 89° 52' W., on a random line bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.53 Fall 14 lks. N. of the cor. of secs. 7 and 18 on the W. bdy. of the Tp., hereinbefore described.
- Thence
- S. 89° 58' E., on a true line bet. secs. 7 and 18.
- Over mts. land, thru dense undergrowth. Asc. 65 ft. over W. slope.
- 1.50 Spur, slopes S., desc. 160 ft. over SE; slope.
- 11.10 Gulch, 35 lks. course S., asc. 250 ft. over W. slope.
- 25.00 Ridge, bears N. and S., desc. 90 ft. over E. slope.
- 25.50 Old road, bears N. and S.
- 28.45 Draw, 10 lks. wide, course SE., asc. 130 ft. over SW. slope.
- 34.50 Spur, slopes S., desc. 60 ft. over SE. slope to
- 38.53 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 7
 $\frac{1}{4}$ ———
 S18
 1918

- and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- Desc. 105 ft. over SE. slope.
- 43.00 Draw, course SE. Desc. slightly over S. slope.
- 46.15 Gulch, 35 lks. wide, course SW., asc. 105 ft. over NW. slope.
- 54.20 Ridge, bears NE. and SW., desc. 130 ft. over SE. slope.
- 54.70 Road, bears NE. and SW., Globe-Winkelman.
- 62.85 Draw, 10 lks. wide, course SE., asc. 60 ft. over SW. slope.
- 66.00 Spur, slopes SE., desc. 80 ft. over E. slope.
- 69.80 Gulch, 15 lks. wide, course S., asc. 135 ft. over W. slope.
- 75.50 Ridge, bears N. and S., desc. 50 ft. over SE. slope to
- 78.53 The cor. of secs. 7, 8, 17 and 18.
- Land, mountainous.
- Soil, stony, 4th rate, conglomerate formation.
- No timber.
- Undergrowth, dense catclaw, mesquite, ocotillo, cacti, dagger, palo verde, coffee and scrub oak.
- Fair grass.

N. 0° 03' W., bet. secs. 7 and 8.
 Over mountainous land, thru dense undergrowth. Asc. 100 ft. over SE. slope.

- 12.00 Ridge, bears NE. and SW., desc. 50 ft. over NW. slope.
- 29.00 Gulch, 15 lks wide, course SW., asc. 75 ft. over SE. slope.
- 35.00 Point of spur, slopes SE., desc. 30 ft. over NE. slope.
- 38.65 Draw, 10 lks. wide, course SE., asc. 15 ft. over SW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 7 | S 8
 1918

- and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- Asc. 200 ft. over SW. slope to
- 50.00 Spur, slopes SE., asc. 75 ft. over SE. slope.
- 53.60 Globe - Winkelman road, bears NE. and SW.
- 55.50 Point of spur, slopes SE., desc. 100 ft. over NE. slope.
- 56.20 Globe-Winkelman road, bears NW. and SE.
- 61.25 Draw, 10 lks. wide, course SE., asc. 60 ft. over SW. slope.

Subdivision of T. 3 S. R. 15 E.

Chains.

- 65.50 Spur, slopes SE., desc. 60 ft. over SE. slope.
- 69.50 Head of draw, course SE., asc. 95 ft. over SE. slope.
- 74.50 Spur, slopes E., desc. 25 ft. over NE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 5, 6, 7 and 8, with brass cap marked

T3S R15E
 S6 | S 5
 S 7 | S 8
 1918

from which

A cedar, 6 ins. diam., bears N. 31° E., 198 lks. dist., marked "T 3 S R 15 S 5 BT", No other trees available, and raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor.

Land, mountainous.

Soil, stony, 4th rate, conglomerate formation.

No timber.

Undergrowth, dense catclaw, mesquite, ocotillo, cacti, dagger, cedar, palo verde, coffee and scrub oak.

Fair grass.

- 40.00 N. 89° 48' E., on a random line bet. secs. 5 and 8. Set temp. ¼ sec. cor.

- 79.80 Fall 3 lks. N. of the cor. of secs. 4, 5, 8 and 9. Thence

S. 89° 49' W., on true line bet. secs. 5 and 8.

Over mountainous land, thru dense undergrowth. Asc. 20 ft. over E. slope.

- 5.80 Ridge, bears N. and S., desc. 370 ft. over SW. slope.

- 26.30 Gulch, course S., asc. 330 ft. over E. slope to

- 39.90 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, supported by a mound of stone for ¼ sec. cor., with brass cap marked

S 5
 ¼
 S 8
 1919

and raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

Asc. slightly over E. slope to

- 40.80 Ridge, bears N. and S., desc. 350 ft. over SW. slope.

- 62.30 Gulch, course S. asc. 70 ft. over E. slope.

- 65.80 Spur, slopes S., desc. 35 ft. over SW. slope.

- 69.70 Draw, course SE., asc. 180 ft. over SE. slope to

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

Land, mountainous.

Soil, stony, 4th rate, lime and conglomerate formation.

No timber.

Undergrowth, dense catclaw, mesquite, cacti, ocotillo, dagger, coffee, palo verde and scrub oak.

Fair grass.

- 40.00 N. 89° 58' W., on a random line bet. secs. 6 and 7. Set temp. ¼ sec. cor.

- 78.32 Fall 2 lks. S. of the cor. of secs. 6 and 7 on the W. bdy. of the Tp., hereinbefore described.

Thence S. 89° 57' E., on a true line bet. secs. 6 and 7.

Over mountainous land, thru dense undergrowth. Desc. 55 ft. over E. slope.

- 1.85 Draw, 15 lks. wide, course SE., asc. 70 ft. over SW. slope.

- 7.00 Point of spur, slopes SE., desc. 250 ft. over E. slope.

Subdivision of T. 3 S. R. 15 E.

Chains.
 19.60 Gulch, 20 lks. wide, course SE., asc. 325 ft. over SW. slope to
 32.70 Spur, slopes SW., asc. 30 ft. over S. slope to
 36.00 Head of draw, course SW., asc. 65 ft. over W. slope to
 38.32 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 6
 $\frac{1}{4}$ ———
 S 7
 1918

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Asc. 190 ft. over W. slope.
 47.60 Old road, bears NE. and SW.
 48.00 Ridge, bears NE. and SW., desc. 255 ft. over E. slope.
 61.10 Draw, 15 lks. wide, course SE., from N., asc. 60 ft. over SW. slope.
 67.25 Point of spur, slopes S. desc. 20 ft. over SE. slope.
 72.90 Draw, 20 lks. wide, course SW. asc. 80 ft. over SW. slope.
 75.05 Globe-Winkelman road, bears NW. and SE: on ridge, bears NW. and SE., desc. 50 ft. over NE. slope to
 78.32 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, stony, 4th rate, lime and conglomerate formation.
 No timber.
 Undergrowth; dense catchaw, mesquite, cacti, ocotillo; dagger, palo verde, mescal, yucca, coffee and scrub oak.
 Fair grass.

 N. 0° 18' E., on a random line bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.11 Fall 9 lks. E. of the cor. of secs. 5, 6, 31 and 32 on the N. bdy. of the Tp., hereinbefore described.
 Thence
 S. 0° 14' W., on a true line bet. secs. 5 and 6.
 Over mountainous land, thru dense undergrowth. Desc. 85 ft. over SE. slope.
 4.60 Wash, 15 lks. wide, course SW., asc. 20 ft. over NW. slope.
 13.10 Point of spur, slopes SW., desc. 95 ft. over SW. slope.
 20.75 Same wash, 20 lks. wide, course SE., asc. 85 ft. over NE. slope.
 24.70 Point of rocky spur, slopes E., desc. 175 ft. over SE. slope to
 40.11 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 6 | S 5
 1919

from which
 A cedar, 14 ins. diam., bears N. 62 $\frac{1}{4}$ ° E., 202 lks. dist. marked " $\frac{1}{4}$ S 5 B T", on other tree available:
 and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., desc. 30 ft. over E. slope to
 47.10 Spur, slopes SE., desc. 155 ft. over SW. slope.
 54.60 Draw, 15 lks. wide, course SE., asc. 80 ft. over E. slope.
 64.10 Spur, slopes SE., desc. 75 ft. over S. slope to
 68.00 Head of draw, course SE., desc. 25 ft. over E. slope to
 75.00 Asc. 5 ft. over E. slope to
 80.11 The cor. of secs. 5; 6, 7 and 8.
 Land, mountainous:
 Soil, stony, 4th rate, lime and conglomerate formation.
 So

Subdivision of T. 3 S. R. 15 E.

BOOK 3897

Chains.
 No timber.
 Undergrowth, dense cat claw, mesquite, ocotillo, cacti,
 dagger, cedar, palo verde, mezcal, coffee and scrub
 oak.
 Fair grass.

Boundaries of T. 3 S., R. 15 E.
 Latitudes, departures, and closing errors.

Line Designated	True Bearing	Dis- tance	Latitudes		Departures	
			N.	S.	E.	W.
S. bdy.-----	S. 89° 52' W	Chs. 479.68		Chs. 1.12		Chs. 479.68
W. bdy.-----	North	480.00	480.00			
N. bdy.-----	N. 89° 59' E.	478.65	.14		478.65	
E. bdy.-----	South	480.00		480.00		
Convergency-----					.47	
Totals.-----			480.14	481.12	479.12	479.68
				480.14		479.12
	Error in lat-----			.98		
	Error in dep.-----					0.56

GENERAL DESCRIPTION.

This township is very rough and broken. The soil in the narrow valley, known as the Dripping Springs or Disappointment Valley is sandy loam, 2nd rate, would raise fine crops with irrigation, most of this township is stony, 4th rate soil. There are a number of small springs. Fair grazing over the whole township, which is also covered with dense undergrowth, with a little timber in scattered sections.

There are settlers in secs. 3, 4, 30 and 34.

BOOK 3207

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William B. Kimmel, U.S. Cadastral Engineer, U.S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General, for Group 71, Arizona,

bearing date of the 31st day of October, 1917, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, surveyed all those parts or portions of West and North

boundaries, and Subdivision Lines of

TOWNSHIP 3 SOUTH, RANGE 15 EAST,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in

and by diagram on page 1 hereof

the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 71, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

San Francisco, Calif.

January 10, 1920.

William B. Kimmel

U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 7, 1921.

The foregoing field notes of the survey of West and North Boundaries and

Subdivisional Lines,

TOWNSHIP 3 SOUTH, RANGE 15 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William B. Kimmel, U. S. Cadastral Engineer,

under special instructions dated October 31, 1917, for Group 71, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frederic B. Pratt

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.