

BOOK "M"

2639

FIELD NOTES

OF THE SURVEY OF ~~THE~~

the Subdivision lines of

FRACTIONAL TOWNSHIP No 19 NORTH

RANGE No 8 WEST

Of the *Gila and Salt River Base* ^{of} Meridian,

In the State of *ARIZONA*

EXECUTED BY

SIDNEY E. BLOUT

In the capacity of U. S. Surveyor..., under instructions dated *May 29*, 1912,
issued by the United States Surveyor General to govern surveys included in
Group No. *20*, which were approved by the Commissioner of the General Land
Office, *June 20*, 1912, pursuant to authority contained in the Act of
Congress dated *June 23*, 1913

Survey commenced *July 1*, 1913

Survey completed *July 7*, 1913

BOOK 2639

INDEX DIAGRAM.

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FRACTIONAL
Subdivision of T.19 N., R.8 W.

Chains. Survey commenced July 1, 1913 and executed with a Young & Sons light mountain transit No. 10 with a Smith Solar attachment. The horizontal limb being provided with two double verniers placed opposite to each other, reading to single minutes of arc.

I examine the adjustments of the transit and find them correct, and know from recent tests of the solar apparatus by comparing its indications, resulting from solar observations made during a.m., and p.m. hours, with a meridian determined by observations on Polaris, that the instrument is in satisfactory adjustment.

All measurements were made with a 5.00 ch. steel tape, with clinometer for determining slope angles.

July 1⁹¹³ At 10^h 03^m a., m., l.m.t. I set off 35° 04' N. on the lat. arc, 23° 08' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35, and 36 on N. bdy. of Tp., which is a malpais stone 8x8x6 ins. above ground, marked and witnessed as described by the surveyor general.

Thence I run,

S. 0° 01' E., bet. secs. 1 and 2,

Descend SW. slope, over hilly stony land, through scattering bunch grass.

30.00 A reservoir, bears west, about 25.00 chs. dist.

37.90 Old road from Anvil Rock to Seligman bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S 2 in W. half, and S 1 in E. half.

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

57.50 Bottom of rocky canyon, cross dry ravine, 30 lks. wide, course N. 70° W., ascend N. slope.

58.00 Enter scattering cedar timber, bears E. and W.

68.50 Top of ascent, on point of ridge, bears NE. and SW., desc., leave timber, bears E. and W.

79.00 Dry ravine, 10 lks. wide, course N. 60° E. asc.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11, and 12., marked on brass cap $\frac{1913}{4}$ T 19 N., R 8 W. in N. half., S 2 in NW, S 1 in NE., S 12 in SE., and S 11 in SW. quadrant.

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

N. 50 chs. hilly, prairie land, S. slope; soil, black, adobe loam, 12 ins. deep, stony, dry, on clay sub soil, good growth of bunch grass; S. 30 chs. hilly, poor, sandy and stony, subsoil clay loam. Timber, scrub cedar.

S. 89° 37' E., on a random line, bet. secs. 1 and 12,

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

80.06 Intersect E. bdy. of Tp., 13 lks. S. of the cor. of secs. 1, 6, 7, and 12, estab. by me yesterday as described in Book "L",

Thence I run,

N. 89° 42' W., on a true line, bet. secs. 1 and 12,

Ascend SE. slope, over rolling stony mesa land, through bunch grass.

5.00 Top of ridge, bears N. 30° W. and S. 30° E., descend steep SW. slope.

30.06 Old road, from Anvil Rock to Seligman, Arizona, bears N. 45° W. and S. 45° E.

35.00 Foot of descent, leave hilly, stony land, bears N. and S., Enter sandy bottom land.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S 1 in N. half and S 12 in S. half, from which

A lone juniper, 8 ins. in diam., bears S. 42 $\frac{1}{2}$ ° W., 157 lks. dist, marked $\frac{1}{4}$ S 12 BT. No other trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

Note: At this cor. I set off 23° 08' N. on the decl. arc, and at noon observe the sun on the meridian, the resulting latitude being 35° 03' N.

FRACTIONAL

Subdivision of T 19 N., R. 8 W.

Chains.

- 44.00 Dry ravine, 25 lks. wide, course N. 30° W.
- 49.00 Leave rolling, sandy, bottom land, bears NW. and SE., Enter stony, hilly land, ascend E. slope.
- 80.06 The cor. of secs. 1, 2, 11, and 12, ~~hereinafter~~ **hereinafter** described
The E. 35 chs. hilly, prairie land; soil, black, adobe loam, very stony, dry, on clay subsoil, good growth of bunch grass; W. 45 chs. rolling and hilly, E. slope; hilly portion, adobe and sandy loam, light, dry, on clay sub soil valley land good brown sandy loam, some gravel drains to NW. subsoil clay. Timber, scattering juniper, south of the line near the $\frac{1}{4}$ sec. cor.
-
- S. 0° 01' E., bet. secs. 11 and 12,
Ascend NE. slope, over rolling stony land, through bunch grass.
- 26.80 Old road, from Anvil Rock to Seligman, Arizona, bears E. and W.
- 36.95 Old road, from Anvil Rock to Seligman, Arizona, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹³¹ S 11 in W. half and S 12 in E. half
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- 60.00 Top of ridge, bears NE. and SW., desc. gradually.
- 64.50 Dry ravine, 5 lks. wide, course east, asc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13, and 14., marked on brass cap ¹⁹³¹ T 19 N., R. 8 W. in N. half. S 11 in NW., S 12 in NE., S 13 in SE. and S 14 in SW. quad.
Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
Pits impracticable.
This entire mile is high gently rolling prairie land NE. slope, dark adobe loam, stony, dry, and underlaid with a clay subsoil at a depth of about 14 ins. No timber.
-
- S. 89° 42' E., on a random line, bet. secs. 12 and 13,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 80.04 Intersect E. bary of Tp. at the cor. of secs. 7, 12, 13, and 18, ~~established by me this day as described in Book "L".~~ Thence I run, N. 89° 42' W., on a true line, bet. secs. 12 and 13,
Ascend E. slope of ridge, over stony, hilly land, through scattering juniper timber.
- 1.00 Top of ridge, bears N. and S., desc.
- 15.00 Leave timber, bears NW. and SE.
- 25.00 Dry ravine, 8 lks. wide, course NW, asc.
- 28.00 Point of ridge, bears NW. and SE., desc.
- 35.00 Foot of descent, leave hilly land, bears N. 30° E. and S. 30° W., Enter level bottom land.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹³¹ S 12 in N., and S 13 in S. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- 53.50 Dry ravine, 15 lks. wide, course north.
- 60.00 Leave level, sandy, bottom land, bears N. 35° E., and S. 35° W., ascend E. slope, over stony hilly land.
- 80.04 The cor. of secs. 11, 12, 13, and 14, ~~hereinafter~~ **hereinafter** described
E. 35 chs. broken and hilly; ridges with very light poor sandy loam, washed badly on the slopes, for the greater part of this distance sand stone formation underlies the soil at depths varying from a few inches to several feet.; W. 45.00 chs. level and rolling, the level portion sandy loam, fine texture, on adobe sub soil very dry. the soil of the hilly portion adobe dark color coarse and very dry, underlaid by clay subsoil; good growth of bunch grass. bottom land drains to NE. Timber juniper.

FRACTIONAL
Subdivision of T 19 N., R 8 W.

Chains

S. 0°01'E., bet. secs. 13 and 14.
Ascend gentle NE. slope, through heavy bunch grass.

1.50 Top of gradual ascent, on ridge, bears E. and W., desc. S. slope.

19.50 Dry ravine, 6 lks. wide, course NE., ascend ridge.

25.00 Top of ridge, bears NE. and SW., desc.

38.10 Dry ravine, 8 lks. wide, course NE., asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{19}{32}$ S 14 in W. half and S 13 in E. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23, and 24., marked on brass cap $\frac{19}{32}$ T 19 N., R 8 W. in N. half., S 14 in NW., S 13 in NE., S 24 in SE. and S 23 in SW. quadrant.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., Pits impracticable.
N. 40 chs. high, rolling, prairie land, sloping gently to NE., soil, dark, adobe loam, very coarse and dry, on clay subsoil, covered with good growth of bunch grass.; S. 40 chs., sandy loam, very light and dry, subsoil, adobe and clay.
No timber.

S. 89°42'E., on a random line, bet. secs. 13 and 24,

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

80.02 Intersect E. bdry. of Tp., 10 lks. S. of the cor. of secs. 13, 18, 19, and 24, estab. by me this day as described in Book "L"
Thence I run,
N. 89°46'W., on a true line, bet. secs. 13 and 24,
Ascend NE. slope of ridge, over rolling, stony land, covered with bunch grass.

20.00 Top of ridge, bears N. 30°E., and S. 30°W., desc. NW. slope.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{19}{32}$ S 13 in N. half and S 24 in S. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor., Pits impracticable.

57.30 Dry ravine, 10 lks. wide, course N. 15°E., heads about 15 chs. S. of the line, ascend NE. slope, through mahogany brush 8 ft. high.

80.02 The cor. of secs. 13, 14, 23, and 24, hereinbefore described
This mile is rolling prairie land, the soil very light and sandy and is underlaid by clay and sandstone subsoil. with a good growth of bunch grass. No timber.

July 1, 1913.

July 3, 1913;

S. 0°01'E., bet. fractional secs. 23 and 24.
Ascend NE. slope, over stony, broken and hilly land, through Mountain Mahogany underbrush, 8 ft. high.

6.20 Top of ridge, bears N. 20°W., and S. 20°E., descend SW. slope.

12.64 Intersect N. bdry. of the Luis Maria Baca Grant No. 5, 328 lks. S. 89°38'W. of the $\frac{1}{2}$ mile cor., which is a malapais stone, 16x14x10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing corner of fractional secs. 23 and 24., marked on brass cap $\frac{19}{32}$ CC. N. of center.. T 19 N., R 8 W. in N. half, and L.M.B. No. 5 in S. half. S. 23 in NW. and S 24 in NE. quadrant.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
The entire distance is rough, broken and hilly, the soil clayey and stony, very dry and underlaid with volcanic stone and clay subsoil. The N. 6 chs. is covered with a good growth of bunch grass. No timber.

July 3, 1913.

FRACTIONAL
Subdivision of T 19 N., R. 8 W.

Chains.

- July 2¹⁹¹³ At 6^h 33^m 34^{am} a.m., l.m.t. I set off 35°04¹/₂ N. on the lat. arc, 23905¹/₂ N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 2, 3, 34, and 35 on N. bdy. of Tp., which is a malpais stone in place 4x4x3 ft. above ground, marked and witnessed as described by the surveyor general.
- Thence I run,
S. 0°01' E., bet. secs. 2 and 3,
Ascend NE. slope, over rolling stony hilly land.
- 27.30 Road, from Anvil Rock to Seligman, Arizona, bears N. 70° W. and S. 70° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³/₄ S 3 in W. half and S 2 in E. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., Pits impracticable.
- 50.00 Summit of ridge, bears NW. and SE., descend gradually, over SE. slope.
- 51.75 Dry ravine, 6 lks. wide, course NW., ascend ridge.
- 68.30 Top of ridge, bears NW. and SE., desc.
- 71.00 Dry ravine, 15 lks. wide, course NW., asc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10, and 11., marked on brass cap ¹⁹¹³/₄ T 19 N., R 8 W. in N. half. S 3 in NW., S 2 in NE., S 11 in SE. and S 10 in SW. quadrant.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
N. 50 chs. rolling, prairie land, N. slope; soil, adobe, clay loam, 10 ins. deep, very stony and coarse, very dry and hard. S. 30 chs. rolling S. slope; soil, sandy on clay subsoil, very dry; good growth of bunch grass. No timber.
-
- S. 89°58' E., on a random line, bet. secs. 2 and 11,
40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line, 07 lks. S. of the cor. of secs. 1, 2, 11, and 12, ~~hereinbefore described.~~
- Thence I run,
S. 89°59' W., on a true line, bet. secs. 2 and 11,
Ascend NE. slope, over rolling, prairie land.
- 35.00 Top of ridge, bears N. 10° W., and S. 10° E., descend gently.
- 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap ¹⁹¹³/₄ S 2 in N. half and S 11 in S. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
- 63.50 Dry ravine, 8 lks. wide, course NW., asc.
- 74.00 Top of low ridge, bears NW. and SE., desc.
- 80.08 The cor. of secs. 2, 3, 10, and 11, ~~hereinbefore described~~
This entire mile is gently rolling, prairie land; the soil is of a sandy loam; on clay subsoil the depth ranging from 6 to 12 ins. good growth of bunch grass. No timber.
-
- S. 0°01' E., bet. secs. 10 and 11,
Over rolling, stony land, slopes gently to NW.
- 18.00 Dry ravine, 10 lks. wide, course NW., asc. gradually.
- 21.40 Top of ridge, bears NW. and SE., desc., Road bears E. and W.
- 30.60 Dry ravine, 20 lks. wide, course NW., asc.
- 35.00 Top of ridge, bears NW. and SE., desc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³/₄ S 10 in W. half, and S 11 in E. half.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 47.10 Dry ravine, 15 lks. wide, course NW., asc.
- 52.00 Top of spur, bears NW. and SE., desc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14, and 15., marked on brass cap ¹⁹¹³/₄ T 19 N., R 8 W. in N. half., S 10 in NW., S 11 in

FRACTIONAL

Subdivision of T. 19 N., R. 8 W.

Chains. NE., S14 in SE., and S15 in SW. quadrant.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Pits impracticable.
 N. 13 chs. gently rolling prairie, NW. slope; soil, adobe clay,
 very stony, 10 ins. deep, dry; on clay subsoil; good growth of
 bunch grass: S. 62 chs. hilly, NW. slope; soil, sandy loam with a
 great deal of malapais stone on surface, dry, on clay subsoil.
 Fair growth of bunch grass. No timber.

 N. $89^{\circ}59'E.$, on a random line, bet. secs. 11 and 14,
 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
 80.04 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 11, 12,
 13, and 14, **hereinbefore described**
 Thence I run,
 N. $89^{\circ}56'W.$, on a true line, bet. secs. 11 and 14.
 Ascend E. slope, over rolling, stony land, through bunch
 grass.
 26.00 Top of ridge, bears NW. and SE., desc. gradually.
 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S11 in N. half
 and S 14 in S. half.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Pits impracticable.
 45.00 Dry ravine, 6 lks. wide, course NW., ascend gently.
 53.00 Top of ridge, bears NW. and SE., desc. gradually.
 80.04 The cor. of secs. 10, 11, 14, and 15, **hereinbefore described**
 This entire mile rolling hilly prairie land; soil coarse
 black adobe clay loam, very dry and full of loose
 malapais stone, subsoil clay; good growth bunch grass.
 No timber.

 S. $0^{\circ}01'E.$, bet. secs. 14 and 15,
 Descend SW. slope, over rolling, sandy and stony land,
 through bunch grass.
 6.00 Dry ravine, 6 lks. wide, course NW., asc.
 19.00 Enter cedar and juniper timber, bears E. and W.
 23.00 Top of ridge, bears E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S 15 in W.
 half and S 14 in E. half., from which,
 A cedar, 6 ins. in diam., bears N. $88^{\circ}E.$, 128 lks. dist., marked
 $\frac{1}{4}$ S 14 BT.
 A cedar, 8 ins. in diam., bears N. $3\frac{3}{4}^{\circ}W.$, 70 lks. dist., marked
 $\frac{1}{4}$ S 15 BT.
 Note: At this cor. I set off $23^{\circ}03\frac{1}{2}'N.$ on the decl. arc, and
 at noon observe the sun on the meridian, the resulting
 latitude being $35^{\circ}02'N.$
 40.50 Leave timber, bears E. and W.
 69.70 Dry ravine, 5 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for cor. of secs. 14, 15, 22, and 23., marked on
 brass cap $\frac{1913}{4}$ T 19 N., R 8 W. in N. half. S 15 in NW., S 14 in NE
 S 23 in SE. and S 22 in SW. quadrant.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Pits impracticable.
 N. 40 chs. hilly; soil, adobe, coarse and dry, on clay subsoil,
 surface thickly covered with malapais stone, good growth of
 bunch grass, S. 40 chs. rolling prairie, NW. slope; soil, sandy
 and adobe, dry, on clay subsoil. Timber, cedar and juniper.

 S. $89^{\circ}56'E.$, on a random line, bet. secs. 14 and 23,
 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
 80.18 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14,
 23, and 24, **hereinbefore described**
 Thence I run,
 N. $89^{\circ}58'W.$, on a true line, bet. secs. 14 and 23,

FRACTIONAL

Subdivision of T 19 N., R 8 W.

- Chains Ascend NE. slope of ridge, over stony, hilly land.
- 3.00 Top of ridge, bears N. 35°W. and S. 35°E., desc.
- 30.60 Dry ravine, 15 lks. wide, course NW., asc.
- 40.09 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S 14 in N. half and S 23 in S. half.
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- Pits impracticable.
- 44.50 Top of ridge, bears NW. and SE., desc.
- 56.40 Dry ravine, 10 lks. wide, course NW., asc.
- 66.00 Top of ridge, bears NW. and SE., desc.
- 80.18 The cor. of secs. 14, 15, 22, and 23, ~~hereinbefore~~ described
- This entire mile is hilly and broken, general slope NW.
- Soil, poor, sandy and stony loam, dry, on clay and sand stone subsoil; fair growth of bunch grass. No timber.

July 2, 1913.

July 3, 1913;

- S. 0°01'E. bet. fractional secs. 22 and 23,
Descend SW. slope, over rolling stony land.
- 6.50 Foot of descent, in depression, bears NW. and SE., ascend gently.
- 13.16 Intersect N. bdy. of the Luis Maria Baca Grant No. 5, 354 lks. N. 89°22'W. of the 11 mile cor., which I reestablished this day ~~as described in Book 115.~~ At point of intersection, I surveyor general., Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fractional secs. 22 and 23, marked on brass cap ¹⁹¹³ CC. N. of center, T 19 N., R 8 W. in N. half and L.M.B., No. 5 in S. half. S 22 in NW. and S 23 in NE. quadrant, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
- N. 6 chs., rolling, prairie land, SW. slope; soil, sandy loam, very light and dry, on clayey, stony subsoil, surface of ground, very stony, good grass.; S. 6 chs., rolling, stony and gravelly land, NE. slope; soil, volcanic ash, poor, on lava rock subsoil formation, poor growth of bunch grass. No timber.

July 3, 1913.

July 3, ¹⁹¹³ At 7^h 34^m a.m., l.m.t. I set off 35°04' N. on the lat. arc, 23°01' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 3, 4, 33, and 34 on N. bdy of Tp., which is a malpais stone, 12x8x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general,

- Thence I run,
S. 0°02'E., bet. secs. 3 and 4,
Descend SW. slope of ridge, over rolling gravelly land, through scattering cedar and juniper timber.
- 7.75 Foot of descent, in depression, bears NW. and SE., drains to NW., ascend gradually.
- 24.75 Top of ridge, bears N 60°W. and S. 60°E., descend gradually over S. slope.
- 25.00 Leave timber, bears E. and W.
- 30.00 Road, from Anvil Rock to Seligman, Arizona, bears E. and W.
- 32.60 Wire fence, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S 4 in W. half and S 3 in E. half.
- Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 62.25 Foot of depression, bears NE. and SW., drains to the SW., ascend gradually over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9, and 10., marked on brass cap ¹⁹¹³ T 19 N; R 8 W: in N. half. S 4 in NW., S 3 in NE., S 10 in SE., and S 9 in SW. quadrant.
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- Pits impracticable.
- N. 25 chs., hilly, N. slope; soil, poor, stony, dry, about 8 ins. deep, on on clay and decomposed lime stone subsoil; poor

FRACTIONAL
Subdivision of T 19 N., R 8 E.

Chains. growth of bunch grass. S. 50 chs., rolling, prairie land, S. and NW. slope; soil, sandy loam, 6 to 12 ins. deep, very dry on clay subsoil; good growth of bunch grass. Timber, cedar and juniper.

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- N. 89°56'E., on a random line, bet. secs. 3 and 10,
40.00 Set temp. $\frac{1}{4}$ sec. cor.,
80.16 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10, and 11, ~~hereinbefore~~ described
Thence I run,
S. 89°58'W., on a true line, bet. secs. 3 and 10,
Descend gradually, over W. slope, over rolling, prairie land.
40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{19}{4}$ S3 in N. half and S 10 in S. half.
Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
42.66 Road, from Anvil Rock to Seligman, Arizona, bears NW. and SE.
53.12 Old road, from Anvil Rock to Seligman, Arizona, bears N. 70°E., and S. 70°W.
57.71 Wire fence, bears N. and S., Enter scattering cedar timber, bears N. and S.
65.00 Leave timber, bears N. and S.
80.16 The cor. of secs. 3, 4, 9, and 10, ~~hereinbefore~~ described
E. 57 chs. high, rolling prairie, W. slope, Soil, adobe, coarse, very stony and dry, about 12 ins. deep, on clay subsoil.
W. 23 chs. gently rolling prairie, W. slope; soil, sandy with some gravel, subsoil, clay and gravel; good growth of bunch grass over the entire mile. Timber, cedar.

-
- S. 0°02'E., bet. secs. 9 and 10,
Over gently rolling, sandy and gravelly bottom land, slopes to west.
4.45 Wire fence, bears E. and W.
4.75 Road, from Anvil Rock to Seligman, bears E. and W.
15.85 Dry ravine, 6 lks. wide, $2\frac{1}{2}$ ft. deep, course S. 80°W.
21.80 Road, to Plummer's ranch, bears NE. and SW.
26.10 Dry ravine, 5 lks. wide, 3 ft. deep, course N. 70°W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{19}{4}$ S9 in W. half and S 10 in E. half.
Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
70.50 Dry sand wash, 60 lks. wide, 2 ft. deep, course N. 70°W., ascend gentle NE. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15, and 16. marked on brass cap $\frac{19}{4}$ T 19 N., R 8 W. in N. half., S 9 in NW., S 10 in NE., S 15 in SE. and S 16 in SW.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
N. 70 chs. rolling, valley land, W. slope; soil, rich, sandy loam, 12 to 18 ins. deep, soft, very dry, on clay and limestone subsoil. fair growth of bunch grass; S. 10 chs. rolling, bottom land, NE. slope; soil, sandy loam, with some gravel, 1 to 6 ins. deep, dry, on limestone subsoil. No timber.

Note: At this cor. I set off 22°59'N. on the decl. arc and at noon observe the sun on the meridian, the resulting latitude being 35°02'N.

-
- N. 89°58'E., on a random line, bet. secs. 10 and 15,
40.00 Set temp. $\frac{1}{4}$ sec. cor.,
80.24 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 10, 11, 14 and 15, ~~hereinbefore~~ described
Thence I run,

FRACTIONAL
Subdivision of T. 19 N., R 8 W.

Chains.

- S. 89°59' W., on a true line, bet. secs. 10 and 15.
Ascend NE. slope, over rolling sandy land.
- 25.00 Enter dense cedar and juniper timber, bears NW. and SE.
- 33.00 Top of ridge, bears N. and S., Leave sandy land, bears N. and S., descend gradually over W. slope of stony ridge.
- 40.12 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 10 in N. half and S 15 in S. half., from which
A cedar, 10 ins. in diam., bears S. 75 $\frac{1}{2}$ ° W., 170 lks. dist., marked, $\frac{1}{4}$ S 15 BT. No other trees suitable for bearing trees within limits.
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits
- 43.44 Dry ravine, 7 lks. wide, course NW., asc. impracticable.
- 45.00 Leave timber, bears NW. and SE.
- 50.00 Top of stony hill, bears NW. and SE., desc. over rolling gravelly and sandy valley land.
- 73.35 Dry sand wash, 50 lks. wide, 2 ft. deep, course NW., ascend gentle NE. slope.
- 80.24 The cor. of secs. 9, 10, 15, and 16, hereinbefore described
E. 50 chs. rolling and hilly; soil of the rolling land 6 to 12 ins. deep red sandy loam light and dry on sandstone subsoil. ridges with very little poor sandy loam, almost barren of soil on slopes, poor growth of bunch grass.
W. 30 chs., rolling, bottom land; soil, sandy loam, with some gravel drains to NW. the soil which varies from 4 to 12 ins. deep is very light and dry and is underlaid with limestone formation. poor growth of bunch grass. Timber, cedar and juniper.

-
- S. 0°02' E., bet. secs. 15 and 16,
Ascend gentle NE. slope, over rolling, stony land, through bunch grass and greasewood brush undergrowth, 2 $\frac{1}{2}$ ft. high
- 1.56 Old road, from Fort Rock to Prescott, Arizona, bears NW. and SE.
- 5.00 Branch of the same road, bears NW. and SE.
- 7.66 Wire fence, bears N. 46° W. and S. 46° E. Enter scattering cedar timber bears NE. and SW.
- 20.00 Top of stony ridge, bears NW. and SE., desc.
- 32.90 Dry ravine, 10 lks. wide, course N. 30° W., asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 16 in W. half and S 15 in E. half. No trees suitable for bearing trees within the prescribed limits., Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 55.00 Top of stony ridge, bears NW. and SE., desc.
- 71.20 North rim of canyon, on cliff, 50 ft. high, bears E. and W. descend abruptly into canyon.
- 72.50 Foot of descent, in canyon, Enter level, sandy land, and oak timber and brush, bears E. and W.
- 75.00 Cross dry bed of Muddy Creek, 50 lks. wide, course N. 20° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21, and 22., marked on brass cap T 19 N., R 8 W. in N. half. S 16 in NW., S 15 in NE., S 22 in SE. and S 21 in SW. quadrant, from which
An oak, 8 ins. in diam., bears S. 23 $\frac{1}{2}$ ° E., 175 lks. dist., marked T 19 N., R 8 W. S 22 BT. No other trees large enough for bearing trees within limits.
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- N. 73 chs., very rough, broken and hilly, almost all barren sand and limestone rock, the small amount of soil is of a light poor sandy loam, producing a very light growth of bunch grass. S. 7 chs., level, sandy, bottom land; soil rich black sandy loam, moist and underlaid with gravel at a depth of about 2 $\frac{1}{2}$ ft. Timber cedar, juniper and oak in bottom of canyon along the Muddy Creek.
-

FRACTIONAL
Subdivision of T 19 N., R 8 W.

- Chains N. 89°59'E., on a random line, bet. secs. 15 and 22,
- 40.00 Set temp. 1/4 sec. cor.
- 80.18 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22, and 23, hereinbefore described.
- Thence I run,
- West, on a true line, bet. secs. 15 and 22,
- Descend W. slope, over rolling sandy and stony land, through greasewood brush undergrowth, 4 ft. high.
- 2.60 Dry ravine, 25 lks. wide, course NW. asc. Enter scattering cedar timber, bears NW. and SE.
- 38.45 Road from Fort Rock to Prescott, Arizona, bears N. and S.
- 39.07 Wire fence, bears N. and S.
- 39.75 Top of ridge, bears NW. and SE., descend SW. slope.
- 40.09 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for 1/4 sec. cor. marked on brass cap 1/4 S. 15 in N. half and S 22 in S. half. No trees suitable for bearing trees within limits.
- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.; Pits impracticable.
- 50.00 Dry rocky ravine, 50 lks. wide, course N. 70°W., ascend along NE. slope.
- 58.20 Top of ascent, on W. side of ravine, thence over barren rock
- 75.00 East rim of canyon, on sandstone cliffs, 50 ft. high, bears N. and S., descend abruptly into canyon.
- 76.70 Foot of descent, in canyon, Leave broken, stony, land, bears N. and S. Enter level, sandy, bottom land and oak timber, bears N. and S.
- 79.00 Dry bed of Muddy Creek, 75 lks. wide, course N. 20°W.
- 80.18 The cor. of secs. 15, 16, 21, and 22, hereinbefore described
- E. 50 chs. rolling and hilly prairie land with scattering timber; soil generally a sandy loam 4 to 6 ins. deep very light and dry on on clay and decomposed sandstone subsoil. fair growth of bunch grass. W. 30 chs. broken with some level land in canyon along the Muddy Creek. the broken portion of the line is practically all barren conglomerate sandstone rock the soil having been washed off.; of the bottom land the soil is a rich dark sandy loam, texture fine and underlaid at a depth of about 3 ft. with coarse gravel. Timber cedar, and oak. in the canyon along the Muddy Creek.

July 3, 1913.

July 7, 1913.

- S. 0°02'E., bet. fractional sections. 21 and 22,
- Over level, sandy, bottom land, in Muddy Creek Canyon, through oak and cottonwood timber.
- 12.16 Intersect N. bdry of the Luis Maria Baca Grant No. 5, 387 lks. N 89°22'W. of the 10 mile cor., which line established this day as described in Book 61, marks almost obliterated, with At point of intersection the surveyor general.
- Set an iron post, 3 ft. long, 2 ins. in the ground for closing cor. of fractional secs, 21 and 22. marked on brass cap 1/4 S. of center., T 19 N., R 8 W. in N. half and L.M.B. No. 5 in S. half. S 21 in NW. and S 22 in NE. quadrant., from which
- An oak, 6 ins. in diam., bears N. 56°W., 56 lks. dist., marked T 19 N R 8 W. S 21 BT. and
- An oak, 8 ins. in diam., bears N. 65°E., 128 lks. dist., marked T 19 N., R 8 W., S 22 BT.
- Land, level, sandy, bottom land, drains to the north; soil, rich dark, sandy loam, 12 to 24 ins. deep, on coarse, gravel subsoil. Timber, oak and cottonwood.

July 7, 1913.

July 4¹⁹¹³ At 6^h 34^m a.m., l.m.t. I set off 35°04' N. on the lat. arc 22°56' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 32, and 33., on N. bdry. of Tp., which is a malapais stone, 11x8x4 ins. above ground, firmly set, marked and witnessed as described by

FRACTIONAL
Subdivision of T.19 N., R 8 W.

- Chains. the surveyor general,
Thence I run,
S. 0°03'E., bet. secs. 4 and 5,
Over level, sandy, bottom land.
- 38.70 Road from E.H. Plummer's ranch to Seligman, Arizona, bears
N 75°E. and S 75°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 5 in W.
half and S 4 in E. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- W.D. Webb's house, bears S. 4°25'E.
" " barn, " S. 11°05'E.
" " wind mill, " S. 7°35'E.
- Hutchinson's house, bears S. 30°W.
: : wind mill, " S. 40°28'W.
: : steel tank, " S. 40°15'W.
- E.H. Plummer's house, bears S. 10°W.
: : auto garage, " S. 11°W.
A frame house, bears S. 22°40'E.
Anvil Rock, bears S. 39°E.
- 41.80 Road to Seligman, bears N. 26°W. and S. 26°E.
- 60.98 Road from E.H. Plummer's ranch to Seligman, bears N. 60°E. and
S. 60°W.
- 69.00 Muddy Creek, (dry), 75 lks. wide, banks 15 ft. high, course
N. 70°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam, 24 ins. in the
ground, for cor. of secs. 4, 5, 8, and 9., marked on brass
cap $\frac{1}{4}$ T 19 N., R 8 W. in N. half. S 5 in NW., S 4 in NE., S
9 in SE., and S 8 in SW. quadrant.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable. from this cor., Anvil Rock, bears S. 72°E.
- W.D. Webb's house, bears N. 3°50'E.
" " barn, " N. 10°E.
" " wind mill, " N. 6°10'E.
- Hutchinson's house, bears N. 25°05'W.
" " wind mill, : N 30°37'W.
" " steel tank, N 29°15'W.
- E.H. Plummer's house, bears S 56°06'W.
" " Auto Garage, " S 53°15'W.
A frame house bears S 36°35'E.
- This entire mile is level prairie land, drains to the NW.;
soil light sandy loam with some gravel and stone, the
depth of the soil varies from 6 to 14 ins. and is underlaid
with clay subsoil. light growth of bunch grass. No timber.
-
- S. 89°53'E., on a random line, bet. secs. 4 and 9,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 80.16 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 3, 4, 9,
and 10, hereinbefore described
- Thence I run,
N. 89°49'W., on a true line, bet. secs. 4 and 9,
Over level, sandy, bottom land covered with bunch grass.
- 26.10 Wire fence, bears N. and S.
- 40.08 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 4 in N.
half and S 9 in S. half.
Dig pits, 18x18x12 ins. E. and W. of post; 3 ft. dist., and raise
a mound of earth, 3 $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 73.15 Dry bed of Muddy Creek, 100 lks. wide, banks 10 ft. high,
course N. 15°W.
- 74.10 Wire fence, bears N. and S.
- 80.16 The cor. of secs. 4, 5, 8, and 9, hereinbefore described
- This mile is level prairie land, the soil is a rich sandy
loam rather fine in texture, very dry and underlaid with
clay subsoil; good growth bunch grass. No timber.
-

FRACTIONAL
Subdivision of T 19 N., R 8 W.

- Chains. S. 0°03'E., bet. secs. 8 and 9,
Over level, sandy and gravelly land, covered with bunch
grass.
- 1.50 Old road, bears NW. and SE., leads to Hutchinson's sheep
ranch.
- 9.25 Road, from E.H. Plummer's ranch to Seligman, Arizona, bears
N. 30°W. and S. 30°E.
- 11.70 Road, leads to E.H. Plummer's ranch house, bears N. 60°W. and
S. 60°E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ^{19/3} $\frac{1}{4}$ S 8 in W.
half and S 9 in E. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.; Pits
impracticable.
- 45.80 Dry ravine, 15 lks. wide, 3 ft. deep, course NE. Enter hilly,
stony land, bears NE. and SW.
- 68.00 Top of ridge, bears NE. and SW., desc. gradually.
- 71.90 Old road, bears NE. and SW., leads to Seligman, Arizona.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 8, 9, 16, and 17., marked on brass
cap ^{19/3} T 19 N., R 8 W. in N. half., S 8 in NW., S 9 in NE. S 16
in SE. and S 17 in SW. quadrant.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.; Pits
impracticable.
- N. 45 chs. level prairie land, drains to NE. soil light sandy
loam with some gravel 6 to 16 ins. deep, fine in texture
dry on clay and gravel subsoil; good growth bunch grass;
S. 35 chs. hilly with light poor sandy and stony loam, on
clay subsoil, very little grass. No timber.
-
- S. 89°49'E., on a random line, bet. secs. 9 and 16,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 80.14 Intersect N. and S. line, 16 lks. S of the cor. of secs. 9, 10,
15, and 16, ~~hereinbefore described~~
- Thence I run,
N. 89°56'W., on a true line, bet. secs. 9 and 16,
Over rolling, stony land, slopes to NE.
- 1.33 Road, leads from Fort Rock to Prescott, Arizona, bears N. 70°W.
and S. 70°E.
- 10.58 Road, from Fort Rock to Prescott, Arizona, bears N. 70°W. and
S. 70°E.
- 13.25 Wire fence, bears NW. and SE. Enter scattering cedar timber,
bears NW. and SE.
- 21.00 Top of rocky ridge, bears NW. and SE., desc. NW. slope.
- 35.38 Dry ravine, 10 lks. wide, course NW.
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ^{19/3} $\frac{1}{4}$ S 9 in N.
half and S 16 in S. half, from which
A juniper, 24 ins. in diam., bears N. 42 $\frac{1}{2}$ °E., 425 lks. dist.,
marked $\frac{1}{4}$ S. 9 BT. and
A cedar, 10 ins. in diam., bears S. 45 $\frac{1}{2}$ ° E., 92 lks. dist., marked
 $\frac{1}{4}$ S. 16 BT.
- 45.00 Top of low ridge, bears NW. and SE., desc.
- 49.95 Wire fence, bears NE. and SW. Enter rolling, sandy, bottom
land, bears NE. and SW.
- 50.00 Leave timber, bears NE. and SW.
- 50.95 Road, leads to Plummer's ranch, bears N. 15°E., and S. 15°W.
- 57.15 Branch of same road, bears N. 20°E. and S. 20°W.
- 61.23 Dry bed of Muddy Creek, 60 lks. wide, 5 ft. deep, course N. 30°E.
- 80.14 The cor. of secs. 8, 9, 16, and 17, ~~hereinbefore described~~
- E. 50 chs., broken and hilly, slope NW.; soil light sandy and
stony loam very dry on decomposing sandstone shales.
from 13 to 45 chs. the surface is nearly all barren.
sand stone ledges. W. 30 chs. rolling bottoms; soil, dark,
sandy loam, 8 to 14 ins. deep, on clay and gravel subsoil.
light growth bunch grass. Timber cedar and juniper.
- Note: At this cor. I set off 22954' N. on the decl. arc, and
at noon observe the sun on the meridian, the resulting
latitude being 35° 02 $\frac{1}{2}$ ' N.

FRACTIONAL
Subdivision of, T 19 N., R 8 W.

- Chains. S. 0°03'E., bet. secs. 16 and 17,
Over rolling, sandy land, slopes to SE.
- 22.75 Dry ravine, 20 lks. wide, course NE, ascend NE. slope.
- 35.00 Top of stony ridge, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{193}{1}$ S 17 in W.
half and S 16 in E. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor..
Pits impracticable.
- 41.75 Dry ravine, 20 lks. wide, course NE., asc. over hilly, stony land.
- 46.60 Top of stony ridge, bears NE. and SW., desc.
- 62.15 Dry ravine, 25 lks. wide, course NE., asc.
- 69.00 Top of stony ridge, bears NE. and SW.
- 70.50 Dry ravine, 10 lks. wide, course NE..
- 75.00 Enter scattering cedar and juniper timber, bears NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 16, 17, 20, and 21., marked on brass
cap $\frac{193}{1}$ T 19 N., R 8 W. in N. half. S 17 in NW., S 16 in NE., S 21
in SE. and S 20 in SW. quadrant., from which,
A juniper, 36 ins. in diam., bears N. 40 $\frac{1}{4}$ °E., 197 lks. dist., marked
T 19 N., R 8 W. S 16 BT..
A juniper, 20 ins. in diam., bears S. 40°W., 102 lks. dist., marked
T 19 N., R 8 W. S 20 BT..
An oak, 10 ins. in diam., bears N. 28 $\frac{1}{4}$ °W., 148 lks. dist., marked
T 19 N., R 8 W., S 17 BT. No other trees within limits.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor..
Pits impracticable.
- N. 35 chs. rolling prairie NE. slope; soil sandy with some
gravel and stone light and dry, average depth 10 ins. on
stony subsoil; light growth bunch grass: S. 45 chs. broken
and hilly, ridges barren sand stone rock, bottom lands
along ravines sandy loam washed from ridges, 8 to 12 ins.
deep on sandstone bedrock. light growth bunch grass.
Timber juniper, scattering oak, and cedar.
-
- S. 89°56'E., on a random line, bet. secs. 16 and 21,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16,
21, and 22, hereinbefore described
Thence I run,
N. 89°55'W., on a true line, bet. secs. 16 and 21,
Over level, sandy, bottom land, in Muddy Creek Canyon, through
scattering oak and walnut timber.
- 6.00 Leave level bottom land, bears NW. and SE., ascend cliffs, 75
ft. high.
- 14.00 Top of ascent, on cliffs, W. side of canyon, bears NW. and SE.
thence over barren sand stone ledges.
- 32.00 East edge of canyon, on cliff, 50 ft. high, bears NW. and SE.
- 37.60 Foot of descent, in canyon, Enter level, sandy land, bears NW.
and SE.
- 37.65 Road, to ranch house, bears N. 10°W. and S. 10°E.
- 38.10 Gulch, 8 lks. wide, 3 ft. deep, course N. 20°W.
- 40.05 Set an iron post, 3 ft. long, 1 ins. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{193}{1}$ S 16 in N.
half and S 21 in S. half. from which
A walnut, 20 ins. in diam., bears S. 22 $\frac{1}{2}$ °E., 92 lks. dist., marked
 $\frac{1}{4}$ S 21 BT. and
An oak, 7 ins. in diam., bears N. 65 $\frac{1}{2}$ °W., 40 lks. dist., marked $\frac{1}{4}$ S.
16 BT..
- 41.00 Leave bottom land, ascend cliffs, W. side of canyon.
- 43.85 Top of ascent, on cliffs, 60 ft. high, W. side of canyon, bears
N. and S., thence over broken, stony land.
- 44.00 A house, bears North, 9.00 chs. dist.
- 48.00 Begin descent; over NW. slope..
- 55.10 Foot of descent, in dry ravine, 25 lks. wide, 4 ft. deep, course
NE.
- 59.00 The same ravine, 25 lks. wide, 4 ft. deep, course SE.
- 64.90 The same ravine, 20 lks. wide, 3 ft. deep, course north.
- 68.00 Point of rocky ridge, bears NE. and SW., desc.
- 72.75 Dry ravine, 30 lks. wide, 4 ft. deep, course N. 60°E.

FRACTIONAL
Subdivision of T 19 N., R 8 W.

Chains.

- 77.00 Begin ascent, over SE. slope.
80.10 The cor. of secs. 16, 17, 20, and 21, hereinbefore described
This mile is very broken and hilly, being cut by deep rocky canyons having a northerly trend. the soil of the canyon bottoms is a sandy loam with some gravel, on gravelly subsoil, the hilly portion is practically all barren sandstone rock without soil or vegetation. Timber walnut, oak and scattering cedars.

----- July 4, 1913.

July 7, 1913;

- S. $0^{\circ}03'$ E., bet. fractional sections 20 and 21.
Descend SE. slope, over stony hilly land.
2.50 Foot of descent, leave hilly land, bears NE. and SW. Enter rolling, sandy, bottom land.
11.42 Intersect N. bdry. of the Luis Maria Baca Grant No. 5, 384 lks. S $89^{\circ}47'$ W. of the $^{\circ}9$ mile cor., which is a sand stone 24x14x12 ins., marked and witnessed as described by the surveyor general.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fractional secs. 20 and 21, marked on brass cap $^{\circ}3$ CC. N. of center. T 19 N., R 8 W. in N. half and L.M.B. No. 5 in S. half. S 20 in NW. and S 21 NE. quadrant.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
N. 2 chs. barren sandstone rock, no soil. S 9 chs. sandy loam 12 ins. deep on gravel and stony subsoil, light growth bunch grass: No timber.

----- July 7, 1913.

July 5¹⁹¹³ At 7^h 04^m a.m., l.m.t. I set off $35^{\circ}04\frac{1}{2}'$ N. on the lat. arc, $22^{\circ}50\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31, and 32 on N. bdry. of Tp., which is a malpais stone, 14x10x5 ins. above ground, marked and witnessed as described by the surveyor general.

Thence I run,

- S. $0^{\circ}03'$ E., bet. secs. 5 and 6,
Descend gentle NE. slope, over rolling, stony land, through bunch grass.
30.00 Foot of descent, in depression, bears E. and W., drains to E., ascend gradually, over NE. slope.
32.05 Road, to ranch house, bears N. 70° W. and S. 70° E.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $^{\circ}3$ $\frac{1}{4}$ S 6 in W. half and S 5 in E. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
47.05 Wire fence, bears NW. and SE.
47.50 Top of malpais ridge, bears N. 30° W. and S. 30° E., descend steeply, over SW. slope.
50.65 Wire fence, bears E. and W.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7, and 8., marked on brass cap $^{\circ}3$ T. 19 N., R 8 W. in N. half. S 6 in NW., S 5 in NE., S 8 in SE. and S 7 in SW. quadrant, Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
N. 45 chs. high rolling prairie SE. and NE. slope; soil heavy black adobe clay loam mixed with malpais stone, coarse and dry, on clay subsoil; good growth bunch grass: S. 35 chs. hilly; ridges covered with loose malpais stone with light poor sandy loam 4 to 6 ins. deep on clay subsoil: good growth bunch grass. No timber.

- N. $89^{\circ}57'$ E., on a random line, bet. secs. 5 and 8,
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 4, 5, 8, and 9, hereinbefore described

FRACTIONAL
Subdivision of T 19 N., R 8 W.

- Chains. Thence I run,
S. 89°59'W., on a true line, bet. secs. 5 and 8,
Over nearly level, sandy, bottom land, covered with bunch
grass.
- 1.00 Road, from Fort Rock to Prescott, Arizona, bears N. 15°W. and
S. 15°E.
- 5.64 Old road, from Fort Rock to Prescott, Arizona, bears N. 30°W.
and S. 30°E.
- 8.52 Wire fence, bears N. and S.
- 29.75 Wire fence, bears N. and S.
- 32.25 Dry ravine, 6 lks. wide, 3 ft. deep, course NE., Leave nearly
level, bottom land, bears NE. and SW., Enter rolling land,
ascend gradually, over E. slope of malapais ridge.
- 32.60 Wire fence, bears N. and S.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{193}{4}$ S 5 in N.
half and S 8 in S. half.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable.
- 45.50 Top of malapais ridge, bears NW. and SE., desc. steep rocky
W. slope.
- 80.04 The cor. of secs. 5, 6, 7, and 8, ~~hereinbefore~~ described
E. 32 chs. nearly level prairie bottom land, drains to east;
soil fine sandy loam 8 to 14 ins. deep, very dry, on clay
subsoil; good growth bunch grass; W. 48 chs. rolling hilly
land, nearly all W. slope; soil adobe, coarse, black, and
very stony, slope washed exposing clay subsoil; good
growth bunch grass. No timber.
-
- S. 89°49'W., on a random line, bet. secs. 6 and 7,
40.00 Set temp. $\frac{1}{4}$ sec. cor.,
79.80 Intersect 2 nd. Guide Meridian West, 5 lks. S. of the cor. of
secs. 1, 6, 7, and 12, which is a granite stone 16x10x7 ins.
above ground, firmly set, marked and witnessed as described
by the surveyor general,
Thence I run,
N. 89°51'E., on a true line, bet. secs. 6 and 7,
Ascend W. slope, over rolling, sandy and stony land, covered
with bunch grass, 6 ins. high.
- 5.00 Top of ridge, bears N. and S., descend gently over NE. slope,
enter scattering cedar timber, bears N. and S.
- 8.00 Leave timber, bears N. and S.
- 39.80 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{193}{4}$ S 6 in N.
half and S 7 in S. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- 53.00 Foot of descent, in flat, bears N. and S.
- 55.00 Dry ravine, 20 lks. wide, 2 ft. deep, course north.
- 69.50 Wire fence, bears N. and S., leave flat, bears N. and S., ascend
W. slope of ridge, over stony hilly land.
- 79.80 The cor. of secs. 5, 6, 7, and 8, ~~hereinbefore~~ described
W. 50 chs. high rolling prairie, mostly all N. and NE. slope.
soil dark sandy loam, with an average depth of about 10
ins., very soft and dry, subsoil clay. E. 30 chs. level and
hilly, slopes with light sandy loam mixed with stone,
level bottom lands rich sandy loam 12 to 14 ins. deep
soft, dry, on clay and gravel sub soil; good growth bunch
grass. Timber cedar.
-
- S. 0°03'E., bet. secs. 7 and 8,
Descend SW. slope, over stony, hilly land, through scattering
greasewood brush undergrowth, $3\frac{1}{2}$ ft. high.
- 15.00 Foot of descent, on W. slope of ridge, ascend NW. slope, over
loose malapais rock.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{193}{4}$ S 7 in W.
half and S 8 in E. half.

FRACTIONAL
Subdivision of T 19 N., R 8 W.

Chains. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Pits impracticable.

45.10 Wire fence, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17, and 18., marked on brass cap, T 19 N., R 8 W. in N. half. S 7 in NW., S 8 in NE., S 17 in SE. and S 18 in SW. quadrant.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Pits impracticable.

This entire mile is broken, stony, hilly land, covered with brush, W slope; soil, light, sandy loam, covered with loose stone, poor growth of bunch grass. No timber.

Note: At this cor I set off 22°48 1/2' N. on the decl. arc, and at noon observe the sun on the meridian and obtain a reading of 35°02 1/2' N. on the lat. arc.

N. 89°59' E., on a random line, bet. secs. 8 and 17,

40.00 Set temp. 1/4 sec. cor.,

80.16 Intersect N. and S. line, 14 lks., S. of the cor. of secs. 8, 9, 16, and 17, ~~hereinbefore described~~

Thence I run,

S. 89°53' W., on a true line, bet. secs. 8 and 17,
Ascend E. slope, over broken, stony land.

25.00 Top of sandstone ridge, bears NE. and SW., desc.

30.10 Dry ravine, 10 lks. wide, course NE., asc.

31.30 Road, leads to Seligman, Arizona, bears NE. and SW.

34.80 Road, to E.H. Plummer's ranch, in sec. 16, bears NW. and SE.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1/4 S 8 in N. half and S 17 in S. half.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
Pits impracticable.

51.00 Same road, bears NE. and SW.

65.00 Top of high stony ridge, bears N. and S., desc. over W. slope.

80.16 The cor. of secs. 7, 8, 17, and 18, ~~hereinbefore described~~
E. 65 chs. rolling and hilly prairie, E. slope; soil adobe loam very stony, coarse and dry, subsoil clay and malpais boulders; good growth bunch grass. W. 15 chs. rolling stony W. slope covered with loose malpais rock with very little light adobe loam; light growth bunch grass
No timber.

S. 89°51' W., on a random line, bet. secs. 7 and 18,

40.00 Set temp. 1/4 sec. cor.,

79.90 Intersect 2 nd. Guide Meridian West, at the cor. of secs. 7, 12, 13, and 18, a malpais stone 12x8x8 ins. above ground, marked & witnessed as described by the Surveyor General

Thence I run,

N. 89°51' E., on a true line, bet. secs. 7 and 18,
Descend NE. slope, over rolling prairie land.

5.10 Dry ravine, 30 lks. wide, course NW., asc. ridge.

14.90 Top of ridge, bears NW. and SE., desc.

29.90 Foot of descent, in depression, bears NE. and SW., ascend gradually, over NW. slope.

39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1/4 S 7 in N. half., and S 18 in S. half.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
Pits impracticable.

47.00 Top of stony ridge, bears N. 20° W. and S. 20° E., desc. stony NE. slope.

66:95 Dry ravine, 15 lks. wide, course N. 20° E., asc. NW. slope.

79.90 The cor. of secs. 7, 8, 17, and 18, ~~hereinbefore described~~
The land through this mile is rolling and hilly prairie, the soil of the ridges is an adobe clay loam, coarse and dry, and underlaid with malpais boulders: the soil of the bottom lands along the ravines is a sandy loam light and dry with underlying clay subsoil: good growth bunch grass: No timber.

FRACTIONAL
Subdivision of T 19 N., R 8 W.

- Chains S. 0°03'E., bet. secs. 17 and 18,
Ascend NW. slope of ridge, over hilly land, covered with
loose malpais stone., through greasewood brush undergrowth,
3 to 5 ft. high.
- 6.08 Road to Seligman, Arizona, bears N. 70°E. and S. 70°W.
- 22.50 Top of ridge, 50 ft. above cor., bears NW. and SE., descend SW.
slope.
- 38.00 Foot of descent, thence along foot of ridge, over rolling
land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground
for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 18 in W. half, and
S 17 in E. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in the ground, for cor.
of secs. 17, 18, 19, and 20., marked on brass cap $\frac{1}{4}$ T 19 N., R
8 W. in N. half., S 18 in NW., S 17 in NE., S 20 in SE.,
and S 19 in SW. quadrant.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- N. 38 chs. hilly ridges, with light, poor, adobe clay loam,
very stony; light growth bunch of grass and greasewood brush
S. 42 chs. rolling prairie, W. slope; soil, poor, red, sandy
loam, mixed with volcanic ash, 6 to 10 ins. deep, on stony,
clay. subsoil; light growth bunch grass. No timber.

July 5, 1913.

July 7¹⁹¹³ At 6^h 35^m a.m., l.m.t. I set off 35°02'N. on the
lat. arc, 22°39'N. on the decl. arc, and determine a
meridian with the solar at the cor. of secs. 17, 18, 19,
and 20, hereinbefore described

- Thence I run,
N. 89°53'E., on a random line, bet. secs. 17 and 20,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 80.04 Intersect N. and S. line, 8 lks. N. of the cor. of secs. 16, 17,
20, and 21, hereinbefore described
- Thence I run,
S. 82°56'W., on a true line, bet. secs. 17 and 20,
Ascend SE. slope of stony ridge, through scattering cedar
timber.
- 2.00 Top of ridge, bears N. and S., desc.
- 8.30 Dry ravine, 30 ft. deep, course NE., asc.
- 19.60 Top of stony ridge, bears N. and S., desc., Leave timber, bears
NE. and SW.
- 28.30 Dry ravine, 15 lks. wide, course NE., asc.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 17 in N.
half and S 20 in S. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- 70.00 Top of stony ridge, bears N. 20°W. and S. 20°E., desc. W. slope.
- 80.04 The cor. of secs. 17, 18, 19, and 20, hereinbefore described
E. 30 chs. broken and hilly; ridges barren sand stone, with
very little light poor sandy loam. scattering growth
bunch grass: W. 50 chs. hilly prairie land covered with
loose malpais stone; soil light sandy loam, on stony
clay subsoil; good growth bunch grass; Timber cedar.

- S. 89°51'W., on a random line, bet. secs. 18 and 19,
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
- 79.82 Intersect 2 nd. Guide Meridian West, 3 lks. N. of the cor. of
secs. 13, 18, 19, and 24., which is a malpais stone 17x9x5
ins. above ground, firmly set, marked and witnessed as
described by the surveyor general.
- Thence I run,
N. 89°50'E., on a true line, bet. secs. 18 and 19,
Descend E. slope, over rolling stony, prairie land.
- 19.20 Dry ravine, 25 lks. wide, course NW., asc.

FRACTIONAL
Subdivision of T 19 N., R 8 W.

Chains.

- 39.82 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{2}{3}$ S 18 in N. half and S 19 in S. half.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
- 42.00 Top of ridge, bears N. and S., desc.
- 64.83 Dry ravine, 20 lks. wide, course N. 10° W., asc. gradually.
- 79.82 The cor. of secs. 17, 18, 19, and 20, **heretofore described**
W. 20 chs. rolling prairie land E. slope; soil stony and adobe clay loam 6 to 12 ins. deep on yellowish clay subsoil; good growth bunch grass. E. 60 chs. hilly, ridges with light poor sandy loam, slopes stony, valleys along ravines good brown sandy loam on gravelly subsoil. good growth bunch grass. No timber.

----- fract. -----

X fac.

- S. $0^{\circ}03'$ E., bet. secs. 19 and 20,
Ascend gradually, along W. slope of ridge, over rolling prairie land.
- 11.58 Intersect N. bdry. of the Luis Maria Baca Grant No. 5, 432 lks., S $89^{\circ}10'$ W. of the $\frac{1}{8}$ mile cor., which is a cedar post 4 ft. long, 3 ins. wide flattened, marked and witnessed as described by the surveyor general.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fractional secs. 19 and 20., marked on brass cap $\frac{2}{3}$ CC. N. of center, T 19 N., R 8 W. in N. half. L.M.B. No. 5 in S. half. S 19 in NW., and S 20 in NE. quadrant.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.
Land, rolling prairie, W. slope; soil, poor, light, sandy loam, mixed with loose stone, 8 ins. deep, underlaid with clay subsoil. good growth bunch grass. No timber.

July 7, 1913.

BOUNDARIES OF FRACTIONAL TOWNSHIP 19 NORTH, RANGE 8 WEST.
Latitudes Departures and Closing Errors.

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N.	S	E.	W
E. bdry. of the Baca Grant No. 5						
1st. mile	S $89^{\circ}53'$ W	76.70		.16		76.70
1st. mile	S $89^{\circ}38'$ W	79.80		.51		79.80
11th. mile	N $89^{\circ}22'$ W	160.02	1.77			160.11
10th. mile	S $89^{\circ}22'$	80.08				80.08
9th. mile	S $89^{\circ}47'$ W	79.70		.30		79.70
8th. mile	S $89^{\circ}10'$ W	79.76		1.16		79.75
7th. mile	S $89^{\circ}01'$ W	4.53		.08		4.53
W. bdy. of the Baca Grant No. 5	North $0^{\circ}41'$ E.	172.60	172.60			
West. Boundary (2nd Guide Meridian W.)		80.04	80.04		.96	
1st. sec. 19	N $89^{\circ}44'$ E.	38.80	38.80		38.80	
1st. sec. 18	N $89^{\circ}53'$ E.	40.00	40.00		40.00	
2nd. sec. 19	N $89^{\circ}55'$ E.	40.00	.12		40.00	
2nd. sec. 18	N $89^{\circ}58'$ E.	40.08	.02		40.08	
3rd. sec. 19	S $89^{\circ}56'$ E.	40.14		.05	40.14	
3rd. sec. 18	S $89^{\circ}51'$ E.	40.10		.11	40.10	
4th. sec. 19	N $89^{\circ}58'$ E.	40.09	.05		40.09	
4th. sec. 18	S $89^{\circ}58'$ E.	40.11		.02	40.11	
5th. sec. 19	S $89^{\circ}57'$ E.	39.97		.03	39.97	
5th. sec. 18	S $89^{\circ}52'$ E.	39.94		.09	39.94	
6th. sec. 19	S $89^{\circ}21'$ E.	40.01		.45	40.01	
East Boundary	SOUTH	252.10		252.10		
Convergency					.31	
			254.86	255.06	480.57	480.59
				254.86		480.57
			Error in lat	.20	Error in dep	.02

FRACTIONAL
Subdivision of T 19 N., R 8 W.

General description.

This township contains three classes of land, level, rolling and hilly and the soil varies from an adobe clay loam to almost pure sand. Farming has been attempted in different parts of the township, but it has been found that in practically every instance that irrigation is necessary in order to insure crops. The greater portion of the township is covered with a good growth of bunch grass which furnishes excellent grazing for sheep and cattle. Scattering scrub cedar and juniper is found over the hilly portions of the township. Most of the trees however are too small to be of value for other than firewood. There is no water in the township except that which is stored in reservoirs by the settlers to water sheep and cattle. There are four settlers in the township at the present time, one in sec. 6, one in sec. 5, one in sec. 4, and one in sec. 8.

Sidney E. Blout
U.S. Surveyor.

For FINAL OATH OF UNITED STATES SURVEYOR.
see Book "0" Group 20

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance
of special instructions received from the U. S. Surveyor General for _____
bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly,
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying
Instructions, and the laws of the United States, surveyed all those parts or portions of _____
_____ of the _____
_____ Meridian, in the State of _____, which are represented in
the foregoing field notes as having been executed by me, and under my direction; and I do further
solemnly swear that all the corners of said survey have been established and perpetuated in strict accord-
ance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor
General for _____ and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191 _____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, July 27 _____, 191 4

The foregoing field notes of the survey of the _____
Subdivision lines of _____
Fractional Township No. 19 North, Range No. 8 West
of the Gila and Salt River Base and Meridian
Arizona

executed by Sidney E. Blout, U.S. Surveyor
under his special instructions dated May 29 1912 _____, 191 _____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

Frank S. Sigall
U. S. Surveyor General.
of Arizona

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.