

BOOK "O"

BOOK 2641

# FIELD NOTES

OF THE SURVEY OF ~~THE~~

PART OF THE  
Subdivision lines of

TOWNSHIP No 10 NORTH, RANGE No 14 WEST

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

SIDNEY E. BLOUNT

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 26, 1913

Survey completed August 13, 1913

BOOK 2641

# INDEX DIAGRAM.

Township 10 North, Range 14 West.

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*Partial* Subdivision of T.10 N., R 14 W.

Chains. Survey commenced July 26, 1913, and executed with a Young and Sons light mountain transit No. 10 with a 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. I 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 established by observations on Polaris.

I proceed as follows:

At my camp which is located near the center of sec. 5, T. 10 N., R 14 W., latitude  $34^{\circ}14'18''$  N., longitude  $113^{\circ}45'$  W.

At  $11^{\text{h}} 14^{\text{m}}$  p.m., l.m.t., by my watch, which is correct local mean time. I observe Polaris at eastern elongation in accordance with instructions in the Manual. and mark the direction thus determined by a tack driven in a stake set in the ground 5.00 chs. N. of my instrument.

July 26, 1913.

July 27<sup>1913</sup> At  $7^{\text{h}} 0^{\text{m}}$  a.m., l.m.t. I lay off the azimuth of Polaris  $1^{\circ}24'$  to the west and mark the meridian thus determined by a tack driven in a stake set in the ground 5.00 chs. N. of instrument.

At  $8^{\text{h}} 06^{\text{m}}$  a.m., l.m.t. I set off  $34^{\circ}14\frac{1}{2}'$  N. on the lat. arc,  $19^{\circ}17'$  N. on the decl. arc, and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5.00 chs. N. of my instrument. This point falls 0.4 ins. E. of the meridian established by the Polaris observation.

At  $3^{\text{h}} 06^{\text{m}}$  p.m., l.m.t. I set off  $34^{\circ}14\frac{1}{2}'$  N. on the lat. arc,  $19^{\circ}13'$  N. on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a tack driven in the stake already set 5.00 chs. N. of my instrument. This point falls 0.3 ins. W. of the meridian established by the Polaris observation.

The solar apparatus by a.m., and p.m. observations defines positions for meridians about  $0'21''$  east and  $0'16''$  west of the meridian established by the Polaris observation; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at  $8^{\text{h}} 0^{\text{m}}$  a.m., l.m.t. is  $N. 14^{\circ}32' W.$ ; the angle thus determined gives the mag. decl.  $14^{\circ}32'$  east.

July 27, 1913.

I find from an examination of the land in this township, that the only agricultural lands in the unsurveyed portion of the township, lie along the Bill Williams Fork River in the northern part of the township, the greater portion of the township being rough broken and mountainous, with very little soil, and practically worthless; therefore I confine the survey of the subdivision lines within the township to the survey of those lines which will include the bottom land along the Bill Williams Fork River, and such of the rougher land along the river, as appears to be of some value for grazing purposes.

I begin at the  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22., which is an iron post 1 in. in diam. 12 ins. above ground, marked and witnessed as described by the surveyor general.

July 28<sup>1913</sup> At  $9^{\text{h}} 06^{\text{m}}$  a.m., l.m.t., I set off  $34^{\circ}12'$  N. on the lat. arc,  $19^{\circ}03'$  N. on the decl. arc, and determine a meridian with the solar at the above described  $\frac{1}{4}$  sec. cor.

Thence I run West, bet. secs. 15 and 22, on true line, on  $W\frac{1}{2}$  mile. Over hilly land, through scattering ironwood timber and greasewood brush undergrowth, 4 ft. high.

## Partial Subdivision of T 10 N., R 14 W.

Chains.

- 32.00 Top of ridge, bears NW. and SE., desc. along SW. slope.  
 40.00 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<sup>1913</sup> T 10 N., R. 14 W. in N. half, S 16 in NW., S 15 in NE. S 22 in SE. and S 21 in SW. quadrant.  
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 No trees suitable for bearing trees within limits. Pits impracticable.  
 W. 40 chs., hilly; ridges with light poor sandy loam, 6 to 8 ins. deep; some gravel, subsoil, clay and loose rock, light growth of bunch grass. Timber, ironwood.

July 28, 1913.

July 29<sup>1913</sup> At 8<sup>h</sup> 36<sup>m</sup> a.m., l.m.t. I set off 34°12' N. on the lat. arc, 18°49' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 15, 16, 21, and 22, above described,

Thence I run,

- N. 0°02' W., bet. secs. 15 and 16,  
 Ascend steep S. slope of ridge, over stony hilly land.  
 .65 Top of ridge, 10 ft. above cor., bears NW. and SE., desc. abrupt N. slope into dry sand wash.  
 2.95 Foot of descent, in sand wash, 80 lks. wide, course east, ascend abrupt S. slope, over mountainous land, bears E. and W.  
 28.00 Top of spur, bears NE. and SW., desc.  
 33.30 Dry ravine, 15 lks. wide, course NE., ascend.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap<sup>1913</sup> S 16 in W. half and S 15 in E. half. No trees within limits.  
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Pits impracticable.  
 41.60 Top of spur, bears NE. and SW., desc.  
 46.50 Dry ravine, 25 lks. wide, course NE., asc.  
 51.50 Top of spur, bears NE. and SW., desc.  
 58.60 Dry ravine, 15 lks. wide, course NE., asc.  
 74.50 Top of spur, bears NE. and SW., descend abruptly into Bill Williams Fork, River bottom.  
 78.50 Foot of descent, leave mountainous land, bears E. and W., enter level, sandy, river bottom.  
 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<sup>1913</sup> T 10 N., R 14 W. in N. half, S 9 in NW., S 16 in NE., S 15 in SE. and S 16 in SW. quadrant.  
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 No trees suitable for bearing trees within limits., Pits impracticable.  
 S. 78 chs., hilly and mountainous; ridges with decomposed granite rock, light growth of bunch grass: N. 2 chs. level, bottom land, soil, rich sandy loam, on gravel subsoil. Timber, scattering ironwood and palo verde.

East, on a random line, bet. secs. 10 and 15,

- 40.00 Set temp. ¼ sec. cor.

- 40.54 Intersect the witness cor. to the ¼ sec. cor., which is an iron post, 1 in. in diam., firmly set in a mound of stone, marked and witnessed as described by the surveyor general.

Thence I run,

- West, on a true line, bet. secs. 10 and 15,  
 Descend W. slope, over cliffs.  
 0.50 Dry ravine, in bottom of rocky canyon, 20 lks. wide, course south, ascend abrupt E. slope. Point for ¼ sec. cor. Thence I run, WEST, ON TRUE LINE, BET. SECS. 10 and 15, ON ½ MILE, MEASURING FROM ¼ SEC. COR. POINT.  
 3.70 Top of spur, bears N. and S., desc.  
 7.85 Dry ravine, 15 lks. wide, course south, asc.  
 15.60 Top of spur, bears N. and S., descend cliffs, into the Bill Williams Fork River.  
 18.00 Foot of cliff, intersect right bank of river, bears N. 60° W., and S. 60° E., thence over dry, sandy, river bed.  
 35.50 Intersect left bank of river, bears N. 85° W. and S. 85° E.

## Partial Subdivision of T 10 N., R 14 W.

- Chains. Enter level, sandy, bottom land, and dense arrow weed and water moat brush undergrowth, 8 ft. high.
- 40.04 The cor. of secs. 9, 10, 15, and 16, ~~has in before~~ described  
W. 40 chs. level and mountainous, bottom land along Bill Williams Fork River, sandy loam, moist on sand and gravel subsoil, soil of mountainous portion stone mixed with light poor sandy loam. No timber.
- NOTE: At the cor. of secs. 9, 10, 15, and 16. I set off  $18^{\circ}47'N.$  on the decl. arc, and at noon observe the sun on the meridian and obtain a reading of  $34^{\circ}13'N.$  on the lat. arc.
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- N.  $0^{\circ}02'W.$ , bet. secs. 9 and 10,  
Over level, sandy, river bottom, through dense arrow weed and water moat brush, 8 ft. high.
- .75 Intersect left bank of the Bill Williams Fork River, bears N.  $85^{\circ}W.$ , and S.  $85^{\circ}E.$ , leave undergrowth, over dry sandy river bed.
- 7.40 Intersect right bank of river, 5 ft. high, bears N.  $85^{\circ}W.$  and S.  $85^{\circ}E.$ , Enter dense watermoat undergrowth, 6 ft. high.
- 27.00 Leave river bottom, bears N.  $60^{\circ}W.$  and S.  $60^{\circ}E.$ , ascend abrupt rocky SW. slope of spur, over mountainous land.
- 30.00 Top of spur, 100 ft. above river, bears NW. and SE., desc.
- 35.90 Dry ravine, 12 lks. wide, course SW., 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 9 in W. half and S 10 in E. half.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; Pits impracticable.
- 62.00 Top of spur, bears NE. and SW., desc. abruptly.
- 71.40 Dry ravine, 10 lks. wide, course SW., asc.
- 73.20 Top of spur, bears NE. and SW., desc.
- 77.80 Dry ravine, 15 lks. wide, course SW., asc.
- 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  $\frac{1}{4}$  T 10 N, R 14 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.  
S. 27 chs. level land; soil, sandy loam, moist, on gravel and sand subsoil; N. 53 chs. mountainous, soil, light, poor, sandy loam, underlaid with volcanic rock. No grass. Timber, scattering palo verde on N. slopes of spurs.

July 29, 1913.

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- August 14: 1913, At 8<sup>h</sup> 04<sup>m</sup> a.m., l.m.t. I set off  $34^{\circ}14'N.$  on the lat. arc,  $14^{\circ}27'N.$  on the decl. arc, and determine a meridian with the solar at the <sup>ABOVE DESCRIBED</sup> cor. of secs. 3, 4, 9, and 10.  
Thence I run,  
N.  $0^{\circ}02'W.$ , on a random line, bet. secs. 3 and 4,
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.34 Intersect N. bdry. of Tp., 12 lks.  $89^{\circ}51'E.$  of the cor. of secs. 3, 4, 33, and 34, recently estab. by me as described in Book "N".  
Thence I run,  
S.  $0^{\circ}07'E.$ , on a true line, bet. secs. 3 and 4.  
Over rolling, stony land, through scattering palo verde timber and greasewood brush undergrowth, 3 ft. high.
- .20 Dry ravine, 12 lks. wide,  $2\frac{1}{2}$  ft. deep, course SW.
- 16.00 Top of ridge, bears NE. and SW., desc.
- 21.00 Dry sand wash, 80 lks. wide, course NW., ascend steep NE. slope, over broken stony mountainous land.
- 32.50 Top of spur, bears NE. and SW., desc.
- 36.10 Dry ravine, 30 lks. wide, course SW., asc.
- 39.34 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 W. half and S 3 in E. half.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

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*Partial* Subdivision of T 10 N., R 14 W.

Chains. Pits impracticable. No trees within limits.  
 55.00 Top of spur, bears NE. and SW.  
 61.60 Dry ravine, 20 lks. wide, course NW., asc.  
 70.00 Top of spur, bears NW. and SE., desc.  
 72.50 Dry ravine, 10 lks. wide, course SW., asc.  
 77.00 Point of spur, bears NE. and SW., desc.  
 79.34 The cor. of secs. 3, 4, 9, and 10, ~~hereinbefore~~ described  
 Land rolling and mountainous, soil decomposed volcanic  
 rock mixed with sandy loam very poor, soil washed from  
 slopes of ridges and spurs exposing ledges of lava rock  
 at a depth of 2 to 5 ft. No grass. Timber, palo verde.  
 August 14, 1913.

July 28<sup>1913</sup> At 10<sup>h</sup> 06<sup>m</sup> a.m., l.m.t., I set off 34°12'N. on the  
 lat. arc, 19°02'N. on the decl. arc and determine a  
 meridian with the solar at the cor. of secs. 15, 16, 21,  
 and 22, ~~hereinbefore~~ described

Thence I run,  
 West, bet. secs. 16 and 21, on true line,  
 Descend SW. slope of ridge, over mountainous land.  
 4.00 Foot of descent, in dry sand wash, enter scattering ironwood  
 timber.  
 5.50 Center of sand wash, course NE.  
 6.00 Leave sand wash, ascend SE. slope, over loose rock.  
 19.00 Top of spur, bears NW. and SE., desc.  
 25.15 Dry ravine, 10 lks. wide, course SE., asc.  
 39.00 Top of spur, 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  $\frac{1}{4}$  S 16 in N.,  
 and S 21 in S. half. No trees large enough for bearing  
 trees within limits.; Raise a mound of stone, 2 ft. base,  
 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 41.10 Dry ravine, 6 lks. wide, course SE., asc.  
 43.70 Top of spur, bears NW. and SE., desc.  
 47.70 Dry ravine, 20 lks. wide, course SE., asc. spur.  
 53.30 Top of spur, bears NW. and SE., desc.  
 31.70 Dry ravine, 20 lks. wide, 20 ft. deep, course south, asc.  
 67.30 Top of spur, bears N. and S., desc.  
 72.60 Dry ravine, 30 lks. wide, course SE., asc.  
 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  $\frac{1}{4}$  T 10 N., R 14 W., in N. half, S 17 in NW., S 16 in NE.,  
 S 21 in SE., and S 20 in SW. quadrant. No 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.  
 Land, rough mountains, spurs with loose decomposing shale  
 rock on stony subsoil, light growth bunch grass. Timber  
 scattering palo verde and ironwood along ravines and  
 sand wash.  
 Note.: At this cor. I set off 19°01'N. on the decl. arc, and  
 at noon observe the sun on the meridian and obtain  
 a reading of 34°12'N. on the lat. arc.

July 28, 1913.

July 30<sup>1913</sup> At 7<sup>h</sup> 36<sup>m</sup> a.m., l.m.t. I set off 34°12'N. on the  
 lat. arc, 18°35 $\frac{1}{2}$ 'N. on the decl. arc, and determine a  
 meridian with the solar at the cor. of secs. 16, 17, 20,  
 and 21, above described,

Thence I run,  
 N. 0°02'W., bet. secs. 16 and 17,  
 Ascend SW. slope of spur, over stony, mountainous land,  
 through scattering palo verde and ironwood timber,  
 and greasewood brush undergrowth, 3 ft. high.  
 24.50 Top of spur, bears NW. and SE., desc.  
 25.50 Dry ravine, 25 lks. wide, course SE., asc.  
 37.90 Top of spur, bears NW. and SE., desc.  
 39.70 Dry ravine, 8 lks. wide, course SE., asc.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the

*Partial* Subdivision of T 10 N., R 14 W.

- Chains. ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap <sup>1913</sup>  $\frac{1}{4}$  S. 17 in W. half and S 16 in E. half. No trees within limits. Raise a mound of stone, 2 ft. base;  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- 55.60 Top of spur, bears NE. and SW., desc.
- 65.70 Dry ravine, 30 lks. wide, course NE., asc. spur.
- 67.60 Top of spur, bears NE. and SW., desc.
- 78.60 Dry ravine, 10 lks. wide, course east, asc. spur.
- 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 <sup>1913</sup> T 10 N., R 14 W., in N. half. S 8 in NW., S 9 in NE., S 16 in SE. and S 17 in SW. quadrant. No trees within limits. Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- This entire mile is rough mountainous land, the soil consists of loose disintegrated rock with some sandy loam slopes of spurs washed, stony, vegetation, greasewood brush and scattering bunch grass. Timber, palo verde and ironwood.

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- East, on a random line, bet. secs. 9 and 16,
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 80.02 Intersect N. and S. line, 3 lks., N. of the cor. of secs. 9, 10, 15, and 16, **hereinbefore** described
- Thence I run,
- N. 89° 59' W., on a true line, bet. secs. 9 and 16.
- Over level, sandy, bottom land, along the Bill Williams Fork River, through dense arrow weed and water moat brush undergrowth, 8 ft. high.
- 1.00 Leave level, sandy, bottom land, and dense undergrowth, bears NW. and SE., ascend abrupt rocky E. slope of spur, over mountainous land.
- 19.50 Summit of rocky spur, 125 ft. above river bottom, bears NE. and SW., desc. abruptly over NW. slope.
- 22.90 Dry ravine, 15 lks. wide, course NE., asc. spur.
- 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 <sup>1913</sup>  $\frac{1}{4}$  S 9 in N. half and S 16 in S. half. Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., No trees within limits. Pits impracticable.
- 48.80 Top of spur, bears NE. and SW., desc.
- 51.60 Dry ravine, course NE., asc.
- 67.50 Top of spur, bears NE. and SW., desc.
- 73.80 Dry ravine, 30 lks. wide, course NE., asc.
- 80.02 The cor. of secs. 8, 9, 16, and 17, **hereinbefore** described
- Land level and mountainous, level land rich sandy loam on gravel subsoil, soil of mountainous portion decomposing shales on underlying ledges of granite and porphyry. light growth of bunch grass. Timber scattering palo verde and ironwood.

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- N. 0° 02' W., bet. secs. 8 and 9,
- Ascend steep SW. slope of spur, over mountainous land, through scattering palo verde timber and greasewood brush undergrowth, 3 ft. high.
- 2.50 Top of spur, bears NW. and SE., desc.
- 37.20 Dry ravine, 15 lks. wide, course NW., asc. spur.
- 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 <sup>1913</sup>  $\frac{1}{4}$  S 8 in W. half and S 9 in E. half. No 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.
- Note: At this cor. I set off 18° 32 $\frac{1}{2}$ ' N. on the decl. arc, and at noon observe the sun on the meridian and obtain a reading of 34° 13 $\frac{1}{2}$ ' N. on the lat. arc.
- 44.20 Top of spur, bears NW. and SE., desc.
- 50.40 Dry ravine, 20 lks. wide, course NW., asc.

## BOOK 2641

*Partial* subdivision of T. 10 N., R. 14 W.

## Chains.

- 54.10 Top of spur, bears NW. and SE., desc.  
 76.00 Dry ravine, 30 lks. wide, course NE., asc. spur.  
 79.00 Top of ascent, on S. edge of mesa., leave mountainous land, bears E. and W., enter rolling land.  
 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, <sup>1913;</sup> T 10 N., R 14 W., in N. half. S 5 in NW., S 4 in NE., S 9 in SE. and S 8 in SW. quadrant. No trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 Land, rolling and mountainous, ridges or spurs, with loose shale rock, with very little poor sandy loam, no grass. soil of rolling land gravelly loam, underlaid with gravel and loose stone. Timber, scattering palo verde.

Note:— From this cor., a tent house, bears S. 64°E. 13.00 chs dist.

- S. 89°59'E., on a random line, bet. secs. 4 and 9,  
 40.00 Set temp. ¼ sec. cor.  
 80.22 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 3, 4, 9, and 10, ~~hereinbefore described~~  
 Thence I run,  
 S. 89°58'W., on a true line, bet. secs. 4 and 9.  
 Ascend E. slope of spur, over mountainous land, through scattering palo verde timber and greasewood brush undergrowth, 3 ft. high.  
 1.70 Top of spur, bears N. and S., desc.  
 4.30 Dry ravine, 15 lks. wide, course south.  
 10.00 Top of spur, bears NE. and SW., desc.  
 21.90 Dry ravine, 20 lks. wide, course SW., asc. spur.  
 30.00 Top of spur, bears NE. and SW., desc.  
 40.11 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap <sup>1913;</sup> S 4 in N. half and S 9 in S. half. No trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.  
 45.00 Foot of descent, in river bottom, leave mountainous land, bears N. and S., enter level sandy land.  
 45.90 Intersect right bank of the Bill Williams Fork River, 3 ft. high., leave undergrowth and timber, bears N. and S., over dry sandy river bed.  
 62.70 Intersect left bank of river, 5 ft. high, bears N. and S., enter mesquite timber, bears N. and S.  
 76.40 Foot of mesa, bears N. and SW., leave level, bottom land, bears N. and SW., ascend SE. slope of mesa.  
 79.40 Top of ascent, on E. edge of mesa, bears NE. and SW., thence over rolling stony land.  
 80.22 The cor. of secs. 4, 5, 8, and 9, ~~hereinbefore described~~  
 E. 45 chs. rough, mountainous country, soil, disintegrated stone, with some sandy loam, underlying ledges of volcanic rock, very little bunch grass. W. 35 chs., level and rolling, soil of river bottom, rich, sandy loam, soft on gravel subsoil. Timber, scattering palo verde and mesquite.

July 30, 1913.

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 August 1, <sup>1913;</sup> At 8<sup>h</sup> 06<sup>m</sup> a.m., l.m.t., I set off 34°14'N. on the lat. arc, 18°06'N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 4, 5, 8, and 9, ~~hereinbefore described~~

Thence I run,

N. 0°02'W., on a random line, bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.,

August 1, 1913.

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 August 13, <sup>1913;</sup> At 3<sup>h</sup> 04<sup>m</sup> p.m., I set off 34°14½'N. on the lat. arc 14°40½'N. on the decl. arc and determine a meridian with the solar at the temp. point for ¼ sec. cor. bet

*Partial* Subdivision of T.10 N., R.14 W.

- Chains. secs 4 and 5. which I set Aug.1. Thence I continue my random line, N. 0°02' W. bet. secs. 4 and 5.
- 79.40 Intersect N. bdry. of Tp., ~~5 lks. S. 89° 57' E~~ of the cor. of secs. 4, 5, 32, and 33, recently estab. by me as described in Book "N",  
Thence I run,  
S. 0°04' E., on a true line, bet. secs. 4 and 5,  
Descend S. slope of ridge, over hilly land.
- 22.15 Intersect right bank of The Bill Williams Fork River, 4 ft. high, bears E. and W., leave hilly land, bears E. and W., over dry sandy river bed.
- 39.40 The point for the  $\frac{1}{4}$  sec. cor. falls in river bed.; therefore I continue my line, S. 0°04' E.
- 40.40 Intersect left bank of river, 5 ft. high, bears NW. and SE., enter dense undergrowth, bears NW. and SE.
- 40.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to the  $\frac{1}{4}$  sec. cor., marked on brass cap <sup>1913</sup> WC  $\frac{1}{4}$  in N. half. S 4 in SE. and S 5 in SW. quadrant  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Pits impracticable.
- 47.90 Leave river bottom, bears NW. and SE., ascend NE. slope of mesa, over stony land.
- 60.00 Top of ascent, on mesa, thence over rolling, stony land.
- 79.40 The cor. of secs. 4, 5, 8, and 9, **heretofore described**  
N. 47 chs. level and hilly; soil of ridges, light, poor, gravel loam on clay subsoil, and of level, bottom land, sandy loam, very fine, on gravelly subsoil. no grass, considerable greasewood and water moat brush undergrowth. S 33 chs., rolling, stony mesa; soil, light clay loam, stony, on loose, stony subsoil. Timber; scattering mesquite in river bottom along mesa.

August 13, 1913.

- July 28<sup>1913</sup> At 1<sup>h</sup> 36<sup>m</sup> p.m., l.m.t. I set off 34°12' N. on the lat. arc, 19°00' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 16, 17, 20, and 21, **heretofore described**  
Thence I run,  
West, bet. secs. 17 and 20, on true line,  
Ascend SE. slope of spur, over stony, mountainous land, through scattering palo verde timber and greasewood brush undergrowth, 3 to 5 ft. high.
- 32.90 Top of ridge, bears NE. and SW., descend W. slope.
- 35.00 Dry ravine, 10 lks. wide, course north, asc.
- 38.10 Top of spur, bears NE. and SW., 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 <sup>1913</sup> S 17 in N. half and S 20 in S. half. No 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 impracticable.
- 48.40 Road, from Brook's house to Swansea, Arizona, bears NW. and SE.
- 50.00 Dry ravine, 15 lks. wide, course NW., asc. spur.
- 64.70 Top of spur, bears NW. and SE., desc.
- 71.80 Dry ravine, 15 lks. wide, course NE., asc. spur.
- 74.90 Top of spur, bears NE. and SW., desc.
- 78.60 Dry ravine, course NE., asc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19, and 20., marked on brass cap <sup>1913</sup> T 10 N., R 14 W. in N. half., S 18 in NW., S 17 in NE., S 20 in SE. and S 19 in SW. quadrant. No trees within limits.; Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., Pits impracticable.  
This entire mile is rough and mountainous; soil, loose shale rock with some light, poor, sandy loam, on underlying stratas of granite and porphyry. No grass. Timber, palo verde.

July 28, 1913.

- July 31<sup>1913</sup> At 8<sup>h</sup> 36<sup>m</sup> a.m., l.m.t., I set off 34°12' N. on the lat. arc, 18°20 $\frac{1}{2}$ ' N. on the decl. arc, and determine a

## BOOK 2641

*Partial* Subdivision of T 10 N., R 14 W.

- Chains
- meridian with the solar at the cor. of secs. 17, 18, 19, and 20, above described.
- Thence I run,
- N. 0°03' W., bet. secs. 17 and 18,
- Ascend S. slope of spur, over stony, mountainous land, through greasewood brush undergrowth, 3 ft. high.
- 3.70 Top of spur, bears E. and W., desc.
- 8.20 Dry ravine, 15 lks. wide, course NE., asc.
- 14.20 Top of spur, bears NE. and SW., desc.
- 26.10 Dry ravine, 10 lks. wide, course N. 20° E., asc.
- 30.00 Top of spur, bears NE. and SW., 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  $\frac{13}{16}$  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.
- 50.00 Dry ravine, 30 lks. wide, course NE., asc.
- 58.00 Ridge, bears NE. and SW., desc.
- 60.50 Enter dry sand wash, course NW.
- 64.00 Road, from Brook's house to Swansea, Arizona, bears NW. and SE.
- 64.60 Leave sand wash, ascend SW. slope, over hilly land.
- 70.80 Top of ridge, N. side of wash, thence over broken land.
- 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  $\frac{23}{32}$  T 10 N., R 14 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,  $1\frac{1}{2}$  ft. high, W. of cor.
- Pits impracticable.
- This entire mile is rough, broken and mountainous, ridges, with light, poor, stony loam, underlaid with ledges of granite and slate rock. light growth of bunch grass and greasewood brush. No timber.
- 
- East, on a random line, bet. secs. 8 and 17,
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.08 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 8, 9, 16, and 17, *heretofore* described
- Thence I run,
- S. 89°57' W., on a true line, bet. secs. 8 and 17.
- Ascend steep rocky SE. slope of spur, over mountainous land, through scattering, palo verde timber and greasewood brush undergrowth, 3 ft. high.
- 4.40 Top of spur, 40 ft. above cor., bears NE. and SW., desc.
- 10.30 Dry ravine, 10 lks. wide, course NE., ascend spur.
- 14.00 Top of spur, bears NE. and SW., desc.
- 23.80 Dry ravine, 15 lks. wide, course SW., asc. spur.
- 30.50 Top of spur, bears NE. and SW., desc.
- 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  $\frac{13}{16}$  S 8 in N. half and S 17 in S. half. No trees within limits.; Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- Pits impracticable.
- 41.50 Dry ravine, 20 lks. wide, course NW., asc.
- 47.40 Top of spur, bears NW. and SE., descend.
- 80.08 The cor. of secs. 7, 8, 17, and 18, *heretofore* described
- This entire mile is high rough mountainous land; soil, stony, with some light, sandy loam.; ridges, washed on slopes. scattering growth of bunch grass. Timber, palo verde.
- Note: At the  $\frac{1}{4}$  sec. cor. bet. secs. 8 and 17, I set off 18°18' N. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 34°13' N. on the lat. arc.
- 
- N. 0°03' W., bet. secs. 7 and 8,
- Over broken, stony land, along E. side of sand wash.
- 3.00 Begin descent over NW. slope into sand wash.
- 34.00 Foot of descent, leave broken land, bears N. 70° E. and S. 70° W., enter rolling, gravelly land, and scattering palo verde

*Partial* Subdivision of T 10 N., R. 14 W.

- Chains.
- and ironwood timber, 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,  $\frac{1}{4}$  S 7 in W. half and S 8 in E. half. No trees suitable for bearing trees within limits.; Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., Pits impracticable.
- 47.00 Road, from Brook's house to Swansea, Arizona, bears NE. and SW.
- 64.00 Same road, bears NW. and SE.
- 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, <sup>1913</sup> T 10 N., R 14 W., in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quadrant. No trees suitable for bearing trees within limits.; Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- S. 34 chs., broken, hilly land; soil of ridges, light, poor, gravelly loam, on stony subsoil. no grass, light growth of greasewood brush undergrowth. N. 46 chs., poor, gravelly loam, on gravel subsoil. Timber, palo verde and ironwood.

- 
- N.  $89^{\circ}57'E.$ , on a random line, bet. secs. 5 and 8,
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 80.24 Intersect N. and S. line, at the cor. of secs. 4, 5, 8, and 9, <sup>hereinbefore described</sup>
- Thence I run,
- S.  $89^{\circ}57'W.$ , on a true line, bet. secs. 5 and 8,
- Over rolling, stony, mesa land, through scattering greasewood brush undergrowth, 4 ft. high.
- 20.00 W. edge of mesa, bears NW. and SE., descend SW. slope
- 38.75 Foot of descent, enter level, sandy, bottom land, bears NW. and SE.
- 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, <sup>1913</sup>  $\frac{1}{4}$  S 5 in N. half and S 8 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.
- 53.00 Leave level, sandy, bottom land, bears N. and S., ascend E. slope of ridge, over stony land.
- 56.20 Top of ridge, bears N. and S., desc.
- 60.30 Dry ravine, 20 lks. wide, course north, asc.
- 65.40 Top of ridge, bears N. and S., desc.
- 68.55 Foot of descent, leave hilly land, bears N. and S., enter level, sandy, bottom land.
- 75.90 Leave bottom land, bears N. and S., ascend E. slope of ridge, over hilly land.
- 78.00 Point of ridge, bears N. and S., desc.
- 78.75 Foot of descent, leave hilly land, bears N. and S., enter level, gravelly, bottom land, bears N. and S.
- 80.24 The cor. of secs. 5, 6, 7, and 8, <sup>hereinbefore described</sup>
- E. 53 chs., level and rolling, drains to NW. soil of mesa, sandy loam, with gravel., soil of bottom land, light, sandy loam, contains considerable alkali, salts, subsoil sand and gravel. light growth of bunch grass, considerable greasewood brush and salt sage. W. 27 chs., hilly with some level bottoms; ridges with gravelly loam rather poor on clay and gravel subsoil, light growth greasewood brush; bottoms, light sandy loam with some gravel. No timber.

July 31, 1913.

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- Aug: 1, <sup>1913</sup> At 10<sup>h</sup> 36<sup>m</sup> a.m., l.m.t., I set off  $34^{\circ}14'N.$  on the lat. arc,  $18^{\circ}04'N.$  on the decl. arc and determine a meridian with the solar at the cor. of secs. 5, 6, 7, and 8, <sup>hereinbefore described</sup>
- Thence I run,
- N.  $0^{\circ}03'W.$ , on a random line, bet. secs. 5 and 6,
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,

August 1, 1913.

*Partial* Subdivision of T 10 N., R 14 W.

- Chains. Aug. 13, 1913 At 10<sup>h</sup> 04<sup>m</sup> a.m., l.m.t., I set off 34°14'<sup>1</sup>/<sub>2</sub>' N. on the lat. arc, 14°43'<sup>1</sup>/<sub>2</sub>' N. on the decl. arc and determine a meridian with the solar at the temp. point for <sup>1</sup>/<sub>4</sub> sec. cor. bet. secs. 5 and 6., which I set Aug. 1., Thence I continue my random line, N. 0°03' W., bet. secs. 5 and 6,
- 79.44 Intersect N. bdry. of Tp., 16 lks. N. of the cor. of secs. 5, 6, 31, and 32, recently estab. by me as described in Book "N",  
Thence I run,  
S. 0°04' W., on a true line, bet. secs. 5 and 6,  
Ascend NE. slope of spur; over mountainous land.
- 1.50 Top of rock spur, bears NW. and SE., desc. SW. slope.
- 28.00 Foot of steep descent, in river bottom, leave mountainous land, bears N. 80° E. and S. 80° W., enter level, sandy, bottom land, and dense undergrowth, 4 ft. high.
- 31.00 Intersect right bank of the Bill Williams Fork River, 5 ft. high, bears N. 80° E. and S. 80° W., leave undergrowth, over dry, sandy, river bed.
- 39.44 The point for the <sup>1</sup>/<sub>4</sub> sec. cor. falls in bed of river; therefore I continue my line S. 0°04' W.
- 40.45 Intersect left bank of river, 4 ft. high, bears N. 80° E. and S. 80° W., thence over sandy, flood plane.
- 51.00 Leave flood plane, ascend old river bank, 3<sup>1</sup>/<sub>2</sub> ft. high, bears N. 80° E. and S. 80° W.
- 51.20 Top of old river bank, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to the <sup>1</sup>/<sub>4</sub> sec. cor., marked on brass cap, WC <sup>1</sup>/<sub>4</sub> in N. half. S 5 in SE. and S 6 in SW. quadrant.  
Raise a mound of stone, 2 ft. base, 1<sup>1</sup>/<sub>2</sub> ft. high, W. of cor.  
Pits impracticable.
- 54.74 Wire fence, bears E. and W.
- 59.85 William C Brook's house, bears E., 6.00 chs. dist.
- 60.95 Road, to W.C. Brook's house, bears E. and W.
- 74.00 Wire fence, bears E. and W.
- 79.00 Road, from William C. Brook's house to Swansea, Arizona, bears N. 30° E. and S. 35° W.
- 79.44 The cor. of secs. 5, 6, 7, and 8, **hereinafter described**  
N. 28 chs., rough, mountainous land, with practically no soil.  
S. 32 chs., level, river bottom; soil, fine, sandy loam, on gravelly and sand subsoil, light growth of bunch grass. Timber, mesquite and scattering cottonwood.

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Note: At the witness cor. to the <sup>1</sup>/<sub>4</sub> sec. cor. bet. secs. 5 and 6, I set off 14°42' N. on the decl. arc, and at noon observe the sun on the meridian, and obtain a reading of 34°14'<sup>1</sup>/<sub>2</sub>' N. on the lat. arc.

----- Aug. 13, 1913.

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August 1, 1913 At the cor. of secs. 5, 6, 7, and 8, I set off 18°03' N. on the decl. arc, and at noon observe the sun on the meridian, the resulting latitude being 34°14' N.

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August 1, 1913 At 1<sup>h</sup> 36<sup>m</sup> p.m., l.m.t. I set off 34°14' N. on the lat. arc, 18°02' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7, and 8, **hereinafter described**  
Thence I run,

West, on a random line, bet. secs. 6 and 7,  
40.00 Set temp. <sup>1</sup>/<sub>4</sub> sec. cor.,

----- August 1, 1913.

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August 13, 1913 At 2<sup>h</sup> 05<sup>m</sup> p.m., l.m.t. I set off 34°14' N. on the lat. arc 14°40'<sup>1</sup>/<sub>2</sub>' N. on the decl. arc, and determine a meridian with the solar at the temp. <sup>1</sup>/<sub>4</sub> sec. cor. bet. secs. 6 and 7., which I set Aug. 1., Thence I continue my random line, West, bet. secs. 6 and 7,

78.98 Intersect W. bdry. of Tp., 40 lks. N. of the cor. of secs. 1, 6, 7, and 12, recently estab. by me as described in Book "N",  
Thence I run,  
N. 89°43' E., on a true line, bet. secs. 6 and 7,

*Partial* Subdivision of T.10 N., R 14 W.

Chains.	
	Descend steep NE. slope of spur, over mountainous land.
5.50	Dry ravine, course N.10°W., asc. spur.
7.60	Top of spur, bears N. and S., desc.
12.50	Dry ravine, in bottom of canyon, 100 ft. deep, course NW., asc.
21.00	Top of spur, bears NW. and SE., desc.
38.00	Dry ravine, 15 lks. wide, course NW., asc.
38.98	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 $\frac{19}{4}$ 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.
40.00	Top of ridge, bears N. and S., leave mountainous land, bears N. and S., enter rolling land.
54.23	Dry ravine, 20 lks. wide, 12 ft. deep, course NW.
55.75	Top of ridge, bears NW. and SE., desc.
60.00	Foot of ridge, enter level, bottom land, bears N. and S.
78.75	Road, from William C. Brook's house to Swansea, Arizona, bears N. 20°E. and S. 20°W.
78.98	The cor. of secs. 5, 6, 7, and 8, <del>hereinbefore described</del> W. 40 chs. high, mountainous land; spurs with very little poor stony soil on ledges of porphyry and granite stone. E. 40 chs. level and rolling, soil, light, sandy and gravelly loam, on gravel subsoil. No timber.

August 13, 1913.

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General Description.

The land in this township varies from level to mountainous and the soil ranges from clay and alkali to sandy loam. The soil of the bottom land along the Bill Williams Fork River is a rich sandy loam capable of producing good crops with the aid of irrigation. The soil of the mountainous portion is practically worthless.

The township is poorly watered and has only a scrub growth of palo verde, mesquite and catclaw timber.

A large portion of this township is of a quartz and porphyry rock formation an indication of mineral deposits. There are three settlers in the township, one each in sections 14, 9, and 5.

*Sidney E. Blout*  
U.S. Surveyor.

CERTIFICATE OF ASSISTANTS.

Same applies to Books A, B, C, D, E and F of Group 19  
Same applies to Books A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R and S of Group 20

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,

*Sidney E. Blout*

U. S. Surveyor, during the periods and in the capacities

stated opposite our several signatures, in surveying <sup>retracing or resurveying</sup> all those parts or portions of *The West* body and subdivision lines of T 3 N. R 3 E., the S. and W. tds. and subdivision lines of T 1 S., R 1 W. The exterior and subdivision lines of T 8 S., R 19 W. The E. and S. tds. and subdivision lines of Tps 9 N. R 2 and 3 E. The exterior and subdivision lines of T 10 N., R 14 W., the E., W. and S. tds. and the subdivision lines of T 16 N., R 2 W. The exterior and subdivision lines of T 16 N., R 2 E., the E., W. and S. tds. and subdivision lines of T 13 N., R 6 W. The exterior and subdivision lines of T 19 N., R 8 W., the 4th Standard Parallel North, then R. 2 W., the Gila and Salt River meridian through Tps. 9, 10, 11, 11 1/2, 12 and 12 1/2 N. the 1st, 1 E. and 1 W. and the 3rd Standard Parallel north through R 3 E. and 1 W. and correcting surveys in T. 12 N., R. 1 E. which was originally surveyed under Group 11

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

and in Books A, B, C, D, E and F of Group 19 and Books A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R and S of Group 20 which are represented in the foregoing field notes, as having been executed by him, and under his direction; and that said surveys <sup>retracements and resurveys</sup> have been, in all respects, to the best of our knowledge and belief, well and

faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<i>Frank White</i>	<i>December 3 1912</i>	<i>January 9 1913</i>	<i>Moundman</i>
<i>Joe Sabir</i>	<i>Jan 5<sup>th</sup> 1913</i>	<i>January 21 1913</i>	<i>Axman</i>
<i>A. V. Burdick</i>	<i>October 28<sup>th</sup> 1912</i>	<i>January 26 1913</i>	<i>Flagman</i>
<i>B. C. Emerson</i>	<i>January 31<sup>st</sup> 1913</i>	<i>April 7<sup>th</sup> 1913</i>	<i>Moundman</i>
<i>Edwin Long</i>	<i>March 3<sup>rd</sup> 1913</i>	<i>March 11<sup>th</sup> 1913</i>	<i>Moundman</i>
<i>Claude Beaman</i>	<i>January 31<sup>st</sup> 1913</i>	<i>March 22<sup>nd</sup> 1913</i>	<i>Flagman</i>
<i>Earl Beach</i>	<i>March 17<sup>th</sup> 1913</i>	<i>March 22<sup>nd</sup> 1913</i>	<i>Axman</i>
<i>J. J. Davison</i>	<i>March 24 1913</i>	<i>April 7 1913</i>	<i>Flagman</i>
<i>E. L. Starn</i>	<i>October 30 1912</i>	<i>May 5<sup>th</sup> 1913</i>	<i>Chairman</i>
<i>J. H. White</i>	<i>October 30 1912</i>	<i>October 3 1913</i>	<i>Chairman</i>
<i>J. W. Shirley</i>	<i>April 3 1913</i>	<i>October 3 1913</i>	<i>Flagman</i>
<i>George S. Henry</i>	<i>March 17 1913</i>	<i>October 3 1913</i>	<i>Moundman</i>
<i>J. C. Emerson</i>	<i>May 15 1913</i>	<i>October 3 1913</i>	<i>Axman</i>
<i>J. C. Eriente</i>	<i>April 29 1913</i>	<i>October 3 1913</i>	<i>Chairman</i>

Subscribed and certified to before me on the dates of the final service as shown above.

*Sidney E. Blout*

U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

Same applies to Books "A", "B", "C", "D", "E" and "F" of Group 19

Same applies to Books A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R and S of Group 20

I, Sidney E. Blout, U. S. Surveyor, do solemnly swear that, in pursuance of special <sup>and supplemental</sup> instructions received from the U. S. Surveyor General for Arizona for Groups 19 & 20

bearing date of the 2<sup>nd</sup> day of May 1912 and the 7<sup>th</sup> and 12<sup>th</sup> day of October 1912, 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 <sup>retraced or resurveyed</sup> all those parts or portions of W. 1/2 and Subdivision lines of T 3 N. R 3 E. The exterior and Subdivision lines of T 5. R 1 W. The exterior and Subdivision lines of T 8.5. R 1 W. The E. 1/2 of T 9 N. R 2 E and Subdivision lines of T 9 N. R 2 and 3 E. The exterior and Subdivision lines of T 10 N. R 14 W, the E. 1/2 and S. 1/2. and Subdivision lines of T 14 N. R 2 W. The S. and S. 1/2 and Subdivision lines of T 16 N. R 2 E, the E. 1/2 and Subdivision lines of T 13 N. R 6 W. The exterior and Subdivision lines of T 19 N. R 8 W, the 4<sup>th</sup> Sub. Parallel with the R. 2 W., the Gila and Salt River meridian. through Tps. 9, 10, 11, 11 1/2, 12 and 12 1/2 N. bet. R. 1 E and 1 W. of the 3<sup>rd</sup> Standard Parallel with through Ranges 6 E. and 1 W. and corrected surveys in T. 12 N. R. 15 W. which was originally surveyed under Group 11 of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and notes in Books A, B, C, D, E and F of Group 19 and Books A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R and S of Group 20

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 surveys <sup>retracements or resurveys</sup> have been established, <sup>or reestablished</sup> and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special <sup>and supplemental</sup> written instructions of the U. S. Surveyor General for Arizona and in the specific manner described in the field notes, and that <sup>and notes in Books A, B, C, D, E and F of Group 19 and Books A, B, C, D, E, F, G, H, I, J, K, L, M, N, P, Q, R and S of Group 20</sup> the foregoing are the original field notes of such surveys, <sup>retracements and resurveys</sup>.

Sidney E. Blout  
U. S. Surveyor.

Subscribed by said Sidney E. Blout, and sworn to before me }  
this 23<sup>rd</sup> day of February, 1914

Frank Ingalls  
SURVEYOR-GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, July 27, 1914

The foregoing field notes of the survey of \_\_\_\_\_

Part of the Subdivision lines of

Township No. 10 North, Range No. 14 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, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank Ingalls  
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.~~