

BOOK "G"

BOOK 2633

FIELD NOTES

OF THE SURVEY OF ~~THE~~

PART OF THE

Subdivision lines of

TOWNSHIP N^o 9 NORTH, RANGE N^o 3 EAST

(section 18 only)

Of the *Gila and Salt River Base and 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 *August 23*, 1912

Survey commenced *February 5*, 1913Survey completed *February 6*, 1913

BOOK 2633

INDEX DIAGRAM.

Township 9 ^{North} South, Range 3 East.

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

Partial Subdivision of T.9 N.R 3 E.

Chains. I find in making the survey of the East boundary of T.9 N.,R 2 E., that the greater portion of the claim and improvements belonging to George Cowl, applicant for the survey of T 9 N.,R 2 E., are located in T.9 N.,R 3 E.; therefore in order to include the whole of the applicant's claim, I survey such lines in T 9 N.,R 3 E., as are necessary to include this claim.

Survey commenced February 5, 1913. and executed with a Young and Sons light mountain transit No.10 with solar attachment; The horizontal limb being 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 find them correct, and know from recent tests of the solar apparatus by comparing the results of observations on the sun made during a.m., and p.m. hours, with a meridian established by observation on Polaris, that the instrument is in satisfactory adjustment.

I begin at the cor. of secs. 13, 18, 19, and 24., on E. bdry. of T 9 N., R 2 E., which I established Feb. 4, 1913, as described in Book "F" ^{LATITUDE} 34°06'57"N., longitude 112°05'52"W.

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

At 3^h 14^m p.m., l.m.t., I set off 34°07'N. on the lat. arc, 15°51½'S. on the decl. arc, and determine a meridian with the solar at the above mentioned cor.

Thence I run, on true line,

East, bet. secs. 18 and 19,

Over level sandy bottom land, through, mesquite, ironwood and palo verde timber, and creosote brush undergrowth 3 ft. high.

- 1.40 Leave bottom land bears NW. and SE., enter stony mountainous land, ascend abrupt SW. slope.
- 4.00 Top of spur 60 ft. above bottom bears N. and S. desc.
- 25.40 Foot of descent in depression, bears N. and S. asc.
- 39.76 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¹⁹¹³ ¼ S 18 in N. half and S 19 in S. half. No trees suitable for bearing trees within limits.; Raise a mound of stone 2 ft. base, 1½ ft. high N. of cor., Pits impracticable.

February 5, 1913.

February 6th 1913. At 7^h 59m a.m., l.m.t. I set off 34°07'N. on the lat. arc, 15°37'S. on the decl. arc, and determine a meridian with the solar at the ¼ sec. cor. bet. secs. 18 and 19., which I established last evening, thence I continue my line east, bet. secs. 18 and 19, on E ½ mile.

- 49.60 Foot of mesa, bears NE. and SW., leave timber, bears NE. and SW., ascend abrupt NW. slope, over loose malpais boulders
- 78.30 Foot of cliff, 100 ft. high, bears NE. and SW., ascend.
- 79.76 Top of cliff, on W. edge of mesa.; 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 ¹⁹¹³ T 9 N. R 3 E. in N. half. S18 in NW., S17 in NE., S20 in SE., and S 19 in SW. quadrant.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.; Pits impracticable.

Land level and mountainous, NW. slope; soil of bottom land light dry sandy loam 2 ft. deep. soil of the mountainous, land stony and practically worthless. light growth bunch grass. Timber iron wood, mesquite and palo verde.

N. 0°03'W., bet. secs. 17 and 18,

Descend cliffs 100 ft. high along top of mesa.

- 1.00 Foot of cliff, bears N. 60°E. and S. 60°W., thence continue abrupt descent, over NW. slope of mesa into canyon.
- 18.90 Foot of descent, in canyon, 650 ft. below top of mesa, cross dry ravine, 20 lks. wide, course W., ascend abruptly, over

Partial Subdivision of T 9 N., R 3 E.

- Chains. S. slope of mesa.
- 35.60 Foot of cliffs, 100 ft. high, along S. edge of mesa.
- 36.50 Top of cliff, on S. edge of mesa, bears N. 70° E. and S. 70° W., leave mountainous land, bears N. 70° E. and S. 70° W., enter rolling mesa land.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ 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.
- 77.85 North edge of mesa, bears N. 60° E. and S. 60° W., leave rolling land, bears N. 60° E. and S. 60° W., enter stony mountainous land and descend abrupt NW. slope.
- 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, ¹⁹¹³ T 9 N., R 3 E. in N. half. S 7 in NW., S 8 in NE., 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.
 Land rolling and mountainous. slopes of mesa steep, soil stony, worthless. top of mesas rolling prairie; soil poor stony adobe clay loam 2 ft. deep on stony clay subsoil good growth bunch grass. No timber.

Note: Clouds obscure the sun at noon today rendering an observation for latitude impossible.

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- 40.00 West, on a random line, bet. secs. 7 and 18, Set temp. $\frac{1}{4}$ sec. cor.
 - 79.78 Intersect W. bdy. of Tp, 200 lks. N. of the witness cor. to cor. of secs. 7, 12, 13, and 18. which I recently established 200 lks S. of true point for cor. as described in Book "F" Thence I run, East, from true point for cor. of secs. 7, 12, 13, and 18, bet. secs. 7 and 18, In stony river bed. of the Agua Fria river.
 - 11.80 Cross stream of clear water, 40 lks. wide, course SE.
 - 12.20 Intersect left bank of river, bears NW. and SE., ascend bluff 40 ft. high.
 - 13.60 Top of bluff, bears NW. and SE., desc.
 - 14.50 Foot of descent in ravine course S 80° W. thence in ravine.
 - 19.00 A point from which a spring of fresh water bears south 150 lks. dist.
 - 26.15 Leave ravine, ascend stony NW. slope over mountainous land. through scattering palo verde and mesquite timber.
 - 39.78 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 7 in N. half and S 18 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.
 - 42.40 Top of spur, bears NW. and SE., desc.
 - 43.80 Dry ravine, 20 lks. wide, course N. 20° W., asc. abruptly over NW. slope of mesa.
 - 70.00 Point of Mesa, bears S. 200 lks. dist.
 - 79.78 The cor. of secs. 7, 8, 17, and 18, hereinafore described. Land broken and mountainous; ridges and spurs; with light poor stony and sandy loam on underlying shale subsoil slopes of spurs steep, washed, stony. Timber palo verde and mesquite.

February 6, 1913.

Sidney E. Blout
 U.S. Surveyor

GENERAL DESCRIPTION.

This township is for the most part rough and mountainous with very little land along the Agua Fria River in the western part, suitable for agricultural purposes. The soil of the bottom land along the Agua Fria River in sec. 18 is a sandy loam and produces fair crops and is being farmed by irrigation at the present time. The remainder of the

land in the township is so rough and the soil so poor as to be of practically no value for agricultural purposes. There is only one settler in this township in sec. 18. The township is poorly timbered and poorly watered by the Agua Fria River and Squaw creek which flow only for short periods during the year.

Sidney E. Blout

U.S. Surveyor.

BOOK 2633

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 accordance 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 _____, 1914

The foregoing field notes of the survey of part of the _____
Subdivision lines of _____
Township No.9 North, Range No.3 East
of the Gila and Salt River Base and Meridian
Arizona
(section 18 only).

executed by Sidney E. Blout, U.S.Surveyor
under his special instructions dated May 29 _____, 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 S. 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.~~

~~U. S. Surveyor General.~~