

Exterior
BOOK "AH"

BOOK 2561

2361

FIELD NOTES

OF THE ^{RE} SURVEY OF PART OF THE

East boundary of Twp. No. 24 N. Range No. 18
East:

of the *Gila and Salt River Base* and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney C. Blouh, United States ~~Deputy Surveyor~~ ^{Examiner of Surveys}

Special Instructions from the Commissioner of the General Land Office
Under ~~his Contract No.~~, dated *Oct. 2nd 1907* and *May 15th 1908*

Re Survey commenced *April 27th*, 1910

Re Survey completed *May 9th*, 1910

1912

NAMES AND DUTIES OF ASSISTANTS.

<i>Van L. White</i>	<i>Compassman</i>
<i>Armed L. Warner</i>	<i>Chairman</i>
<i>P. J. White</i>	<i>Chairman</i>
<i>Chas L. Shumway</i>	<i>Moundman</i>
<i>Bertram C. Proome</i>	<i>Armer</i>
<i>William R. Pearson</i>	<i>Plagman</i>

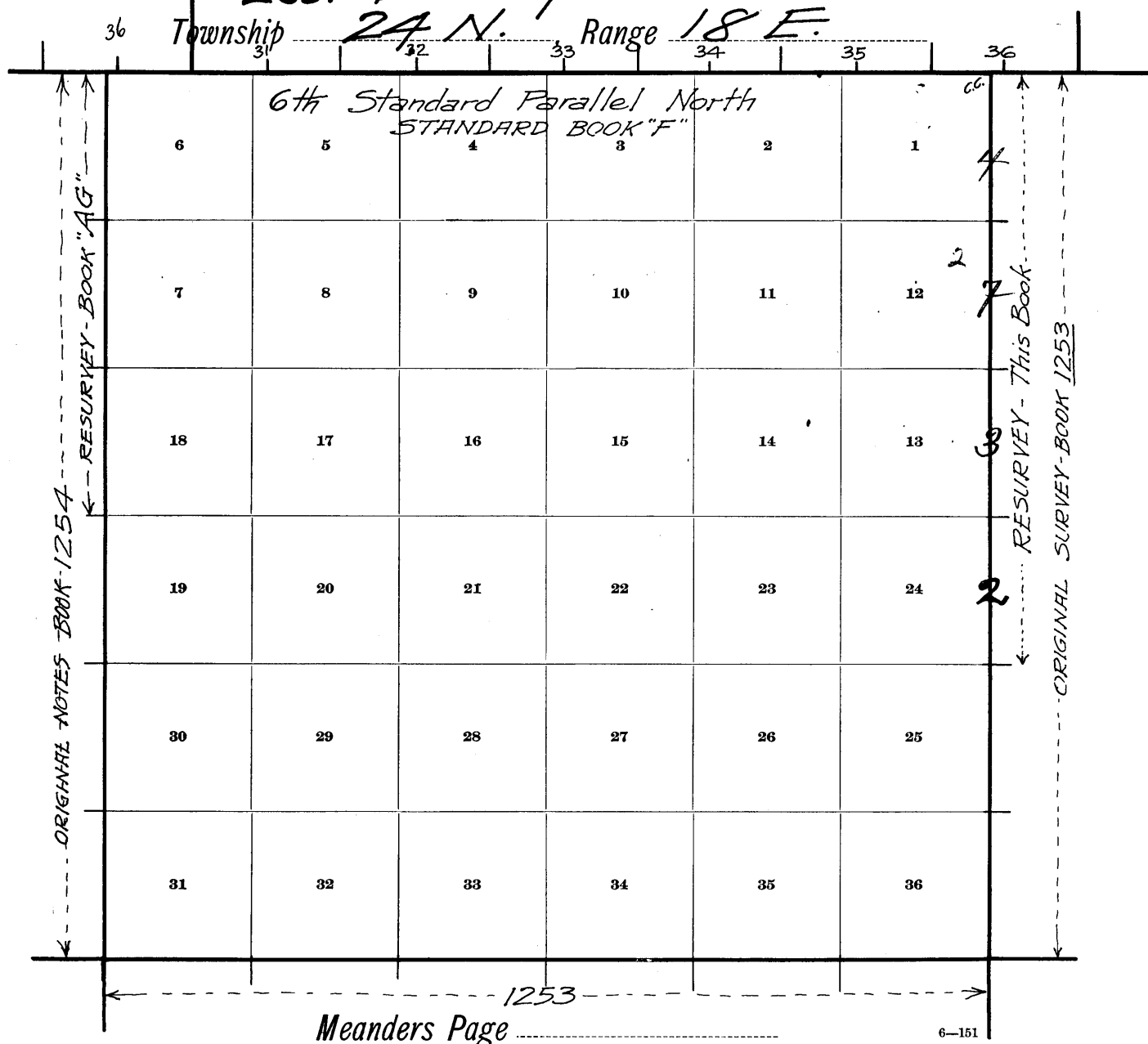
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BOOK 2561

INDEX DIAGRAM.

East Boundary

Township *24 N.* Range *18 E.*



PRELIMINARY OATHS OF ASSISTANTS.

We, Fred L. Warner and J. Y. White

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the ^{re}survey of ^{part of the} the Cash boundary of Twp. No. 24 N. R. No. 18 E. of the G. & S. R. Base & Mer. Arizona.

Fred L. Warner, Chainman.
J. Y. White, Chainman.

Subscribed and sworn to before me this 8th day of May, 1910



Sidney E. Blous
U.S. Examiner of Surveys

I, Chas. L. Shumway

do solemnly swear that ~~we~~ I will well and truly perform the duties of moundman in the ^{re}establishment of corners, according to the instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the ^{re}survey of ^{part of the} Cash boundary of Twp. No. 24 N. R. No. 18 E. of the G. & S. R. Base & Mer. Arizona.

Chas. L. Shumway, Moundman.
Moundman.

Subscribed and sworn to before me this 8th day of May, 1910



Sidney E. Blous
U.S. Examiner of Surveys

I, Bertram C. Broome

do solemnly swear that ~~we~~ I will well and truly perform the duties of axman in the ^{re}establishment of corners and other duties, according to instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the ^{re}survey of ^{part of the} East boundary of Twp. No. 24 N. R. No. 18 E. of the G. & S. R. Base & Mer. Arizona.

Bertram C. Broome, Axman.
Axman.

Subscribed and sworn to before me this 8th day of May, 1910



Sidney E. Blous
U.S. Examiner of Surveys

I, William P. Carson, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the

^{part of the} resurvey of Co. Twp. No. 24 N. R. No. 18 E. of the G. & S. R. Base & Mer. Arizona.

William P. Carson, Flagman.

Subscribed and sworn to before me this 8th day of May, 1910



Sidney E. Blous
U.S. Examiner of Surveys

part of the
 Re-survey of ^{part of the} East boundary of Twp 24 N., R. 18 E.
 Chains

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Re-survey commenced April 27th 1910. and executed with a Wand L. E. Gurley engineer's transit No. 76 with a Bush Solar attachment. The horizontal limb being provided with our double vernier reading to single minutes of arc. The verniers of the latitude and declination arcs reading to 0' 30" of arc.

I examine the adjustments of the transit and finding them correct, 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 established by observations on Polaris that the instrument is in satisfactory adjustment.

I begin at the ^{old Tp.} Closing Cor. of Twp. 24 N., R. 18 E. which is a Cedar post 4 ins. sq., 18 ins. above ground, firmly set, marked C.C. on S. face T24 N., R. 18 E. 86 on E. and T24 N., R. 18 E. 81 on W. faces, with 6 grooves on E., S., and W. faces, with a mound of stone 2 ft. base 1 1/2 ft. high S. of cor.

Latitude $35^{\circ}30'35''$ N., Longitude $110^{\circ}22'1/2''$ W.
 At 2^h 00^m p.m. ^{l.m.t.} I set off $35^{\circ}30'1/2''$ N. on the lat. arc $13^{\circ}46'1/2''$ N. on the decl. arc and determine a meridian with the solar alt. the above described cor. thence I run,

40.00 South, on a random line, bet. secs. 1 and 6, I make a diligent search for the old 1/4 sec. cor. which I am unable to find.

81.97 Fall 5 lks. E. of the remains of the old cor. of secs. 1, 6, 7 and 12, which is a Cedar post, greatly decayed, marks nearly obliterated, lying on a small mound of earth, with traces of two pits. Set lamp post for cor. of secs. 1, 6, 7 and 12, in the mound midway between the the remains of the two pits.

True ^{and dist.} Course of line back to the ^{old Tp.} Closing Cor. $N0^{\circ}02'E$, 81.97 chs.

40.00 South, on a random line, bet. secs. 7 and 12, I make a diligent search for the old 1/4 sec. cor. which I am unable to find.

80.12 Fall 12 lks. W. of the old cor. of secs. 7, 12, 13 and 18 which is a Cedar post, broken off, about 4 ins.

BOOK 2561

Resurvey of ^{part of} the East boundary of Twp 24 N. R18 E.

above the surface of the ground, the broken off portion marked as described in the original field notes furnished me by the Surveyor General.

No trace of pits, or mound of earth.

True Course ^{and dist} of line back to the ^{old} Cor. of sec. 1, 6, 7 and 12 ^{hereinbefore described}
N 0° 05' W, 80.12 chs.

40.00 South, on a random line, bet. sec. 13 and 18, find the old 1/4 sec. cor. which is a post 3 ft. long, 2 ins. in diam. lying on the ground, 200 lbs. East of my line. but am unable to find any evidence of its original location

80.04 Fall. 5 lbs. W. of the ^{old} Cor. of sec. 13, 18, 19 and 24 which is a basal stone 20 x 16 x 12 ins., firmly set, marked and witnessed as described in the original field notes furnished me by the Surveyor General.
True Course ^{and dist} of line back to the ^{old} Cor. of sec. 7, 12, 13 and 18 ^{hereinbefore described}
N 6° 02' W, 80.04 chs.

40.00 South, on a random line, bet. sec. 19 and 24, make a diligent search for the old 1/4 sec. cor. but am unable to find any evidence of it
80.00 Intersect the old cor. of sec. 19, 24, 25 and 30 which is a line stone 20 x 12 x 3 ins. firmly set, marked and witnessed as described in the original field notes furnished me by the Surveyor General.

April 27 1910.

I find from my retracement of the East boundary of Twp 24 N. R18 E., that many of the 1/4 sec. cor. can not be found and that the sec. cor. are many of them in a dilapidated condition & therefore resurvey the north 4 miles of this line as follows.

May 9th 1910: Ob. 7^h 10^m a.m. ^{1. m. to} D set off. 35° 27' N. on the lat. arc: 17° 14 1/2' N. on the decl. arc and determine a meridian with the solar at the ^{old} Cor. of sec. 19, 24, 25 and 30 ^{hereinbefore described} ^{3 times} & run, North, on a true line, bet. sec. 19 and 24, ascend S. slope over stony mountainous land

33.70 Top of ascent on Spur bears E. and W. desc. over N. slope

40.00 Set a basalt. stone 24x12x12 ins. 18 ins. in the ground for ^{re-established} 1/4 sec. cor. marked 1/4 on W. face. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable No trace of old 1/4 sec. cor.

53.00 A spring bears wash. 6.00 Chs. dish.

80.00 Intersect the ^{old} cor. of sec. 13, 18, 19 and 24, ^{hereinbefore} described. Land mountainous. Soil stony 3rd and 4th rate No timber

N. 0° 02' W., on a true line, bet. sec. 13 and 18; Descend N. slope over stony mountainous land.

50 Descend mountainous land bears E. and W., Enter hilly sandy land.

15.75 Road to Cedar Springs trading post bears N.E. and S.W.

40.02 Set a basalt. stone 14x8x6 ins., 10 ins. in the ground for ^{re-established} 1/4 sec. cor. marked 1/4 on W. face. Dig pits 18x18x12 ins. N and S. of stone 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Destroy all evidence of remains of old 1/4 sec. cor.

61.55 Dry sand wash 30 lbs. wide course Wash. are.

80.04 Intersect the old cor. of sec. 7, 12, 13, and 18, ^{hereinbefore} described.

This corner being in a state of dilapidation I destroy all evidence of the remains of the old corner and re establish it in the same place as follows; Set a basalt. stone 14x12x4 ins. 10 ins. in the ground for cor. of sec. 7, 12, 13 and 18. marked with 2 notches on N. and 4 notches on S. edges., Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land rolling hilly and mountainous. Soil sandy and stony 3rd and 4th rate. No timber Mountainous land 40.50 chs

N. 0° 05' W., on a true line, bet. sec 7 and 12,

part of the East boundary of Twp 24 N., R 18 E

Chain

Ascend gradually S.W. slope over rolling sandy land.

40.06 Set a basalt stone 12x12x4 ins., 8 ins. in the ground for ^{re-established} 1/4 sec. cor. marked 1/4 on W. face.
Dig pits 18x18x12 ins. N. and S. of stone 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor. No trace of old 1/4 sec. cor.

NOTE: Ch. this cor. Ditch off 17° 17' N. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 35° 29 1/2' N. on the lat. arc

80.12 Intersect the ^{old} cor. of sec. 1, 6, 7 and 12 ^{hereinbefore described}. This cor. being in a state of dilapidation. Destroy all evidence of the remains of the old corner and re-establish it in the same place as follows:
Set a basalt stone 18x10x8 ins., 12 ins. in the ground for cor. of sec. 1, 6, 7, and 12., marked with 1 notch on N. and 5 notches on S. edges.
Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling.
Soil sandy 3rd rate.
No timber

N. 0° 02' E., on a true line, bet. sec. 1 and 6,
Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass

25.00 Cross branch of Corn Creek 100 lbs. wide 4 ft. deep course west. are gradually

40.00 Set a basalt stone 12x8x8 ins., 8 ins. in the ground for ^{re-established} 1/4 sec. cor. marked 1/4 on W. face.
Dig pits 18x18x12 ins. N and S. of stone 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft high W. of cor. No trace of old 1/4 sec. cor.

81.97 Intersect the old closing cor. of Twp. 24 N., R 18 and 19. E., on 6th Standard Parallel North, ^{hereinbefore described}.
Land rolling
Soil sandy 3rd rate
No timber

Sidney E. Blout
U. S. EXAMINER OF SURVEYS
May 9th 1910

U.S. EXAMINER OF SURVEYS
FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Blouh
Examiner of Surveys
United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the ^{re} survey of ^{part of} the East:

boundary of Twp No. 24 N., Range No. 18 East of the G. & S. R.
Base & Meridian, Arizona.

showing the respective capacities in which they acted:
Fred L. Warner Van L. White — Compassman
....., Chainman.

J. Y. White....., Chainman.

Chas L. Shumway....., Moundman.

Bertram C. Broome....., Arman.

William R. Carson....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blouh
Examiner of Surveys
United States Deputy Surveyor, in ^{re} surveying all

those parts or portions of the East boundary of Twp No. 24 N., Range
No. 18 East.

..... of the Gila and

Salh River Base and Meridian, Territory of Arizona, which are represented

in the foregoing field notes as having been ^{re} surveyed by him and under his direction; and that said ^{re} survey
has been in all respects, to the best of our knowledge and belief, well and faithfully ^{executed} surveyed, and the
corner monuments ^{re} established, according to the instructions furnished by the United States Surveyor

General for of the General Land Office Van L. White Compassman

Fred L. Warner....., Chainman.

J. Y. White....., Chainman.

Chas L. Shumway....., Moundman.

Bertram C. Broome....., Arman
~~Moundman~~

William R. Carson....., Flagman.

Subscribed and sworn to before me this 28th
day of July, 1910



Sidney E. Blouh
U.S. Examiner of Surveys

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EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, ^{Examiner of Surveys} ~~United States Deputy Surveyor~~, do solemnly swear that, in pursuance of ^{Special Instructions} ~~contract~~ received from the Commissioner of the General Land Office, bearing date of the 2nd day of Oct. 1907 and 15th day of May, 1908, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the ^{Commissioner} ~~United States Surveyor General~~ for of the General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The East boundary of Twp. No. 24 North, of Range No. 18 East.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed 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 ^{Commissioner} ~~United States Surveyor General~~ for of the General Land Office, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Sidney E. Blout
United States Deputy Surveyor
Examiner of Surveys.

Subscribed by said Sidney E. Blout, and sworn to before me }
this 14th day of March, 1911

Frank S. Ingalls
Surveyor General of Arizona



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1914

The foregoing field notes of the survey of part of the
East boundary of
Township No. 24 North, Range No. 18 East of the
Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout — U.S. Examiner of Surveys
under ^{Special Instructions from the Commissioner of the General Land Office} ~~his contract No.~~, dated October 2, 1907 and May 15, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General
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.

United States Surveyor General.