

Exterior
BOOK "AC"

2556

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BOOK 2556

FIELD NOTES

OF THE SURVEY OF THE

*West boundary of Tp. No. 27 N. Range No. 14
East*

of the Gila and Salt River Basal and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blouk

Examiner of Surveys

, United States ~~Deputy Surveyor~~

Special Instructions from the Commissioner of the General Land Office

Under ~~his Contract No.~~, dated ~~Oct. 2nd~~ 1907 and ~~May 15th~~, 1908

Survey commenced Decem^r ber 22nd, 1909

Survey completed Decem^r ber 22nd, 1909

NAMES AND DUTIES OF ASSISTANTS.

Vau L. White Comptroller

Fred L. Warner Chairman

Earl Albright Chairman

Ralph Sampson Moundman

Chas L. Shumway Axman

William P. Carson Plagman

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INDEX DIAGRAM.

Township No. 27 No. . . . , Range No. 14 Co. . . .

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PRELIMINARY OATHS OF ASSISTANTS

WE, _____ and _____ 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 survey of _____

_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me this _____ }
day of _____, 190



WE, _____ and _____ do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.
_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 190



WE, _____ and _____ do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.
_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 190



I, _____, 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 survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 190



See Exterior Book

"M"

Chains

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Survey Commenced December 22nd 1909 and executed with a W and L. E. Surly engineers transit No. 76, with a Burt solar attachments. The horizontal limb is provided with one double vernier reading to single minutes of arc., The verniers of the latitude and declination arcs read to 0'30" of arc.

Examine the adjustments of the transit and and them to be as nearly perfect as I can make them and know from recent tests of the solar apparatus by comparing the results of observations made on the sun during a.m. and p.m. hours with the meridian established by the Polaris observation at my camp near the Cor. of sec. 15, 16, 21 and 22, Twp. 28 N., R. 15 E.

that the instrument is in satisfactory adjustment therefore I begin at the Cor. of Twp. 26 and 27 N.,

R. 13 and 14 E., ^{described in Exterior Book "A"} which I reestablished Nov. 3rd 1909.

Latitude 35°41'01"N. Longitude 110°54'09"W.

At 8^h 30^m a.m. ^{1 m. to} set off 35°41' N. on the lat. arc. 23°24' S. on the decl. arc. and determine a meridian with the solar. Thence I run,

North, 1/2 sec. 31 and 36,

Ascend steep S.E. slope over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.

8.00 Top of steep ascent. ascend gradually over rolling land.

40.00 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 T 36 on W. half and S 31 on E. half.

Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high th. of cor.

59.00 Top of sand ridge bear E and W. desc gradually over rolling land.

69.70 Top of descent in depression bear N.W. and S.E. drain to the S.E. asc. gradually.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for Cor. of sec. 25, 30, 31 and 36. marked on brass cap T 27 N. in N. half, R. 13 E. S. 25 in N.W. R. 14 E. S. 30 in N.E. S. 31 in S.E. and S. 36 in S.W. quadrants.

Dig pits 18x18x12 ins. in each. sec. 5 1/2 ft. dist. and

West boundary of Twp 27 N. R. 14 E.

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Chain

raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land rolling and hilly.
 Soil sandy 3rd rate
 No timber.

North, Twp. secs. 25 and 30,

Ascend S. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.

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.
 N 45 25 on W. half and S 30 on E. half.

Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dish and
 raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W.
 of cor.

56.00 Top of sand ridge from N.E. and S.W. desc. N.W.
 slope.

80.00 Set an iron post, 3 ft. long 3 ins. in diam. 24 ins.
 in the ground for cor. of secs. 19, 24, 25, and 30.
 marked on brass cap T 27 N. in N half, R 13 E S 24
 in N.W. R 14 E S 19 in N.E. S 30 in S.E. and S 25 in
 S.W. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dish.
 and raise a mound of earth 4 ft. base, 2 ft.
 high W. of cor.

Land rolling.

Soil sandy 3rd rate.

No timber.

North, Twp. secs. 19 and 24,

Descend N. slope over rolling sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.

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.
 N 45 24 on W. half and S 19 on E. half.

Dig pits 18 x 18 x 12 ins. N and S. of post, 3 ft. dish.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
 high W. of cor.

West boundary of $\frac{1}{4}$ Sec 27 N. R14E.

Chain

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73.00 Dry ravine Course N.W. asc.
 78.00 Top of ridge bears N.W. and S.E. desc. gradually
 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24 marked on brass cap T27 N. in N. half., R13E S13 in N.W. R14E S18 in N.E. S19 in S.E. and S24 in S.W. quadrant.
 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.

North, beh. sec 13 and 18,
 descend N. slope over rolling sandy land through scattering sage and greasewood brush and bunch grass.

40.00 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 1/2 on W. half and S18 on E. half.
 Dig pits 18x18x12 ins. and 8. ft post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18. marked on brass cap T27 N. in N. half. R13E. S12 in N.W. R14E S7 in N.E. S18 in S.E. and S13 in S.W. quadrant.
 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.

North, beh. sec. 7 and 12,
 Over rolling sandy land through scattering sage and

West boundary of Twp 27 N. R 14 E.

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40.00 greasewood brush undergrowth and bunch grass
 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. 12 on W. half and S 7 on 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.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor of Secs 1, 6, 7 and 12 marked on brass cap T 27 N. in N. half T 13 E S 1 in N.W. T 14 E S 6 in N.E. S 7 in S.E. and S 12 in S.W. quadrant.
 Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land rolling.
 Soil sandy 3rd rate,
 No timber.

North, bet. Secs 1 and 6,
 ascend S.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

25.00 Top of sand ridge bears E and W. desc N. slope,
 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 1 on W. half and S. 6 on 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.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor of Twp. 27 and 28 N. R's 13 and 14 E. marked on brass cap. T 28 N. on N. half. T 27 N. on S. half. T 13 E S 36 in N.W. T 14 E S 31 in N.E., T 14 E S 6 in S.E. and T 13 E. S 1 in S.W. quadrant.

Dig pits 24x24x12 ins. on line N.E. and W. 4 ft. and S of post 8 ft. dist. and raise a mound of earth 5 ft. base $2\frac{1}{2}$ ft. high S. of cor.

Land rolling.
 Soil sandy 3rd rate.
 No timber.

December 22nd 1909

General Description:

Townships 27 N. Ranges 13 and 14 E. are generally rolling land hills producing an abundant growth of grass. There is some good farming land along the DeWets Wash. in R 13 E. - Twp. 27 N. R 14 E. has very little land land of any value for agricultural purposes.

Sydney E. Blous
U.S. Examiner of Surveys

December 22nd 1909.

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. Blous
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 survey of the West boundary of Twp No. 27 N. Range No. 14 East of the G. & S. R. Base & Meridian, Arizona showing the respective capacities in which they acted:

- Fredd. Warner Van L. White - Compassman, Chairman.
- Earl Albright Chainman.
- Moundman.
- Ralph Sampson Moundman.
- Chas. L. Shumway Arman.
- Arman.
- Flagman William R. Carson Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blous
Examiner of Surveys, United States Deputy Surveyor, in surveying all those parts or portions of the West boundary of Twp No. 27 N. R. No. 14 East of

..... of the Gila and Salt River Base and Meridian, Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the corner monuments established, according to the instructions furnished by the Commissioner General for of the General Land Office, Van L. White, Compassman Earl Albright and Fred L Warner, Chairman.
..... Chainman.
Ralph C. Sampson Moundman.
..... Moundman.
Chas L. Shumway Arman.
..... Arman.
William R Carson Flagman.

Subscribed and sworn to before me this 28th
day of July 1910, 190



Sidney E. Blous
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 ~~a contract~~ ^{Special Instructions} received from ~~the Commissioner of the United States Surveyor General for~~ ^{the Commissioner of the} ~~General Land Office~~, bearing date of the ~~2nd day of Oct. 1907~~ ^{and the 15 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 ~~United States Surveyor General for~~ ^{Commissioner} ~~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 West boundary of Twp No. 27 North, Range No. 14 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 ~~United States Surveyor General for~~ ^{Commissioner} ~~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, 1901

Frank Ingalls
SURVEYOR-GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1904

The foregoing field notes of the survey of the

West boundary of

Township No 27 North, Range No 14 East of the
Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout - U.S. Examiner of Surveys
under ~~his contract No.~~ ^{Special Instructions from the Commissioner of the General Land Office}, dated October 2, 1907 and May 15-1908, ~~190~~, 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
~~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.~~