

Exterior  
BOOK "AL" 2565

FIELD NOTES

OF THE SURVEY OF THE W 1/2  
AND RESURVEY OF THE E 1/2 OF THE

North Boundary of Township No.  
26 North, Range N° 13 East

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED  
AS SURVEYED BY

Van L. White ~~U.S. Reconn. train~~, United States Deputy Surveyor,  
Special Instructions from the Commissioner of the General Land Office.  
Under his Contract No. 1, dated Oct 2<sup>nd</sup> 1907 and May 15<sup>th</sup> 1908

AND RESURVEY  
Survey commenced October 15<sup>th</sup> 1910

AND RESURVEY  
Survey completed October 15<sup>th</sup> 1910

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BOOK 2565

NAMES AND DUTIES OF ASSISTANTS.

|                   |           |
|-------------------|-----------|
| T. Y. White       | Chairman  |
| Oscar W. Fetters  | Chairman  |
| Ralph C. Sampson  | Moundsman |
| George B. Seig    | Axman     |
| Nelson Polacca    | Axman     |
| William R. Carson | Flagman   |

Blank handwriting practice lines.

BOOK 2565

# INDEX DIAGRAM.

Township *26 N*, Range *13 E*

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*RESURVEYED*

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PRELIMINARY OATHS OF ASSISTANTS.

WE, T. Y. White and Oscar W. Fetters  
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

THE WEST HALF AND RESURVEY OF EAST HALF OF THE  
N. 26<sup>th</sup> Dry. of 1p. 26 N. R. 13 E. of the G. & S. R. Base & Meridian, Arizona

T. Y. White, Chainman.  
Oscar W. Fetters, Chainman.

Subscribed and sworn to before me this 13<sup>th</sup>  
day of Oct., 1910



Van L. White  
U.S. Transitman

I, Ralph C. Sampson

do solemnly swear that I will well and truly perform the duties of moundman in the establishment <sup>or re-establishment</sup> of corners, according to the instructions given <sup>me</sup> to the best of <sup>my</sup> skill and ability, in the survey of

THE WEST HALF AND RESURVEY OF EAST HALF OF THE  
N. 26<sup>th</sup> Dry. of 1p. 26 N. R. 13 E. of the G. & S. R. Base & Meridian, Arizona

Ralph C. Sampson Moundman.  
Moundman.

Subscribed and sworn to before me this 13<sup>th</sup>  
day of Oct., 1910



Van L. White  
U.S. Transitman

WE, George B. Seig and Nelson Polacca

do solemnly swear that we will well and truly perform the duties of axmen in the establishment <sup>or re-establishment</sup> of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

THE WEST HALF AND RESURVEY OF EAST HALF OF THE  
N. 26<sup>th</sup> Dry. of 1p. 26 N. R. 13 E. of the G. & S. R. Base & Meridian, Arizona

George B. Seig, Axman.  
Nelson Polacca, Axman.

Subscribed and sworn to before me this 13<sup>th</sup>  
day of Oct, 1910



Van L. White  
U.S. Transitman

I, William R. 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 survey of

THE WEST HALF AND RESURVEY OF EAST HALF OF THE  
N. 26<sup>th</sup> Dry. of 1p. 26 N. R. 13 E. of the G. & S. R. Base & Mer. Arizona.

William R. Carson, Flagman.

Subscribed and sworn to before me this 13<sup>th</sup>  
day of Oct., 1910



Van L. White  
U.S. Transitman

Survey commenced October 15<sup>th</sup> 1910 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 which is also the least count of the verniers of the latitude and declination arcs.

I examined the adjustments of the transit and found them perfect 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 established by observations on Polaris, that the instrument is in satisfactory adjustment.

I begin at the cor. of Twp. 26 and 27 N, R's 13 and 14 E, <sup>estab. by Sidney E. Blout, Nov. 3, 1909,</sup> which is an iron post 3 ins. in diam. 12 ins. above ground, firmly set, marked <sup>on brass cap</sup> T 27 N in N. half and T 26 N.

in S. half, R 13 E 336 in N.W. R 14 E 331 in N.E. R 14 E 36 in S.E. and R 13 E. 31 in S.W. quadrants with file 24 x 24 x 12 ins. N, E, and W, 4 ft. and S. of post 8 ft. dist. and mound of earth 5 ft. base, 2 1/2 ft. high S. of cor. Latitude 35° 41' 01" N. Longitude 110° 54' 17" W. At 7<sup>h</sup> 16<sup>m</sup> a.m. I set off 35° 41' N. on the lat. arc. 8° 16' S. on the decl. arc and determined a meridian with the solar, then I run,

S 89° 58' W, on a random line, along the N. side of Twp. 26 N, R 13 E., setting trip 1/4 sec. and sec. cor. at intervals of 40.00 chs. and at 478.86 chs. intersect the 3<sup>rd</sup> Guide Meridian East 15 chs S. of the cor. of Twp. 26 and 27 N, R's 12 and 13 E. which I established October 14<sup>th</sup> 1910. as described in Standard Book "O"

The falling answers to a correction of 0° 01', or 2 1/2 chs. N. per mile counting from the N.E. cor. of the Twp.; therefore I run,

N. 89° 59' E., 6 and 31, marking and blazing true line,

around W. slope over broken stony land through sage and greasewood bush undergrowth and bunch grass

14.74 Top of rocky ridge toward N. and S. desc.

32.86 Dry ravine course SW. and

38.86 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in

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- the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap. 14 S 31  
 on N. half and 36 on S. half.  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Pits impracticable
- 39.61 Top of clay ridge 20 ft. above cor. bears N and S. desc.  
 44.66 Dry ravine 10 lbs. wide course South. asc.  
 48.61 West side of Canyon bears N and S. desc. steep E slope  
 52.00 Bottom of Canyon course South. asc.  
 55.46 East side of Canyon bears N and S. ascend gradually  
 over W. slope.
- 70.26 Top of sand ridge bears N and S. desc.  
 78.86' Set an iron post 3 ft. long 3 ins. in diam 24 ins. in the  
 ground for cor. of secs. 5, 6, 31, and 32. marked on  
 brass cap. R 13 E. in E. half, T 27 N, S 32 in N.E. T 26 N,  
 S 5 in S.E. S 6 in S.W. and S 31 in N.W. quadrants.  
 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 hilly and broken.  
 Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber
- 
- NOTE: At this cor. set off  $8^{\circ} 24' S$ . on the decl. arc. and at noon  
 observe the sun on the meridian and obtain a reading  
 of  $35^{\circ} 41' N$ . on the lab. arc.
- 
- N 89 $^{\circ}$  59' E., set secs. 5 and 32,  
 Descend E slope over hilly sandy land through sage  
 and greasewood brush and 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. 14 S 32 on  
 N. half and 35 on 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.
- 45.00 Begin steep descent over N.E. slope.  
 59.00 Dry ravine course North. asc.  
 64.35 Top of rocky ridge bears N. and S. desc.  
 70.60 Dry ravine course North. asc.  
 72.80 Top of stony ridge. bears N and S. desc.  
 80.00 Set an iron post 3 ft. long 3 ins. in diam 24 ins. in  
 the ground for cor. of secs. 4, 5, 32 and 33 marked.

Survey of  $W\frac{1}{2}$  of North boundary of Tp 26 N. R 13 E.

ow brass cap R13E. in E half, T27 N. S 33 in N.E. T26 N. S 4 in S.E., S5 in S.W. and S32 in N.W. quadrants  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable  
 Land hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber

N.  $89^{\circ}59'E$ , bet. sec. 4 and 33,  
 Descend S.E. slope over hilly sandy land through scattering sage and greasewood bush undergrowth and bunch grass

- 20.32 Dry ravine 10 lks. wide course  $N65^{\circ}E$  acc.
- 33.50 Top of clay ridge bears N. and S. desc. Leads hilly land bears N. and S., enter rolling land.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $N45^{\circ}33$  on N. half and S. 4 on S. 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 3 in. in diam. 24 in. in the ground for <sup>re-established</sup> cor. of sec. 3, 4, 33 and 34, marked on brass cap. R13E. in E. half. T27 N. S 34 in N.E., T26 N. S 3 in S.E., S4 in S.W. and S33 in N.W. quadrant.  
 Dig pits 18x18x12 in. in each sec,  $5\frac{1}{2}$  ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. No trace of old sec. cor. can be found.  
 Land rolling and hilly.  
 Soil sandy 3<sup>rd</sup> rate.  
 No timber

Resurvey of  $E\frac{1}{2}$  of the North boundary of Tp. 26 N. R. 13 E

N.  $89^{\circ}59'E$ , bet. sec 3 and 34, resurveying,  
 Descend S.E. slope over rolling sandy land through scattering sage and greasewood bush undergrowth and bunch grass

- 30.90 Right bank of the De Nebeto Wash 35 ft. high bears N.E. and S.W. Leads undergrowth bears N.E. and S.W.
- 33.78 Left bank of the De Nebeto Wash 35 ft. high bears N.E. and S.W., Enter undergrowth bears N.E. and S.W. thence over rolling sandy and adobe land.

Resurvey of E $\frac{1}{2}$  of North boundary of Tp 26 N, R 13 E.

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- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for <sup>re-established</sup>  $\frac{1}{4}$  sec. cor. marked on brass cap. S 34 on N. half and S 3 on 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. No trace of old  $\frac{1}{4}$  sec. cor. can be found.
- 40.95 Road bears N 20° E, and S 20° W
- 47.45 Dry ravine 16 lks. wide 3 ft. deep course S.W.
- 55.28 The same ravine course N.W.
- 67.05 The same ravine course S.W.
- 80.00 Set an iron post 3 ft. long. 3 ins in diam. 24 ins. in the ground for <sup>re-established</sup> cor. of secs. 2, 3, 34 and 35, marked on brass cap. R 13 E in E half, T 27 N. S 35 in N.E. T 26 N. S 2 in S.E. S 3 in S.W. and S 34 in N.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. No trace of old 1/4 sec. cor. can be found.
- Land rolling  
Soil sandy 3<sup>rd</sup> rate.  
No timber
- N. 89° 59' E, bet. secs. 2 and 35,  
ground rolling N.W. slope over sandy land through scattering sage and greasewood bush undergrowth and bunch grass.
- 33.00 Top of sand ridge bears N. and S. descend rolling E. slope
- 37.71 Dry ravine 15 lks. wide 2 ft. deep course S.W. and gentle N.W. slope
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for <sup>re-established</sup>  $\frac{1}{4}$  sec. cor. marked on brass cap. S 35 on N. half and S 2 on 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. No trace of old  $\frac{1}{4}$  sec. cor. can be found.
- 70.00 Top of sand ridge bears N and S. desc. Land rolling  
land bears N and S. Enter hilly land.
- 71.80 Dry ravine 25 lks. wide course S.W. and
- 74.50 Top of sand ridge bears N.E. and S.W. desc.
- 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for <sup>re-established</sup> cor. of secs. 1, 2, 35 and 36. marked on brass cap. R 13 E. in E half, T 27 N. S 36



in N.E. T 26 N. S 1 in S.E. S 2 in S.W. and S 35 in NW  
 quadrants.

Dig pits 18x18x12 ins. in each sec. 15 1/2 ft. dist. and  
 raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.  
 No trace of old sec. cor. can be found.  
 Land rolling and hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber

N. 89° 59' E., bet. sec. 1 and 36,  
 descend E. slope over hilly sandy land through  
 sage and greasewood brush undergrowth and  
 bunch grass

11.62 Dry ravine 20 lbs. wide course S.W. asc.

13.50 Top of ridge bears N.E. and S.W. desc.

18.20 Dry ravine 20 lbs. wide course S.W. asc.

40.00 Set an iron post 3 ft. long. 1 in in diam. 26 ins. in  
 the ground for <sup>reestablished</sup> 1/4 sec. cor. marked on brass cap.

NS 36 on N. half and S 1 on S. half.

Dig pits 18x18x12 ins. E and W. of post 3 ft. dist.  
 and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.  
 N. of cor. No trace of old 1/4 sec. cor. can be found.

44.00 Top of sand ridge bears N 50° E. and S 50° W. desc

80.00 Intersect the <sup>reestablished</sup> cor. of Tps. 26 and 27 N. R. 13 and 14  
 E. described in Exterior Book "AB".

Land hilly.

Soil sandy 3<sup>rd</sup> rate.

No timber

October 15<sup>th</sup> 1910

Boundaries of Tp. 26 N., R. 13 E.  
 Latitudes Departures and closing errors.

| Line Designated.                                 | True Bearing. | Dist.         | Latitudes |               | Departures |        |
|--|---------------|---------------|-----------|---------------|------------|--------|
|  |               |               | N         | S             | E          | W      |
| South Boundary                                   | S 89° 58' W   | 479.50        |           | 0.28          |            | 479.50 |
| West Boundary<br>(3 <sup>rd</sup> Meridian East) | NORTH         | 480.00        | 480.00    |               |            |        |
| North Boundary                                   | N 89° 59' E   | 478.86        | 0.14      |               | 478.86     |        |
| East Boundary                                    | South         | 480.00        |           | 480.00        |            |        |
| Convergence                                      |               |               |           |               | .51        |        |
| TOTALS   |               |               | 480.14    | 480.28        | 479.37     | 479.50 |
|  |               |               |           | 480.14        |            | 479.37 |
|  |               | Error in Lat. |           | 0.14          |            |        |
|  |               |               |           | Error in Dep. |            | 0.13   |

### General Description

This township is hilly in the eastern, northern, and western parts, rolling in the interior and nearly level in the central part along the De Nebeto Wash. which crosses through the central part of the township.

The township for the most part is a prairie country, which furnishes excellent pasture for stock.

The soil of the bottom land along the De Nebeto Wash. is a sandy loam capable of producing crops.

The township is poorly timbered and poorly watered. The township should be subdivided on account of the grazing facilities it affords.

October 15<sup>th</sup> 1910

Van L. White  
U.S. Geologist

U.S. TRANSITMAN  
FINAL OATHS OF ~~DEPUTY SURVEYOR~~ AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Van L. White

U.S. Transitman, ~~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 W<sup>1</sup>/<sub>2</sub> and resurvey of E<sup>1</sup>/<sub>2</sub> of N. bdy. of Tp 26 N., R. 13 E. of the G. & S. R. Base & Meridian, Arizona showing the respective capacities in which they acted:

- T. Y. White, Chainman.
- Oscar W. Fellers, Chainman.
- Ralph C. Sampson, Moundman.
- ~~Moundman.~~
- George B. Seig, Axman.
- Nelson Polacco, Axman.
- William R. Carson, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Van L. White

U.S. Transitman, ~~United States Deputy Surveyor~~, in surveying <sup>or resurveying</sup> all those parts or portions of the N. Bdry. of Tp. 26 N., R. 13 E.

of the Gila and Salt River Base and Meridian, Territory of Arizona, which are represented in the foregoing field notes as having been surveyed, <sup>or resurveyed</sup> by him and under his direction; and that said survey <sup>and resurvey</sup> has been in all respects, to the best of our knowledge and belief, well and faithfully <sup>executed</sup> surveyed, and the corner monuments established <sup>or re-established</sup> according to the instructions furnished by the ~~United States Surveyor~~

~~General or~~ Commissioner of the General Land Office

- T. Y. White, Chainman.
- Oscar W. Fellers, Chainman.
- Ralph C. Sampson, Moundman.
- ~~Moundman.~~
- George B. Seig, Axman.
- Nelson Polacco, Axman.
- William R. Carson, Flagman.

Subscribed and sworn to before me this 15<sup>th</sup> day of Oct., 1910

Van L. White  
U.S. Transitman



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TRANSITMAN  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Van L. White, <sup>Special Instructions</sup> ~~United States Deputy Surveyor~~, <sup>of the</sup> ~~United States Surveyor General~~ for <sup>General Land Office</sup> ~~General Land Office~~, bearing date of the 2<sup>nd</sup> day of Oct. 1907 ~~day of~~ and the 15<sup>th</sup> 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~~ <sup>Commissioner</sup> of the ~~General Land Office~~ <sup>General Land Office</sup>, the Manual of Surveying Instructions, and the laws of the United States, surveyed <sup>or resurveyed</sup> all those parts or portions of the North boundary of Township No. 26 N. R. 13 E

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 <sup>or resurveyed</sup> by me, and under my direction; and I do further solemnly swear that all the corners of said survey <sup>and resurvey</sup> have been established <sup>or re-established</sup> and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~United States Surveyor General~~ <sup>Commissioner</sup> of the ~~General Land Office~~ <sup>General Land Office</sup> and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey <sup>and resurvey</sup>.

Van L. White  
~~United States Deputy Surveyor~~  
Transitman

Subscribed by said Van L. White, and sworn to before me }  
this 27<sup>th</sup> day of December, 1912 }

Lydon R. Taylor  
U.S. Commissioner  
at Las Vegas, N.M.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25 1, 1914

The foregoing field notes of the survey of the West half of  
and resurvey of the East half of the  
North boundary of  
Township No. 26 North, Range No. 13 East of the  
Gila and Salt River Base and Meridian, Arizona.

executed by VAN L. WHITE, U.S. Transitman  
executed by under Special Instructions from the Commissioner of the General  
under his contract No. Land Office 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  
surveys and  
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.