

Exterior
BOOK "AT"

BOOK 2573

2573

FIELD NOTES

OF THE SURVEY OF THE

East and North Boundaries of T^p 31 N.
R. 15 E.

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Wm L. White U.S. ~~Massachusetts~~, ~~United States Deputy Surveyor~~,
Special Instructions from the Commissioner of the General Land Office.

Under ~~his Contract No.~~, dated ~~Oct 2nd 1907~~ and ~~May 16th 1908~~, 1908

Survey commenced Dec. 20th, 1910

Survey completed Dec. 22nd, 1910

NAMES AND DUTIES OF ASSISTANTS.

T. Y. White Chairman

George B. Seig Chairman

Ralph C. Sampson Moundsman

Nelson Polacca Axman

William R. Carson Flagman

BOOK 2573

INDEX DIAGRAM.

Township 31 N., Range 15 E

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PRELIMINARY OATHS OF ASSISTANTS.

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WE, T. Y. White and George B. Seig
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 East and North Bdrays of Tp 31 N. R 15 E. of the G. & S. R. Base & Meridian, Arizona

T. Y. White, Chainman.
George B. Seig, Chainman.

Subscribed and sworn to before me this 20
day of December, 1910



Van L. White
U.S. Transitman

I, Ralph C. Sampson
do solemnly swear that ~~we~~ will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the survey of the East and North Bdrays of Tp. 31 N. R. 15 E. of the G. & S. R. Base & Meridian, Arizona.

Ralph C. Sampson, Moundman.
Moundman

Subscribed and sworn to before me this 20th
day of December, 1910



Van L. White
U.S. Transitman

I, Nelson Polacca
do solemnly swear that ~~we~~ will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the survey of the East and North Bdrays of Tp 31 N. R. 15 E. of the G. & S. R. Base & Meridian, Arizona.

Nelson Polacca, Axman.
Axman

Subscribed and sworn to before me this 20th
day of December, 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 East and North Bdrays of Tp 31 N. R 15 E. of the G. & S. R. Base & Meridian, Arizona.

William R Carson, Flagman.

Subscribed and sworn to before me this 20th
day of December, 1910



Van L. White
U.S. Transitman

Survey commenced Dec. 20, 1910 and executed with a W. & L. E. Gurley engineers transit No 76 with a Burt Solar attachment, 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.

I examined the adjustments of the transit and find them correct 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 a meridian determined by observations on Polaris, that the instrument is in satisfactory adjustment.

I begin at the cor. of N^os. 30 and 31 N, R¹⁵ and 16

estab. by Sidney E. Blout May 12, 1909

E. which is an iron post 3 ins. in diam. 12 ins. above

ground. firmly set marked ^{on brass cap} T 31 N. in N. half and T 30 N.

in S. half, R15 E S 36 in N.W., R16 E S 31 in N.E., R16 E

S 6 in S.E. and, R15 E S 1 in S.W. quadrant. from which.

A pinon pine 10 ins. in diam. bears N 82° E 107 lks.

dist. marked T 31 N. R 16 E. S 31 B.T.

A pinon pine 8 ins. in diam. bears S 59½° E 174 lks.

dist. marked T 30 N, R 16 E S 6 B.T.

A cedar 10 ins. in diam bears S 27¾° W 201 lks.

dist. marked T 30 N. R 15 E S 1 B.T. and

A cedar 8 ins. in diam bears N. 85½° W 85 lks. dist.

marked T 31 N, R 15 E S 36 B.T. Latitude 36° 01' 54" N.

Longitude 110° 40' 48" W.

Dec. 20, 1910. Ab. 8^h 58^m a.m. l.m.t. set off 36° 02' N, on

the lat. arc. 23° 24' S, on the decl. arc and determine

a meridian with the solar ab. the above described

cor., thence I run,

North, bet. sec 31 and 36,

Around Stony Southslope, over rolling land, through scattering cedar and pinon pine timber and sage brush undergrowth.

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 ¼ S

36 on W. half and S 31 on E half. from which.

A cedar 5 ins. in diam, bears N 59° E 28 lks. dist.

marked ¼ S 31 B.T. and

A pinon pine 12 ins. in diam. bears S 64° W 108 lks.

dist. marked ¼ S 36 B.T.

East boundary of Tp 31 N, R 15 E

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59.00 Top of divide between the De Nebeto and Moencopie Washes, near E and W. desc. N. slope.

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 31 N, in N. half, R 15 E S 25 in N.W., R 16 E S 30 in N.E. S 31 in S.E. and S 36 in S.W. quadrant. from which.

A cedar 12 ins. in diam. bears N 82 3/4° E 103 lbs. dist. marked T 31 N, R 16 E S 30 B.T.

A cedar 12 ins. in diam. bears S 78 1/2° E 201 lbs. dist. marked T 31 N, R 16 E S 31 B.T.

A cedar 14 ins. in diam. bears S 78° W 63 lbs. dist. marked T 31 N, R 15 E S 36 B.T. and

A cedar 14 ins. in diam. bears N. 25 3/4° W 97 lbs. dist. marked T 31 N, R 15 E S 25 B.T.

Land rolling.

Soil sandy and stony 3rd rate

Timber Cedar and juniper fine

Worth, Feb. Dec. 25 and 30,
 Descend rolling N.W. slope over sandy land, through scattering juniper fine and cedar timber and sage brush undergrowth and bunch grass.

4.00 Leave timber bears E and W.

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 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. dist and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

NOTE: At this cor. I set off. 23° 25' S on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 36° 0' 3 1/2" N. on the lat. arc.

80.00 Set an iron post 3 ft. long 3 ins. in diam 24 ins in the ground for. cor. of sec. 19, 24, 25, and 30 marked on brass cap T 31 N, in N. half, R 15 E. S 24 in N.W., R 16 E S 19 in N.E. S 30 in S.E. and S 25 in S.W. quadrant. ; Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land rolling.

East boundary of T₃₁ N., R₁₅ E

chain

Soil sandy 3rd rate.
Timber Cedar and pinion pine

North, T₃₁ N., R₁₅ E, sec. 19 and 24,
Descend NW slope over rolling sandy land
through sage brush undergrowth 3 ft. high.

34.00 Dry ravine 10 lks. wide course W. asc. rolling W. slope.

36.00 Enter scattering pinion pine and cedar timber
trace NW. and SE.

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 24° W. half and S 19° on E half., from
which.

A cedar 6 ins. in diam, bears N 62 1/4° E 7 lks. dist.
marked 1/4 S 19 B.T.

A cedar 8 ins. in diam. bears S 72 3/4° W 60 lks. dist.
marked 1/4 S 24 B.T.

58.00 Leave timber bear E and W.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins.
in the ground for cor. of sec. 13, 18, 19 and 24
marked on brass cap T₃₁ N. in N. half, R₁₅ E
S 13 in NW. R₁₆ E S 18 in NE. S 19 in SE. and S 24
in SW. quadrant.

Dig pits 18 x 18 x 12 ins. in each sec. 5 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.
Timber Cedar and pinion pine

North, T₃₁ N., R₁₅ E, sec. 13 and 18,
Ascend South slope over rolling sandy land, through
sage and greasewood brush undergrowth 3 ft.
high and bunch grass

18.00 Top of ascent on sand ridge bears N 60° E and
S 60° W. desc. gradually.

32.45 Dry ravine 20 lks. wide course S 50° W. asc

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 13° on NW half and S 18° on E half.

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Dig pits 18x18x12 ins. N. and S. of 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 sec. 7, 12, 13 and 18 marked on brass cap T 31 N. in N. half, R 15 E, S 12 in N.W., R 16 E, S 7 in N.E., S 18 in S.E. and S 13 in S.W. quadrants.

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

Decem ber 20th 1910

Decem ber 21st 1910 At 7^h 58^m a.m. line to D set off 36° 05' N. on the lat. arc. 28° 2 1/2' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 7, 12, 13 and 18, ^{above described,} thence D run,

North, bet. sec. 7 and 12,

Around S.E. slope over rolling sandy land through scattering sage and greasewood brush and bunch grass

.50 Top of sand ridge bears N 60° E and S 60° W. desc gradually over N.W. slope

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 12 on W. half and S 7 on E half.

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

67.00 Foot of chert in depression bears N.W. and S.E. drains N.W. arc.

80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for cor. of sec. 1, 6, 7 and 12 marked on brass cap T 31 N. in N. half, R 15 E S 1 in N.W., R 16 E S 6 in N.E., S 7 in S.E. and S 12 in S.W. quadrants.

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, Secs. 1 and 6,
Ascend S.W. slope over rolling sandy land, through
scattering sage and greasewood bush undergrowth
and bunch grass.

19.00 Top of said ridge bears N.W. and S.E. desc.
40.00 Saw 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. dish. and
raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high.
W. of cor.

80.00 Saw an iron post 3 ft. long 3 ins. in diam. 24 ins.
in the ground, for cor. of T₃₁N, R₁₅E and T₃₂N, R₁₆E.
marked on brass cap T 32 N. in N.
half, T 31 N. in S. half., R 15 E S 36 in N.W. R 16 E
S 31 in N.E., R 16 E. S 6 in S.E. and R 15 E. S 1 in S.W.
quadrant. from which.

A Cedar 8 ins. in diam. bears S 80 $\frac{1}{2}$ ° E 307 lbs. dish.
marked T 31 N, R 16 E, S 6 B.T. No other trees available.
Dig pits 24x24x12 ins., N.E. and W. 14 ft. and S. of
post, 8 ft. dish. and raised a mound of earth
5 ft. base, 2 $\frac{1}{2}$ ft. high. S of cor.

Land rolling

Soil sandy 3rd rate.

Timber but low Cedar at N.W. cor.

December 21st 1910

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December 21st 1910; Ab. 10^h 58^m a.m. l.m.t. & set off 36° 07' N, on the lab. arc. 23° 25½' S, on the decl. arc. and determine a meridian with the solar at the cor. of Twp. 31 and 32. N, R 15 and 16 E. which I established this day, as ^{randomly} described, thence I run, S. 89° 59' W, on a random line, along the N. bdy of Twp., 31 N, R 15 E. setting temp ¼ sec. and rec. cor. at intervals of 40.00 chs.

NOTE: At the temp. points for ¼ sec. cor. bet. sec. 1 and 36. Set off 23° 25½' S. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 36° 07' N, on the lab. arc. I discontinue the field work on this day at the temp. points for cor. of sec. 3, 4, 33, and 34

December 21st 1910

December 22nd 1910, Ab. 7^h 59^m a.m. l.m.t. Set off 36° 07' N, on the lab. arc. 23° 23' S on the decl. arc. and determine a meridian with the solar at the temp. points for cor. of sec. 3, 4, 33, and 34. Set back evening, thence I continue my ^{random} line S. 89° 59' W, along the N. bdy of Twp. 31 N, R 15 E, and at 478.25 chs. intersect W. bdy of Twp. 14 lbs. S. of the cor. of Twp. 31 and 32 N, R 14 and 15 E, ^{described in Exterior Book "AS"} which I established December 3rd 1910.

The falling answers to a correction of 0° 01' or 2½ lbs. N. per mile counting from the N.E. cor. of the Twp. therefore I run,

East, bet. sec. 6 and 31, marking and blazing true line, descend N.E. slope over hilly sandy land, through scattering sage brush undergrowth and bunch grass

13.80 Dry ravine course N 35° E. ascend.

30.60 Top of bluff 80 ft. high. head N and S. desc. abruptly.

35.60 Dry ravine 100 ft. below top of bluff course N 60° E. asc.

38.25 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 31° W on N. half and S 6 on S. half.

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

48.40 Top of clay ridge 25 ft. above ¼ sec. cor. head N.E. and S.W. desc.

54.80 Dry ravine course N.E. asc.

North boundary of Tp 31 N, R. 15 E

Chains

55.40 Top of clay ridge bears N.E. and S.W. desc.
 78.25- Set an iron post 3 ft. long 3 ins. in diam. 24 ins
 in the ground for cor. of sec. 5, 6, 31, and 32.
 marked on brass cap. R 15 E in E half. T 32 N. S
 32 in N.E., T 31 N. S 5 in S.E. S 6 in S.W. and S 31
 in NW. quadrant.
 Dig pits 18 x 18 x 12 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 hilly and broken
 Soil sandy clayey and stony 3rd and 4th rate.
 No timber

East, bet. sec. 5 and 32,
 Descend S.E. slope of ridge over hilly clayey and
 stony land, through scattering sage brush undergrowth
 7.90 Dry sand wash. 100 lbs. wide, 6 ft. deep course
 N 60° W. asc. W. slope of mesa.
 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 32 on N. half and S 5 on S. half.
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high. W. of
 cor. Pits impracticable
 NOTE: At this cor. I set off 23° 25' 1/2" S. on the decl. arc. and
 at noon observed the sun on the meridian and
 obtain a reading of 36° 07' N. on the lat. arc
 48.40 Top of abrupt ascent on W. edge of mesa, leave
 hilly land bears N.E. and S.W. Enter rolling sandy
 land.
 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins.
 in the ground for cor. of sec. 4, 5, 32, and 33.
 marked on brass cap. R 15 E in E half, T 32 N, S 33
 in N.E. T 31 N, S 4 in S.E., S 5 in S.W. and S 32 in NW.
 quadrant. Raise a mound of stone 2 ft. base
 1 1/2 ft. high. W. of cor. Pits impracticable
 Land rolling, hilly and broken.
 Soil sandy, clayey, and stony 3rd and 4th rate.
 No timber

East, bet. sec. 4 and 33,

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- Over rolling sandy mesa land through scattering sage and greasewood bush 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 $\frac{1}{4}$ S 33 on N. half and S 4 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.
- 47.00 Top of sand ridge bears N and S., hard rolling land bears N and S. Enter low rolling sand hills.
- 52.00 Dry ravine 50 lbs. wide course S. sec.
- 58.00 Top of sand ridge bears N and S. desc.
- 68.40 Dry ravine. Course 82° W asc.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for cor. of sec. 3, 4, 33 and 34, marked on brass cap. R15 E. in E half, T32 N. S 34 in N.E. T31 N. S 3 in S.E. S 4 in S.W. and S 33 in N.W. quadrants. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable. Land rolling and hilly. Soil sandy 3rd rate. No timber.
-
- Earth, bet. sec. 3 and 34, around N.W. slope of ridge over hilly sandy and stony land, through scattering sage and greasewood bush undergrowth 3 ft high.
- 3.00 Top of sand ridge bears N.E. and S.W. desc.
- 13.50 Dry rocky ravine 30 ft. below top of ridge Course S asc
- 23.50 Top of ridge bears N and S. 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 34 on N. half and S 3 on S. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. N. of cor. Pits impracticable
- 70.00 Dry ravine 15 lbs. wide course S.W. asc.
- 76.00 Top of sand 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 sec. 2, 3, 34 and 35 marked

North boundary of Twp. 31 N, R15 E.

Chain

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on base cap R15 E in E half, T 32 N, S 35 in N.E.
T 31 N, S 2 in S.E. S 3 in S.W. and S 34 in N.W.

quadranh, Raise a mound of stone 2 ft base, 1 1/2
ft. high. W. of cor. Pits impracticable.

Land rolling sand hills.

Soil sandy 3rd rate.

No timber

East, Sec. 2 and 35;

Descend S.E. slope over rolling sand hills. through
scattering sage and quasarwood bush undergrowth
and bunch grass.

.35 Dry ravine 10 lks. wide course S.W. acc. N.W. slope
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 base
cap 1/4 S 35 on N. half and S 2 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post; 3 ft. deep.

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
high. N. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins.
in the ground for cor. of sec. 1, 2, 35 and 36

marked on base cap R15 E in E half, T 32 N, S 36
in N.E., T. 31 N, S 1 in S.E. S 2 in S.W. and S 35 in

N.W. quadranh., Raise a mound of stone 2 ft.
base, 1 1/2 ft. high. W. of cor., Pits impracticable
Land rolling and hilly.

Soil sandy 3rd rate

No timber

East, Sec. 1 and 36;

Around N.W. slope over rolling sandy land., through
scattering sage brush undergrowth 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 base

cap 1/4 S 36 on N. half and S 1 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. deep.

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
high. N. of cor.

This cor. is situated on top of ascent on sand,

Chains

North boundary of T₃₁N, R₁₅E

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ridges trend N.E. and S.W. dir. gradually.
 80.00 Intersect the cor. of T₃₁N, R₁₅E and T₃₂N, R₁₆E,
 E., heretofore described.
 Land rolling
 Soil sandy 3rd rate
 No timber

December 22nd 1910

Boundaries of T₃₁N, R₁₅E
 Latitudes Departures and Closing Errors.

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N	S	E	W
South Boundary	S89°59'W	478.45		.14		478.45
West Boundary	North	480.00	480.00			
North Boundary	East	478.25			478.25	
East Boundary	South	480.00		480.00		
Convergence					.52	
TOTALS			480.00	480.14	478.77	478.45
				480.00	478.45	
			Error in Lat. .14			
			Error in Dep. 0.32			

General Description

This township is rough and broken in the northern and north western parts., rolling in Eastern, Central, and southern parts. with very little level land. The land is generally a high rolling prairie country covered with a good growth of bunch grass and sage brush.

The township is poorly watered and timbered with scrubby cedar and pines, fine suitable only for wood for fuel.

The township should be surveyed on account of the grazing facilities it affords.

Van L. White
 U.S. Measurman

Dec. 22nd 1910

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

LIST OF NAMES.

A list of the names of the individuals employed by Vau 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 East and
North Bdrys of Tp 31 N. R 15 E. of the G. & S. R. Base
showing the respective capacities in which they acted: & Meridian, Arizona.

- T. Y. White, Chainman.
- George B. Seig, Chainman.
- Ralph C. Sampson, Moundman.
- ~~Moundman.~~
- Melson Polacca, Axman.
- ~~Axman.~~
- William R. Carson, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Vau L. White
U.S. Transitman, ~~United States Deputy Surveyor~~, in surveying all
those parts or portions of the East and North Bdrys of Tp
31 N. R 15 E.

of the Gila and
Salt River Bas. & 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 ~~surveyed~~ ^{executed}, and the
corner monuments established, according to the instructions furnished by the ~~United States Surveyor~~

- ~~General for~~ Commissioner of the General Land Office
- T. Y. White, Chainman.
- George B. Seig, Chainman.
- Ralph C. Sampson, Moundman.
- ~~Moundman.~~
- ~~Axman.~~
- Melson Polacca, Axman.
- William R. Carson, Flagman.

Subscribed and sworn to before me this 8th
day of January, 1911



Vau L. White
U.S. Transitman

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TRANSITMAN
FINAL OATH OF ~~UNITED STATES~~ ~~DEPUTY SURVEYOR~~.

BOOK 2573

I, Van L. White ^{Transitman} ~~United States Deputy Surveyor~~, do solemnly swear that, in pursuance of ^{Special Instructions} ~~a contract~~ received from the Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 2nd day of Oct. 1907 ~~day of~~ and the 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 ~~United States Surveyor~~ ^{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 East and North boundaries of Township No. 31 North, of Range No. 15 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~~ ^{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.

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

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



Lyleton R. Taylor
U.S. Commissioner
at Las Cruces, N.M.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1914

The foregoing field notes of the survey of the

East and North boundaries of

Township No. 31 North, Range 15 East of the
Gila and Salt River Base and Meridian, Arizona

executed by VAN. L. WHITE, U.S. Transitman, under Special Instructions from

executed by the Commissioner of the General Land Office

under 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 surveys they describe, are hereby approved.

Frank J. Ingalls
~~United States Surveyor General~~

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.