

1904

BOOK 1904

FIELD NOTES

OF THE SURVEY OF THE

Range line between Ranges 8 and
9 East, Township T₁₂ North

1904

1904

Of the 6th Full Meridian Meridian,

AS SURVEYED BY

James Wright

, United States Deputy Surveyor,

Under his Contract No. 133, dated May 25th, 1905, 189

Survey commenced August 20th, 1905, 189

Survey completed August 23rd, 1905, 189

NAMES AND DUTIES OF ASSISTANTS.

Arthur Pope Chairman

Joseph K. Cook Chairman

Hugh Fuller Treasurer

Harry Mallory Treasurer

William Peck Assessor

William Edmunds Assessor

Julian Jarrington Foreman

BOOK 1904

Book No. 1904

INDEX DIAGRAM.

Township 12 North, Range 8 East

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PRELIMINARY OATHS OF ASSISTANTS.

BOOK 1904

WE, Arthur Pogue and Joseph R. Cook
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over 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 Range Line bet Rps 8 & 9 E thro Sp 12 N

Arthur Pogue, Chainman.

Joseph R. Cook, Chainman.

Subscribed and sworn to before me this 19th
day of August 1905, 189

W. G. Powers



WE, Hugh Fuller and Harry Mallory
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 The Range Line bet Rps 8 & 9 East thro Sp. 12 North

Hugh Fuller, Moundman.

Harry Mallory, Moundman.

Subscribed and sworn to before me this 19th
day of August 1905, 189

W. G. Powers



WE, William Beach and William Edmunds
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 The Range Line bet Rps 8 & 9 East, thro Sp. 12 North

William Beach, Axman.

William Edmunds, Axman.

Subscribed and sworn to before me this 19th
day of August 1905, 189

W. G. Powers



I, Julian Javnigen, 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 Range Line bet Rps 8 & 9 East thro Sp 12 North

Julian Javnigen, Flagman.

Subscribed and sworn to before me this 19th
day of August 1905, 189

W. G. Powers



Range Line Between R's. 8 & 9. E Thro T 12 N.

1 D

Chains

Survey commenced August 20th, 1905, and executed with a Young & Sons light mountain transit No. 6492, the horizontal limb being provided with two double verniers reading to 1' of arc; with Smith patent solar attachment on side. Latitude and declination arcs provided with verniers reading to 1' of arc. The instrument was examined, tested on the true meridian at Phoenix, Ariz., found correct and was approved by the Surveyor General of Arizona, July 20th, 1905.

I begin at Post No. 49 on S. Bdy. Black mesa Forest Reserve, which is an iron post, capped with brass, firmly set in cement and stone, and properly marked and witnessed, as described by the Surveyor General of Arizona.

At said monument, in Lat. $34^{\circ} 25'$ N. Long. $111^{\circ} 28' 19''$ W., I examine the adjustments of the transit and find it correct, and I set off $34^{\circ} 23'$ N. on the lat. arc, and $12^{\circ} 27'$ N. on the decl. arc, and at 3 h. 45 m. P.M., l.m.t., determine with the solar a meridian and mark a point thereon by driving a stake and setting a tack therein at a point 6 chs. N. of the cor.

At this cor. at 10 h. 35 m. P.M. l.m.t., I observe Polaris at eastern elongation, in accordance with instructions in manual, and mark a point in the line thus determined by a cross on a stone firmly set in the ground.

Aug. 21st, 1905: at 6 h. 45 m. A.M. I lay off the azimuth of Polaris $1^{\circ} 27'$ to the west and mark a point in the meridian thus determined on the stake set by the solar, which point falls one-half inch west of the tack in the stake

At 7 h. 30 m. A.M. I set off $34^{\circ} 23'$ N. on the latitude arc and $12^{\circ} 14'$ N. on the declination arc and determine a true meridian with the solar, which meridian coincides with that established by Polaris observation. Hence I conclude that the adjustments of the instrument are satisfactory

The magnetic bearing of the true meridian is N. $14^{\circ} 40'$ W. Hence the magnetic declination is $14^{\circ} 40'$ E.

From the cor. already described, I run N. on Range line bet. secs. 31 and 36 and through scattering pine and scrub oak, *ascending*

- 9.00 Top of ridge brs. E. & W.
- 12.00 Fence, N.E. & S.W. Enter field of Harry Fuller.
- 24.40 Leave field. Enter dense pines and oaks.
- 28.50 Top of ridge brs. E. & W.
- 33.00 Small ravine, brs. E. & W. *course W.*
- 40.00 Top of spur, brs. E. & W.
Set a sandstone $30 \times 10 \times 8$ ins., ~~18~~ ²³ ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. From which
An oak 10 ins. diam. brs. N. 12° E. 97 lks. dist., marked $\frac{1}{4}$ S 31 B T.
An oak 12 ins. diam. brs. S. $38\frac{1}{2}^{\circ}$ W. 64 lks. dist., marked $\frac{1}{4}$ S 36 B T.
- 47.00 Dry wash, course N. 40° W.
- 49.60 Gulch, 20 ft. deep, course N. 48° W. Ascend,
- 61.00 Top of ridge brs. E & W. Descend, ~~10~~
- 79.50 Set a sandstone $24 \times 12 \times 10$ ins., ~~18~~ ins. in the ground for witness cor, to secs. 30, 31, 25 & 36, marked with 5 notches on N. and 1 notch on S. and W C on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. From which
An oak 8 ins. diam. brs. N. $12^{\circ} 20'$ E. 43 lks. dist., marked T 12 N R 9 E S 30 B T
An oak 24 ins. diam. brs. N. $20-3\frac{1}{4}^{\circ}$ W. 70 lks. dist., marked T 12 N R 8 E S 25 P T.
An oak 18 ins. diam. brs. S. $84\frac{1}{2}^{\circ}$ W. 35 lks. dist., marked T 12 N R 8 E S 36 B T.
An oak 24 ins. diam. brs. S. 39° E. 58 lks. dist., marked T 12 N R 9 E S 31 B T.

2. Range Line Bet. R's. 8 & 9 E. Thro T. 12 N. (Continued)

Chains	Description
80.00	Cor.pt. at secs. 25, 36, 30 and 31 falls in gulch, brs. S. 75° W. Land, mountainous. Soil, gravelly, 2nd and 3rd rate. Timber, pine, juniper and oak. Land, mountainous. Dist. 80.00 chs.

	N. bet. secs. 25 and 30. Ascending
3.00	Top of slope.
15.00	Enter dense oak.
20.70	Begin steep descent.
22.00	Gulch 50 ft. deep, course West. Ascend.
23.00	Top of bank.
	Over rolling land.
36.00	Begin steep descent.
38.00	Fence, brs. N. 36° E. and S. 36° W. Enter cultivated field of A. M. Hunt.
39.00	Fence, brs. N. 80° W. and S. 80° E. Enter cultivated field of John P. Hough
40.00	Set a sandstone 24 x 10 x 8 ins., ¹⁸ 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of Cor. From which, An oak 10 ins. diam. brs. S. 57° E. 137 lks. dist., marked $\frac{1}{4}$ S 30 B T. House of John P. Hough brs. N. 53° W. 110 lks. dist. Thence over cultivated field.
51.00	Leave field. Enter dense willow undergrowth.
52.60	Road, brs. E. & W.
56.00	Same road, brs. N.W. & S.E.
59.80	Pine Creek, 30 lks. wide, course S. 25° W.
60.00	Ascent perpendicular 40 ft.
61.00	Top of bank. Ascend through dense oak and pine timber.
67.80	Road, N. 40° E. and S. 40° W.
75.00	Begin descent.
76.50	Dry wash, 20 lks. wide, course East.
80.00	Set sandstone 30 x 10 x 10 ins., ¹⁸ 18 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked with 4 notches on N. and 1 notch on S. edge, and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. From which An oak 18 ins. diam. brs. N. 74° E. 22 lks. dist., marked T 12 N R 9 E S 19 B T. A pine 18 ins. diam. brs. N. 1° W. 50 lks. dist., marked T 12 N R 8 E S 24 B T. A pine 10 ins. diam. brs. S. 71 $\frac{1}{2}$ ° W. 9 lks. dist., marked T 12 N R 8 E S 25 B T. An oak 8 ins. diam. brs. S. 29° E. 97 lks. dist., marked T 12 N R 9 E S 30 B T. Land, mountainous. Soil, stony and sandy, 1st and 2nd rate. Timber, oak, pine and cedar, sycamore, cottonwood and walnut; undergrowth, scrub oak and willow. Land, mountainous. Dist. 80.00 chs.

	N. bet. secs. 19 and 24. Ascending through dense manzanita and scrub oak
12.80	Gulch, 20 lks. wide, 100 ft. deep, course S. E. oak
17.00	Leave dense undergrowth. Through heavy pine and oak.
22.00	Dry wash, 20 lks. wide, course S. E.
30.00	Enter dense manzanita
35.00	Begin steep descent.
36.60	Gulch 50 ft. deep, course, East.
37.80	Begin steep ascent.
40.00	Set a sandstone 24 x 14 x 12 ins., ¹⁸ 18 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of Cor. No bearings available.

Range Line Bet. R's. 8 & 9 E. Thro T. 12 N. (Cont'd.)

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Chains

- 42.00 Top of ridge brs. E. & W. Descend
 50.00 Gulch 150 ft. below ridge, course, S. E.
 Ascend through dense scrub oak and tesseta
 60.00 Top of ridge 150 ft. above gulch, brs. E. & W.
 70.00 Begin steep descent.
 77.00 Gulch, 200 ft. below ridge; course, S. 50° E.
 80.00 Set a sandstone 30 x 12 x 8 ins., 20 ins. in the ground,
 for cor. of secs. 18 & 19, 13 & 24, marked with three
 notches on N. and three notches on S. edge and raise a
 mound of stone 2 ft. base 1½ ft. high W. of cor. From which
 An oak 6 ins. diam. brs. S. 60° W. 12 lks. dist.,
 marked T 12 N R 8 E S 24 B T.
 An oak 6 ins. diam. brs. S. 6½° E. 12 lks. dist.,
 marked T 12 N R 9 E S 19 B T.
 A Juniper 15 ins. diam. brs. N. 46-3/4° E. 63 lks. dist.,
 marked T 12 N R 9 E S 18 B T.
 A Juniper 15 ins. diam. brs. N. 99° W. 60 lks. dist.,
 marked T 12 N R 8 E S 13 B T.
 Land, mountainous, and covered with dense undergrowth.
 Soil, stony, 2nd and 3rd rate.
 Timber, heavy pine, oak and juniper; undergrowth, manzanita,
 tesseta and bachata.
 Land, mountainous, or covered with dense undergrowth,
 Dist. 80.00 chs.
-
- N. bet. secs. 13 and 18.
 Ascending through dense pine timber.
 7.00 Begin steep ascent.
 17.00 Top of ridge brs. E.
 Thence, along E. slope of mountain
 18.39 Set an oak post 6 ins. diam. and flag on line as check.
 Begin steep descent.
 25.00 Gulch, 40 lks. wide 250 ft. below top of ridge, course E.
 Ascend
 35.70 Top of ridge brs. E & W 500 ft. above Pine Creek Valley.
 Descend through heavy pine timber.
 40.00 Set a sandstone 36 x 14 x 6 ins. 27 ins. in the ground,
 for ¼ sec. cor., marked ¼ on W. face, and raise a mound of
 stone 2 ft. base 1½ ft. high W. of cor. From which
 A cross on a sandstone ledge 10 ft. x 8 ft. brs.
 S. 8° E. 10 lks. dist., ledge marked ¼ S 18 B. O.
 41.50 Abrupt descent 75 ft.
 44.00 Gulch, 20 lks. wide 300 ft. deep, course E. Ascend
 Over loose stones through dense manzanita.
 70.00 Top of sharp spur brs. E. Descend
 75.00 Canyon 50 lks. wide 200 ft. below ledge, brs. E.
 79.90 Ascent perpendicular 25 ft. (with 3 notches on S & 2 on N of X)
 80.00 I mark a cross on sandstone bluff, and raise a mound of
 stone 2 ft. base 1½ ft. high W. of cor. From which
 A pine 10 ins. diam. brs. N. 9½° E. 17 lks. dist.,
 marked T 12 N R 9 E S 7 B T.
 A juniper 30 ins. diam. brs. N. 35° W. 49 lks. dist.,
 marked T 12 N R 8 E S 12 B T. *No other trees within limits.*
 Land, mountainous.
 Soil, 2nd and 3rd rate.
 Timber, pine, oak and juniper.
 Land, mountainous. Dist. 80.00 chs.
-

Aug. 23rd, 1905: at 7 h. 30 m. ^{a.m.} L.M.T., I set off
 34° 26' N. on the Lat. arc and 11° 34' N. on the Decl. arc,
 and determine a true meridian with the solar at the last
 described cor.
 Thence I run,
 N. bet. secs. 7 and 12.
 Over mountainous land. Descending.

4. Range Line Bet. R's. 8 & 9 E. Thro T. 12 N. (Continued)

Chains	
7.00	Dry wash, 10 lks. wide, course S. 60° W.
11.00	Top of divide bet. Pine and Strawberry Valleys. Thence descend through heavy pine and oak.
21.00	Begin steep descent.
27.50	Gulch, 31 lks. wide, 30 ft. deep, course N. 40° E. Ascend
32.00	Top. Descent gradual.
40.00	Set a sandstone 30 x 10 x 8 ins., ²³ 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. From which. A pine 10 ins. diam. brs. S. 37° W., 44 lks. dist., marked $\frac{1}{4}$ S 12 E T. A pine 15 ins. diam. brs. S. 12-3/4° E. 25 lks. dist., marked $\frac{1}{4}$ S 7 E T.
52.00	Junction of two gulches, courses E. and N.E. Ascend,
54.50	Top of slope by gentle descent
59.90	Gulch, 10 lks. wide, 30 ft. deep, course N. 50° E. Ascend,
67.00	Top of slope. Descend,
80.00	Set a sandstone 30 x 10 x 6 ins., ²³ 20 ins. in the ground, for cor. of secs. 7, 12, 1 & 6, marked with 5 notches on S. and $\frac{1}{4}$ notches E. edges, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. From which, An oak 12 ins. diam. brs. N. 40 $\frac{1}{2}$ ° E. 50 lks. dist., marked T 12 N R 9 E S 6 B T. A pine 30 ins. diam. brs. S. 41 $\frac{1}{2}$ ° E. 78 lks. dist., marked T 12 N R 9 E S 7 B T. A pine 36 ins. diam. brs. S. 34 $\frac{1}{2}$ ° W. 22 lks. dist., marked T 12 N R 8 E S 12 B T. An oak 15 ins. diam. brs. N. 16° W. 163 lks. dist., marked T 12 N R 8 E S 1 B T. Land, mountainous. Soil, 2nd and 3rd rate. Timber, heavy pine and oak; undergrowth scrub pine, ferns and locust. Land, mountainous, heavily timbered. Dist. 80.00 chs. Aug. 23rd, -At 12 h. 3 m. P.M., l.m.t., I set off 11° 30' N. on the decl. arc, and observe the sun on the meridian, the resulting lat. is 34° 27' N., or within one minute of the proper lat
	North bet. secs. 1 and 6.
.30	Over mountainous land, heavily timbered.
29.00	Road, Flagstaff to Pine, brs. S. 47° W. Top of Cinch, Hook Butte. Variation 16° 30' E.
40.00	Descend through heavy pine timber: ²⁷ Set a sandstone 36 x 14 x 10 ins., 20 ins. in the ground; for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, A pine 40 ins. diam. brs. N. 36° W.; 32 lks. dist., marked $\frac{1}{4}$ S 1 B T. A pine 30 ins. diam. brs. N. 42° E., 33 lks. dist., marked $\frac{1}{4}$ S 6 B T. Descend.
40.40	Gulch, 100 ft. deep / 40 lks. wide, course N. 50° W. Ascend.
42.90	Top.
44.00	Begin descent.
55.80	Gulch, 30 lks. wide, 50 feet deep, course N. 40° W. Ascend.
60.00	Top. Begin gentle descent.
77.80	Intersect 3rd Standard Parallel N., which is an old line nearly obliterated and which I found, and traced with much difficulty. At a point about two miles east of the point of intersection I find an overturned limestone, plainly marked with 2 notches on west and 4 notches on east faces: Land, mountainous and heavily timbered. Soil, rocky, 2nd and 3rd rate. Timber, pine, pine and oak. Land mountainous, heavily timbered, or covered with dense undergrowth, 77.80 chs.

For length of this mile see 3 25 1/2 and Pan. 1/2 (x) 9/16

Resurvey Portion 3rd Stand. Par. N. thro. R. 9 E. 5.

Chains.

From the Standard corner about 2 miles east of the cor. of Tps. 12 and 13 N., Rs. 8 and 9 E. (not yet established) being the terminal point of line bet. secs. 1 and 6, Tp. 12 N., Rs. 8 & 9 E., just described;

I run,
 West on 3rd Standard Par. N.
 Through heavy pine and oak.

1.00 Draw, course North.
 5.75 Junction Flagstaff road, which brs. N. and S. and Pivot Rock road, which brs. N. 40° W.
 12.00 Begin descent.
 16.00 Draw, course N. 30° W., and ascend.
 20.00 Top of ascent. Descend.
 26.50 Head of draw, brs. N.W.
 30.00 Draw, course N. 60° W.
 32.50 Trail, brs. N.E. and S.W.
 35.00 Descend.
 42.00 An old B.T., a white oak 15 ins. diam. with markings overgrown, brs. N. 12° W., 53 lks. dist. I cut away the undergrowth, and find plainly marked $\frac{1}{4}$ S B T.
 44.70 Draw, course North.
 60.00 Begin descent.
 70.50 Junction two gulches, course North, and N. 35° W.
 Ascend.
 74.00 Top; gradual descent.
 82.00 At a point 150 lks. left of line I find two old pine B.T's 10 ins. diam. close together, with markings overgrown. I cut away the overgrowth and find plainly marked on one, T XIII N R IX E S XXII, and on the other, T XII N R IX E S VI.
 I accept these trees as conclusive evidence of the true cor. on 3rd standard parallel north of secs. 31, 32, and of secs. 5 and 6 on N. bdy. of T. 12 N. R. 9 E.
 Between these trees which are 5 lks. apart, I set a limestone 30 x 14 x 10 ins., 20 ins. in the ground, for standard cor. of secs. 31 and 32, marked with 5 notches on E. and 1 notch on W. faces, and S C on North face, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor. From which,
 An oak 24 ins. diam. brs. N. 1 $\frac{1}{2}$ ° W., 31 lks. dist., which I scribe T 13 N R 9 E S 31 S C B T.
 An oak 18 ins. diam. brs. N. 20° E., 45 lks. dist., marked T 13 N R 9 E S 32 S C B T.
 Land, mountainous.
 Soil, 2nd and 3rd rate.
 Timber, pine and oak.
 Land, mountainous, heavily timbered, or covered with dense undergrowth, 82.00 chs.

Thence I run,
 West on 3rd Stand. Parl. N., on S. bdy. of Sec. 31.
 Over mountainous land, heavily timbered.

1.50 Gulch, 50 lks. wide, brs. North. Ascend.
 14.40 Old road, brs. N.W. and S.E.
 23.00 Top of ascent. Begin gradual descent.
 40.00 $\frac{1}{4}$ sec. cor. point falls on a malpais boulder in place, 3 ft. x 2 ft. 1 ft. out of ground, which I mark S C $\frac{1}{4}$ on N. face and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N of cor. Whence,
 An oak 10 ins. diam. brs. N. 1 $\frac{1}{2}$ ° W., 70 lks. dist., marked S C $\frac{1}{4}$ S B T
 Descend.

50.00 Road, Pine to Camp Verde, brs. N. 30° W.
 55.00 Gulch, 10 lks. wide, course North. Ascend.
 66.00 Top of flat ridge, brs. N. Descend.
 68.00 Gulch, 20 lks. wide, brs. N. 60° W.
 77.00 Gulch, 20 lks. wide, course North, Ascend.
 80.00 Top of slope.
 Set a limestone 30 x 10 x 10 ins., 20 ins. in the

For this mile see resurvey 3rd Stand. thro. R. 9 E.

For this mile see resurvey 3rd Stand. thro. R. 9 E.

6. Portion 3rd Stand. Par. N. thro. R. 9 E. Concluded.

Chains.

ground, for standard cor. of Tp. N., Rs. 8 and 9 E., marked with 6 notches on N., E. and W. faces, and S.C on N., Whence

A pine 50 ins. diam. brs. N. 41° W., 43 lks. dist., marked T 13 N R 8 E S 36 B T.

A pine 10 ins. diam. brs. N. 65° E., 50 lks. dist., marked T 13 N R 9 E S 31 B T.

Land Mountainous.

Soil, rocky, 2nd and 3rd rate.

Timber, pine and oak.

Undergrowth, scrub oak and pine.

Land mountainous, heavily timbered or covered with dense undergrowth, 80.00 chs.

From the above standard cor. I run West

1.80 To point of intersection of range line bet. Tp. 12 N., Rs. 8 and 9 E. heretofore mentioned, where

I set a limestone 24 x 20 x 8 ins. 8 1/2 ins. in the ground, for closing cor. of Tp. 12 N., Rs. 8 and 9 E., marked with 6 notches on S., E., and W. edges, and C.C on South, and raise a mound of stone 1 1/2 ft. base, 1 1/2 ft. high, S. of corner. From which,

A pine 15 ins. diam. brs. S. 10 3/4° E., 54 lks. dist., marked T 12 N R 9 E S 6 B T.

A pine 18 ins. diam. brs. S. 76° W., 49 lks. dist., marked T 12 N R 8 E S 1 B T.

This cor. being at 77.80 chs. N. bet. sees. 1 and 6, on range line bet. Tp. 12 N., Rs. 8 and 9 E.

Land, mountainous.

Soil; 2nd and 3rd rate.

Timber; heavy pine and oaks.

Land mountainous, heavily timbered, or covered with dense undergrowth, 77.80 chs. + 1.80 chs. = 79.60 chs.

August 23rd, 1905.

*See memo
3rd std. Par. N. thro. R. 9 E.*

See Deed.

The 3rd std. point, is an old line, very difficult to trace. The portion recovered by me is over broken ground, heavily timbered with pine and oak.

*John B. Wright
N.S. Dep. Surv.*

LIST OF NAMES.

BOOK 1904

A list of the names of the individuals employed by Joseph B Wright

a, 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 Range Line bet Rps 8 & 9 East thru Tp 12 North showing the respective capacities in which they acted:

- Arthur Poque Chainman.
- Joseph R Cook Chainman.
- Hugh Fuller Moundman.
- Harry Mallory Moundman.
- William Beach Axman.
- William Edmunds Axman.
- Julian Jurnigan Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Joseph B Wright

a, United States Deputy Surveyor, in surveying all those parts or portions of the

Range Line bet Ranges 8 and 9 East, through Township 12 north and connection with Third Standard parallel

of the Great Salt River 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, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for Arizona

- Arthur Poque Chainman.
- Joseph R Cook Chainman.
- Hugh Fuller Moundman.
- Harry Mallory Moundman.
- William Beach Axman.
- William Edmunds Axman.
- Julian Jurnigan Flagman.

Subscribed and sworn to before me this 19th day of October, 1895

H. G. Powers



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BOOK 1904 FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Jesse B. Wright United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Small United States Surveyor General for Arizona, bearing date of the 26th day of May 1905, 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 Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The range line bet Ranges 8 and 9 East thro Sp 12 North and connection with 3rd Standard Parallel North

of the Gila Salt New South 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 Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Jesse B. Wright
United States Deputy Surveyor.

Subscribed by said Jesse B. Wright, and sworn to before me }
this 1st day of November, 1905, 1899 }



Clinton D. Hoover,
Clerk U.S. District Court,
First District of Arizona.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona Jan'y 23rd 1907.
The foregoing field notes of the survey of the range line bet Ranges 8 and 9 East through Sp 12 North, and a portion of the Third Standard Parallel North through range 9 East of the Gila and Salt River Base and Meridian in the territory of Arizona.

executed by Jesse B. Wright, U.S. deputy surveyor under his contract No. 133, dated May 26th 1905, ~~1899~~, 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. Small
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.