

Accepted, Dept letter E. J. [unclear] 1908

Book G.

15 (1)

2101

BOOK 2101

FIELD NOTES

2101

OF THE SURVEY OF THE

SUBDIVISION OF FRAC. T. 15 S. R. 29 E.

2101

Within the Camp Bowie Military Reservation, Abandoned.

2101

Of the Gila & Salt River Base & Meridian,
Arizona.

AS SURVEYED BY

Jesse B. Wright, United States Deputy Surveyor,

Under his Contract No. 149, dated June 13, 1908

Survey commenced October 23, 1908

Survey completed October 27, 1908

2101

2101

2101

NAMES AND DUTIES OF ASSISTANTS.

Walter L. Morrison Chairman

Walter Perceval "

Harvey H. Coker "

Manuel Viridola Mondragon

Santiago Viridola Loguon

Frank Jones Treasurer

17
③

BOOK 2101

INDEX DIAGRAM.

Township 15 5, Range 29 E

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PRELIMINARY OATHS OF ASSISTANTS.

4
Set preliminary oath of precedent in book "D"
WE, _____ and _____ *Pauls. T. H. P. R. 28 E*

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 _____ }



CHAINS

- Survey begun Oct. 23, 1908 and executed with a W. & L.E. Gurley light mountain transit special, with Burt patent solar attachment. The plates of the instrument reading by opposite verniers to 1' of arc, and the lat. and decl. arcs reading by verniers to 30" of arc. At the cor. of secs. 5, 6, 31 & 32 on N. bdy. at 4 p.m., 1.m.t. I set off 11° 30' S. on the decl. arc and determine a mer. with the solar, which mer. falls 1/16" E. of the mer. determined by polaris on the 19th of Oct. (see subd. of frac. T.14 S.R.29 E.)
- Oct. 24, 1908 at 8 a.m. at the cor. above described, I set off 11° 43' 30" S. on the decl. arc and 32° 10' N. on the lat. arc. and determine a mer. with the solar, which mer. coincides with that established by polaris obs. Hence I conclude that the adjustments of my instrument are satisfactory, having previously tested the levels and line of collimation and finding same satisfactory. Thence I run,
- S. 0° 1' W. bet. secs. 5 & 6,
Var. 13 1/4" E.
- Over rolling land through dense greasewood and tesseta. Road, brs. E. & W.
- 20.10 Wire fence, brs. E. & W. Enter pasture of Tom Riggs.
- 21.00 Main wash 50 lks. wide course E.N.E. asc.
- 30.00 Set a limestone 20x15x6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
- 40.00 Chimney of Tom Riggs ranch house brs. N. 32° 40' W. about 20.00 chs. desc. over mts. land.
- 66.00 Gulch 50 lks wide, course N.E., and ascend.
- 80.00 Set a granite stone 24 x 16 x 12 ins. 18 ins. in the ground for cor. of secs. 5, 6, 7, & 8 marked with 5 ^{notches} grooves on S. and 5 ^{notches} grooves on E. faces and raise a mound of stone 2 ft. base 1 1/2 ft high W. of cor. from which, A cedar tree 8" diam. brs. S. 30° W. 35 lks dist. marked T. 15 S. R. 29 E. S. 7 B.T. A cedar tree 12" diam. brs. N. 60° E. 68 lks dist. marked T. 15 S. R. 29 E. S. 5 B.T. No other bearings avail. Land rolling and mts. No timber. undergrowth dense mesquite, tesseta, greasewood. mts. land or land covered with dense undergrowth, 80.00 chs.
- West on a random line bet. secs. 6 & 7
- 40.00 Set temp. 1/4 sec. cor.
- 79.88 Intersect W. bdy. at point 12 lks. S. of cor. of secs. 6, 7, 1, & 12, Whence I run, S. 89° 55' E. on a true line bet. secs. 6 & 7 Over mts. land descend.
- 1.50 Gulch 30 lks. wide course S.E. asc.
- 68.00 Gulch 50 lks. wide course S.
- 18.00 Point of ridge brs. S. desc.
- 22.00 Main canyon 2 chs. wide course N.E., runs from Camp Bowie
- 22.75 Road NE & SW., from Camp Bowie to Tom Riggs.
- 29.75 Wire fence N. & S. Enter pasture of Tom Riggs.
- 39.94 Set a granite stone 24x15x12 ins. 18 ins. in the ground for 1/4 cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
- 55.00 Dry wash 20 lks. wide course N.W. asc.
- 65.00 point of ridge, brs. N.E. desc.
- 79.88 To cor. of secs. 5, 6, 7 & 8. Land Mts. very broken, Soil 3rd rate, gravelly. No timber. Undergrowth scat'g mes. & Tesseta. Mts. land 79.88 chs.

CHAINS

S.0°1'W. bet. secs. 7 & 8.
 Over mts. land asc. along NE. slope of ridge.
 20.67 Top of spur, thence along Steep SW. slope, desc. grad.
 39.60 Set a granite stone 24x 12 x 12 ins. 18 ins. in the ground for W.C. to 1/4 sec. cor. marked W.C. 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
 40.00 Cor. point falls in Gulch 50 lks wide course N.W. asc. prec.
 50.00 Top of high, spur brs. N.W. thence along W. slope
 55.00 head of Glch. brs. N.W. asc. steep along N. slope.
 58.00 Wire fence E & W. on top of high dividing ridge, brs SE & NW
 58.40 begin steep desc of SW. slope
 70.00 Gulch 30 lks wide course S.W.
 71.60 Top of spur brs. S.W. continue desc.
 80.00 Set a limestone 20x18x18 ins. 15 ins. in the ground for cor. of secs. 7, 8, 17, & 18 marked with 4 grooves on S and 5 grooves on E. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. from which, A cedar tree 10" diam. brs. S. 48 3/4° W. 308 lks dist. marked T. 15 S R. 29 E. S. 18 B.T. *No other trees available*
 Land mts. Soil 2ns & 3rd rate stony gravelly.
 Timber, Scattering oak, undergrowth scrub oak, cacti.
 Mts. land exc. difficult to survey, 80.00 chs.

At this last described cor. at 11h. 44m., l.m.t., I set off 11° 48' S. on the decl. arc and observe the sun on the mer. The resulting lat. is 32° 08' N.

N. 89° 55' W. on a random line bet. secs. 7 & 18.
 40.00 Set temp. 1/4 sec. cor.
 79.90 Intersect W. bdy. at point 39 lks N. of the cor. of secs. 7, 18, 12 & 13, whence I run, N. 89° 48' E. on a random line bet. secs. 7 & 18.
 Over mts. land desc. through dense scrub oak.
 32.90 Wire fence N.W. & S.E.
 33.90 ~~House of N.E. Dickson, brs. N. 12 chs.~~
 Main gulch, 30 lks wide course N.N.W. asc.
 35.00 top of rise desc.
 37.90 Gulch 20 lks. wide course N.W. asc.
 39.95 Set a limestone 24x12x12 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
 43.80 Top of ridge N.W. & S.E. des.
 52.90 Wire fence, brs. N.E. & S.W.
 60.00 Dry wash 50 lks wide course N.W. asc.
 64.60 Wire fence, brs. N.W. & S.E.
 71.85 Main Gulch 50 lks. wide course N.W. asc.; road in gulch.
 79.90 To cor. of secs. 7, 8, 17 & 18.
 Land mts. soil 3rd rate ? stony.
 Timber, Oak cedar, Undergrowth, dense scrub oak, cacti.
 Mts. land exc. difficult to survey, 79.90 chs.

S.0°1'W. bet. secs. 17 & 18.
 Over mts. land desc.
 4.00 Main Gulch 50 lks. wide course N.W. asc. through dense scrub oak. on long spur ext. N. road in gulch.
 30.00 Enter Oak and pine timber. asc. precipitous
 40.00 Cor falls on precipitous slope.
 51.50 For. W.C. to 1/4 sec. cor. I mark a pine tree 12" diam. W.C. 1/4 S. 18 on W. face and S. 17 on E. face from which a pine tree 12" diam. brs. S. 35° E. 5 lks. dist. marked w.C. 1/4 S. 17 B.T.
 A pine tree 12" diam. brs. N. 30° W. 20 lks dist., marked 1/4 s. 18 W.C. B.T.
 Continue to asc. prec. thro dense pine and oak. along N.W. slope of spur.
 70.00 Top of high spur. ext. N. thence along same.
 80.00 Set a limestone 24x20x12 ins. 18 ins. in the ground for cor. of secs. 17, 18, 19 & 20, marked with 3 Grooves on S.

CHAINS

~~face~~ ^{Use} and 5 ^{notches} ~~grooves~~ on E ^{edge} ~~face~~ and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. from which,
A pine tree 24" diam. brs. S.05*W. 43 lks dist. marked T. 15 S. R. 29 E. S. 19 B.T.
A pine tree 8" diam. brs. S. 88* E.. 43 lks dist. marked T.15 S. R. 29 E. S. 20 B.T.
A pine tree 10" diam. brs N. 16 1/2* E. 45 lks dist. marked T.15 S. R. 29 E. S. 17 B.T. *No other trees available*
Land mts. soil 3rd rate, very stony and rough.
Timber, pine, cedar, oak.
Undergrowth scrub oak, pine manzanita.
mts. land exc. difficult to survey, 80.00 chs.

S. 89*48'W. on a random line bet. secs. 18 & 19.
40.00 set temp. 1/4 sec. cor.
79.85 Intersect W. bdy'. at point 5 lks. S. of cor. of secs. 18, 19, 13 & 24, whence I run, N. 89*50'E. on a true line bet. secs. 18 & 19.
Over mts. land asc. precipitously.
12.00 Top of peak on main divide, brs N.W. & S.E. desc. over bluff.
30.00 Foot of bluff, thence through dense scrub oak and manzanita
39.925 Set a limestone 18x12x8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
43.00 head of Main Gulch, course N.N.E. Trail N. & S.
Asc. steep through dense scrub oak and pinon.
79.85 To cor. of secs. 17, 18, 19 & 20.
Land mts. soil, 3rd & 4th rate very stony.
Timber. Oak cedar, juniper, pine, pinon.
Undergrowth dense scrub oak, manzanita and pinon.
Mts. land exc. difficult to survey. 79.85 chs.

End Oct. 24, 1908.

Oct. 25, 1908, at 7 a.m., l.m.t. I set off 12*07'S. on the decl. arc. and 32*07'N. on the 0lat. arc and determine a mer. with the solar, ~~then this is the last day of work, then I run near top.~~
S. 091'W. bet. secs. 19 & 20, over mts. land along top of divide.
6.00 Cross to E. side of divide. desc.
14.00 Head of main canyon, course E.
14.72 Top of main divide N. & S.
U.S.L.M. No. 2365 bears S. 81* 10' E. 57.84 chs.
26.00 Top of spur, brs. W. desc. along W. slope.
37.00 Canyon 30 lks wide course W.; ascend.
40.00 Set a granite stone 24 x 12 x 10 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Asc. along rough W. slope.
60.00 Top of spur bears W. desc. steep along S.W. slope.
80.00 Set a limestone 24 x 12 x 10 ins. 18 ins. in the ground for cor. of secs. 19, 20, 29 & 30 marked with 2 ^{notches} ~~grooves~~ on S. and 5 ^{notches} ~~grooves~~ on E. ~~faces~~ and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Land mts.
Soil, 3rd rate stony.
Timber, oak cedar pine juniper.
Undergrowth scrub oak and manzanit.
Mts land exc. difficult to survey 80.00 chs.

S. 89*50'W. bet. secs. 19 & 30, on a random line.
40.00 set temp. 1/4 sec. cor.
79.86 Intersect W. bdy. at point 5 lks. S. of cor. of secs. 19, 30, 24 & 25, whence I run, N. 89*52'E. on a true line bet. secs. 19 & 30.
Over mts. land asc.
20.00 Top of spur from divide brs. S. desc.
39.90 Set a granite stone 30x24x10 ins. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of Cor.

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43.00	Main Canyon 50 lks wide, course S.
79.80	To cor. of secs. 19,20,29 & 30. Land mts. Soil 2nd & 3rd rate, stone. Timber scattering oak and cedar. Undergrowth scrub oak, cacti. Mts. land exc. difficult to survey. 79.80 chs.
	<hr/> S. 0°1' W. bet. secs. 29 & 30.
	Over mts. land desc.
13.70	Dry wash 20 lks. wide course S.W.
18.00	Top of spur brs. S.W.
24.70	Dry wash 20 lks. wide course W.
39.70	Gap of ridge N. & S. asc. steep.
40.00	Set a limestone 30x15x12 ins. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
43.70	Intersect S. bdy. C.B.A.M.R. at point 18.20 chs N. 89°58' E. of 7 mile cor. Set a limestone 24 x 12 x 8 ins. 18 ins. in the ground for closing cor. of secs. 29 & 30 marked C.C. on N. P.L. on S. with 5 grooves on E. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Land. mts. soil, 2nd rate, gravelly stony. No timber. undergrowth scrub oak, palmo mesquite, yucca. Mts. land exc. difficult to survey, 43.70 chs.
	<hr/> At this last described cor. at 11h. 44m., l.m.t., I set off 12°09' S. on the decl. arc and observe the sun on the mer The resulting lat. is 32° 06' N.
	<hr/> S. 0°01' W. bet. secs. 4 & 5.
	Over mts. land desc.
2.70	Dry wash 20 lks wide course N.E. asc.
3.80	Road, brs. NE & SW.
24.10	Fence S.E. & N.W., enter pasture of Tom Riggs. asc. steep.
40.00	Set a limestone 24x12x10 ins 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. desc. fro cor.
45.00	Gulch 40 lks. wide course N.E. asc.
50.00	Top of spur N.E. desc.
62.00	Gulch 50 lks wide course N.E. asc. steep.
75.00	Top of high point on spur brs. N.E.
80.00	Set a granite stone 24x20x12 ins. 18 ins. in the ground for cor. of secs. 4, 5, 8 & 9, marked with 5 grooves on S. and 4 grooves on E. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. from which. An oak tree 12" diam. brs. N. 52° E. 73 lks. dist. marked T.15 S. R. 29 E. S.4. B.T. <i>No other trees available</i> Land mts., Soil 2nd & 3rd rate, gravelly, stone. No timber. Undergrowth scat. mesquite, tesseta. Mts. land 80.00 chs.
	<hr/> West on a random line bet. secs. 5 & 8
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line 7 lks S. of cor. of secs. 5,6,7 & 8 Whence I run, S. 89° 57' E. on a true line bet. secs. 5 & 8. Over mts. land desc.
10.00	Gulch 30 lks. wide course N. asc.
28.00	Top of main spur, brs. N. desc. steep
40.00	Set a granite stone 20x12x10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. from which, A cedar tree 8" diam. brs. N. 12 1/4 °. E. 60 lks. dist marked 1/4 S. 5.B.T. <i>No other trees available</i> Desc. steep through dense scrub oak.

CHAINS

- 44.00 Gulch 20 lks. wide ,course N. asc. prec. slope.
 61.00 Top of gap on ridge , brs. N.E. desc.
 67.00 Gulch 20 lks. wide ,course NE.asc.
 80.00 To cor. of secs. 4,5,8 & 9.
 Land mts, broken.
 Soil 2nd & 3rd rate stony.
 Timber, scattering oak,cedar juniper.
 Undergrowth scrub oak, palmeo, cact.
 Mts. land exc. difficult to survey 80.00 chs.
- East bet. secs. 4 & 9. Over mountainous land, descend.
 0.50 Fence NE. and SW.
 14.30 Little Emigrant Canyon 150 lks. wide course N.E. asc.
 40.00 Set a granite stone 24 x12 x 10 ins. 18 ins. in the ground
 for 1/4 sec. cor. marked 1/4 on N. face and raise a mound
 of stone 2 ft. base 1 1/2 ft. high N. of cor.
 59.50 Top of long spur N.E. desc.
 62.30 Intersect E. bdy. of C.B.A.M.R. at point 4.70 chs N. of
 12 1/2 mile cor.
 Set a granite stone 30 x20x10 ins 24 ins. in the ground
 for closing cor. of secs. 4 & 9 marked C.C. on W. P.L.
 on E. with 5 Grooves on S. faces , and raise a mound of
 stone 2 ft. base 1 1/2 ft. high W. of cor. from which.
 An oak tree 15" diam. brs. S.57* W. 68 lks. dist.
 marked T. 15 S. R. 29 E. S. 9 B.T.
 An oak tree 18 ins. diam . brs. N. 19 1/2* W. 103 lks. dist.
 marked T. 15 S. R.29 E. S.4 B.T.
 Land mts. soil,3rd rate stony.
 Timber ,oak,juniper,cedar.
 Undergrowth scrub oak mesquite, Tesseta.
 Mts. land exc. difficult to survey, 62.30 chs.
- End oct.25,1908.
- Oct. 26,1908, at the last described cor. at. 8 a.m.,1.m.t.
 I set off 12* 24' S. on the decl. arc and 32*09'N. on the
 lat. arc, and determine a true mer. with the solar,
 Thence I run,
 S.0* 01'W. bet. secs. 8 & 9.
 Over mts. land desc.
 .50 Wire fence N.E. & S.W. in gulch 20 lks wide course S.E.
 2.00 Gulch 10 lks wide course E. asc.
 5.00 top of spur ,brs. E. desc.
 9.50 Dry wash 20 lks. wide ,course N.E.
 22.00 Dry wash 20 lks wide course N.E. branch of Little Emigrant
 Canyon.
 26.00 Old house E.3 chs. and W. 2 chs.Spring is 10 chs. N.E.
 Asc. over broken ground.
 38.50 Spring on line.
 40.00 Set a granite stone 30 x 15x10 ins. 24 ins. in the ground
 in mound of stone for 1/4 sec. cor. marked 1/4 on W. face
 and raise a mound of stone 2 ft. base 1 1/2 ft. high W.
 of cor. from which,
 An oak tree 6" diam. N. 7* E. 19 lks. dist.
 marked 1/4 S. 9 B.T.
 An oak tree 12" diam. brs. N. 16* W. 49 lks. dist. marked
 1/4 S. 8..B.T.
- 42.00 old mine shaft on line .
 44.50 Old road to old mine, brs. E. & W.
 59.65 Top of spur, brs. N. Thence along rough E slope.
 72.00 Beg. grad. desc. to canyon over very rough ground.
 80.00 Mark cross on granite bldr. in place 2' x2' x 2' above
 above ground for cor. of secs. 8,9,16 & 17, with 4 grooves
 on S. and 4 grooves on E. Set cross and raise a mound of
 stone 2 ft. base 1 1/2 ft. high W. of cor. from which,
 An oak tree 14" diam. brs. N.28* E. 53 lks. dist. marked
 T.15 S. R.29 E. S.9 B.T.
 An oak tree 6" diam. brs. S.25* E.54 lks. dist.
 marked T.15 S. R. 29 E. S. 16 B.T.
 An oak tree,12" diam. brs. S. 6*W. 30 lks. dist.
 marked T.15 S. R. 29 E. S. 17 .B.T.
 An oak tree 8" diam.brS.N.84*W.179 lks.dist.

CHAINS

Marked T.15 S. R. 29 E. S.8 B.T.
Land Mts. Soil 2nd & 3rd rate, stony gravelly.
Timber, oak juniper cedar.
Undergrowth scrub oak, cacti.
Mts. land exc. difficult to survey,80.00 chs.

- N. 89° 57' W. on a random line bet. secs. 8 & 17.
- 40.00 Set temp. 1/4 sec. cor
- 80.22 Intersect N. & S. line at point 7 lks N. of cor. of secs. 7,8,17 & 18, whence I run, East on a true line bet. secs. 8 & 17. Over mts. land; descend.
- 10.10 Dry wash 10 lks. wide, course S.W.
- 27.50 Top of main ridge N.W. desc. steep.
- 33.50 Gulch 20 lks wide course N. asc.
- 40.11 Mark cross on ledge 10' x 4' x 1 ft. above ground for 1/4 sec. cor. with 1/4 marked W. of cross and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. from which, A juniper tree 24" diam. brs. S.18° W. 94 lks. dist. marked 1/4 S. 17 B.T.
- 40.30 Gulch 20 lks wide, course N. asc. steep.
- 47.00 Top of spur, brs. N. desc.
- 54.00 Little Emigrant Canyon, 1 ch wide course N. asc. precipitously.
- 62.00 Top of ridge, desc. grad. along N. slope.
- 66.00 Desc. steep along E. slope.
- 79.50 Main branch of Little Emigrant Canyon, course N.E.
- 80.22 To cor. of secs. 8,9,16 & 17.
Land mts. Soil 2nd & 3rd rate, stony, gravelly.
Timber, oak, juniper, cedar.
Undergrowth, scrub oak, manzanite, cacti.
Mts. land exc. difficult to survey,80.22 chs.

At this last described cor. at 11h. 44m. 1.1 p.m., I set off 12°30'S on the decl. arc and obs. the sun on the mer. The resulting lat. is 32°08'N.

- East on a true line bet. secs. 9 & 16
Over mts land asc.
- 30.00 Top of high ridge, brs. N.E. desc.
- 40.00 Set a granite stone 24x12x12 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
- 50.00 Dry wash 20 lks wide, course N.E. asc.
- 62.45 Intersect E. bdy. C.B.A.M.R. at point 4.60 chs N. of 1 1/2 mile cor.
Set a granite stone 36x18x18 ins 24 ins. in the ground for closing cor. of secs. 9 & 16, marked C.C. on W., P.L. on E. and 4 grooves on S. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. from which, An oak tree 12 ins. diam. brs. S. 23° W. 92 lks dist. marked T.15 S. R.29 E. S. 16 C.C.B.T. *Use this tree available*
Land mts., Soil, 3rd rate stony gravelly.
Timber, oak, cedar, juniper.
Undergrowth scat. scrub oak, cacti.
Mts land exc. difficult to survey 62.45 chs.

- S.0° 01' W. bet. secs. 16 & 17
Over mts land asc. steep.
- 40.00 Top of main high ridge, brs. E.
Set a granite stone 24x12x10 ins. in mound of stone for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Desc. steep.
- 70.00 Canyon 50. lks wide course S.E. asc.
- 80.00 Set a limestone 24x12x10 ins 18 ins. in the ground for cor. of secs. 15,17,20 & 21 mkd. with 3 grooves on S. & 4 grooves on E. faces and raise a md. of stone 2' base 1 1/2' high W. of cor.
Land mts., Soil, 2nd rate, stony. Timber, oak, cedar, und'gth, sc. oak.
Mts. land exc. dif. to survy. 80 chs. End. Oct. 26, 1908.

CHAINS

- Oct. 27, 1908, at 8 a.m., l.m.t., at the cor. of secs. 16, 17, 20 & 21, I set off $12^{\circ} 45' 30''$ S. on the decl arc and $32^{\circ} 07'$ N. on the lat. arc and determine a mer. with the solar, thence I run,
 West on a random line bet. secs 17 & 20.
 40.00 set temp. $1/4$ sec. cor.
 80.16 Intersect N. & S. line at point 5 lks. N. of the cor. of secs. 17, 18, 19 & 20, whence I run,
 N. $89^{\circ} 58'$ E. on a true line bet. secs. 17 & 20
 Var. 13° E.
 Desc. along N. slope. over mts. land.
~~18.00 Marble quarry No 272 chs.~~
~~22.80 Marble quarry No 276 chs. S. 23.60 chs. road~~
 40.08 Set a limestone $24 \times 12 \times 8$ ins. in mound of stone for $1/4$ sec. cor. marked $1/4$ on N. face and raise a mound of stone 2 ft. base $1 1/2$ ft. high N. of cor. from which,
 A pine tree 12" diam. brs. S. 25° W. 38 lks. dist. marked $1/4$ S. 20 B.T.
 A pine tree 12" diam. br s. N. $60 1/2^{\circ}$ W. 127 lks. dist. marked $1/4$ S. 17 B.T.
 U.S.L.M.No. 2365 brs. S. 36° E. 29.17 chs.
 55.75 Road N. & S. to old marble quarry from Bowie.
 80.16 To cor. of secs. 16, 17, 20 & 21.
 Land mts., Soil 2nd & 3rd rate, stony.
 Timber, Pine, oak; juniper.
 Under growth pinon, scrub oak.
 Land covered with dense undergrowth and exc. difficult to survey 80.16 chs.
-
- East bet, secs. 16 & 21, over mts. land, desc. along N.E. slope.
 9.40 Canyon 30 lks. wide course S.E., asc. along S.W. slope.
 40.00 Set a granite stone $30 \times 12 \times 10$ ins. 18 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on N. face and raise a mound of stone 2 ft. base $1 1/2$ ft. high N. of cor.
 Asc. steep.
 42.40 Top of Spur brs: S.E. desc: steep.
 52.50 Gulch 20 lks. wide course E.N.E., and ascend.
 62.40 Intersect E. bdy. C.B.A.M.R. at point 4.40 chs. N. of 10 $1/2$ mile cor.
 Set a limestone $36 \times 24 \times 12$ ins. 24 ins. in the ground for closing cor. of secs: 16 & 21, marked with C.C. on W. P.L. on E. and 3 grooves on S. faces and raise a mound of stone 2 ft. base $1 1/2$ ft. high W. of cor. from which,
 An ash tree 12 ins. diam. brs: S. 3° W. 115 lks. dist. marked T. 15 S. R. 29 E. S. 21 C.C.B.T.
 An oak tree 12 ins. diam. brs. N. 11° W. 85 lks. dist. marked T. 15 S. R. 29 E. S. 16 C.C.B.T.
 Land mts. Soil, 2nd rate, gravelly.
 Timber, oak ash juniper, cottonwood.
 Undergrowth scrub oak.
 Mts. land exc. difficult to survey, 62.40 chs.
-
- S. 0° $01'$ W. bet. secs. 20 & 21.
 Over mts land asc. steep.
 4.40 Top of ridge brs. E. desc. steep.
 14.18 Gulch 50 lks. wide course E. asc. along E slope
 40.00 Set a granite stone $18 \times 12 \times 10$ ins. 15 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on W. face and raise a mound of stone 2 ft. base $1 1/2$ ft. high W. of cor.
 42.00 Top of ridge, brs. N.N.W. desc. along S.W. slope.
 55.00 Main canyon 80 lks. wide course E.N.E. asc. through dense scrub oak along N.E. Slope.
 62.00 Enter dense pine timber. asc. steep.
 80.00 Point for sec. cor. falls on prec. slope.
 90.00 Top of main divide, brs. E. & W.
 Mark granite bldr in place $4' \times 5' \times 3'$ above ground with cross for W.C. to secs. 20, 21, 28 & 29 with W.C. on N. 2 grooves on S. and 4 grooves on E. of cross and raise a mound of stone 2 ft. base $1 1/2$ ft. high W. of cor.
 Land mts., Soil 2d rate, stony. Timber, pine, oak. Und'gth sc. oak.
 Mts. land exc. difficult to survey. 80.00 chs.

CHAINS

At this last described cor. at 111.44m. l.m.t., I set off 12*50'S. on the decl. arc and observe the sun on the mer. The resulting lat. is 32. 07' N.

From the cor. point of secs.20,21,28 & 29, I run S. 89*58'W. on a random line bet. secs. 20 & 29.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect. N. & S. line 10 lks. S. of Cor. of secs.19, 20, & 29 & 30, whence I run, S. 89* 58' E. on a true line bet. secs. 20 & 29, Over mts. land asc. along S.W. slope of divide

30.00 Top of divide NW. and SE.

35.00 beg. desc. alone N. slope, through dense scrub oak.

40.05 set a granite stone 24x12x8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of Cor.

80.10 To cor. point of secs. 20,21,28 & 29. Land mts. Soil, 2nd rate, stony gravelly. Timber, Pine oak, juniper. Undergrowth scrub oak, pinon. Mts. land exc. difficult to survey, 80.10 chs.

East bet. secs. 21 & 28, Over mts. land along N. slope.

25.00 Top of high spur brs. N. desc. through dense pine timber

30.30 Gulch 20 lks. wide course N. asc. through dense scrub, oak.

40.00 Top of spur, brs. N. and over mountainous land. Set. a limestone 20x10x10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

62.33 Intersect E. bdy. at point 4.15 chs. N. of 9 1/2 mile cor. Set a granite stone 24x12x8 ins. 18 ins. in the ground for closing cor. of secs. 21 & 28 marked C.C. on W. P.L. on E. and 2 grooves on S. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. from which, A juniper tree 24" diam. brs. S. 62*W. 20 lks. dist. marked T.15 S.R.29 E. S. 28 C.C.B.T. An oak tree 12" diam. brs. N. 62 1/2*W. 71 lks. dist. marked T.15 S.R.29 E. S.21 C.C.B.T. Land mts. Soil, 2nd rate, stony. Timber, pine, oak, juniper. Underg'th, scrub oak, pinon. Mts. land exc. difficult to survey. 62.33 chs.

S.0*01' W. bet. secs. 28 & 29. Over mts. land asc. from cor. point.

10.00 Top of divide, brs. E. & W. Witness cor. as before described. desc. steep.

40.00 Set a granite stone 30x24x12 ins. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

43.65 Intersect S. bdy. C.B.A.M.R. at point 18.25 chs. N. 89*58'E. of 8 mile cor. at which point I Set a sandstone 24x18x10 ins. 18 ins. in the ground for Closing cor. of secs.28 & 29 marked C.C. on N. P.L. on S. and 4 grooves on E. faces and raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Land Mts. Soil 2nd rate, stony. Timber, pine, oak, juniper. Undergrowth scrub oak, palmeo cacti. Mts. land exc. difficult to survey 43.65 chs.

End Oct.27,1908.

GENERAL DESCRIPTION.

This frac. Tp. is very rough and broken, lying entirely in the mountains. The soil is in general stony or gravelly, the mountains being all granite or lime formation. There is some good pine and oak timber in the higher parts on the North slopes. Tom Rigg's ranch is in sec. 6. H. B. Dickson occupies and cultivated about 20 acres of land in sec. 7. They have developed water for irrigation and erected a windmill and substantial house with other improvements.

Jesse B. Wright
U.S. Deputy Surveyor.

For FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

BOOK 2101
(11A)

See Book S. Rule T 14 P R 28 E.

LIST OF NAMES.

A list of the names of the individuals employed by _____
_____, 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 _____

showing the respective capacities in which they acted:

- _____, Chainman.
- _____, Chainman.
- _____, Moundman.
- _____, Moundman.
- _____, Axman.
- _____, Axman.
- _____, Flagman.

FINAL OATH OF ASSISTANTS.

See final oath of assistants in book "D" Rule T 14 P R 28 E.
We hereby certify that we assisted _____

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

_____ of the _____
_____ meridian, _____ of _____, 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 _____

- _____, Chainman.
- _____, Chainman.
- _____, Moundman.
- _____, Moundman.
- _____, Axman.
- _____, Axman.
- _____, Flagman.

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



26
BOOK 2101 (12)

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.
Re Book D. P. 14 D R. 28 L.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the _____ day of _____, 190____, 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 _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ meridian, in the _____ of _____, 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

United States Deputy Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

The foregoing field notes of the survey of Florida, being April 14, 1909
the subdivision lines of that
portion of Sp. 15 P. Pg. 29 E. lying within the
Camp Bowie abandoned Military Reservation,
Arizona,

executed by Jose B. Wright, U.S. Deputy Surveyor
under his contract No. 149, dated June 13, 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 S. Galloway
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.

For authority for red ink corrections
see Deputy letter of Nov. 14, 1908 & Mar. 24, 1909.

United States Surveyor General.