

-1840-

Book 3.

BOOK 1840

Mar. 21/05.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisional Lines

The South Eighteen Sections

T 10 S R 16 E.

-1840-

1840

Of the Line - East River Bar & Meridian,

Arizona

AS SURVEYED BY

William B. Dyar, United States Deputy Surveyor,

Under his Contract No. 117, dated June 13, ¹⁹⁰⁴~~189~~

Survey commenced ~~July 4~~ August 9, ¹⁹⁰⁴~~189~~

Survey completed ~~October 26~~ Sept. 24, ¹⁹⁰⁴~~189~~

NAMES AND DUTIES OF ASSISTANTS.

Frank C. Ketter Chairman

Edgar C. Allen "

Amos T. Ford Stewardman

James L. Lopez "

Frank L. Perkins Organ

J. Patton Harmon

BOOK 1840

INDEX DIAGRAM.

Township 10 S, Range 16 E

6	23 + 34	5	27	4	29	3	17 + 18	2	19	1
32 + 33		32		26 + 27		22		16 + 17		12
7	31	8	25 + 26	9	21	10	15 + 16	11	11 + 12	12
30		29		25		20		15		14
18	28	17	24	16	19	15	14	14	10	13
2 + 3		4 and 5		5 and 6		7		8		9
19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51

Meanders Page.....

WE, Frank C. Kelton and Edgar E. Ater


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 subdivisional lines necessary for the survey of the north 18 Section T10S R16E; South 18 Section T9S R16E; South 18 Sect. T9S R15E; and Sect 5 & 6 T10S R15E. of the Sida & East River Base & Meas.

Frank C. Kelton, Chainman.

Edgar E. Ater, Chainman.

Subscribed and sworn to before me this 10 day of July, 1891 1904

My Comm.  Expires Sept 24 '06

Ralph W. Saugworthy
Notary Public
Pima County

WE, Ernest T. Ford and Jesus Lopez

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 subdivisional lines necessary for the survey of the north 18 Section T10S R16E; South 18 Section T9S R16E; S 18 Sect. T 9S R15E; and Sect 5 & 6 T10S R15E. of the Sida & East River Base & Meas.

Ernest T. Ford, Moundman.

Jesus Lopez, Moundman.

Subscribed and sworn to before me this 10 day of July, 1891 1904

My Comm.  Expires Sept 24 '06

Ralph W. Saugworthy
Notary Public
Pima County

I, Frank S. Durlin

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 subdivisional lines necessary for the survey of the north 18 Section T10S R16E; South 18 Sect. T9S R16E; S 18 Sect. T 9S R15E; and Sect 5 & 6 T10S R15E. of the Sida and East River Base & Meas.

Frank S. Durlin, Axman.

Subscribed and sworn to before me this 10 day of July, 1891 1904

My Comm.  Expires Sept 24 '06

Ralph W. Saugworthy
Notary Public
Pima County

I, S. Buttlar, 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

The subdivisional lines necessary for the survey of the north 18 Section T10S R16E; South 18 Sect. T9S R16E; S 18 Sect. T 9S R15E; and Sect 5 & 6 T10S R15E. of the Sida and East River Meas.

S. Buttlar, Flagman.

Subscribed and sworn to before me this 10 day of July, 1891 1904

My Comm.  Expires Sept 24 '06

Ralph W. Saugworthy
Notary Public
Pima County

Chains

Survey commenced August 9th, 1904, and executed with a Young & Sons Light Mountain Transit, No. 7520; the horizontal limb having two double verniers placed opposite each other and reading to single minutes of arc, which is also the least reading of the declination and latitude arcs.

At the cor. of secs. 13, 18, 19 and 24, ^{and 24} previously established by me in lat. $32^{\circ}-35'1''$ N, long. $110^{\circ}-39'0''$ W., at 4 h. 10 m., p.m., l.m.t., I set off $32^{\circ}-35'$ N on the lat. arc, $15^{\circ}47'-1/2'$ N. on the decl. arc, determine a meridian with the solar and mark a point thereof by a tack driven in a stake set firmly in the ground about 4 chs. N. of the instrument.

At said cor. at 9 h. 37.5 m., p.m., by my watch, which is 1.6 m. slower than S.F. time, I observe Polaris at eastern elongation in accordance with instructions in the manual, and mark a line thus determined by a tack driven in a wooden stake set firmly in the ground about 4 chs. N. of my station.

August 9th, 1904.

Aug. 10th, 1904 .

At 6 h. 30 m., a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ}-25.6'$ to the W. and mark the true meridian thus determined by a tack driven in the stake already set in the ground N. of my instrument. This mark falls .35 ins. W. of the mark determined by the solar observation.

At 7 h. 0 m., a.m., l.m.t., I set off $15^{\circ}-37'$ N. on the decl. arc, $32^{\circ}-35'$ N. on the lat. arc, determine a meridian with the solar and mark a point thereof on the stake already set N. of my station. This mark falls .22 ins. W. of the mark determined by the observation on Polaris.

The solar apparatus by p.m. and a.m. observations defines positions for true meridians about $23''$ E. and $14''$ W. of

Chains

the meridian established by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian is N. $12^{\circ}-45'$ W.;

therefore the magnetic declination is $12^{\circ}-45'$ E.

I begin at the cor. of secs. 13, 18, 19 and 24 ^{on E. Bdy. of} T. 10 S.,

R. 16 E., which I established July 30th, 1904.

Thence I run

W. on a random line along the S. boundary of secs. 13, 14,

15, 16, 17 and 18 setting temp. $1/4$ sec. and sec. cors.

at intervals of 40.00 chs.

372.00

To edge of prominent extensive quartzite ledge visible

for miles from surrounding country, bears N.W. and S.E.;

to pass which I off set as follows:

N. 1.10 chs.; then, on off set line

W. to 374.50 chs (measured from E. bdy. of T.); thence

S. 1.10 chs. to random, on which, at

479.13

I intersect the W. boundary of T., 13 lks. N. of cor. of

secs. 13, 18, 19 and 24.

August 12th, 1904.

August 13th, 1904.

The falling answers to a correction of $0^{\circ}-1'$, or 2 lks.

S. per mile; therefore I run ^{on Arbitrary True line} W. $89^{\circ}-59'$ E. between
secs. 18 and 19.

Ascend hill sloping N.W.

1.23

Foot of a large prominent outcrop of Catalina Conglomerate

2.80

Leave Catalina Conglomerate.

5.00

Small wash, bears N. Ascend hill sloping N.W.

9.50

Top of high prominent ridge, on the divide between San
Pedro and Canado del Oro washes. Descend 150 ft.

14.02

Wash, course N.E. Ascend hill sloping N.W.

22.50

Top of ridge, course N.E. Descend hill sloping S.E.

32.90

Wash, 5 lks. wide, bears N.E. Ascend hill sloping N.W.

39.13

Set a sandstone 6 x 8 x 16 ins., 10 ins. in the ground
for $1/4$ cor. between secs. 18 and 19, marked $1/4$ on N.
face; from which

Chains

An oak, 12 ins. diam., bears N. 33° W. 96 lks. dist.
marked $1/4$ S. 18', B.T.

An oak 6 ins. diam., bears S. $42^{\circ}-45'$ W. 55 lks.
dist., marked $1/4$ S. $19'$ B.T.

Aug. 13th, 1904; I set off $14^{\circ} 39'$ N. on the decl. arc,
and at 12 h., l.m.t., observe the sun on the meridian;
the resulting lat. is $32^{\circ}-35'$ N.

The magnetic decl. at this cor. is $14^{\circ}-00'$ E.

August 13th, 1904; At 2 h. 0 m., p.m., l.m.t., I set
off $32^{\circ}-35'$ on the lat. arc, $14^{\circ}-37'$ on the decl. arc;
and determine a meridian with the solar.

- 40.00 Descend E. *slope*
- 55.50 Wash, course N. Dense growth of large walnut and cotton-
wood trees. Ascend.
- 63.00 Top of ridge, bears N.N.E. Descend abruptly hill sloping
S.E.
- 66.90 Wash, bears N.E. Ascend steep hill sloping N.W.
- 70.30 Top of ridge, bears E.N.E. Descend.
- 73.60 Wash, 5 lks. wide, course N.E. Ascend steep hill sloping N.W.
- 74.90 Ridge bears N.E. Descend hill sloping S.E.
- 79.13 Set a quartz stone 6 x 10 x 16 ins., 11 ins. in the
ground, for cor. to secs. 17, 18, 19 and 20, marked
with 3 notches on the S., and 5 notches on the E.,
edges, from which

An oak, 8 ins., diam., bears N. $80^{\circ}-30'$ E., 41 lks.
dist., marked T. 10. S., R. 16 E. S. 17, B.T.

An oak, 14 ins. diam., bears N. $51^{\circ}-30'$ W. 96 lks.
dist., marked T. 10. S., R. 16 E. S. 18, B.T.

An oak, 14 ins. diam., bears S. $40^{\circ}-45'$ W., 45 lks.
dist. marked T. 10 S. R. 16 E. S. 19, B.T.

An oak, 10 ins. diam., bears S. 13° E. 63 lks. dist.
marked T. 10. S., R. 16 E. S. 20, B.T.

The magnetic decl. at this cor. is $13^{\circ}-15'$ E.

Land, mountainous,

Soil, 4th rate.

Timber, oak, juniper, mesquite and manzanita; some

Chains black walnut.

Mountainous land, 79.13 chs.

August 13th, 1904.

August 14th, 1904; At 7 h. 0 m., a.m., l.m.t., I set off
 $32^{\circ}-35'$ on the lat. arc, $14^{\circ}-25'$ on the decl. arc, and
 determine a meridian with the solar; thence I run
 $N. 89^{\circ}-59' E.$, between secs. 17 and 20.

Continue descent.

- 1.70 Wash, 10 lks. wide, bears N.E. Ascend side hill sloping
 N.W.
- 6.50 Top of ridge, bears N. Descend.
- 10.10 Gulch, bears N. Ascend abruptly.
- 14.50 Top of ridge, bears N. Descend abruptly 200 ft.
- 19.70 Gulch, course N. Ascend abruptly 250 ft.
- 25.50 Edge of impassable quartzite ledge; to pass which I
 offset as follows:
 N. 1.15 chs.; thence on offset line,
 $N. 89^{\circ}-59' E.$, through gap in ledge. *2.50 chs.*
- 28.00 S. 1.15 chs. to true line, thence $N. 89^{\circ}-59' E.$ Begin
 long descent of sharply rolling land, having a general
 slope of N. and N.E.
- 40.00 Set a white quartz stone, 6 x 12 x 14 ins. ^{10"} in the ground
 for 1/4 cor. between secs. 17 and 20, marked 1/4 on N.
 face; from which
 An oak 7 in. diam., bears $N. 25^{\circ}-30' W.$ 41 lks.
 dist. marked 1/4 S. 17 ~~S.~~ B.T.
 An oak, 24 ins. diam., bears $S. 17^{\circ}-30' E.$ 91 lks.
 dist. marked 1/4 S. 20, B.T.
- This cor. is situated on a prominent hill sloping N.E.
 Continue descent.
- 42.20 Trail, bears N.W.
- 44.00 From this point, the N.W. cor. of the Granite Ranch
 house; (Clarks), bears $N. 51^{\circ}-27' E.$
- 50.25 Wash, with rocky bed, bears N.N.E.
 Ascend.

Chains

- 53.40 Top of hill, thence along side hill sloping N.
- 62.00 Descend.
- 66.00 Foot of hill. Ascend hill sloping N.W.
- 68.00 Croppings of quartz vein, bears N.E. and S.W., located.
- 75.60 Ridge, bears N.E. Descend.
- 77.15 Wash, 15 lks. wide, course N.E. Ascend.
- 78.80 Top.
- 80.00 Set a quartz stone 8 x 12 x 14 ins. 10 ins. in the ground for cor. of secs. 16, 17 20 and 21, marked with 3 notches on the S. and 4 notches on the E. edges; from which
- An oak, 20 ins. diam., bears N. 60° -15' E. 94 lks dist. marked T. 10 S. R. 16 E. S. 16, B.T.
- An oak, 26 ins. diam., bears N. 19° W. 138 lks. dist. marked T. 10 S. R. 16 E. S. 17, B.T.
- An oak, 18 ins. diam., bears S. 12° -45' W. 216 lks. dist. marked T. 10 S. R. 16 E. S. 20, B.T.
- A mesquite, 5 ins. diam., bears S. 52° -45' E. 230 lks. dist. marked T. 10 S. R. 16 E. S. 21, B.T.
- Land, stony and extremely mountainous.
- Soil, 4th rate.
- Timber, oak and mesquite.
- Mountainous land, 80.00 chs.
- Aug. 14th, 1904; I set off 14° -20' on the decl. arc, and at 12 h., l.m.t., observe the sun on the meridian; the resulting lat. is 32° -35'
-
- N. 89° -59' E. between secs. 16 and 21.
- 0.83 Road to Southern Bell mine, bears S.E.
- 9.50 Descend hill sloping S.E.
- 12.00 Wash, 50 lks. wide, course N. Ascend.
- 13.50 Top of hill.
- 26.50 Wash, 30 lks. wide, bears N.N.E. Ascend abruptly along hill covered with boulders. Slope N.W.
- 28.00 Top of hill. Descend.

Chains

- 30.60 Wash, 5 lks. wide, bears N. Ascend.
- 32.50 Top of side hill, slopes N.
- 35.00 Descend.
- 36.30 Wash, 10 lks. wide, bears N. Ascend abruptly.
- 37.60 Top of hill.
- 40.00 Set a quartzite stone 6 x 8 x 14[✓] ins., ~~10~~ in. in the ground, for 1/4 cor. between secs. 16 and 21, marked 1/4 on N. face; from which
- A mesquite, 6 ins. diam., bears S. 40°-15' E. 32 lks. dist. marked 1/4 S. 21, B.T.
- An oak, 8 ins. diam., bears N. 11°-30' W. 117 lks. dist. marked 1/4 S. 16 B.T.
- And raise a mound of stones, 2 ft. base, 1-1/2 ft. high N. of cor. This cor. is situated on a side hill sloping gently N.
- Over small ridges and washes, bearing N.
- 44.50 Trail, course S.E.
- 45.80 Top of ridge, bears N., over rolling ground.
- 53.70 Top of ridge, bears N.
- 61.50 Wash, 5 lks. wide, bears N.E.
- 63.40 Wash, 30 lks. wide, bears N. Ascend.
- 65.00 Top of rise. Over rolling ground.
- 74.65 Road to the Brady Ranch, bears S.E.
- 75.90 Wash, 15 lks. wide, bears N.
- 80.00 Set a porphyry stone 4 x 12 x 15 ins., 11 ins. in the ground for cor. to secs. 15, 16, 21 and 22, marked with 3 notches on the S. and 3 notches on the E. edges; and raised a mound of stones, 3 ft. base, 2 ft high, W. of cor. Pits impracticable.
- one with 105 on N.E. Face & 16 E on S.E. face*
- From this cor. Brady's old adobe house, bears S. 66°-15' E.; Rice peak, bears S. 39°-45' W.
- Land, mountainous.
- Soil, 3rd and 4th rate.
- Timber, mesquite, oak and catsclaw.
- Mountainous land, 79 chs.

August 14th, 1904.

Chains

August 15th, 1904.

N. $89^{\circ} 59'$ E., between secs. 15 and 22.

- 0.27 Trail, bears S.S.W.
- 6.60 Top of low ridge, on which well worn trails, bear S.W. to American Flag Spring. Descend gentle slope.
- 11.45 Trail, bears N.N.E.
- 12.85 Wash, course N.E.
- 13.80 Same wash, course S.E.
- 15.90 Same wash, course N.
- 16.00 Brady's old adobe house, bears S. 24° E. about 8 chs. dist.
- 18.50 Same wash, course S.E.
- 20.35 Trail, bears S.W.
- 30.78 Wire fence, bears S. 75° W. Enter Brady's enclosure.
- 39.00 Set a quartz stone 6 x 8 x 16 ins., 11 ins. in the ground for witness point to $1/4$ cor. of secs. 15 and 22, marked $1/4$ W.C. on N. face, and raise a mound of stones, 2- $1/2$ ft. base, 2 ft. high, N. of cor. Pits impracticable.
- 40.00 Point for $1/4$ cor. falls in wash, course E.N.E.
- 41.80 Middle of wash, 20 lks. wide, course E.N.E.
- 43.00 Leave wash.
- 48.90 Wash, course N.N.E. Ascend.
- 49.70 Top of hill.
- 54.50 Wash, 20 lks. wide, course N.
- 60.05 Wash, bears N. Ascend.
- 62.00 Top of ridge, course N. Descend.
- 64.00 Fork of two washes, courses N. and N:E. Ascend.
- 66.70 Top of hill. Descend gradually.
- 70.50 Foot of slope, over rolling ground.
- 80.00 Set a porphyry stone 6 x 8 x 18 ins., 12 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked with 2 notches on the E. and 3 notches on the S. edges; dig pits 18 x 18 x 12 ins., in each section 5- $1/2$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
- Land, mountainous.
- Soil, 3rd rate.

Chains	<p>Timber, mesquite brush.</p> <p>Mountainous land, 78.50 chs.</p> <hr/> <p>August 15th, 1904; At 9 h. 10 m., a.m., l.m.t., I set off 32°-35' on the lat. arc, 14°-4' on the decl. arc; and determine a meridian with the solar.</p> <p>N. 89°-59' E., between secs. 14 and 23.</p> <p>8.70 Fork of two washes, courses N.N.E. and N.E. Main wash is 20 lks. wide.</p> <p>16.27 Wash, course N.N.E.</p> <p>20.18 Wire fence, bears N. 15° W. Leave Brady's enclosure.</p> <p>30.65 Wash, 25 lks. wide, bears N.N.E. Thence over rolling country, general slope N.E.</p> <p>40.00 Set a limestone, 8 x 12 x 16 ins., 11 ins. in the ground, for 1/4 cor. to secs. 14 and 23, marked 1/4 on N face; digs pits 18 x 18 x 12 ins. E. and W. 3-1/2 ft. dist. and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high, N. of cor.</p> <p>40.50 Wash, 30 lks. wide, course N.E. Ascend.</p> <p>44.20 Highest point of long low ridge, bears N.E. Descend.</p> <p>49.15 Wash, bears N.N.E. Ascend.</p> <p>53.50 Top of hill. Descend.</p> <p>57.00 Wash, 30 lks. wide, bears N. Thence over rolling country.</p> <p>61.80 Wash, bears N.E.</p> <p>68.00 Ascend.</p> <p>69.50 Trail, bears S.</p> <p>70.00 Top of hill. Descend.</p> <p>71.10 Wash, course N.</p> <p>73.30 Top of side hill sloping N. Descend rolling side hill sloping gently N.</p> <p>80.00 Set a porphyry stone 10 x 12 x 15 ins., 10 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked with 1 notch on the E. and 3 notches on the S. edges; digs pits, 18 x 18 x 12 ins. in each section, 5-1/2 ft. dist; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, mountainous,</p> <p>Soil, sandy, 3rd and 4th rates.</p>
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Chains Timber, meaquite.
 Mountainous land, 80.00chs.
 August 15th, 1904; I set off $14^{\circ}-1-1/2'$ (on the decl. arc,
 and at 12 h., l.m.t., observe the sun on the meridian;
 the resulting lat. is $32^{\circ}-35'.N$

N. $89^{\circ}-59'$ ~~W~~ between secs. 13 and 24. ~~N~~
 Continue descent.

10.40 Right bank of wash, course S.S.E.
 12.40 Left bank of same wash.
 14.00 Small wash, course S.S.E. Over rolling ground, sloping S.
 23.00 Ridge, bears S.S.E.
 24.30 Wash, course S.S.E.
 25.20 Ridge, bears S.S.E.
 27.00 Wash, course S.E. Ascend through dense chollas, prickly
 pears, etc.
 36.90 Top of hill.
 40.00 Set a porphyry stone 6 x 8 x 14 ins., 10 ins. in the
 ground for $1/4$ cor. of secs. 13 and 24, marked $1/4$ on
 N. face; and raise a mound of stones, 3 ft. base, 2 ft.
 high, N. of cor. Pits impracticable.
 Thence over rolling side hill.

43.90 Wash, 15 lks. wide, course E.S.E.
 55.50 Wash, course S.E. Ascend.
 56.70 Top of ridge, bears S.E. Descend.
 57.60 Wash, course S.E. Thence ascend through dense prickly
 pear, palo verde and mesquite underbrush, over numerous
 small ridges and gulches, having a general southerly
 bearing.

80.00 Cor. of secs. 13, 18, 19 and 24. *on E. Ridge*
 Land, mountainous.
 Soil, 3rd and 4th rates.
 Timber, mesquite and cacti.
 Mountainous land, 80.00 chs.

August 15th, 1904.

Chains

A.M.

August 16th, 1904; At 7 h. 40 m. l.m.t., I set off 32 35' N. on the lat.arc; 13 46.5' N. on the decl.arc and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24

From this cor. I run N. 0 9' W. bet. secs. 13 and 14 over sharply rolling land.

5.00 Wash, 30 lks. wide, bears E.

25.00 Gulch, bears E.N.E.

35.00 Wash, 10 lks. wide, with large granite boulders on either bank, bears East. Ascend abruptly through prickly pears, etc.

40.00 Set a granite stone, 6 x 8 x 15 ins. 10 ins. in the ground for 1/4 cor. bet. secs. 13 and 14, marked 1/4 on the W. face and raise a mound of stones 2 ft. base 2-1/2 ft. high W. of cor. Pits impracticable.

42.00 Top of ridge, course E. Leave dense prickly pear, descend.

48.90 Wash, 20 lks. wide, bears N.E. Ascend through dense undergrowth of prickly pear, chollas and mesquite.

56.00 Top of spur, bears W.S.W. Descend hill sloping N.W.

77.30 Wash, 25 lks. wide, bears E.N.E. Ascend.

77.80 Road from Kellogg's to Oracle, W.S.W.

80.00 Set a quartz stone 8 x 14 x 24 ins. 18 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked with one notch on the E. and 4 notches on the S. edges; and raise a mound of stones, 2 ft. base, 3 ft. high W. of cor. Pits impracticable.

Land, mountainous.

Soil, 3rd and 4th rate.

Undergrowth prickly pear, chollas and mesquite.

Mountainous land, 80.00 chs.

Dense undergrowth 38.00 chs.

August 16th, 1904; I set off 13 43' N. on the decl. arc, and at 12 h. 0 m. l.m.t., observe the sun on the meridian; resulting lat. is 32 36' N.

N. 89 59' E. bet. secs. 12 and 13.

Chains

- 40.00 Set temp. 1/4 sec. cor.
- 80.00 Intersect E. boundary of T. 10 S., R. 16 E. 2.06 chs. S. of W.C. of secs. 7, 12, 13 and 18.
- From the true cor. of secs. 7, 12, 13 and 18, I run S. 89 56' W. bet. secs. 12 and 13. Ascend along side hill sloping S.S.E. covered with scattered mesquite and cacti.
- 5.35 Road from Kellogg's to Oracle, bears W.S.W.
- 40.00 Set a quartzite stone, 7 x 7 x 15 ins. 10 ins. in the ground for 1/4 cor. bet. secs. 12 and 13; from which
- A mesquite 5 ins. diam., bears N. 22° W. 36 lks. dist. marked 1/4 S. 12 B.T.
- A mesquite 4 ins. diam. bears S. 7 45' E. 130 lks. dist. marked 1/4 S. 13 B.T.
- 52.00 Ridge, bears E.N.E.
- 60.05 Wash, 10 lks. wide, bears N.E. Ascend hill sloping S.E.
- 80.00 Cor. 11, 12, 13 and 14.
- Land, mountainous.
- Soil, 3rd and 4th rate.
- Timber, scattered mesquite and cacti.
- Mountainous land 80.00 chs.

August 16th, 1904.

August 17th, 1904.

- N. 0 9' W. bet. secs. 11 and 12.
- Continue ascent of ridge bearing N.E.
- 2.00 Prominent peak of ridge, well above surrounding country.
- Descend.
- 14.00 Wash, 125 lks. wide, course N.E. Over sharply rolling ground.
- 29.00 Ridge, bears N.E.
- 34.85 Wash, 15 lks. wide, course N.E.
- 40.00 Set a granite stone, 6 x 8 x 16 ins., 11 ins. in the ground for 1/4 cor. bet. secs. 11 and 12, marked 1/4 on the W. dig pits 18 x 08 x 12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3-1/2 ft. base,

Chains

- 1-1/2 ft. high W. of cor.
- 52.00 Ridge bears N.E.
- 59.50 Wash, 25 lks. wide, course N.E.
- 76.20 Wash, 30 lks. wide, bears E.N.E.
- 80.00 Set a quartzite stone 10 x 10 x 16 ins. 11 ins. in the ground for cor. of secs. 1, 2, 11, 12, marked with one notch on the E. and five notches on the S. edges; 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, mountainous; soil 3rd and 4th rate.
- Timber, mesquite and cacti.
- Mountainous land, 80.00 chs.
- Cloudy at noon; impossible to observe for lat.
-
- N. 89 56' E. bet. secs. 1 and 12 over sharply rolling country.
- 40.00 Set temp. 1/4 sec. cor.
- 79.84 Intersect E. bdy. on Tp. 2 lks. south of cor of secs. 1, 6, 7, 12.
- S 89 55' W. bet. secs. 1 and 12.
- 17 65 Wash, 20 lks. wide, course N.E.
- 27.20 Wash, 10 lks. wide, course N.E.
- 39.92 Set a quartz stone 9 x 14 x 18 ins. 12 ins. in the ground for 1/4 cor. bet. secs. 1 and 12, marked 1/4 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of stone, 3 ft. dist.; and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high, W. of cor.
- 54.00 Enter dense mesquite.
- 59.00 Center of wash 150 lks. wide, course N.E.
- 62.00 Leave dense mesquite.
- 79.84 Cor. 1, 2, 11, and 12.
- Land, mountainous, densely wooded.
- Soil, 3rd rate.
- Timber, mesquite.
- Mountainous land, 71.84 chs.
- Level land, densely wooded 8.00 chs.
-

Chains	August 17th, 1904; At 2 h. 30 m. p.m., 1.m.t., I set off 32 37' N. on the lat. arc, 13 22' N. on the decl. arc and determine a meridian by solar observation at the cor of secs. 1, 2, 11, 12.
	N. 0 9' W. on a random line bet. secs. 1 and 2.
40.00	Set temp. 1/4 se c. cor.
83.95	Intersect N. bdy. of Tp. at cor. of sec. 1, 2, 35 and 36. 7 lks. E. of cor.
	Thence I run S 0 12' E. Magnetic decl. 13 10' E.
	Over sharply rolling land.
4.00	Ridge, course N.E.
11.37	Road from Acton's to Oracle, bears S W.
14.00	Enter dense mesquite.
15.35	Wash, 35 lks. wide, bears N.E.
17.00	Leave dense mesquite.
29.70	Ridge, bears N.E.
34.80	Wash, 30 lks. wide, bears E.N.E.
37.80	Spur, bears N.E.
43.95	Set a quartzite stone 6 x 9 x 15 ins., 10 ins. in the ground for 1/4 cor. bet. secs. 1 and 2, marked 1/4 on the W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone, 3 ft. dist.; and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high, W. of cor.
46.00	Wash, 40 lks. wide, course N.E.
50.00	Spur bears N.E.
55.05	Wash, 5 lks. wide, course N.N.E.
59.65	Spur bears N.E. Descend.
63/00	Foot of descent. Through dense mesquite.
64.40	Wash, 25 lks. wide, course N.E.
65.00	Leave dense mesquite. Over rolling ground.
71.25	Wash, 8 lks. wide, course N.E. Ascend.
75.00	Top of ridge, bears N.E.
80.25	Wash, 5 lks. wide, course N.N.E. Ascend gradually.
83.45	Top of low ridge, bears N.E. Descend gradually.
83.95	Cor. 1, 2, 11, and 12.

Chains

Land, rolling; soil, 2nd and 3rd rate, good grazing.
Timber, mesquite, catsclaw and chollas.
Mountainous or wooded land, 12.10 chs.
Rolling land 71.85 chs.

August 17th, 1904.

August 18th, 1904; From the cor. of secs. 14, 15, 22 and 23 previously established by me, I run N. 0 9' W. bet. secs. 14 and 15 over sharply rolling land.

14 .30
15.70
29.00
40.00

Wire fence, bears N. 75 15' E. Leave Brady's enclosure.
Wash, 5 lks. wide, course N.E.
Wash, 75 lks. wide, bears E. Ascend through dense underbrush of mesquite and cacti.
Set a granite stone 6 x 12 x 17 ins., 17 ins. in the ground for 1/4 cor. bet. secs. 14 and 15, marked 1/4 on the W. face; dig pits, N. and S. of stone 3 ft. dist.; and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high to W. of cor.

August 18th, 1904; At 10 h. 20 m., a.m., 1.m.t., I set off 32 35.5' N. on the lat. arc, 13 6' N. on the decl. arc and determine a meridian with the solar.

53.00
53.80
66.45
80.00

Leave dense undergrowth.
Ridge, bears East, chimney of Brady's old adobe house bears S. 43 19' W.

Wash, 20 lks. wide, course E.N.E.

Set a granite stone 10 x 10 x 18 Ins. 12 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked with 4 notches on the S. and 2 notches on the E. edges; 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, mountainous; soil 3rd and 4th rates.
Timmer, mesquite and cacti; good grazing.
Mountainous land, 80.00 chs.
Dense undergrowth 24.00 chs.

Chains

August 18th, 1904; I set off 13 4.5' N. on the decl. arc and at 12 h. 0 m., l.m.t., observe the sun on the meridian; the resulting lat. is 32° 36' N.

N. 89 59' E. bet. secs. 11 and 14.

40.00

Set temp. 1/4 sec. cor.

80.06

Cor. of secs. 11, 12, 13 and 14 bears N. 5 lks. dist. from which I run

S. 89 57' W. bet. secs. 11 and 14.

Continue ascent of hill sloping S.S.E.

4.00

Top of prominent ridge, bears E.N.E. Descend to rolling lowlands.

22.05

Wash, 30 lks. wide, lined with dense mesquite, course N.N.E.

40.03

Set a granite stone 8 x 8 x 12 ins. 8 ins. in the ground for 1/4 cor. bet. secs. 11 and 14, marked 1/4 on N. face; raise a mound of stone 2-1/2 ft. base, 2 ft. high N. of cor.; pits impracticable.

41.00

Ridge, bears N.E.

42.10

Road from Kellogg's to Oracle, bears N.E.

50.00

Enter dense mesquite.

50.55

Wash, 1 ch. wide, bears N.N.E.

53.00

Leave dense mesquite.

64.75

Wash, 8 lks. wide, course NE.

80.06

Cor. of 10, 11, 14 and 15.

Good grazing; land mountainous; soil 3rd and 4th rates.

Timber, scattered mesquite.

Mountainous land, 80.06 chs.

August 18th, 1904.

August 19th, 1904;

N. 0 9' W. bet. secs. 10 and 11 through dense chollas and mesquite, over sharply rolling ground.

18.65

Wash, 60 lks. wide, course E.

21.00

Road from Kellogg's to Oracle, bears S. 80 West.

30.40

Wash, 10 lks. wide, course N.E.

<p>Chains 40.00</p>	<p>Set a quartz stone 8 x 13 x 18 ins. 12 ins. in the ground for 1/4 cor. bet. secs. 10 and 11, marked 1/4 on the W. face; dig pits 18x 18 x 12 ins. N. and S. of stone 3 ft. dist. and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high, W. of cor.</p>
<p>51.50</p>	<p>Wash, 30 lks. wide, bears E.N.E. Leave dense undergrowth</p>
<p>55.90</p>	<p>Trail, bears S.W.</p>
<p>62.50</p>	<p>Wash, 5 lks. wide, bears E.</p>
<p>80.00</p>	<p>Set a red granite stone 8 x 10 x 20 ins. 15 ins. in the ground for cor. of secs. 2, 3 and 11, marked with 2 notches on the E. and 5 notches on the S. edges; dig pits, 18 x 18 x 12 ins. in each sec. 5-1/2 ft. dist. and raise a mound of earth 4-1/2 ft. base, 3 ft. high, W. of cor.</p>
<p>Land, rolling; soil 3rd rate; timber, chollas and mesquite.</p>	
<p>Sharply rolling land, 80.00 chs; dense undergrowth 51.50 chs.</p>	
<p>August 19th, 1904; I set off 12° 45' N. on the decl. arc and at 12h. 0 m., 1.m.t., observe the sun on the meridian; the resulting lat is 32° 37' N.</p>	
<hr/>	
<p>N. 89 57' E. on a random line bet. secs. 2 and 11.</p>	
<p>40.00</p>	<p>Set a temp. 1/4 sec. cor.</p>
<p>80.12</p>	<p>Cor. of secs. 1, 2, 11, 12, bears S. 6 lks. dist.; from which I run</p>
<p>West bet. secs. 2 and 11.</p>	
<p>Ascend hill sloping S.E.</p>	
<p>8.80</p>	<p>Top of prominent point of ridge, bearing E.N.E. Descend.</p>
<p>12.00</p>	<p>Foot of hill; thence over sharply rolling land, covered with scattered mesquite and cacti.</p>
<p>39.00</p>	<p>Begin ascent, of prominent ridge, bears N.E.</p>
<p>40.06</p>	<p>Set a red granite stone 10 x 10 x 15 ins. 10 ins. in the ground for 1/4 cor. bet. secs. 2 and 11, marked 1/4 on the N. face; raise a mound of stones, 2 ft. base, 2-1/2 ft. high, N. of cor. Pits impracticable.</p>
<p>41.70</p>	<p>Prominent point of ridge, bears N.E. Descend.</p>

Chains	
46.30	Foot of hill. Over sharply rolling ground.
51.30	Wash, 8 lks. wide, bears N.N.E.
55.05	Wash, 15 lks. wide, bears N. E.
57.52	Trail bears S.W.
64.00	Enter dense undergrowth of chollas.
67.00	Leave same.
70.00	Enter dense mesquite.
70.50	Wash, 5 lks. wide, bears E.N.E.
72.00	Leave dense mesquite.
80.12	Cor. of secs. 2, 3 10 and 11. Land, mountainous; soil, 3rd and 4th rates; timber, mesquite and chollas. Mountainous land, 80.12 chs.; dense undergrowth 8.00 chs. August 19th, 1904; I set off $12^{\circ} 43'$ N. on the decl. arc $36^{\circ} 37'$ N. on the lat. arc, and at 2 h. 0 m., p.m., l.m.t., determine a meridian with the solar at the cor. of secs. 2, 3 ¹⁰ and 11.

	N. 0 09' W. on a random line bet. secs. 2 and 3.
40.00	Set temp. 1/4 sec. cor.
83.83	Intersect N. bdy. of Tp. 10 lks. east of cor. to secs. 2, 3, 34 and 35. Thence I run S. 0 13' E. Over sharply rolling land.
0.85	Top of prominent point of ridge running N.E.
12.15	Wash, 30 lks. wide, bears N.E.
18.15	Road to Oracle bears W. Enter dense growth of chollas.
22.00	Ridge bears E.N.E.
29.00	Leave chollas.
37.70	Small wash. Course E.
42.40	Wash 30 lks. wide, bears E.N.E.
43.83	Set a granite stone 9 x 14 x 16 ins., 11 ins. in the ground for 1/4 cor. bet. secs. 2 and 3, marked 1/4 on the W.; and raise a mound of stones 2-1/2 ft. high 2-1/2 ft. base W. of cor. Pits impracticable.
49.00	Ridge bears E. by N.
62.85	Wash, 15 lks. wide, bears E. by N.
63.90	Trail bears S.S. W.

Chains	
72.80	Wash, 35 lks. wide, bears E.N.E Enter dense mesquite.
79.00	Leave dense mesquite.
83.40	Road to Oracle, bears S.S.W.
83.83	Cor. of secs. 2,3,10 and 11.
	Land sharply rolling; timber, chollas, mesquite; soil, 3rd rate.
	Mountainous land, 83.83 chs. Dense undergrowth 17.05.
	August 19th, 1904.

Chains	August 20th, 1904; from the cor. of secs. 15, 16 21 and 22 previously established by me I run N. 0°-10' W. bet. secs. 15 and 16.
4.40	Wash, 15 lks. wide, bears N.N.E.
8.40	Wash, 10 lks. wide, bears N.N.E.
13.50	Ridge, bears N.E. Descend.
15.40	Wash, 20 lks. wide, course N.E.
17.50	Ridge, bears N.E. Descend.
19.25	Wash, 5 lks. wide, course N.E. Ascend.
23.50	Ridge, bears N.E.
25.50	Descend abruptly. Hill sloping N.W.
30.30	Wash, 75 lks. wide, bears N.E. Ascend.
31.65	N.W. cor. of Capt. Charles Dupont's house, bears S. 52°- 30' W.
40.00	Set a porphyry stone 6 x 12 x 24 ins., 18 ins. in the ground for 1/4 cor. bet. secs. 15 and 16, marked 1/4 on W. face; and raise a mound of stones, 2 ft. base, 2 ft. high, W. of cor. Pits impracticable. From this station the N.W. cor. of Capt. Charles Dupont's house, bears S. 28°-13' W.
53.50	Ridge, bears N.E.
55.50	Trail, bears S.E.
55.80	Wash, 25 lks. wide, bears W. Ascend hill sloping S.W.
60.00	Top of hill. Over rolling ground.
70.00	Top of hill.
75.30	Wash, 10 lks. wide, bears E.
79.00	Top of hill, descend gradually.
80.00	Set a porphyry stone 8 x 8 x 14 ins., 10 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked with 4 notches on the S. and 3 notches on the E edges; 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, mountainous. Soil, sandy 3rd rate. Timber, cacti and mesquite. Mountainous land, 80.00 chs.

Chains August 20th, 1904; At this cor. I set off $12^{\circ}-25'$ N. on the decl. arc, and at 12 h., observe the sun on the meridian, the resulting lat. is $32^{\circ}-36'$ N.

At 2 p.m., l.m.t., I set off $32^{\circ}-36'$ on the lat. arc, $12^{\circ}-23-1/2'$ on the decl. arc and determine a true meridian with the solar.

N. 89 59' E. bet. secs. 10 and 15.

40.00 Set temp. 1/4 cor.

80.00 Cor. 10, 11, 14 and 15 bears south 2 lks. dist.; from which I run west on a true line bet. secs. 10 and 15 over sharply rolling land.

20.00 End of dense mesquite underbrush.

21.00 Wash, 10 lks. wide, bears N.N.E.

29.72 Trail, bears S.S.W.

34.70 Wash, 10 lks. wide, bears N.E.

35.00 Leave dense undergrowth.

40.00 Set a red granite stone, 8 x 12 x 18 ins., 12 ins. in the ground for 1/4 cor. bet. secs. 10 and 15, marked 1/4 on the N. and raise a mound of stones 2-1/2 ft. base, 2-1/2 ft. high N. of cor.

Pits impracticable. Ascend.

45.00 Small hill, bears N.E. Descend over rolling land.

60.60 Trail bears south.

68.00 Wash, 10 lks. wide, bears E.N.E. Ascend slope bearing S.E.

75.00 Top of hill thence over rolling *ground*

80.00 Cor. 9, 10, 15 and 16.

Land, mountainous and sharply rolling.

Soil, 3rd rate.

Timber, undergrowth of mesquite, cacti and palo verde.

Mountainous land, 80.00 chs.

Dense undergrowth 15 chs.

Good grazing.

August 20th, 1904 .

Chains August 21st, 1904; At 7 h. 15 m., a.m., l.m.t., I set off
~~32~~ ^{32.36} N. on the lat. arc, ~~12~~ ¹² 10' N. on the decl. arc,
 and determine a true meridian with the solar at the cor.
 of secs. 9, 10, 15 and 16.

Thence I run
 N. 0° 10' W. bet. secs. 9 and 10.

5.40 Trail and top of hill, bear S.W.

14.60 Wash, 20 lks. wide, bears W. Ascend.

22.65 Road to Oracle, bears W.

40.00 Set a granite stone 5 x 10 x 18 ins., 12 ins. in the
 ground for 1/4 cor. bet. secs. 9 and 10, marked 1/4 on
 W. face; dig pits, 18 x 18 x 12 ins., N. and S. of
 stone, 3 ft. dist.; and raise a mound of earth, 3-1/2 ft.
 base, 1-1/2 ft. high, W. of cor.

From this cor. a mesquite 5 ins. diam. bears N/ 25° E. 26
 lks. dist. marked 1/4 S. 10 B.T.

46.00 Descend hill, sloping N.W.

51.00 Wash, 100 lks. wide, bears N.E. Ascend.

55.00 Top of hill. Descend.

56.60 Wash, 20 lks. wide, bears N.E.

59.00 Ascend.

61.50 Top of hill Descend.

65.20 Wash, 15 lks. wide, bears E.

80.00 Set a granite stone 6 x 7 x 16 ins., 11 ins. in the
 ground for cor. of secs. 3, 4, 9, 10, marked with 5
 notches on the S. and 3 notches on the E. edges; and
 raise a mound of stone 2 ft. base, 2 ft. high, W. of cor.

From this cor., A mesquite 8 ins. diam. bears S. 57
 15' W. 3.39 chs. dist. marked T.10 SR.16 E. S.9, B.T.

A mesquite 5 ins. diam. bears N. 58° 45' W. 1.29
 chs. dist. marked T.10 S., R.16 E., S.4, B.T.

A mesquite, 5 ins. diam. bears S. 29° 15' E., 1.24
 chs. dist. marked T.10 S., R.16 E., S. 10, B.T.

No other trees available.

This cor. is situated near the top of a prominent hill.
 Land, mountainous.
 Soil, sandy 3rd rate.

Chains

Timber, scattered cacti and mesquite.

Mountainous land, 80.00 chs.

Cloudy, impossible to observe for lat.

on a random line

East bet. secs. 3 and 10.

40.00 Set temp. 1/4 cor.

80.00 Cor. 2, 3, 10, 11, bears S. 8 lks. dist.; from which I
run N. 89° 57' W. bet. secs. 3 and 10 over sharply
rolling land.

5.20 Wash, 15 lks. wide, bears N.

11.70 Wash, 20 lks. wide, bears N.E.

22.00 Enter dense mesquite undergrowth.

24.00 Small wash, 10 lks. wide, bears E.N.E. Ascend.

25.00 Leave dense mesquite.

31.85 Top of ridge, bears N.N.E.

40.00 Set a granite stone 6 x 8 x 14 ins., 10 ins. in the
ground for 1/4 cor. bet. secs. 3 and 10, marked 1/4 on
N. face; dig pits 18 x 18 x 12 ins., E and W of stone
3 ft. dist. and raise a mound of earth 3-1/2 ft. base
1-1/2 ft. high N. of cor.

53.30 Small wash, bears N.N.E.

54.32 Trail, bears S.

59.50 Ridge, bears N.E.

62.00 Important wash, 60 lks. wide, bears N.E.

68.20 Small wash, bears E.S.E.

80.00 The cor. of secs. 3, 4, 9, 10.

Land, sharply rolling.

Soil, 3rd and 4th rate.

Scattering undergrowth of catclaws, mesquite and palo
verde. Good grazing.

Mountainous land, 80.00 chs.

Dense undergrowth 3.00 chs.

Chains N. 0° -10' W. on a random line bet. secs. 3 and 4.

40.00 Set temp. $1/4$ sec. cor.

83.78 Intersect N. bdy. of Tp. 5 lks. W. of the cor. of secs. 3, 4, 33 and 34, previously established by me.

Thence I run

S. 0° -8' E. *Course E.*

12.48 Wash, 20 lks. wide, Ascend.

21.20 Top of hill. Descend.

24.80 Bottom. Ascend gradually.

26.30 Top of hill. Descend hill sloping S.W.

32.00 Road to Oracle. Bears W.

42.30 Top of hill, bears E. Descend.

43 78 Set a granite stone 7 x 12 x 18 ins., 12 ins. in the ground for $1/4$ cor. bet. secs. 3 and 4, marked $1/4$ on the W. face; dig pits, 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist.; and raised a mound of earth $3-1/2$ ft. base, $1-1/2$ ft. high, W. of cor.

Continue descent.

45.80 Wash, 30 lks. wide, bears E.N.E. Ascend.

47.80 Top of hill. Descend hill sloping S.E.

53.10 Pass by west side of prominent pile of boulders.

65.30 Left bank of large wash, bears N.E.

66.40 Right bank. Ascend hill sloping N.W.

68.80 Top of hill.

71.75 Descend.

73.50 Trail, bears N.W.

83.78 Cor. of secs. 3, 4, 9, and 10.

Land, mountainous.

Soil, 2nd and 3rd rates.

Timber, scattered mesquite and cacti.

Mountainous land, 80.00 chs.

August 21st, 1904.

Chains

- August 22nd and 23rd, 1904. Raining continually.
- August 24th, 1904; From cor. of secs. 16, 17, 20 and 21 previously established by me, I run N. 0 10' W. bet. secs. 16 and 17 over roughly rolling country.
- 1.65 Road to Southern Belle Mines, bears S.E.
- 2.35 Wash, 15 lks. wide, bears N.E.
- 6.10 Wash, 25 lks. wide, bears E.
- 14.20 Intersect side line of patented mining claim "Independent"; lot No.45; cor No.6, bears S. 36° 00' E., 31 lks.dist.
- 16.80 Two corrals bear west about 1.60 chs.
- 17.50 Wash, 10 lks. wide, bears N.E.
- 20.90 Same wash, bears N.W. Thence over spur with great boulders of granite.
- 25.00 Granite Ranch house, bears west about 5.50 chs. dist.
- 25.90 Main wash, 30 lks. wide, with large boulders, bears E.N.E.
- 29.73 N.W. cor. of Granite Ranch house bears S. 43° 53' W. > 40' N.W. Cor. Leave Independent mining claim: ~~side line bears N. 36°~~ W. 9.83' A
- 33.75 Wash, 10 lks. wide, bears S.E.
- 37.10 Trail, bears S.W.
- 39.50 Wash, 10 lks. wide, bears N.E.
- 40.00 Set a quartz stone 5 x 6 x 16 ins. 11 ins. in the ground for 1/4 cor. bet. secs. 16 and 17, marked 1/4 on the west face; raise a mound of stones 2 ft. base, 2 ft. high, W. of cor.; pits impracticable.
- August 24th, 1904; I set off 11 7' N. on the decl. arc and 32° 35.5' N. on the lat. arc, and at 9 h. 35 m. a. m., l.m.t., I determine a meridian with the solar at the 1/4 cor. bet. secs. 16 and 17.
- 42.05 Road to Granite Ranch, bears S.W.
- 55.90 Wash, 15 lks. wide, bears E.
- 76.10 Prominent wash, 30 lks. wide, bears E.
- 80.00 Set a granite stone 8 x 8 x 18 ins. 12 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked with 4 notches on E. and 4 hotches on S. edges; raise a mound of stone, 2-1/2 ft. base, 2-1/2 ft. high, W. of cor.; pits impracticable.
- Land, mountainous; soil 4th rate; timber, oak and mesquite; good grazing.

Chains

- Mountainous land, 80.00 chs.
 N. $89^{\circ}-59'$ E. ^{on a false line} bet. secs. 9 and 16.
- 40.00 Set temp. $1/4$ sec. cor.
- 79.98 Cor. to secs. 9, 10, 15 and 16.
 Thence I run S. $89^{\circ}-59'$ W. ^{on a true line} bet. secs. 9-16. Ascend.
- 5.00 Top of hill. Descend.
- 7.60 Trail bears south.
- 27.35 Road bears south.
- 29.30 Road bears S.W.
- 39.99 Set granite stone 6 x 6 x 16 ins. 12 ins. in the ground for $1/4$ cor. bet. secs. 9-16, marked $1/4$ on N. face and build a mound of stones, 2 ft. base, $2-1/2$ ft. high N. of cor. U.S.M.M. No. 2, bears N. $10^{\circ}-30'$ E., 26.53 chs. dist., from which the south center end monument of the Lone Star Patented Min. claim bears N. ^{74°} $47-1/4$ E. 14.84 chs. dist.
- 44.10 Wash, 15 lks. wide, bears N.E.
- 46.00 Road bears south.
- 54.15 Trail bears south. Ascend.
- 59.00 South end of ridge, sloping south to wash.
- 64.30 Trail 5 ft. wide, bears south.
- 79.98 Cor. ^{Deco} 8, 9, 16 and 17.
- Land, mountainous; soil 3rd rate; undergrowth, cacti and mesquite; good grazing.
- Mountainous land, 79.98 chs.
-
- N. $0^{\circ}-10'$ W bet. secs. 8-9 over sharply rolling and mountainous land.
- 16.40 Wash, ~~80~~ lks. wide bears N.E. Road to Bonita Camp bears S.W. August 24th, 1904; At 12 h. 0 m., l.m.t., I set off $11^{\circ}-4.5'$ N. on the decl. arc and determine a lat. with the solar; the resulting lat. is $32^{\circ} 36'$ N.
- 30.80 Road to Bonita Camp bears S.E. Ascend hill sloping S.W.
- 36.50 Top of ridge of spur. N.W. cor. of American Flag Ranch house bears N. 47° E. Descend abruptly.
- 40.00 Point for $1/4$ sec. cor. falls in wash. (American Flag) 40 lks. wide. This wash bears E.N.E.

- Chains
- 40.40 Road to Bonita Camp bears W.S.W.
- 42.00 Set a granite stone 5 x 10 x 16 ins. 11 ins. in the ground
for witness ^{corner} ~~point~~ to 1/4 cor. bet. secs. 8 and 9 ^{marked w. 1/4 on W. face} from
which
- An oak, 14" in diam. bears S. 41° 15' W. 1.09 chs.
dist. marked ^{W.C.} 1/4 S. 8 B.T.
- An oak 18" diam. bears N. 88 30' E. 2.40 chs. dist.
marked ^{W.C.} 1/4 S. 9 B.T.
- At this point the American Flag house bears E.N.E. 11.5
chs. dist. Ascend rapidly.
- 51.00 Top of hill.
- 64.30 Wash, 5 lks. wide, bears N.E.
- 80.00 Point for cor. to secs. 4, 5, 8, and 9 falls on bank of wash;
therefore at
- 81.00 Set a quartzite stone 10 x 13 x 15 ins. 10 ins. in the
ground for witness cor. to secs. 4, 5, 8 and 9, marked
W.C. on N.E. face, 4 notches on E. and 5 notches on S.
edges; raise a mound of stone 2-1/2 ft. base, 2 ft. high
west of cor.; from this cor
- An oak 20" diam. bears N. 17° E. 56 lks. dist., marked
W.C. T. 10 S, R. 16 E. S 4, B.T.
- An oak, 8" diam., bears S. 46° E. 67 lks. dist.
marked ^{W.C.} T. 10 S, R. 16 E. S. 9, B.T.
- No other trees within limits*
Land, mountainous; soil 3rd and 4th rates, stony.
Timber, oak, mesquite and manzanita.
Mountainous land, 80.00 chs.
- August 24th, 1904.
-
- August 29th, 1904. Continuous rain since the evening
of August 24th, 1904.
- N. 89° 59' E. ^{on a random line} bet. secs. 4 and 9.
- 40.00 Set temp. 1/4 cor.
- 80.04 Cor. to secs. 3, 4, 9, 10, bears N. 4 lks. dist. Therefore I
run from this cor. S. 89° 57' W. on a true line.
- 11.80 American Flag wash, 60 lks. wide, bears N.E.
- 28.50 Wash, 20 lks. wide, bears N.E.

Chains
40.02

Set a granite stone 8 x 10 x 13 ins. 10 ins. in the ground for 1/4 cor. bet. secs. 4 and 9, mark 1/4 on the N. face, and raise a mound of stones 2-1/2 ft. high, 2-1/2 ft. base, N. of cor. From this cor

An oak, 13" diam. bears N. 2° E. 3.80 chs. dist.

marked 1/4 S. 4, B.T.

rather than within link.

August 29th, 1904: At 9 h. 30 m., a.m., l.m.t., I set off 9° 22' N. on the decl. arc and 32° 37' N. on the lat. arc and determine a meridian at 1/4 cor. bet. secs. 4 and 9.

- 46.95 Wash, 15 lks. wide, course N.E.
 57.25 Road to American Flag ranch bears S.
 77.70 Ridge bears N.
 80.04 Cor. to secs. 4, 5, 8 and 9.
 Land, mountainous; soil, 3rd and 4th grade; timber, mesquite and cacti; some grass.
 Mountainous land, 80.00 chs.

N. 0° 10' W. on a random line bet. secs. 4 and 5 over roughly rolling country.

- 40.00 Set temp. 1/4 cor.
 83.95 Intersect N. bdy. of T.10 S. R. 16 E. 5 lks. W. of cor. to secs. 4, 5, 32, 33.
 Thence I run
 S. 0° 12' E. on a true line bet. secs. 4 and 5.
 17.45 Wash, 30 lks. wide, bears N.E. by E.
 30.50 Low ridge, bears N.E. by E.
 36.60 Road to Oracle, bears W.
 43.95 Set a granite stone 8 x 8 x 12 ins. 8 ins. in the ground for 1/4 cor. bet. secs. 4 and 5, marked 1/4 on W. face, and raise a mound of stones, 2-1/2 ft. base, 2-1/2 ft. high, W. of cor.; pits impracticable.
 45.65 Wash, 10 lks. wide, bears E.N.E.
 74.75 Trail bears S.E.
 82.95 W. C. to cor. of secs. 4, 5, 8 and 9.
 Land, mountainous; soil 3rd and 4th rate; timber, scattered

Chains

oak and mesquite; good grazing.

Mountainous land, 83.95 chs.

- August 29th, 1904; At the cor. of secs. 18, 19, 20, and 17, previously established by me, I set off $9^{\circ} 19.5' N.$ on the decl. arc, and at 12h 0m, l.m.t., I observe the sun on the meridian; the resulting lat. is $32^{\circ} 35' N.$ from this cor. I run
- N. $0^{\circ} 11' W.$ on a line bet. secs. 17 and 18. Descend over roughly broken ground. Dense undergrowth.
- 24.80 Center of large draw and wash 50.00 lks. wide, bears E.
- 28.40 Small wash, bears S.E.
- 40.00 Set a granite stone 7 x 7 x 22 ins. 16 ins. in the ground for $1/4$ cor. bet. secs. 17 and 18, marked $1/4$ on W. face; from this cor. Bonita Mining Camp bears E. by S. about 30 chs.
- An oak, 24" diam. bears S. $69^{\circ} E.$ 8 lks. dist. marked $1/4$ S. 17, B.T.
- An oak, 16" diam. bears N. $23^{\circ} W.$ 64 lks. dist. marked $1/4$ S. 18, B.T.
- 40.55 Trail bears S.E.
- 42.00 Large wash, 50 lks. wide, bears S.E. Ascend steep bank.
- 50.25 Trail S.E.
- 52.00 Top of ridge, bears S.E.
- 68.80 Wash, 10 lks. wide bears E.S.E. Ascend.
- 77.50 Small wash, S.S.E.
- 80.00 Set a quartzite stone 10 x 10 x 12 ins. 8 ins. in the ground for cor. to secs. 7, 8, 17, 18, marked with 4 n notches on the S. and 5 notches on the E. edges; from which
- An oak, 25" diam. bears N. $19^{\circ} 15' E.$ 90 lks. dist. marked T. 10 S. R. 16 E., B.T.
- An oak, 9" diam. bears N. $39^{\circ} 15' W.$ 91 lks. dist. marked T. 10. S. R. 16 E., S. 7, B.T.
- An oak, 8" diam. bears S. $61^{\circ} W.$ 57 lks. dist. marked T. 10. S. r 16 E., S. 18, B.T.
- An oak, 9" diam. bears S. $54^{\circ} 15' E.$ 89 lks. dist. marked T. 10 S. R. 16 E. S. 17, B.T.

Chains

Land, mountainous, thickly wooded and with dense undergrowth; soil, 4th rate, rocky; timber, oak, mesquite, also undergrowth of mesquite, manzanita and oak.

Mountainous land, 80.00 chs.; densely wooded, 80.00 chs.

August 29th, 1904.

Sept. 23rd, 1904: From cor. of secs. 7, 8, 17, 18, I run N. 89° 59' E. on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.00 Cor. of secs. 8, 9, 16, 17 bears S. 2 lks. therefore I run W. on a true line bet. secs. 8 and 17.

1.50 Top of small ridge, bearing S.E. Descend along roughly rolling land.

8.05 Road bears S. Ascend

13.00 Ridge, bears S.

17.40 Trail and wash, bear S.E.

22.00 Same wash, bears E.N.E.

27.50 Same wash, bears E.S.E. Ascend hill sloping N.N.E.

40.00 Set a granite stone 6 x 9 x 15 ins. 10 ins. in the ground for 1/4 cor. to secs. 8 and 17, marked 1/4 on N. face; raise a mound of stones, 2-1/2 ft. base, 2 ft. high, N. of cor.

An oak, 9" diam. bears N. 21° 15' E. 1.30 chs. dist.

marked 1/4 S. 8, B.T.

41.20 Ridge, bears E.S.E. Descend.

45.30 Wash, 10 lks. wide, bears E.S.E. Ascend along a rough bed of wash.

54.00 Leave wash, ascend hill sloping N.N.E.

59.00 Top of prominent hill covered with boulders.

76.80 Top of high hill. Descend.

80.00 Cor. to secs. 7, 8, 17, 18.

Land, mountainous; soil, 4th rate, stony; some oak timber; scattering undergrowth.

Mountainous land, 80.00 chs.

Chains

September 23rd, 1904; I set off $0^{\circ}5'$ S. on the decl. arc $32^{\circ}36'$ N. on the lat. arc, and at 10 h. 0 m., a.m., 1. m.t., determine a meridian at cor. of secs. 7, 8, 17, 18. Thence I run S. $89^{\circ}59'W$ on a random line bet. secs. 7 and 18.

40.00 Set temp. $1/4$ cor.

79.30 Intersect W. bdy. of T. 10 S. R. 16 E. 2 lks. S. of cor. to secs. 7, 12, 13 18. Thence I run E. on a true line bet. secs. 7 and 18. Ascend steep slope covered with dense undergrowth.

14.40 Top of spur, bearing W. by N. Ascend steep wooded slope.

22.00 Top of prominent ridge, forming divide bet. San Pedro and Canada del Oro.

23.35 Condon trail N.

Descend over mountainous land densely wooded.

26.50 Small gulch bears S.E. Ascend abruptly.

27.30 Top of abrupt ascent.

32.00 Leave dense undergrowth of oak, thence down N. bank of wash.

32.90 Cross wash 10 lks. wide, bears E.S.E. Ascend along steep bank.

39.00 Set a granite stone 5 x 10 x 16 ins. 11 ins. in the ground for $1/4$ cor. bet. secs. 7 and 18, marked $1/4$ on N. face. Erect a mound of stones, from this cor.

An oak, 6" diam. bears N $42^{\circ}E$. 33 lks. dist. marked $1/4$ S. 7, B.T.

An oak, 14 ins. diam, bears S. 71 lks. dist. marked $1/4$ S. 18, B.T.

Descend bank

41.40 Enter dense oak, follow down wash, 10 lks. wide.

48.00 Leave wash and dense undergrowth of oak. Ascend bank.

50.00 Wash, 8 lks. wide, bears S.S.E. Ascend.

58.30 Top of ridge, bearing S.E. Descend.

63.30 Wash, 15 lks. wide, bears S.E.

67.50 Top of ridge, bears S.S.E. Descend.

71.30 Wash, 10 lks. wide, bears S.

79.00 ~~79.30~~ Cor. 7, 8, 17, 18.

Chains

- Land, extremely mountainous; soil, 4th rate, rocky; timber, oak and manzanita. Some grass.
- Mountainous land, 79.00 chs.; densely wooded land 47.00 chs.
- At 12 h. 0 m., the sun being obscured by clouds, an observation for lat. is impossible.
- N. $0^{\circ} 11'$ W. on a true line, bet. secs. 7 and 8. Ascend hill sloping S.W. Scattered undergrowth and mountainous land.
- 5.00 Top of hill, bears S.E. Descend through dense undergrowth of oak.
- 16.70 Wash, 10 lks. wide, bears N.E. Ascend.
- 24.50 Top of ridge, bears S.E. Descend.
- 32.00 Wash, 25 lks. wide, bears E.
- 34.00 Tributary gulch bears S.E.
- 40.00 Point for $1/4$ cor. bet. secs. 7 and 8 falls on boulder in place 4 ft. by 5 ft. by 12 ins. above ground, marked with a cross (X) with $1/4$ on the N. side; from which
- A dead oak, 18" diam. bears N. 56° W. 16 lks. dist. marked $1/4$ S. 7, B.T.
- An oak, 6 ins. diam, bears S. 56° E. 69 lks. dist. marked $1/4$ S. 8, B.T.
- 42.00 Descend over rocky land.
- 44.30 Rocky gulch, bears E.
- 55.00 Begin descent over rough, side hill, sloping E. covered with dense undergrowth of oak.
- 80.00 Set a quartzite stone 10 x 12 x 18 ins. 12 ins. in the ground for cor. to secs. 5, 6, 7 and 8, marked with 5 notches on the south and east edges. From this cor.
- An oak 12" in diam. bears S. 69° E. 30, lks. dist. marked T.10 S., R.16 E, S. 8, B.T.
- An oak, 12" diam bears N' 48° E. 1.52 chs. dist. marked T.10 S, R. 16 E. S 5, B.T.
- An oak, 4" diam. bears N' 66° W. 16 lks. dist. marked T. 10 S. R. 16 E. S.6, B.T.
- An oak, 5" diam. bears S. $36^{\circ} 15'$ W. 65 lks. dist. marked T.10 S. R.16 E., S. 7, B.T.

Chains

Land, very mountainous; soil 4th rate, rocky; timber, oak; some grass.

Mountainous land, 80.00 chs.

Sept. 23rd, 1904.

Sept. 24th, 1904; From cor. of secs. 5,6,7,8 I run E. on a random line bet. secs. 5 and 8.

40.00

Set temp. 1/4 sec. cor.

80.02

Witness cor. for cor. to secs. 4,5,8,9, bears N. 1.04 chs.

Therefore from the true cor. of secs. 4,5,8,9, I run S. 89° 58' W. on a true line bet. secs. 5 and 8.

0.25

Wash, 12 lks. wide, bears N.E. Ascend prominent peak .

25.00

Top of ridge, bears N. and S. Important land mark of American Flag Ranch. Descend

32.00

Bottom thence over small gulches and ridges bearing S.

40.01

Set a quartzite stone 6 x 12 x 20 ins. 15 ins. in the ground for 1/4 cor. bet. secs. 5 and 8, marked 1/4 on N. face and raise a mound of stone 2-1/2ft. base 2-1/2 ft. high N. of cor.,

49.00

Ridge bears S.W. Descend along ridges and gulches sloping N.N.W.

63.50

Wash of prominent valley, 80 lks. wide, course N.E.

Ascend side hill covered with boulders, sloping S.E.

73.70

Peak of great boulders. Descend into wooded valley.

Small slope N.W.

80.02

Cor. of secs. 5,6,7,8, Soil 3^d & 4th rate. *Wash and 70.02 chains*

Sept. 24th, 1904; At 10 a.m., l.m.t., I set off 0° 28' S. on decl. arc and 32° 37' N. on lat. arc and determine a meridian with the solar at the cor. of secs. 5,6,7,8, Thence I run W. on a random line bet. secs. 6 and 7.

40.00

Set temp. 1/4 cor.

78.80

Intersect W. bdy. T. 10 S. R. 16 E. 6 lks. S. of cor. of secs. 1,6,7,12, therefore from this point I run N. 89° 57' E. on a true line bet. secs. 6 and 7.

Chains	Dense undergrowth and timber of oak. Descend.
0.30	Wash, in gulch with steep banks, course N.W. Ascend steep hill.
11.00	Top of very prominent peak. Leave dense undergrowth and timber. Descend long precipitous slope.
24.80	Cherry Valley wash, 15 lks. wide, bears N.N.E. Ascend over wooded ridges and gulches sloping N.
38.80	Set a quartz stone 5 x 12 x 20 ins. 15 ins. in the ground for 1/4 cor. bet. secs. 6 and 7, marked 1/4 on N. face; from which <p style="margin-left: 40px;">An oak, 12" diam. bears S. 6° 30' W. 50 lks. dist. marked 1/4 S. 7, B.T. An oak, 10" diam. bears N. 7° 45' W. 37 lks. dist. marked 1/4 S. 6, B.T.</p>
39.50	Top of ridge, bears N.N.E. Leave dense undergrowth. Descend.
42.30	Foot. Ascend.
44.80	Top of ridge, bears N.E.
50.80	Enter flat of valley. Oak and mesquite.
65.00	Wash, quite prominent 30 lks. wide, bears N.E.
71.80	Leave flat of prominent valley. Thence ascend through dense oak to
78.80	Cor. of secs. 5, 6, 7, 8, Land, mountainous; soil, rocky, 4th rate; timber, oak, manzanita. Mountainous land 59.00 chs.: densely wooded land 53.00 chs. Mountainous or densely wooded, 78.80 chs.

	From cor. of secs. 5, 6, 7, 8, I run N. 0 11' W. on a random line bet. secs. 5 and 6.
40.00	Set temp. 1/4 cor.
83.90	Intersect N. bdy. of T. 10 S. R. 16 E. 16 lks. east of cor. of secs. 5, 6, 31, 32. Therefore I run S. 0° 18' E. on a true line bet. secs. 5 and 6, through densely wooded and mountainous country.
10.45	Wire fence, bears E.N.E.

Chains

11.30 Road bears E.N.E.

14.72 Oracle road, bears W.N.W.

15.40 Wash, 20 lks. wide, bears E

31.5-0 Prominent point covered with boulders.

38.30 Wash, 40.00 lks. wide, bears E.

43.90 Set a granite stone 10 x 10 x 16 ins. 11 ins. in the ground for 1/4 cor. bet. secs. 5 and 6, marked 1/4 on the W. face, from this cor.

An oak, 6" diam. bears N. 61° 15' W. 67 lks. dist. marked 1/4 S. 6, B.T.

An oak, 12" diam. bears N. 36° E. 25 lks. dist. marked 1/4 S. 5, B.T.

55.00 Wash, 20 lks. wide, bears N.E.

65.10 Wash, 30 lks. wide, bears N.E. and runs parallel to line.

83.90 Cor. of secs. 5, 6, 7, 8.

Land, mountainous; densely wooded with oak; soil 3rd and 4th rate.

Mountainous land 83.90 chs.

Densely wooded land, 83.90 chs.

Boundaries of T.10 S., R. 16 E.
Latitudes, departures and closing errors.

Line designated	True b'r'g:	Dist.	Latitudes			Departures:	
			N.	S.	E.	Chs.	Chs.
		Chs.	Chs.	Chs.	Chs.	Chs.	Chs.
N. 3 miles of E. bdy.							0.54 ✓
T. 10 S. R. 16 E.	N. 00 08' W.	243.90	243.90				478.45 ✓
N. bdy. T. 10 S. R. 16 E.	West	478.45					
W. bdy. T. 10 S. R. 16 E.	South	243.90		243.90 ✓			
S. bdy. Subdivision							
T. 10 S., R. 16 E.	N. 89 59' E.	479.1313 ✓		479.13 ✓		0.23 ✓
Convergency			244.03 ✓	243.90	479.13	479.22	
Totals			243.90			479.13	
Errors			0.13			0.09	

General description of T.10 S., R. 16 E. subdivisions.

Soil in northwesterly part is 2nd and 3rd rates, and the grazing is good.

Sec. 6-7-8-18 are extremely mountainous and traversed by several gold bearing quartz veins with granitic country rock. Numerous contact minerals are very abundant. Sec. 6-7-8-17-18 are covered with oak timber and considerable undergrowth. In the S.W. part of sec. 18 there is an extensive outcrop of conglomerate, consisting of large well rounded quartzite pebbles frequently containing particles of free gold.

Camp Bonita, a prospecting gold camp, is located in the southwest 1/4 of sec. 17.

There is one settler in each of the following sections: 5-16-17. Water is found by sinking wells in the beds of the various washes.

William B. Alexander
U.S. Deputy Surveyor
September, 24, 1904.

LIST OF NAMES.

BOOK 1840

A list of the names of the individuals employed by William B. Alexander

....., 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 Subdivisional lines necessary for the survey of the north 18 sections of T10S R16E; S18 Secs of T9S R16E; S 18 Secs of T9S R15E; and Secs 5+6 of T10S R15E. showing the respective capacities in which they acted:

- Frank C. Kelton Chainman.
- Edgar E. Ater Chainman.
- Emmet T. Ford Moundman.
- Jesús Lopez Moundman.
- Frank L. Durlin Axman.
- Axman.
- L. Butcher Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted William B. Alexander

....., United States Deputy Surveyor, in surveying all those parts or portions of the Subdivisional lines necessary for the survey of the north 18 sections of T10S R16E; the S18 sections of T9S R16E; the South 18 sections of T9S R15E; and Secs 5+6, T10S R15E of the Gila and Salt River basins 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 Dist. of Arizona

- Frank C. Kelton Chainman. ✓
- Edgar E. Ater Chainman. ✓
- Emmet T. Ford Moundman. ✓
- Jesús Lopez Moundman. ✓
- Frank L. Durlin Axman. ✓
- Axman.
- L. Butcher Flagman. ✓

Subscribed and sworn to before me this 30 day of October, 1891904

Ralph W. Langworthy
Notary Public
Pinal County

Notary Commission Expires
Sept 24 '06.

I, William B. Alexander, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for District of Arizona, bearing date of the 13 day of June, ~~189~~ 1904, 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 subdivisional lines necessary for the survey of the north 18 sections of T10S, R16E; the south 18 sections of T9S, R16E; the south 18 sections of T9S, R15E; and Sections 5 and 6, T10S, R15E. of the Gila & Salt River base and meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for District of 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.

William B. Alexander
United States Deputy Surveyor.

Subscribed by said William B. Alexander and sworn to before me

this 1 day of December, ~~189~~ 1904

My Comm. Exp. Sept 24 '06



Ralph W. Langworthy
Notary Public

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Oct. 10th 1905, 189

The foregoing field notes of the survey of the subdivisions of T10S, R16E, of the Gila and Salt River Base and Meridian in the Territory of Arizona

executed by Wm B. Alexander, U. S. Deputy Surveyor under his contract No. 117, dated June 13th 1904, ~~189~~, 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. 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.