

1923

Book "D"

1923

Sept. 23, 1904

1923

BOOK 1923

FIELD NOTES

OF THE SURVEY OF THE

South, East, West and North
Boundaries of
T. 10 North, R. 11 East

~~South, East and North
Boundaries of
T. 10 North, R. 10 East~~

1923

1923

Of the Gilg's Last River Meridian,

District of Arizona

AS SURVEYED BY

Wesley E. Pokes, United States Deputy Surveyor,

Under his Contract No. 116, dated April 15, 1904, 189

Survey commenced July 2, 1904, 189

Survey completed July 15, 1904, 189

6-161

1923

1923

1923

NAMES AND DUTIES OF ASSISTANTS.

BOOK 1923

Ronald Sturmy, Chairman

Virgil A. Cook

Orval Gilstrap, member

BOOK 1923

*Notes Index on front cover of
Book Standard Co.*

INDEX DIAGRAM.

Township....., Range.....

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
		<i>over</i>			
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

71 B
BOOK 1923

WE, Ronald Stevenson and Virgil S. Deal
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 N. T. C. and H. R. Dwyer of T. 15 N., R. 11 E. and N. 1 S. and H. R. Dwyer. T. 15 N., R. 11 E. and N. 1 S. and H. R. Dwyer. Ronald Stevenson Chainman.
Virgil Deal Chainman.

Subscribed and sworn to before me this end }
day of July, 1904 189 } ✓



Irwin C. Oaker
U. S. Dept. Surveyor

WE, I, Ernest Gilstrap 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 _____, 189 }



WE, I, Ernest Gilstrap 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 N. T. C. and H. R. Dwyer of T. 15 N., R. 11 E. and N. 1 S. and H. R. Dwyer. T. 15 N., R. 11 E. and N. 1 S. and H. R. Dwyer. Ernest C. Gilstrap Axman.
_____, Axman.

Subscribed and sworn to before me this end } ✓
day of July, 1904 189 }



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 _____, 189 }



Irwin C. Oaker
U. S. Dept. Surveyor

Book 1

BOOK 1923
Index

	31	32	33	34	35	36	
	(31)	(32)	(33)	(34)	(35)	(36)	
(22) 6		55 3	56 4	3	2	1	106
(25) 7						12	(2) 7
(24) 18						13	(5) 18
(23) 19						24	(5) 19
(22) 30						(2)	
(21) 31		32	33	34	35	36	30
(2) 6	58	(3) 59	60	(4) 4	(5) 3	(6) 2	1

Survey commenced on July 2nd, 1904, and executed with a theodolite L. D. Gurley firm improved light repeating transit No. 80, with reflex attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to 80" of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested for the meridian at Stokholm, Alaska, by Geo. W. Campbell, Civil Engineer, and found correct on June 1, 1904. In examining the adjustments of the instrument and finding no level or collimation errors, they to test the error of parallax by comparing its indications, resulting from solar observations made during P.M. and A.M. hours, with a true meridian, determined by observations on Polaris, as per the following:

At my camp, 8000 ft. N. of the base of Mt. St. Elias, U. S. G. P. R. 10 and U. S. G. P. R. 11, latitude $64^{\circ} 10'$, longitude $151^{\circ} 10'$.

BOOK 1923

at 10° 10' W. on the lat. arc;
22° 00' W. on the def. arc;
and at 4^h 10^m p.m. (M.T.)
determine a meridian with
the solar and mark a point
thereof, by cutting a small
groove for a stone, 5 chs.
W. of my station.
July 2, 1904.



July 3. At ~~12^h 41^m~~ ^{12^h 41^m} a.m.
by my watch, which
is correct with M.T.
observe Polaris at eastern
elongation, in accordance
with Manual of Instructions
and mark a point there-
of by driving a ~~peg~~ in
a peg set firmly in the
ground, 5 chs. W. of my
station.

At 2^h 10^m a.m. (M.T.)
I lay off the azimuth of
Polaris, 12 67' to the west
and mark the meridian
thus determined, by cutting
a small groove in the
stone, already set 5 chs. W.
of my station, on which the
meridian falls 0.4 ins.
east of the mark deter-
mined by the solar.

At 2^h 50^m a.m. (M.T.)
I set off 04° 10' W. on the
lat. arc; 22° 00' W. on the
def. arc; and determine
a meridian with the
solar, and mark a point
in the line thus deter-

mined, by cutting a small chip of the stone already set 5 chs. N. of my station; this mark falls 0.8 ins. east of the meridian established by the Polaris observations. The solar apparatus by P.M. and A.M. observations, defines positions for meridians, respectively about 0' 21" west and 0' 10" east of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the transit are satisfactory.

The magnetic bearing of the true meridian, at 9:00 A.M. L.M.T., is $14^{\circ} 21'$; the angle thus determined gives the mean magnetic declination $14^{\circ} 21' E.$

~~~~~

I commence at the cor. of T. 36, R. 10 E. and 107, R. 10 and 11 E., established by me on July 1:

Thence I run East on the S. boundary of S. 107, R. 11 E. Sect. 6 and 31. ascending along S. slope of mountain through scattering timber and dense brush.



76  
BOOK 1923

1400 Foot of ~~stone~~, 200 ft. below cor., Gibson Creek, 20 lbs wide, corner V. S. around.

1800 Spruce, 200 ft. high, corner V. S. trace over small spruce and aspen.

1900 Set of granite stone, 10x10x8 in., 10 in. in the ground, for + sec. cor., marked  $\frac{1}{4}$  on the N. face; from which

A cedar, 8 in. dia, bears N. 50° E, 3/4 the dist, marked  $\frac{1}{4}$  V. S. D. S.

A pine, 6 in. dia, bears N. 44° W, 3/4 the dist, marked  $\frac{1}{4}$  V. S. D. S.

See last page of supplement also notes attached

Note - This cor. is set at 89.51 from the township cor. to allow for emergency.

5200 Spruce, 100 ft. dup, fourth S. H.

5800 Spruce, 200 ft. high, slopes toward the V. S.

5901 Set of granite stone, 10x10x10 in., 10 in. in the ground,

for cor. of secs. 5, 6, 31 and 32, marked with 5 notches on the E. and 1 notch on the N. edges; No trees in limits; raised mound of stone, 2 ft. base, 1 1/2 ft. high, W of cor., pits imperceptible to the cor. stands on a slope of mountain, about 100 ft. above the township cor. Land, mountainous.

Soil sandy and stony; red and partly slate. Timber, scattering junipers and cedar.

Undergrowth, buck brush, sage and willow.  
Mountainous or lands, covered with dense undergrowth, 26.51 ch.

~~~~~

Post bet. sec. 5 and 04. descend along S. slope of mountain through scattering timber and dense undergrowth.

For this mile see page #59 supplemental notes here attached.

15.00 draw, 200 ft. deep, course S. E.

20.00 Spruce, 100 ft. high, slopes toward N. W. descend.

27.00 by bed of creek, 50 lbs. wide, in canyon 400 ft. deep, course S. E. descend.

40.00 Set a granite stone, 10 x 12 x 8 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. 1, cor., marked $\frac{1}{4}$ by the N. face; from which

A pine, 8 ins. dia, base N. 50° E. 24 lbs. dist, marked $\frac{1}{4}$ V O P.

A pine, 10 ins. dia, base N. 50° E. 60 lbs. dist, marked $\frac{1}{4}$ V O P.

60.00 Spruce, 400 ft. high, slopes toward the S. E.

64.00 draw, 100 ft. deep, course S. E.

68.00 Spruce, 100 ft. high, slopes toward the S. E.

70.00 Set a granite stone, 10 x 8 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. 1, cor., marked $\frac{1}{4}$ by the N. face; from which

South boundary of T. 10 N., R. 11 E.

BOOK 1823

x, o, o and o, marked with x notches on the S and o notches on the N. edges; the trees in limits, framed mound of stone, 10 ft. trees, 2 ft. high, W. of cor., pits imperceptible.

This cor. stands on S. slope of mountain, about 100 ft. below the best sec. cor. Land, mountainous.

Soil, sandy and gravelly; red and thin rock. Timber, scattering juniper and cedar.

Undergrowth, buck brush, sage and chophard.

Mountainous land, 5 or 6 acres.

July 6. At this sec. cor., set off 22° 55' N. on the decl. arc; and at 10th 04th p.m., observe the sun on the meridian; the resulting latitude is 34° 09' N. which is correct.

~~~~~

For this mile see page 50 supplemental notes hereto attached

East of sec. 4 and 33 descending along S. slope of mountain, through Great timber, found very undergrowth.

1. 500 ft. deep, course S. E. 15.00 ft. high, slopes toward the S. E. 2000 ft. deep, course S.

4000 ft. a granite stone, 100 ft. in diameter, marking the ground, for 1/2 sec. cor., marked with N. face; the trees in limits

raised mound of stone,  
 3 ft. base, 2 ft. high, N. of  
 cor.; pits impracticable.  
 60.00 Ridge, 250 ft. high, course S.  
 61.00 A stock trail, bears N. and V.  
 62.00 Ravine, 200 ft. deep, course S. E.  
 around.

60.00 1 ft granite stone, 15 x 10 x 5 ins,  
 10 ins. for the ground, for cor.  
 of sec. 3, 4, 33 and 34 marked  
 with 3 notches on the E. and  
 the edges; No trees in limits;  
 raised mound of stone, 2 ft.  
 base, 1 1/2 ft. high, pits  
 impracticable.

Land, mountainous.  
 Soil, sandy and stony; red  
 and grey spots.  
 Timber, scattering under-  
 growth  
 Undergrowth, sage, buck  
 brush and cholla.  
 Mountainous land, land  
 covered with dense under-  
 growth, 800000.

~~~~~

At 3:40 p. m. l. m. f. I set off
 04° 09' N. on the lat. arc;
 22° 07' N. on the decl. arc; and
 determine a meridian with
 the solar at the cor. of
 sec. 3, 4, 33 and 34.
 Thence I run
 East bet. sec. 3 and 34.
 Around along S. slope of
 mountain through
 scattering timber, and
 dense undergrowth

South boundary of T. 10 N., R. 11 E.

BOOK 1923

11.25 draw, 25 ft. deep, course S. 40° W.
25.00 spur, 150 ft. high, slopes N. 40° W.
34.50 same draw, 25 ft. deep, course N. 40° W. toward

40.00 Set a granite stone, 15x10x8 ins., 1/2 in. in the ground, for a sec. cor., marked with the N. face; no trees in limits; raised mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., pits impracticable

45.00 Spur, 200 ft. high, slopes toward the W. E.

50.00 Set a granite stone, 15x12x10 ins., 1 in. in the ground, for cor. of sec.

55.00 2, 3, 4 and 5, marked with 2 notches on the E. side & 4 notches on the N. edges, from which 2 cedars, 1 1/2 ins. dia, base N. 75° W. 260 lbs. dist. marked on T. 10 N. R. 11 E. & 7 1/2 N. to the other trees in limits; raised mound of stone, 2 ft. base, 1 1/2 ft. high S. W. of cor. pits impracticable.

This cor. stands on S. slope of mountain, about 125 ft. below top of a fine land, mountainous.

Soil, sandy and stony, upland and fairly rich. Timber, very scattering juniper, few cedars. Undergrowth, sage, mugwort and *Chrysothrix*. Mountains on land covered with dense undergrowth, *Saxifraga*.

July 10, 1904

July 4. At 7^h 10^m a.m.
 P.M.T. set off $34^{\circ} 10'$ $24^{\circ} 09'$
 on the lat. acc; $22^{\circ} 55'$
 on the decl. acc; and
 determining a meridian
 with the poles of the
 cor. of secs 2, 3, 4 and 5.

5.20 Post bet. secs 2 and 5
 descend along S. slope of moun-
 tain through scattering timber
 and deep undergrowth.

5.20 Foot of descent, 100 ft. below
 cor. bars N. and S.

5.25 ^{Green} Valley Creek, dry bed rocks
 wide, course S. W. around
 the slope of ridge.

5.30 divide between ^{into} Valley
 and Green Valley Creeks, 1000
 ft. high, bars N. and S.

4.00 ^{Falls on sliding ground.}
 40.65 a granite stone 10x10x
 5 ins. 10 ins. in the ground,
 witness

for sec. cor. marked on the
 N. face; the two in line;
 raised mound of stone, 2 ft
 base, 1 1/2 ft. high, N. of cor;
 pits imperceptible

5.25 deep draw, 600 ft. deep, course S. E.

5.25 Top, 200 ft. high, slopes
 toward the S. E.

5.25 Dig strip turf, bars N. E. and S. W.

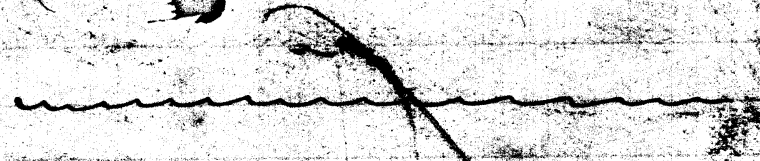
5.00 ~~At~~ true point for cor. of
 secs. 1, 2, 3 and 5
 a stone in place.

At the true point, I set
 a cross on a stone in place, 5x5x
 2 ft. above ground, for cor. of
 secs. 1, 2, 3 and 5; and I
 marked 1 notch on E. side and
 5 notches on the side of cor.

BOOK 1923

No trees in limits; raised a mound of stone, 2 ft. base, 4 ft. high, W. of cor., pits in-
practicably.

Land mountainous.
Soil sandy and stony; red
and white soil.
Timber, very scattering cedar
and poplar.
Undergrowth, small junipers,
rocks, scrub brush, willows
and chaparral.
Mountainous or land covered
with dense undergrowth,
S. obovata



From the cor. of sec. 1, 2, 30 and
36, the township line passes
over the impossible high canyon
of the Ponto River. The
canyon on both sides of the line
for a mile, consists of a succe-
sion of rim rock, bluffs and
steep rocky slides. The land
along the line is not adapted
to agriculture or grazing
therein in particular of
instructions received from
the Surveyor General of Oregon.
I described the survey of
the South Side of T. 10th, R.
11 E. at the cor. of sec. 1, 2,
30 and 36.

In order to regain a point on
the East Side of T. 10th, R. 11 E.,
I ran a line from
the cor. of sec. 1, 2, 30
and 36, I set 7. 100 ch. thence
East, for the following "Dover"

North on a true line
bet. sec. 05 and 06.
Ascend S. slope, over moun-
tainous land through
dense undergrowth.
No timber.
4000 Left a sandstone 18 x 12 x 10 ins.
4 in. in the ground, for $\frac{1}{2}$
sec. 05, marked $\frac{1}{2}$ on the
N. face. Paired mound of
stone, 4 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.; pits impracticable.
5000 ~~Left~~ 500 ft. high, bears
N. pt. and S. pt. ascend
5900 Trip leaf, bears N. C. and S. pt.
2600 saw, 10 ft. deep, curve S. C.
ascend.

8000 Left a granite stone, 15 x 12 x 6
ins, 4 in. in the ground,
for cor. of sec. 05, 06 and
07, marked with notch on
the S. and notch on the N.
~~Left~~ raised mound of stone,
4 ft. base, 4 ft. high, N. of cor.,
pits impracticable.
Land, mountainous
surf; sandy and stony, red
and deep soil.
No timber.
Undergrowth; sage, mesquite
and chaparral.
Mountainous land, or land
covered with dense under-
growth, 5000 ft.

North bet. sec. 05 and 06
Ascend over mountainous
land, through dense
growth

Handwritten note in a circle: "Handwritten note" with a signature and the number "5" below it.

County boundary of T. 10 N., R. 11 E.

BOOK 1923
Subscribed
page 12

- 10.00 Spruce, 150 ft. high, slopes S.E.
 - 20.00 Bear, 100 ft. deep, course S.W.
 - 30.00 Spruce, 200 ft. high, slopes toward the N.W. scattering timber
 - 40.00 Bear, 100 ft. deep, course S.W.
 - 40.00 Set a granite stone, 15 x 10 x 8 in. in, 10 in. in the ground, for sec. cor., marked 1/4 on the N.W. face, raised mound of stones, 2 ft. base, 1 1/2 ft. high, N. of cor., bits imperceptible
 - 50.00 Spruce over spruce and dead.
 - 52.00 Bear, 200 ft. deep course S.W.
 - 26.00 Spruce, 100 ft. high, slopes toward the N.W.
 - 50.00 Set a granite stone, 15 x 10 x 8 in. in, 10 in. in the ground, for cor. of sec. 26, 27, 28 and 29, marked with notches on the S and E sides, from which
 - Q Pine, 8 in. dia, bears S.W. 50° E, 40 lbs. dist, marked T. 10 N. 11 E. 20° W. P.
 - Q Pine, 8 in. dia, bears S.W. 50° E, 40 lbs. dist, marked T. 10 N. 11 E. 20° W. P.
 - Q Cedar, 10 in. dia, bears S.W. 51° E, 20 lbs. dist, marked T. 10 N. 11 E. 20° W. P.
 - Q Cedar, 10 in. dia, bears S.W. 52° E, 20 lbs. dist, marked T. 10 N. 11 E. 20° W. P.
- Land, mountainous
low, sandy and stony, and
and with oak,
Pines, scattering pine and
cedar.
Undergrowth, sage, mesquite
and cholla.

Mountains, or lands covered with dense undergrowth, 80 fochs.

See Book 2084 pages

July 9. At this rec. cor. D put off $22^{\circ} 00'$ N. the decl. asc, and at $10^{\circ} 04'$ in p.m., observe the sun on the meridian. The resulting latitude is $74^{\circ} 11 \frac{1}{2}' N$, which is about $18'$ greater than the proper latitude!



From the cor. of recs. 23, 24, 25 and 26, put established by me, I run

See Book 2084 pages

East on Auxiliary Base line, bet. recs. 27 and 28 around over mountains land, through scattering timber and dense undergrowth.

- 1. 200 ft. high, slopes toward the N.W.
- 2. Run over broken & slope
- 3. 200 ft. deep, course & the
- 4. wood set a granite stone, 18 x 12 x 8 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ of the N. face; from which
- 5. A cedar, 12 ins. dia, bears N. 10° W. 50 lbs. dirt, marked $\frac{1}{4}$ V 27 D P.
- 6. A cedar, 10 ins. dia, bears S. 5° E. 140 lbs. dirt, marked $\frac{1}{4}$ V 28 D P.
- 7. Ridge, 500 ft. high, bears N. P. and S. W. & around

to Point

BOOK 14 1923

See Book 3042, page 44

51.25 Scar, 2 1/2 ft. deep, corner T. E.
60.20 Spur, 2 1/2 ft. high, slopes toward
the T. E. corner.

50.00 Set a granite stone, 26 x 10 x 6
~~in~~ into in the ground,
struck bed rock, and raised
mound of stone around, for
cor. of Secs 19, 24, 25 and 30,
marked with 4 notches on
the N. and 2 notches on the
E. edges. No trees in limits;
raised mound of stone, 3 ft.
base, 1/2 ft. high, N. of cor.,
fits unobstructable.

Land, mountainous.
Soil, stony, with scattered
timber, very scattering
pine and cedar.
Undergrowth, mesquite, sage,
laurel, cactus and cholla.
Mountainous, or lands
covered with dense under-
growth, sorrels.

From the cor. of sec. 10, 11, 12 and 13 just established by me,

I run North on the East bdy. of S. 10 N. R. 11 E. bet. sec. 11 and 12. Around over mountains S. slope, through scattering timber, and dense undergrowth.

to a Ridge, 1000 ft. high, bears N. 10° E. and S. E.

4000 ft. a granite stone, 18 x 18 x 10 in. in the ground, for 1/4 sec. cor. marked 1/4 on the N. face; from which

A juniper, 6 in. dia, bears S. 20° E., 50 lbs. dist, marked 1/4 S. 19 @ P.

A juniper, 10 in. dia, bears N. 10° E., 40 lbs. dist, marked 1/4 S. 20 @ P.

6000 ft. a saw, 800 ft. deep, course S. E. 2000 ft. high, slopes toward the N. E.

6000 ft. a granite stone, 4 x 10 x 10 in. in the ground, struck bed rock, raised mound of stone around, for cor. of sec. 10, 11, 12 and 13, marked with 3 notches on the N. and S. edges, from which

A juniper, 8 in. dia, bears N. 50° E., 90 lbs. dist, marked S. 10 N. R. 11 E. S. 18 @ P.

A juniper, 9 in. dia, bears S. 50° E., 117 lbs. dist, marked S. 10 N. R. 11 E. S. 19 @ P.

A juniper, 10 in. dia, bears N. 10° E., 100 lbs. dist, marked

BOOK 1928

P. 10th D. 11th R. 12th
 A juniper, 6 in. dia, bears
 N. 67° W. for 1/2 mi. dist. marked
 P. 10th D. 11th R. 12th
 This cor. stands on N. slope
 of grassy mountain about
 1000 ft. above the surface
 cor.
 Land, mountainous.
 Soil, sandy and gravelly,
 and and with some
 timber, scattering cedars,
 juniper and P. pine
 Undergrowth, sage and mugwort.
 Mountainside of lands covered
 with dense undergrowth,
 50 fathoms.

North of sec. 10 and 18.
 Dashed E. slope of bold grassy
 mountain through scattering
 timber and undergrowth.

- 21.00 bed of stream 15 lbs. wide,
 in canyon, 400 ft. deep,
 course S. E.
- 05.00 Spruce, 150 ft. high, slopes
 toward the N. E.
- 40.00 Left a granite stone, 15 x 12 x 8
 ins., 10 ins. in the ground, face
 of sec. cor. marked 1/4 on the N. E.
 face; no trees in limits; some
 mound of stone, 10 ft. base,
 1 1/2 ft. high, N. of cor., fits
 imperfectly
- 41.00 Bear, 25 ft. deep, course S. E.
- 46.00 Spruce, 100 ft. high, slopes
 toward the N. E.
- 52.00 Pines, 100 ft. deep, course
 S. E.

2600 Ridge spur, 200 ft. high, slopes toward the S.E. around.

5000 Set an ironstone, 24 x 18 x 14 ins., 14 ins. in the ground. For cor. of sec. 17, 18, 19 and 20, struck bed rock and raised mound of stone around, marked with 4 notches on the N. and 4 notches on the S. edges; No trees in limits; raised mound of stone ~~10 ft. high~~ 2 ft. high. H. of cor. pits impracticable.

Land, mountainous.

Soil, sandy and stony, good and 1/4 the rate. Timber, scattering pine and cedars.

1923

Undergrowth, sage and musquitos.

Mountainous or lands covered with dense undergrowth & rocks.

North of sec. 2 and 14. ~~Divided~~ into ravine on S.E. slope of mountain through scattering timber and undergrowth.

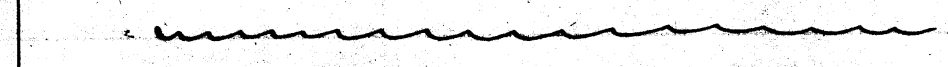
550 Ravine, 200 ft. deep, course S.E. across over grassy mountain.

2125 Ridge spur, 150 ft. high, slope S.W.

4000 Set a granite stone, 18 x 12 x 10 ins., 12 ins. in the ground for cor. sec. 17, 18, 19 and 20, marked with 4 notches on the N. and 4 notches on the S. edges.

BOOK 1923

The st. face; No trees in
 limits; raised mound of
 stone, 2 ft. base, 2 ft. height
 ft. of cor, pits imperceptible;
 4100 Head of draw, 50 ft. deep
 course S. H. around
 5100 Ridge 200 ft. above foot of
 rapine, base Camp H.
 beyond.
 64.25 Ravine, 200 ft. deep, course
 S. 80 E. around.
 5000 Left a granite stone, 10 x 10 x
 10 ft. in size, of timber in place
 ground. For base of nos. 1, 6, and
 7 marked with the notches
 on the N. and S. notches
 on the S. edges; Notes
 in limits; raised mound
 of stone, 2 ft. base, 2 ft.
 height ft. of cor, pits im-
 perceptible.
 Land, mountains
 soft sandy and gravelly,
 and and red slate. Timber,
 very scattering pine,
 cedar and juniper.
 Undergrowth, sage, mesquite
 and chapparal.
 Mountains land, 5000 ft.



North of sec. 1 and 6.
 Around over grassy mountain
 slopes, through dry scattering
 timber and undergrowth
 1.25 Summit of divide between
 Porto River and Camp Valley
 Creek, 1000 ft. above foot of
 River, base Camp H. beyond
 into Camp Valley Ravine.

dry bed of stream, 10 lbs. wide,
fur calms, 1.50 ft. deep,
course N. 60 W. Ascend

Let a gravity stone, 18 x 10 x 6
ins., 1/2 in. in the ground for
cor. of top, 10 ft. N. W.
marked with 11 R 11 E
No trees suitable
for marking in limits;
raised mound of stones,
2 ft. base, 2 ft. high, N. of cor;
fits imperfectly.

Ridge spur, 100 ft. high, slopes
through the N. W. Ascend.

61.25 C. fork of Green Valley Creek,
10 lbs. wide, in canyon,
200 ft. deep, course N. 20 W.
Ascend. S. grassy slope
of mountain.

Let a gravity stone 18 x 10 x 6
ins., 1/2 in. in the ground for
cor. of top, 10 ft. N. W.
As stand 12 C, marked with
6 notches on the N, S, E. and
W. edges; from which
A juniper, 12 ins. dia,
base N. 20 W. 85 lbs. dia,
marked 11 R 11 E
12 C.

A juniper, 14 ins. dia,
base N. 60 W. 100 lbs. dia,
marked 11 R 11 E
12 C.

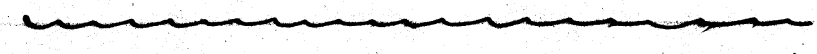
No other trees in limits;
raised mound of stones, 2 ft.
base, 1 1/2 ft. high, N. of cor, fits
imperfectly
This cor. stands on S. slope
of grassy ridge, 400 ft.
above creek.

Land, mountainous
soil, sandy and gravelly

97
20 East boundary of T. 10 N., R. 11 E.

BOOK 1928

2nd and 3rd rate
timber, scattering pine,
spruces and firs
Undergrowth, sage, chopar-
col and willow
Mountainous land; 5000 ft.
July 4, 1904



July 6: At 7^h 10^m a.m., (m.f.),
Went off 04-10 N. on the
lat. arc; 02-45 N. on the decl.
arc; and determining a meridian
with the poles of the arc
of T. 9 and 10 N., R. 10 and 11
E., recently established by
me.

Thence I run
North on West boundary of
T. 10 N., R. 11 E., bet. sec. 01 and 06.

Around over mountainous
land, through scattering timber,
and dense undergrowth.

0100 I run, 25 ft. high, slopes
toward the N. E.

0200 do do, 50 ft. deep, course N. E.

0300 I run, 25 ft. high, slopes
toward the N. E.

0400 do do, 100 ft. deep, course
N. E. Around.

0500 Set a gravity station, 15 x 5 x 6
ins., 15 ins. in the ground,

for $\frac{1}{4}$ sec. cov., marked $\frac{1}{4}$
on the st. face; from which

A pump, 8 ins. dia.,
bore N. 54° E., 48 lbs. dia.,
marked $\frac{1}{4}$ V 01 R. E.

A pump, 16 ins. dia.,
bore N. 20° E., 208 lbs. dia.,
marked $\frac{1}{4}$ V 02 R. E.

0400 I run, 200 ft. high, slopes
toward the N. W.

0500 do do, 100 ft. deep, course
N. W.

0600 I run, 200 ft. high, slopes
toward the N. W.

0700 Run, 200 ft. deep, course
N. W. Over bottom.

Run, 200 ft. deep, dry bed

BOOK 1923

20 lks. wide, course S. E.
Around.
8.00 Set a granite stone 15 x 14 x 8
ins., stone in the ground, struck
bed rock, raised mound of
stone around, for cor. of
secs. 25, 26, 31 and 36 marked
with 5 notches on the N. and
1 notch on the S. edge.
No trees in limits; raised
mound of stone, 2 ft. high,
1 1/2 ft. high, st. of cor., pits
impracticable.

Land, mountainous.
Soil, sandy and gravelly,
and acid red loam.
Timber, pine, cedar and
juniper.

Undergrowth, sage, lupine,
mesquite and chaparral.
Mountainous or lands covered
with dense undergrowth
8.00 a.m.

North of secs. 25 and 30
Around over mountainous
land through, scattering
timber and dense under
growth

2.30 S. spur, 100 ft. high, slopes toward
the S. th.

14.00 Liberty Creek, dry bed, 25 lks
wide, in rain, 100 ft. deep,
course S. th. Turn up
Creek bottom circling and
rearing creek.

2.40 Leave Liberty Creek, come
from the N. th. Over rolling
lands.

40.00 Set of granite stone, 15x10x5
in., 12 in. in the ground, for
sec. cor., marked $\frac{1}{4}$ on the st.
face; no trees in limits;
raised mound of stone, 2 ft.
base, $\frac{1}{2}$ ft. high, st. of cor.,
pits impracticable.

44.00 Spur, 400 ft. above creek bot-
tom, slopes toward the
N.W. toward.

50.00 One hundred ft. below top
of spur,
Set of granite stone, 24x12x8 in.,
6 in. in the ground, stacked
rock, raised mound of stone
2 ft. base, $\frac{1}{2}$ ft. high, st. of
cor.; pits impracticable.
Land, rolling and mountainous.
Soil, sandy and gravelly; and
and soft silt.
Timber, scattering pines,
juniper, cedar and cotton-
wood.
Undergrowth, sage and
willow and rubus etc.
Mountainous or lands covered
with dense undergrowth,
sot rocks



North bet. sec. 19 and 24
crossing over mountainous
land through scattering timber
and dense undergrowth.

50.00 Draw, 100 ft. deep, cross N.W.

53.00 Spur, 100 ft. high, slopes toward
the S.W.

57.00 Draw, 100 ft. deep, cross S.W.

60.00 Set of granite stone, 15x10x5
in., 12 in. in the ground

BOOK 1928

At sec 7, sec 8, marked 7 of
the 11 sec. The trees in limits;
raised mound of stone, 8
ft. base, 1 1/2 ft. high, 1/2 ft. cor.
Pits impracticable.
Good lot of granite stone, 18 x 14
ft. 5 in. 1/2 in. in the ground,
for cor. of sec. 10, 16, 19 and 24.
marked with 2 notches on
the N and S edges. The trees
in limits; raised mound
of stone, 2 ft. base, 2 ft. high,
1/2 ft. cor., pits impracticable.
This cor. stands on N. slope
of grassy mountain.

Land. Mountainous.
Soil, sandy and gravelly,
red and red soil.
Timber, very scattering pine
and cedar. Undergrowth, sage, laurel and
muskvite.
Mountainous or lands covered
with dead undergrowth,
scrubs.

At this sec. cor. Def. 22° 31'
N. on the dial arc; and at
12 h 04 m P.M., observe the sun
on the meridian; the resulting
latitude is ^{34° 17'} 34° 17' N; which is
correct.

Rocky between sec 10 and 16
around one mountainous
land, through very scattering
timber, and dead under
growth, along N. slope of
mountain.
Dodge, 60 ft. above sec. cor.

bears E. and th. around.
02.00 Perpendicular bluffs, 100 ft. high, bear E. and th.

At this point, I set a flag on a tall right, which is visible from the rolling hills to the north.

40.00 Set a granite stone, 10 x 12 x 5 ins., 12 ins. in the ground, Joe rec. cor., marked $\frac{1}{4}$ on the N. face; from which

A pine, 5 ins. dia, bears \angle $76^{\circ}\frac{3}{4}$ E., 10 lbs. dist, marked $\frac{1}{4}$ \angle 18 \angle D. P.

A pine, 10 ins. dia, bears \angle 55° th., 10 lbs. dist, marked $\frac{1}{4}$ \angle 13 \angle D. P.

65.00 Draw, 600 ft. below top of bluffs, course N. E.

70.00 Spur, 100 ft. high, slopes toward the N. E.

80.00 Set a granite stone, 10 x 12 x 6 ins., 12 ins. in the ground, Joe cor. of recs. 1, 12, 16 and 18, marked with 2 notches on the N. and 4 notches on the S. edges; from which

A cedar, 14 ins. dia, bears \angle $27^{\circ}\frac{1}{2}$ E., 29 lbs. dist, marked $\frac{1}{4}$ \angle 10 N. R. 11 E. \angle 15 \angle D. P.

A cedar, 14 ins. dia, bears \angle $59^{\circ}\frac{1}{2}$ E., 20 lbs. dist, marked $\frac{1}{4}$ \angle 10 N. R. 11 E. \angle 15 \angle D. P.

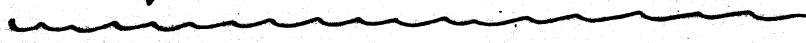
A juniper, 14 ins. dia, bears \angle $45^{\circ}\frac{1}{2}$ th., 54 lbs. dist, marked $\frac{1}{4}$ \angle 10 N. R. 10 E. \angle 24 \angle D. P.

A cedar, 14 ins. dia, bears \angle $10^{\circ}\frac{1}{2}$ th., 197 lbs. dist, marked $\frac{1}{4}$ \angle 10 N. R. 10 E. \angle 10 \angle D. P.

Short boundary of S. 10th, R. 11 E.

BOOK 1923

Soil, sandy and gravelly,
and and and late
timber, scattering pine,
juniper and cedar
Undergrowth, sage, magnolia
and Chaparral
Mountainous or lands
covered with dense under-
growth, rocks
Great heat prevents
further work this day.
July 6, 1904.



North of sec. 2 and 12
divided, through featuring
timber and dense
undergrowth, over the
Valley Ranch.

- 4.04 Raff fence, bears E. and W.
- 8.40 Same fence, bears N. E. and S. W.
- 9.50 Spruce, 150 ft. high, slopes to
wards the E.
- 14.80 Drain, 50 ft. deep, course E.
- 20.50 Rocky ridge, 150 ft. high,
bears N. E. and S. W.
- 25.00 Drain, 100 ft. deep, course E.
- 40.00 Set a granite stone, 10 x 8
12 x 6 ins., 10 ins. in the ground,
for the sec. cor., marked 4
the N. E. corner, from which
a pin, 6 ins. dia., bears S. 12
E., 60 lbs. dist., marked 4
W. S.
- 40.50 Spruce, 150 ft. high, slopes
N. E.
- 51.00 Dry creek bed, 10 lbs. wide

in ravine 400 ft. deep, course
N. E. Around.

65.00 Ridge, 150 ft. high, bears
N. W. and S. E.

5000 Set a granite stone, 18x8x8
ins., 1/2 ins. in the ground,
Joe cor. of recs. 1, 6, 7 and
12, marked with 1 notch on
the N. and 5 notches on the
S. edge, from which

A pine, 10 ins. dia, bears
N. 64° E., 110 lbs. dia, marked
S. 107 R. 11 E. 7 & P. 1

A pine, 12 ins. dia, bears
N. 22° E., 125 lbs. dia, marked
S. 107 R. 11 E. 7 & P. 1

A pine, 14 ins. dia, bears
N. 54 1/2° E., 140 lbs. dia, marked
S. 107 R. 11 E. 7 & P. 1

No other trees in limits;
raised mound of stone, 1/2
bar, 1 1/2 ft. high, N. of cor.
pits impracticable
Land rolling.

1923

Soil, sandy, 2nd rate
timber scattering pine,
juniper and cedar.
Undergrowth, sage, laurel,
mesquite and choparral
& lands covered with dense
undergrowth; 5000 lbs.

North bet. recs. 1 and 6
Open rolling land, through
scattering timber and
dense undergrowth.

45.00 Pine, 150 ft. high, slopes
toward the N. E.

45.00 Drain, 50 ft. deep, course S.

West boundary of T 10 N, R 11 E

BOOK 1928

2500 Spur, 100 ft. high, slopes toward the S. E.

2200 Draw, 50 ft. deep, course E.

2600 Spur, 100 ft. high, slopes toward the N.

4000 Left a granite stone, 15 x 12 x 8 ins., 14 ins. in the ground,

for 4 squares, marked 1/4 on the N. face, from which

An oak, 6 ins. dia, bears N. 75° E, 90 lbs. dist, marked 1/4 S. 60° E

An oak 14 ins. dia, bears S. 60° E, 105 lbs. dist, marked 1/4 S. 10° E

4200 Draw, 50 ft. deep, course N. N. W.

5800 Spur, 100 ft. high, slopes toward the S. E.

2600 Draw, 20 ft. deep, course N. 10° E.

6000 Left a sandstone, 18 x 8 x 6 ins., 12 ins. in the ground, for

cor. of T 10 N, R 11 E and N. 10° E, marked with

6 notches on the N. S. E. and N. W. edges, from which

An oak, 6 ins. dia, bears N. 45° E, 49 lbs. dist, marked 1/4 N. 10° E S. 10° E

An oak, 10 ins. dia, bears S. 20° E, 106 lbs. dist, marked 1/4 N. 10° E S. 10° E

An oak, 6 ins. dia, bears S. 20° E, 54 lbs. dist, marked 1/4 N. 10° E S. 10° E

An oak, 6 ins. dia, bears N. 21° E, 104 lbs. dist, marked 1/4 N. 10° E S. 10° E

This township corner stands on rolling slope, 20 ft. above foot of draw.

Land, rolling.
Soil, sandy; 1st and 2nd
rate.
Timber, scattering pine,
oak and juniper.
Undergrowth, Laurel, rose,
myrtle and chopardol.
Lands covered with dense
undergrowth; 800000
July 6, 1904

Northern boundary of P 10 W, R 11 E

BOOK 1923

July 8, Sat, 7th 10th a.m. l.m.t.
Left by 8th 15' W. on the
lat. acc; 22° 57' N. on the def.
acc; and determine a meridian
with the poles of the sec
of Tps. 10 and 11 N, R 10 and
11 E, which was recently
established by me.

Thence I run
back on a random line
along the North Bdy. of
P 10 W, R 11 E, setting traps
1/4 sec. and sec. corst. at intervals
of 40 chs; and at 479.65 chs.
intersect the N. Bdy. of
P 10 W, R 11 E, 42 chs. W. of the
cor. of Tps. 10 and 11 N, R 10
and 11 E. recently estab-
lished by me.

The falling
anvils to a correction of 8
00.00', or 2 chs. S. per mile,
counting from the N. E.
cor. of the township.

Therefore I run
N. 89° 57' E. on a true line
bet. sec. 6 and 21.

Ascend over rolling land
through scattered timber
and dense undergrowth

- 6.00 Enter head of draw, course
E.
- 10.00 Leave draw, ~~course~~ S. E.
- 19.00 Locus, 150 ft. high, slopes
toward the S. E.
- 20.10 Draw, 100 ft. deep, course
S. E.
- 20.10 Trail, bare Mt. and S. E.
- 29.00 Set a granite stone, 15 x 8 x 6
ins, 10 ins in the ground,
for 1/4 sec. cor., marked with
N. face; from which

ok
A juniper, 10 ins. dia, base
N. 5 1/2 ft., 50 lbs. dist, marked
51 B D

A cedar, 9 ins dia, base
S. 30 1/2 ft., 20 lbs. dist, marked
56 B D

45.00 draw, 50 ft. deep, course S. H.

45.00 ~~tree~~, 100 ft. high, slopes
toward the S. H.

55.00 draw, 50 ft. deep, course
S. H. Grand.

65.60 trail, base N. H. and S. E.

70.00 ~~tree~~, 100 ft. high, slopes S. E.

74.00 ~~tree~~ base N. E. and S. H.

80.00 ~~tree~~, 50 ft. deep, course S. E.
Grand.

82.00 set a granite stone, 15 x 12 x 10
ins, 10 ins in the ground,
for cor. of sec. 5, 6, and
7, marked with 5 notches
on the S. and 1 notch on
the N. edges, the two in
limits; raised mound of stone,
5 ft. base, 2 ft. high, N. E. cor.,
pits impracticable.

Land, rolling.

Soil, sandy, end note.
Timber, scattering pine,
cedar and juniper.

Undergrowth, holly, laurel,
magnolia, etc. choparal.

Fields covered with dense
undergrowth; 70.00 chs

Overfoot at noon prevented
taking the latitude.

July 7, 1904.



N. 5 1/2 - 57. E. bet. sec. 5 and 6
Covering land through

BOOK 1008
For this mile
page 55
rental notes
attached

- scattering timber, and dense undergrowth.
- 10.00 Spruce, 20 ft. high, slopes V. E.
- 10.00 Draw, 50 ft. deep, course V. E. Ascend.
- 11.00 Spruce, 20 ft. high, slopes toward the V. E.
- 12.14 Fence, bears N. W. and V. E.
- 16.15 Road, bears N. W. and V. E.
- 20.00 Jay's house bears V. 200 chs. dist.
- 27.05 Fence, bears N. W. and V. E.
- 30.00 Star Valley Creek, 20 lbs. wide, in bank 5 ft. deep, course V. E.
- 40.00 Set a granite stone, 15 x 12 x 6 ins., 15 ins. in the ground, for 1/2 sec. cor., marked # on the N. face, from which
A piniper, 10 ins. dia., bears N. 101° W. 50 lbs. dist., marked # V. 4 B P.
- A cedar, 9 ins. dia., bears V. 300° E, 20 lbs. dist., marked # V. 5 B P.
- 45.00 Draw, 50 ft. deep, course V. W. Ascend.
- 48.00 Spruce, 100 ft. high, slopes toward the V. W.
- 50.00 Spruce, 50 ft. high, slopes V. W.
- 50.60 Bear, bears N. W. and V. E.
- 58.00 Draw, 50 ft. deep, course V. E. Ascend.
- 50.00 Set a granite stone, 15 x 12 x 6 ins., 15 ins. in the ground, for cor. of sec. 4, 5, 6 and 20, marked with 4 notches on the E. and 2 notches on the W. edge, No. trees in limits; shing mound of stone, 2 ft. base, 1 1/2 ft. high, W. of corner; pits unapproachable.

Land, rolling.
Top, 1st. and end rate.
Timber, very scattering pine,
cedars and Juniper.
Undergrowth, laurel, sage,
mosses and choppers.
Land covered with dense
undergrowth; 800000



N. 89° 00' E. on a true line
bet. sec. 4 and 30.

For this mile
see page 56
supplemental
rates hereto
attached

Around over rolling land,
through scattering timber,
and dense undergrowth.

11.75 Spruce, 100 ft. high, course N. 80°

20.00 dry bed of stream, 10 lks. wide,

In ravine, 100 ft. deep, course
S. 80°

1923

30.00 Spruce, 100 ft. ^{high} deep, slopes N. 80°

35.00 Spring in dry bed of stream,
10 lks. wide, in ravine, course

N. 80°, 100 ft. deep. Around

40.00 Set a granite stone, 10 x 10 x 5

ft. in. in the ground, for

4 sec. cor., marked # on the N.

face; from which

On oak 8 in. dia, bears

N. 80° E., 40 lks. dist, marked

W. 30° P.

On oak, 10 in. dia, bears

N. 80° E., 20 lks. dist, marked

W. 40° P.

47.00 Spruce, 100 ft. high, slopes toward
the N. 80°

52.00 Saw, 10 ft. deep, course N. 80°

Since over small dead and
spruce.

57.00 Set a granite stone, 10 x 10 x 5

BOOK 1923

OK Pos cor of sec. 3, 4, 5 and 6, marked with 3 notches on the E and N edge; from which by oak, 10 in dia, bears N. 42° E, 141 1/2 lbs. dist, marked T 11 N R 11 E T 3 1/4 P.

An oak 8 in dia, bears N. 43° E, 157 lbs. dist, marked T 10 N R 11 E T 3 P.

A pine, 6 in dia, bears N. 4° E, 103 lbs. dist, marked T 10 N R 11 E T 4 P.

A pine, 6 in dia, bears N. 61° E, 39 lbs. dist, marked T 11 N R 11 E T 5 P.

Land, rolling. Soil sandy, at and end of timber, scattering pine, juniper and cedar. Undergrowth, mugwort, sage, willow and chaparral. Lands covered with dense undergrowth, 5000 ft. July 5. At this place, I set off of 22° 28' N on the decl. acc, and at 10:45 P.M. observed the sun on the meridian; the resulting latitude is 34° 10' N, which agrees with the proper latitude.

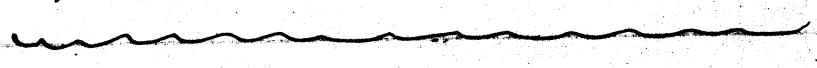


N. 59° 07' E. as a true line, but sec. 3 and 4. Over rolling land through scattering timber, and dense undergrowth. 5:00 P.M., 100 ft. high, slopes toward the N. E.

- 21.00 Draw, 50 ft. deep, course N. H.
 - 22.00 Tur, 150 ft. deep, slopes toward the N. H.
 - 40.00 Set a gravity stone, 15 in x 6 ins., 16 ins. in the ground, for 1/2 sec. cor., marked 1/4 on the N. face; from which a funiper, 5 ins. dia., bears N. 20° E., 11 lbs. dist., marked 1/4 3/4 D. J.
 - 41.00 A funiper, 10 ins. dia., bears N. 30° E., 170 lbs. dist., marked 1/4 3/4 D. J.
 - 58.00 Draw, 100 ft. deep, course S. H.
 - 60.00 Tur, 100 ft. high, slopes toward the S. H.
 - 70.00 Tur, 100 ft. deep, course S. H.
 - 75.00 Tur, 100 ft. high, slopes toward the N.
 - 80.00 Set a gravity stone, 15 in x 6 ins., 12 ins. in the ground, for cor. of sec. 2, 3, 4 and 5. Marked with 1/2 notches on the E. and 1/4 notches on the N. edge; from which a funiper, 5 ins. dia., bears N. 18° E., 104 lbs. dist., marked 1/2 1/4 N. 1/2 E. 1/4 3/4 D. J.
 - A funiper, 5 ins. dia., bears N. 41° W., 114 lbs. dist., marked 1/2 1/4 N. 1/2 E. 1/4 3/4 D. J.
 - A funiper, 14 ins. dia., bears N. 43° W., 145 lbs. dist., marked 1/2 1/4 N. 1/2 E. 1/4 3/4 D. J.
- No other trees in limits; raised mound of stone, 1/2 ft. base, 1 1/2 ft. high, N. of cor., sets unambiguously.

BOOK 1923

Soil, sandy, and rate
Timber, scattering pine
and juniper.
Undergrowth, sage, willow
and mesquite.
Lands covered with dry
undergrowth, rocks.



T

July 8. At 3⁴/₁₀ P.M. l. mt.,
to set off 34¹/₂ North
lat. acc; 24¹/₂ North decl.
acc; and determine a
meridian with the solar
at the cor. of sec. 1, 2, 3, 4
and 5.

Thence I run
N 89¹/₂ E 1/2 C. on a true
line bet. sec. 2 and 5.
Over our rolling land
through scattered timber
and dry undergrowth
at 1100 ft. above sea level, course N 89¹/₂ E
1100 divide; low rise, 10 ft. above
Star Valley; bear N and E.
This is the divide bet. the
waters of Star Valley and
Green Valley Creek. Beyond
over small ridges and cañons.

4000 Marked a cedar on ledge
in place, 6 x 4 x 2 ft. above
ground, for ~~survey~~ marked
by the ~~survey~~; from which
A pine, 8 in. dia, bear
N 49¹/₂ E, 4 x 4 in. dia, marked
+ V 3 2 @ P
A pine, 8 in. dia, bear
N 10¹/₂ E, 4 x 4 in. dia, marked
+ V 2 2 @ P
4675 Green Valley Creek, 5 lbs.

72.50 wider, in canyon 150 ft. deep, course N. 50° W. and Ridge, 500 ft. high, bears N. 40° W.

5000 Set a gravity stone, 18x10x5 ins, 10 ins. in the ground, for cor. of sec. 1, 2, 35 and 36, marked with 1 notch on the S. and 5 notches on the N. edge; from which a pipe, 14 ins. dia, bears N. 70° E, 21 lbs. dist, marked P. 10 N., R. 11 E. & 36 (D. 9)

A pipe, 10 ins. dia, bears N. 51° E, 86 lbs. dist, marked P. 10 N., R. 11 E. & 35

No other trees in limits, raised mound of stones, 2 ft. base 1 1/2 ft. high N. of canyon. Site impracticable. Land, rolling and mountainous. Soil, sandy, and good

timber, scattering pine and juniper. Undergrowth, magnolia, sage and chaparral.

Mountainous or lands covered with dense undergrowth, sycamores. July 8, 1904.

July 11: At 5:10 a.m. left P. 10 N., R. 11 E. lot. 22. 58' N. on the decl. asc, and determining 9 meridians with the corner of the cor. of sec. 1, 2, 35 and 36. Thence I run N. 59° 52' E. on a trip line

BOOK 1923

North boundary of T. 10 N., R. 11 E.

bet. sec. 1 and 36
Descent over mountainous
land through scattering
timber and dense under-
growth.

2.4000 ft. deep, near N.
30.00 divide bet. forks of Green
Valley Creek, bears N and S
Descent.

4000 ~~ft.~~ true point for sec. 36
falls on a stone in place,
10 x 6 x 1 ft. above ground;
cut a cross at the exact
point and mark $\frac{1}{4}$ part N. of
the cross; from which

A juniper, 30 in. dia, bears
N. 30.00, 26 lbs. dia, marked
 $\frac{1}{4}$ V 36 36 36

A juniper, 36 in. dia, bears
N. 30.00, 26 lbs. dia, marked
 $\frac{1}{4}$ V 1 36 36

5175 E. fork of Green Valley
Creek, in canyon 40 ft.
deep, point N. 60.00
around along S. slope.

8000. The base of T. 10 N. and
R. 11 E. as herebefore
described
Land, mountainous
soil, sandy and stony; red and etc
note

Timber, pine, juniper and oak
Undergrowth, laurel, oak
brush, sage and cholla
Mountains on lands covered
with dense undergrowth & rocks.

July 11, 1894



Latitudes, Departures and Closing Errors.

Line	Bearing	Dist	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
S. Poly. Street		459.00				459.00
H. " North		480.00	480.00			
N. " N. 82° 57' E		479.00	0.49		479.00	
E. " South		480.00		480.00		
Convergence					000.49	
Totals			480.49	480.00	479.49	459.00
			480.00			479.49
Error in lat		0.49				0.00
						0.00

BOOK 1923

General Description

T. 107, R. 11 E. contains a great variety of land. The southeasterly part is very rough and mountainous, and not being adapted to grazing or agriculture, was not surveyed. The hills and divides in the eastern part are well adapted to grazing, being covered with a good growth of bunch grass.

The north, west and central parts are rolling and level. The Great Flat Valley extends from the north west corner down to the southern part. There are many good ranches in this valley. Green Valley extends from section 1 down to 35.

This region is covered with a scattering growth of pine, oak and juniper timber. The township is watered by Green Valley and Flat Valley creeks. There are springs scattered throughout the township. This township should be subdivided.

July 11, 1904

Wm. E. Oakes
D. S.

No one authorized to administer oaths; other than myself, being available, without

great delay, inconvenience
and expense, I administer
the required preliminary
and final notes.

Wm. E. Carter
D. T.

July 11, 1904

LIST OF NAMES.

BOOK 1923

A list of the names of the individuals employed by Ivan E. Oakes

....., 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 N. T. E. and

H. Dwyer T. 10 N. P. 11 E. and N. T. H. Dwyer T. 10 N. P. 10 E.

showing the respective capacities in which they acted:

Ronald Stevenson ✓ Chainman.

Virgil S. Earl ✓ Chainman.

..... Moundman.

..... Moundman.

Orval C. Gilstrap ✓ Axman.

..... Axman.

..... Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Ivan E. Oakes

....., United States Deputy Surveyor, in surveying all

those parts or portions of the N. T. E. and H. Dwyer of

T. 10 N. P. 11 E. and the N. T. and

H. Dwyer of T. 10 N. P. 10 E.

..... of the Gilquist

Salt River meridian, District 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
Donald Stevenson ✓ Chainman.

Virgil S. Earl ✓ Chainman.

..... Moundman.

..... Moundman.

Orval C. Gilstrap ✓ Axman.

..... Axman.

..... Flagman.

Subscribed and sworn to before me this 15th

day of July, 1904 ✓



Ivan E. Oakes
U.S. Dep't Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

465
BOOK 1923

I, Ivan E. Oakes, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Gen Frank J. Ingalls United States Surveyor General for Arizona, bearing date of the 18th day of April, 1894, 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 N. E. and S. E. and N. W. and S. W. Bases of T. 10 N. R. 11 E. and N. E. and S. E. and N. W. Bases of T. 10 N. R. 11 E. of the Gila and Salt River meridian, in the district 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.

Ivan E. Oakes
United States Deputy Surveyor.

Subscribed by said Ivan E. Oakes, and sworn to before me }
this 31st day of August, 1894

Samuel Bolton
County Clerk



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Feby. 3rd 1905

The foregoing field notes of the survey of the N. E. S. and W. boundaries
of T. 10 N., R. 11 E. and S. E. and N. W. Bases of T. 10 N. R. 11 E. of
the Gila and Salt River Base and Meridian

executed by Ivan E. Oakes, U.S. Deputy Surveyor
under his ^{last} contract No. 116, dated April 18, 1894, 1894, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank 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.

pages
49 thru 50
do not exist

Book "D"

BOOK 1923

Supplemental
FIELD NOTES

of correction
OF THE SURVEY OF THE

North and South Boundaries

of
T10 N R 11 E

of the Gila & Salt River Base & Meridian,

Territory of Arizona

AS SURVEYED BY

Charles L. Campbell, United States Deputy Surveyor,

Under ^{joint} his Contract No. 116, dated April 18, 1907

Survey commenced April 11, 1907

Survey completed April 18, 1907

For NAMES AND DUTIES OF ASSISTANTS.

see Book "M." Subs. T1279108.

Supplemental Notes

117
333

BOOK 1923

INDEX DIAGRAM.

Township 10 N, Range 11 E

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
4	5	6	7	8	

Meanders Page.....

BOOK 54
1923

For PRELIMINARY OATHS OF ASSISTANTS.
see Book M. Subs. 112 2Q108 Supplemental Notes

WE, _____ and _____
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 _____ }



Survey commenced on April 11, 1927 and executed with a H. and S. E. Curly improved solar compass. No. 210, with telescopic attachment, described in Correcting Notes of Correcting Survey, T. 12 N., R. 10 E. Knowing from recent work on the Meridian determined by Polaris observations on April 8 and 9th and described in Correcting notes of T. 12 N., R. 10 E. that my instrument is in correct adjustment.

Commenced at the original cor. of Secs. 5, 6, 310 and 316 on the N. W. cor. of the T. P.; marked and witnessed and described as in original notes;

Thence West N. 89° 37' E. bet. Secs. 5 and 32.

Around over rolling land through scattering timber and dense undergrowth. ^{All original notes page 32}

- 10.00 Pole, 100 ft. high, slopes V. E.
- 13.00 Draw, 5 ft. deep, course T. E.
- 21.00 Pole, 50 ft. above draw, slopes V. E.

- 25.15 Lagare fence, bears N. th. and V. E.
- 28.15 Hagon road, bears N. th. and V. E.
- 30.00 Lagare house bears S. th. & cho. dist. ?
- 32.00 Fence bears N. th. and V. E.

33.00 Clear Valley Creek, 20 lbs. wide, in draft, 2 1/2 ft. deep, course V. E.
40.00 The original 1/4 sec cor., marked, witnessed and described as in original notes.

- 48.00 Pole, 100 ft. high, slopes V. th.
- 50.00 Draw, 5 ft. deep, course V. th.

BOOK 1923

6850 Trail, bears Nth and V.E

7000 Spur, 150 ft high, slopes S.E

7050 Scar, 75 ft deep, corner V.E

8000 Set a granite stamp 15x15x8 in, 10 in in the ground,

for cor. of pics. 4, 5, 32 and 33 marked with 4 notches on the E and 2 notches on the N edges, from which

A. sak, 8 ins dia, bears

N. 54° E, 105 lbs dist,

marked N 10 N R 11 E V 32 33

A. juniper, 10 ins dia, bears

V. 17° E, 105 lbs dist, marked

N 10 N R 11 E V 4 33

A. cedar, 8 ins dia, bears

V. 50° N 17 lbs dist, marked

N 10 N R 11 E V 5 33

A. juniper, 12 ins dia,

bears N. 54° E, 109 lbs

dist, marked N 10 N R 11

E V 32 33

Land, rolling and mountainous soil, sandy and gravelly, red and red soil.

Timber, juniper, oak, pine and cedar; underground, small timber, oak & scrub, mosquito and cactus.

Mountainous or lands covered with dense underground, 80.00 lbs.

For this mile see original page 33.

N. 69° 57' E on a tray line bet. pics. 4 and 33

Over mountainous land, through scattering timber and dense underground

11.9.0 Locus, 100 ft. high, slopes V. O
20.6.5. Dry bed of stream, 15 lbs. width,
dry ravine, 200 ft. deep, course
S. th.

20.6.5. Locus, 150 ft. above creek, slopes
S. th.

20.6.5. Dry bed of stream, 25 lbs. width,
dry ravine, 175 ft. deep, course
S. th.

40.00 The original $\frac{1}{4}$ sec. cor.
marked, witnessed and
described as in original
field notes.

47.00 Locus, 100 ft. high, slopes V. th.

57.15 Draw, 100 ft. deep, course S. th.

71.15 Locus, 200 ft. high, slopes V. th.

79.65 Draw, 150 ft. deep, course S. th.

80.00 Set a gravity stone, 10 x 10 x 10
ins., 10 ins. in the ground,
for cor. of secs. 3, 4, 5, 6 and 7,
marked with 3 notches on
the E. and N. th. edges; from
which,

A pin, 10 ins. dig, bears
N. 10° E., 57 lbs. dist.
marked P 10 N R 11 E V
Q & R

A juniper, 8 ins. dig, bears
N. 40° E., 16 lbs. dist.
marked P 10 N R 11 E V
Q & R

A pine, 80 ins. dig, bears
N. 56° th., 24 lbs. dist.
marked P 10 N R 11 E
T & Q

A pine, 86 ins. dig, bears
N. 70° th., 24 lbs. dist.
marked P 11 N R 11 E
T & Q

This cor. stands 5 ft. above draw
land, mountainous

BOOK 1923

Soil, gravelly and stony;
erodand & clay soil
Timber, pine, oak, juniper,
fir and cedar, undergrowth
small timber, magnolia, cypress,
laurel and oak shrubs
Mountainous & lands covered
with dense undergrowth,
so. of chs.

April 11, 1907

Note - Latitude and solar observa-
tions for April 11th described
in Correcting Notes of T.M. R.C.

April 12. At 8:45 AM a mile N. of
set off 240.10' N on the lat
arc, 8:28' N on the decl arc,
and determine a meridian
with the solar at the vertical
of sec. 6 on the line bet. secs
6 and 21, on the W. side of the 9th,
which is marked, witnessed
and described as in original
field notes.

Thence I run
East bet. secs 6 and 21
descending over mountainous
land, through scattering
undergrowth, most timber
2000 David, 200 ft. deep, covered
2000 Spruce, 200 ft. above camp, slopes
I. H. have scattering timber
40.00 ft a granite stone, 15 x 10 x 10 in,
10 in. in the ground, for sec.

see any
notes page 3

of secs 5, 6, 31 and 32, marked
with notches on the E and
1 notch on the N. edges; raised
a mound of stone, sq. base, 1/2
ft. high, 10 ft. dia; pits un-
practicable.

This cor. is about 150 ft. below
spur.

Land, mountainous.

Soil, stony; red and 4th cat.
Timber, very scattering juniper,
and pines; undergrowth,
sage, cactus and Mesquite.
Mountainous lands, 40.00 ca.

East bet. secs 5 and 32.

Descending over mountainous
land through scattering
undergrowth; no timber.

13.50 Ravine 500 ft. deep, course T. O.
Steep ascent.

20.00 Ridge, 150 ft. above ravine, base
N. and T. Steep precipitous
descent into Box Canyon
of the Valley Creek, other
irregular bluffs, slides
and boulders.

27.50 Foot of precipitous descent
500 ft. below ridge, base
N. and T.

35.00 The Valley Creek, 50 lbs. wide,
a roaring torrent with
swift descent, rock bottom,
course T. Ascend steep
precipitous N. slope of moun-
tain over great bluffs, rim
rocks and slides, almost
impassible.

40.00 Trip point for 1/2 sec cor. falls
on unstable ground, where

for this mile
see page 51
notes

BOOK 1923

natural conditions would insure its destruction. Therefore at a point 26 lbs. E. of true point, I set a H.C. post, sec. cor.

40.26 Set a granite stone 12x12x5 ins, 8 ins. in the ground for the E. to sec. cor., marked H.C. on the N. face; from which,

A pin, 8 ins. dia., bears N. 85° E., 24 lbs. dist. marked H.C. 1 & 2

A pin 12 ins. dia., bears T. 55° th., 60 lbs. dist. marked H.C. 1 & 2

60.00 Top of ascent, 100 ft. above canyon, bears N. th. and T. C.; leaning bluffs and slides

64.00 Ravine, 150 ft. deep, course T. C.

70.00 Summit of ridge, 200 ft. above ravine. Bears N. and T. descend, 120 ft. to,

80.00 Set a granite stone 15x12x5 ins, 10 ins. in ground, marked with 4 notches on the E. edges and 2 notches on the N. edges; for cor. of sec. 4, 5, 32, and 33; raised almost 2 ft. base, 1 1/2 ft. high, 1/2 ft. cor.; pits impracticable. No trees suitable for marking in limits.

Errors - should be cor. off sec. 4, 5, 32, and 33

Land, mountainous. Soil, stony; 4th cor. timber, scattering juniper, pines and quaking asp. Mountainous land, 80 to 85 lbs.

For this mile see page 6

East bet. sec. 4 and descend over mountains

land through scattering
timber and scattering
undergrowth.

- 15.00 Spade, 25 ft. below cor, course
S. E.
 - 15.00 Spur, 100 ft. high, slopes S. E.
 - 25.00 Canyon, 400 ft. below spur,
course S. Does not top.
 - 40.00 Set a granite stop, 12 x 12 x 6
ins., pins in the ground
for N. & S. cor., marked 1 on
the N. face; raised a mound
of stone, 2 ft. base, 1 1/2 ft. high,
N. of cor.; pits impracticable.
Not too suitable for marking
in limits.
 - 45.00 Ascend over bluffs, boulders
and slides, bear N. and V.
 - 60.00 Precipitous ascent.
 - 60.00 Ridge divide, 500 ft. above
bottom, bears N. and V. Second
Exposure.
 - 65.00 Stock trail, bears N. and V.
 - 75.00 Canyon, 700 ft. below ridge,
course S. E. Ascend 600 ft.
 - 80.00 The original cor. of sec. 2, 4, 33
and 34; marked, witnessed
and described in original
field notes.
- Land, mountainous.
Soil, stony; 4th cat.
Timber, oak, scattering pine
and juniper; undergrowth,
cactus and mesquite.
Mountainous lands, 80.00
chs.

Note: The S. Cor. of this Sp.
is East from the cor. of

BOOK 1923

secs 2, 3, 34 and 35, extends over deep impassible canyons and high divides. It is a terribly rough, precipitous region and is impracticable to survey by ordinary methods. The land is too steep and inaccessible and the soil is stony; that it is not ^{adapted} for grazing even and has no commercial value whatever, therefore I discontinued the survey of this township line at the corner of secs 2, 3, 34 and 35. Overcast at noon prevented latitude observations.

April 12, 1887

Charles P. Campbell
U. S. Surveyor Deputy

LIST OF NAMES.

BOOK 1923

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 _____

1923

showing the respective capacities in which they acted:

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

FINAL OATH OF ASSISTANTS.

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 _____ }



64
126
BOOK 1923

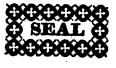
For FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.
See Book "M" Subs. 71277 & 106. Supplemental notes

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,

Phoenix A.T. January 20, 1908

The foregoing field notes of the survey of correction of the North and South Boundaries of T10 N R11 E, of the Gila and Salt River Base and Meridian, in the Territory of Arizona

executed by Charles L. Campbell, U.S. deputy surveyor under his contract No. 116, dated April 18, 1904, 190____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

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.

1924

1924

Book E.

SEP 23 1904 127

1924

BOOK 1924

FIELD NOTES

OF THE SURVEY OF THE

Extensions of (North, ~~and East & South~~)

Fractional

Township No. 11 North,

Range No. 11 East

1924

1924

Of the Gilg. Salt River Meridian,

District of Arizona

AS SURVEYED BY

Clayton E. Parks

United States Deputy Surveyor,

Under his Contract No. 116, dated April 15, 1904, 189

Survey commenced August 15, 1904, 189

Survey completed August 20, 1904, 189

1924

1924

1924

11A
728

BOOK 1924

NAMES AND DUTIES OF ASSISTANTS.

Ronald Summers, Chairman

Birgit S. East

Paul Gustaf, Secretary

129
1B

BOOK 1924

INDEX DIAGRAM.

13

14

1

3

Township 11 North, Range 17 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

(3)
13

(4)
14

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Ronald Stevenson and Virgil D. Earl
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

Exterior of T. No. 117, R. No. 14 E
Ronald Stevenson, Chairman.
Virgil D. Earl, Chairman.

Subscribed and sworn to before me this 18th
day of Aug, 1924, 189



Iran C. Baker
U.S. Dept. Surveyor

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 _____, 189



WE, I, Croak C. Gilstrap 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

Exterior of T. 11 North, R. 14 East
Croak C. Gilstrap, Axman.
_____, Axman.

Subscribed and sworn to before me this 18th
day of Aug, 1924, 189



Iran C. Baker
U.S. Dept. Surveyor

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 _____, 189



Part of East Edge of Geocl. P. 117, R. 10

BOOK 1024

beats 7. 000 E, 8 fks. dist.
marked 1/2 V, 1/2 B, 1/2 P.
A juniper, 1.5 ins. dia.
base N. 14.10 H, 00 kbo. dist.
marked 1/2 V, 1/2 B, 1/2 P.
0.8.00 Ridge, 100 ft. high, base
N. E. and S. W. Sward S. slope.
Top of base, 20 ft. deep, covers
N. E.

8.000. Intercept the temp. during
course of P. 117, R. 11/2 camp E
set by me on
August 19, 1904.

At the temp. point
set a granite stone, 18 x
12 x 6 ins., 10 ins. in the ground,
for closing course.

~~P. 117, R. 11/2 Camp E~~
~~marked 1/2 B, 1/2 V, 1/2 P.~~
with 2 grooves on N. and
2 grooves on E. and 2 grooves
on S. focus.

Nothing in
limits, raised mound of
stone, 8 ft. base, 2 ft. high,
N. of cor., pits impracticable
land, mountainous.

Soil stony, and 4th
gate.
Juniper, pine, oak and
juniper.
Undershrub, sage and
lavender.

Mountainous or land covered
with dense undershrub,
sagebrush.

Absence of any instrument
at noon prevented taking
the latitude.

August
minimum

BOOK 1924

I commence at the cor. of
Rds 11 and 11 1/2 N, R. 11 and 11 1/2 E,
Established by me,
at time of sub
Part on a true line bet
Sec. 6 and 01.

Over rolling land through
heavy pine timber and
scattering undergrowth.

09.00 Oak hollow, bears N. E. and
S. W. 100 lbs wide, deep.

4000 Set a granite, 18 x 6 x 6 ins,
1/2 in. in the ground, for
1 sec. cor, marked 1/4 on the N.
from which

A pine, 8 ins. dia, bears N.
20° E, 50 lbs. dist, marked
1/4 S. W. P. P.

A pine, 16 ins. dia, bears
S. 16° W, 14 lbs. dist, marked
1/4 S. W. P. P.

09.90 Trail, bears N. and S.
8000 Set a sand stone, 24 x 8 x 6
ins, 18 in. in the ground,

for cor. of sec. 6, 6, 6 and
marked with notch
on E. and W. edges; from
which

An oak, 20 ins. dia, bears
N. 20° E, 54 lbs. dist, marked
1/4 11 1/2 N, P 11 1/2 E S. W. P. P.

A pine, 20 ins. dia, bears
S. 20° E, 10 lbs. dist, marked
1/4 11 N P 11 1/2 E S. W. P. P.

An oak, 8 ins. dia, bears
S. 15° W, 90 lbs. dist, marked
1/4 11 N P 11 1/2 E S. W. P. P.

An oak, 10 ins. dia, bears
S. 20° W, 20 lbs. dist, marked
1/4 11 1/2 N P 11 1/2 E S. W. P. P.

Land, rolling

At this 1/2 mile
on page 13
note has attached

Soil, sandy, end note.
Timber, fine and oak.
Undergrowth, small pine
and pines.
Heavily timbered lands
roughly.



For this note
see page 4
supplemental
here to at
table.

East on N. Rd. of Acad. P. 117, R. 11 1/2 C. To
line of sec. 6 and
over rolling land through
heavy timber and
pattering undergrowth.

4000 ft a sandstone, 18 x 10 x 8
ins, 10 ins in the ground.
For 1/2 sec. cor. marked 1/2 of
the N. sec. from which
An oak, 10 ins. dia, base
11 1/2 ft, 20 lbs. dist, marked
1/2 0 4 2 0 1

1924

An oak, 6 ins. dia, base
15 1/2 ft, 20 lbs. dist, marked
1/2 0 4 2 0 1

5100 Ravine, 20 ft deep, course
S. E.

2410 Interest Black Mesa
Forest Reserve Rd., 6.75 chs
N. of the city ~~the~~ Post,
which is an ~~intersection~~ with
a brass cap, marked and
witnessed as described by
the surveyor general.
At point of intersection
of sandstone, 18 x 12 x 12 ins,
10 ins in the ground, the
closing corner of R. 11
and 11 1/2 N., R. 11 1/2 C., marked
C. C. on N. sec. with
1000 ft. and 1/2 in.

North Bdy of Jca. P. 11 N, R. 11 E

BOOK 1824

2 acres on St. Joe; from which
 An oak, 12 in dia, base
 40 ft, 60 lbs. dist, marked
 P. 11 N, R. 11 E, T. 32 R. 1
 An oak, 15 in dia, base 4
 00 ft, 40 lbs. dist, marked
 P. 11 N, R. 11 E, T. 32 R. 1
 Land, rolling.
 Soil, sandy, and rotten
 timber, pine and oak.
 Undergrowth, small pines.
 Heavily timbered lands, 76.10. Cha.
 August 20, 1904
 I destroyed accessories W of Bdy post, referring
 to township west of bdy. of reserve.

Boundaries of P. 11 N, R. 11 E

Line	Range	Dist	Latitudes		Departures	
			N.	S.	E	W
		Chs	chs	chs	chs	chs
S. Bdy	West	157.26				157.26
H. "	North	450.00	450.00			
N. "	East	157.18			157.18	
E. "	South	451.18		451.18		
Convergence					0.16	
Per side		450.00	451.18	157.34	157.36	
			450.00		157.34	
Per side			lat	157.34	157.34	
					0.42	

General description
 This fractional township is
 level, rolling and mountainous.
 There are several fine ranches
 along Gun Valley Creek.
 The timber is Spruce and oak
 with some fir and juniper.
 There are creeks, springs and wells.
 C. A. Brown & Co. Owners
 U. S. Dept. of Surveyors

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

1285

LIST OF NAMES.

BOOK 1924

A list of the names of the individuals employed by Ivan E. Baker

....., 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

Extension of T 11 North, R 11 East
showing the respective capacities in which they acted:

Ronald Sturman , Chainman.

Virgil Earl , Chainman.

..... , Moundman.

..... , Moundman.

Orab C. Gilstrap , Axman.

..... , Axman.

..... , Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Ivan E. Baker

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

fractional Township No. 11 North,

Range No. 11 East of the Colony
Valley meridian, State 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

Donald Stevenson , Chainman.

Virgil Earl , Chainman.

..... , Moundman.

..... , Moundman.

Orab C. Gilstrap , Axman.

..... , Axman.

..... , Flagman.

Subscribed and sworn to before me this 25th
day of August, 1924



Ivan E. Baker

U.S. Deputy Surveyor

136

BOOK 1924

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Iwan E. Oakes, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Sam. Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 18th day of April, 1904, ~~189~~, 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 North, South and East Boundaries of Sectional Township No. 11 North Range No. 11 East of the Gila and Salt River meridian, in the State 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.

Iwan E. Oakes
United States Deputy Surveyor.

Subscribed by said Iwan E. Oakes, and sworn to before me }
this 31 day of August, 1904, ~~189~~ }

Samuel Boston
County Clerk



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A.T. December 31 1904

The foregoing field notes of the survey of the North Boundaries of tract T. 11 N., R. 11 1/2 E., of the Gila and Salt River Base and Meridian, in the territory of Arizona.

executed by Iwan E. Oakes, U. S. Deputy Surveyor under ~~his~~ ^{joint} contract No. 116, dated April 18th 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.