

Book "D"

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2080

BOOK 2080

FIELD NOTES

2080

OF THE SURVEY OF THE

2080

North, South and West boundaries

T 10 N R 10 E

2080

Of the Block P, R, B and Meridian,
Arizona

AS SURVEYED BY

Campbell and Oakes, United States Deputy Surveyor

^{their} Under ~~his~~ Contract No. 116, dated April 18, 1904

Survey commenced July 12, 1904

Survey completed July 18, 1904

6-151

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No NAMES AND DUTIES OF ASSISTANTS.

See Book "N" Boundaries

of T. 10 N. R. 11 E.

1A

BOOK 2080

INDEX DIAGRAM.

Township 10 N, Range 10 E

17	6	5	4	3	2	1
15	7	8	9	10	11	12
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12	30	29	28	27	26	25
11	31	32	33	34	35	36

Meanders Page _____

In oaths see Book 2. (Extensions T107-02113.)

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PRELIMINARY OATHS OF ASSISTANTS.

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 July 12, 1904, and executed with a Standard C. Gurley improved solar transit No. 30. The horizontal limb is provided with two double verniers placed opposite to each other, reading to 30" of arc; which is plus the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Spokane, Wash., by Geo. K. Campbell, Civil Engineer, found correct and was approved on June 1, 1904.

I examine the adjustments of the transit and find no level or collimation errors; they to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian determined by observations on Polaris to proceed as follows:

At my camp, 5 o'clock. N. of the cor. of T. 9 and 10 N., R. 10 and 11 E., latitude $34^{\circ} - 10' - 10''$; longitude $111^{\circ} - 44' - 49''$ ^{15" 33"} N.; I set Top of $34^{\circ} - 10' - 10''$ on the lat. arc; $21^{\circ} - 59' - 10''$ on the decl. arc; and at 5-05 a.m. l.m.t., determine a meridian with the solar and mark a point thereof on the stone, set 5 ch. N. by this station

BOOK 2080

during the establishment of a true meridian on July 3, 1904 and described in Book 2, Exterior of S. 107, R. 10 E. This mark falls on the groove in the true meridian established July 3, 1904.

At ^{3:50} p.m. l.m.t., I set off $34^{\circ} 10'$ N. on the lat. line; $31^{\circ} 57'$ on the decl. arc; and determine a meridian with the solar; and mark a point thereon on the stone already set $5^{\circ} 45'$ N. of my station by cutting a cross in the line & thus determined. This mark falls 0.2 ins. west of the meridian determined by the Polaris observations.

The solar apparatus by a.m. and p.m. observations defines positions for meridians respectively $0^{\circ} 0''$ east and $0^{\circ} 10''$ west 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 $3:50$ p.m. l.m.t., is $N. 17^{\circ} 21''$ W.; the angle thus determined gives the mean magnetic declination $17^{\circ} 21''$ W.

July 12, 1904.

~~~~~

I commence at the  
 cor. of Tps. 9 and 10 N., R.  
 10 and 11 E., recently estab-  
 lished by me,  
 thence I run  
 that on a true line bet.  
 sec. 1 and 36

Over rolling land, through  
 scattering timber and  
 dense prairie growth.

8.50 Run, 200 ft. deep, course  
 N. 20° E. Ascend.

14.00 Run, 25 ft. high, slopes  
 toward the N.

17.00 Descend, 50 ft. deep, course N. E.

40.00 Set a gravity stone, 15x14x8  
 ins., 10 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  of  
 the N. face; from which

A cedar, 6 ins. dia., bears  
 N. 60° E., 215 lbs. dist., marked  
 $\frac{1}{4}$  B. C.

No other tree in limits;  
 raised mound of stone, 2 ft.  
 base, 1 1/2 ft. high, N. of cor.,  
 pits impracticable.

45.50 Ridge, 50 ft. high, bears  
 N. E. and N. W. Ascend  
 over small draws and  
 spurs.

54.60 Dragon Road from Globe to  
 Paterson, bears N. and N.

80.00 Set a gravity stone, 15x10x9  
 ins., 10 ins. in the ground,  
 for cor. of sec. 1, 2, 35 and 36;  
 marked with 1 notch on the E.  
 and 5 notches on the N. edges;  
 from which

A juniper, 10 ins. dia., bears  
 N. 16° E., 49 lbs. dist., marked

South boundary of P. 10 N., R. 10 E.

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P. 10 N. R. 10 E. T. 36 D. 2  
 A juniper, 16 ins. dia,  
 bears N. 27° E., 400 lbs. dist.  
 marked P. 10 N. R. 10 E. T. 36 D. 2  
 No other trees in limits; raised a mound of stone 2 ft base 1 1/2 ft high.  
 Land, rolling and narrow.  
 Pits impracticable.

Soil, sandy and gravelly; and  
 and red shale.  
 Timber, scattering juniper, and  
 cedar.  
 Undergrowth, sage, buck brush  
 and choppers.  
 Mountains or lands covered  
 with dense undergrowth;  
 500000.

~~~~~

Short bet. sec. 2 and 35.
 Over rolling land through
 scattering timber and dense
 undergrowth.

2.00 depth, 50 ft deep, course N.
 40000 Set a gravity stone, 15x10x
 8 ins., 10 ins. in the ground,
 for sec. cor., marked 2 on
 the N. face; No trees in
 limits; raised mound of
 stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor., pits impracticable.

69.00 Divide, 200 ft. high, bears
 N. 11. and T. E.

80000 Set a sand stone, 15x10x8 ins.,
 10 ins. in the ground, for cor.
 of sec. 2, 3, 34 and 35, marked
 with 2 notches on the E. and
 4 notches on the N. edges;
 from which

A cedar, 14 ins. dia, bears
 N. 80° E., 111 lbs. dist.
 marked P. 10 N. R. 10 E. T.
 36 D. 2.

A cedar, 14 ins. dia, base
7.10 th 40 lbs. dia, marked
T. 10 N. R. 10 E. T. 30 P. 1

A cedar, 16 ins. dia, base
7.10 th 7 lbs. dia, marked
T. 10 N. R. 10 E. T. 30 P. 1

No other trees in limits;
raised mound of stone, 2
ft. base, 1 1/2 ft. high, 10 ft. of
cor.; pits impracticable.
Land, rolling and moun-
tainous,

soil, sandy and stony,
red and red soil. Timber
consisting of pine,
cedar and spruce.
Undergrowth, sage, magnolia
and cholla.

Mountainous or lands
covered with dense under-
growth, 8 o'clock.

July 10: At this sec. cor.;
set off 34° 49' N. on the
dia. acc; and at 12:00 p.m.
observe the sun
on the meridian; the re-
sulting latitude is
34° 10' N.



Excessive heat prevents
further work until after
3 o'clock this day.

July 10: At 2:10 p.m. l.m.
set off 34° 40' N. on
the lat. acc; 31° 48' N. on the
dia. acc; and determine
a meridian with the
solar, at the cor. of sec.
2, 3, 34 and 35.

South boundary of P. 10 N, R. 13 E.

Thence I run
street on a true line bet.
sec. 3 and 4.

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

1.50 Draw, 50 ft. deep, course N. 75° E.
4.50 1/2 sec. 250 ft. high, slopes E.

40.00 Let a granite stone, 18 x 10 x
10 ins., 12 ins. in the ground,
for sec. cor., marked $\frac{1}{4}$ on the
N. face, no trees in limits;
raised mound of stone, 8 ft.
base, 1 1/2 ft. high, N. of cor.,
pits impracticable.

42.50 Ravine, 300 ft. deep, course N. 75° E.
80.00 1/2 sec., 300 ft. high, slopes
towards the N. E.

80.00 Let a granite stone, 10 x 8 x 8 ins.,
10 ins. in the ground, for
cor. of sec. 3, 4, 33 and 34
marked with 3 notches on
the E. and N. edges; from
which

of cedar, 12 ins. dia, bears
N. 75° E., 120 lbs. dist. marked
P. 10 N, R. 13 E 7 3/4 @ P.

No other trees in limits;
raised mound of stone, 9
ft. base, 1 1/2 ft. high, N. of
cor., pits impracticable.

Land, mountainous.
Soil, sandy and gravelly;
and and red str.
Timber, scattering cedar
and juniper.
Undergrowth, sage, buck
brush and chaparral.
Mountainous or lands covered
with dense undergrowth
8000 chs.

July 13, 1907 BOOK 2080



Start bet. sec. 4 and 33
across over mountainous
land, through scattering
timber and dense under-
growth.

12.00 beam, 34.0 ft. deep, corner S. & E.
38.00 T. post, 100 ft. high, slopes
toward the N.

40.00 Set a granite stone, 15 x 8 x 5
ins., 10 ins. in the ground,
for 4 sec. cor., marked $\frac{1}{2}$ on
the N. face; No trees in
limits; raised mound of
stone, 4 ft. base, $1\frac{1}{2}$ ft.
high, N. & S. cor., pits im-
practicable.

58.00 beam, 45.0 ft. deep, corner S. & E.
20.00 T. post, 100 ft. high, slopes
toward the N.

22.00 beam, 50 ft. deep, corner S. & E.
26.00 T. post, 100 ft. high, slopes
towards the S. & E.

50.00 Set a granite stone, 15 x 10 x 8 ins.,
ins., 10 ins. in the ground,
for cor. of sec. 4, 5, 34 and
33, marked with 4 notches
on the E. and 4 notches on
the N. edges; No trees in
limits; raised mound of
stone, 4 ft. base, $1\frac{1}{2}$ ft. high, W.
& S. cor., pits impracticable.
Land, mountainous.

Soil, sandy and stony; and
and wet rate.

Timber, scattering juniper.
Undergrowth, Doge, magnolia
and sheparaff.

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

Mountainous or lands covered with dense undergrowth & rocks.



July 14: At 10^h 10^m a.m. (L.M.)
T. 10 N. ref off 0^h 42' 00" N. on the lat. acc;
61' 41" N. on the def. acc; and determining a meridian with the pole at the cor. of recs. 4, 5, 04 and 03
Thence Drive Street bet. recs. 5 and 04.

Over mountainous land through scattering undergrowth, but few scattering trees.

- 11.50 Draw, 100 ft. deep, course V. S.
 - 20.50 Spur, 100 ft. high, slopes V.
 - 22.50 Draw, 100 ft. deep, course V.
 - 30.50 Globe. Payson wagon road, bears N. and V.
 - 40.00 Set a granite stone, 10 x 10 x 6 ins., 10 ins. in the ground, for cor. marked $\frac{1}{4}$ on the N. of cor., raised mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., fits imperceptibly.
 - 44.00 Draw, 100 ft. deep, course V.
 - 50.00 Spur, 100 ft. high, slopes V.
 - 56.00 Draw, 75 ft. deep, course V. E.
 - 60.00 Spur, 75 ft. high, slopes toward the N.
 - 80.00 Set a granite stone, 15 x 12 x 10 ins., 12 ins. in the ground, for cor. of recs. 5, 6, 04 and 03, marked with 5 notches on the E. and 1 notch on the N. edges; raised mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., fits imperceptibly.
- Land, mountainous.

Soil, sandy and stony, and
and 4th rate.

Timber, very scattering cedars.
Undergrowth, muskrat and
sage.

Mountainous land, 8000 ft.

Street bet. secs. 6 and 31
descend over mountainous
land through scattering
undergrowth. No timber.

- 1.00 Beaver, 10 ft. deep, course S.
- 5.00 Spur, 100 ft. high, slopes S.
- 12.45 Beaver, 120 ft. deep, course
S. E. around.

Over spur and draw.

- 40.00 Set a granite stone, 15 x 8 x
6 ins., 16 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
the N. face; raised mound
of stone, 2 ft. base, $\frac{1}{2}$ ft. high,
S. of cor., pits impracticable.

- 40.50 Spur, 100 ft. high, slopes
toward the S. E.

Over draw and spur.

- 57.45 Draw, 100 ft. deep, slopes
S. E.

- 70.45 Spur, 500 ft. high, slopes
toward the S.

- 82.50 Set a granite stone, 18 x 10 x 8
ins., 16 ins. in the ground, for
cor. of T. 10 N., R. 10 E.,
marked with 1
6 notches on the N., S., E. and
W. edges; raised mound of
stone, 2 ft. base, 2 ft. high,
S. of cor., pits impracticable.

Land, mountainous.

Soil, sandy and stony, and

10
10

County boundary of P. Dist., W. Va.

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and 4th rate.
No timber.
Undergrowth, mesquite and
sage.
Mountainous land, 79.51 cks.
Overcut at noon prevented
taking the latitude.
July 14, 1904.



July 15: At the cor. of
 T. 9 and 10 N., R. 9 and 10
 E., just established by me,
 I set off $0^{\circ}40'10''$ N. on the lat.
 acc; $29^{\circ}04'17''$ on the decl. arc;
 and at 7^h10^m a.m., l.m.t.,
 determine a meridian with
 the solar.

hence I run
 North on a true line bet.
 sec. 05 and 06.

Descend over mountainous
 land, through scattering
 undergrowth. No timber.

11.00 A fine clay bearing
 o. ch. d. pt. Marks on
 stake not plain.

10.00 ∇ spur, 400 ft. high, slopes
 toward the N.E.

10.50 Enter dense undergrowth,
 bears S. and N.

Over draws and ravines.

08.00 Draw, 200 ft. deep, course S.E.

40.00 Set a granite stone, $15 \times 12 \times 6$

ins., 1 in. in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on the
 N. face; raised mound of stones
 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
 cor., pits impracticable.

44.00 Ridge, 120 ft. above draw,
 bears S. and N. Descend
 along N. N. slope of moun-
 tain.

50.00 Draw, 50 ft. deep, course S.E.

67.00 ∇ spur, 20 ft. high, slopes N.E.

74.00 Draw, 20 ft. deep, course

N. N. Leave dense under-

growth and enter scattering
 undergrowth, bears S. and N.

80.00 Set a granite stone, $18 \times 12 \times 6$

ins., 1 in. in the ground

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OK for cor. of secs. 4, 5, 6, 7, 8, 9, 10 and 11, marked with 5 notches on the N. and 1 notch on the S. edges; raised mound of stones, 2 ft. base, 1 1/2 ft. high, H. of cor., pits impracticable. Land, mountainous.

Soil, stony; red and 4th rate.

No timber.

Undergrowth, mesquite, sage and cholla.

Mountainous or lands covered with dense undergrowth, 800 feet.



North of sec. 4 and 5
Crossing along the slope of mountain through scattering undergrowth.

5.50 Ridge of pine, 100 ft. high, slopes toward the N.

12.50 Ravine 20 ft. deep, course N.

30.00 Big rock leaf, base of sandstone.

40.00 Set a granite stone, 15x12x4

OK 4 ins, 10 ins. in the ground, for 7 sec. cor., marked 7 on the N. face; raised mound of stone 2 ft. base, 1 1/2 ft. high, H. of cor., pits impracticable.

67.00 Ridge of pine, 200 ft. high, slopes toward the N. westward steep N. slope into canyon.

74.50 Dry bed of stream, 20 ft. wide, in canyon 200 ft. deep, course N. 50° W. Abeced.

25.10 Cottonwood 36 in. dia. of
line, 1 notch with 4 notches
on N. and S. sides.

5000 Set a granite stone, 8" x 14"
6" ~~long~~ 1/2" into the ground,
Joe cor. of secs. 19, 24, 25 and 30,
marked with 4 notches on
the N. and S. notches on the S.
edges; raised mound of stone
1/2 ft. base, 1 1/2 ft. high, Ch. of
cor., pits impracticable.
Land, mountainous.
Soil, sandy and stony; red
and red slate.
No timber.

Undergrowth, mesquite, sage
and cholla.

Mountainous lands, 8000 ft.

July 15: At this sec. cor.
of bet of ~~21-30~~ ¹⁰⁻³¹ on the
east side, and at 12:05
p.m.; observe the sun on the
meridian; the resulting
latitude is $34^{\circ} 11' N.$, which
is correct.

~~~~~

Notes bet. secs. 19 and 24.  
Casing along S. th. slope  
of mountain, through  
scattered undergrowth  
Over ridge, spurs and  
draws.

1970 Ridge, spur, 100 ft. high,  
slopes S. th.

31.95 Dry bed of stream, 25 lbs.  
further, by canyon, 100 ft.  
deep, course S. th.

4000 Set a granite stone, 4" x 10" x 5"  
in, 1/2 in. in the ground,

West boundary of T. 10 N., R. 10 E.

BOOK 2080

At 700 1/2 sec. cor, marked 7 on the  
 N. 7/8 face; raised mound of  
 stones, 2 ft. base, 1 1/2 ft. high, th. of  
 cor, pits imperceptible.  
 8000 Set granite stone, 18x14x  
 12 ins., 12 ins. in the ground,  
 for cor. of sec. 18, 19 and  
 20 marked with 3 notches  
 on the N. and S. edges;  
 from which,  
 Q. juniper, 16 ins. dia,  
 base V. 80° C, 67 lbs. dia,  
 marked T. 10 N., R. 10 E. (T. 19  
 W. 2.)

No other trees in limits;  
 raised mound of stones, 3  
 ft. base, 1 1/2 ft. high, th. of  
 cor, pits imperceptible.  
 Land, mountainous.

Soft, stony, red and 4th cote.  
 Timber, very few scattering  
 juniper.

Undergrowth, meadow, sage  
 and choparot.  
 Mountainous land, 5000 ft.



North bet. sec. 18 and 19.  
 Around S. slope of mountain  
 through very scattering timber  
 and scattering undergrowth.

17.50 Ravine, 75 ft. deep, curve  
 V. 60° C.

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

32.50 Ravine, 150 ft. deep, curve  
 V. 80° C.

33.75 Big stock trail, bears Camp St.  
 4000 Set a granite stone, 24x16x  
 14 ins., 16 ins. in the ground,

OK for 1 sec. cor., marked  $\frac{1}{4}$  of  
 the 7 ft. face; from which  
 A juniper, 24 ins. dia.,  
 base T. 850, 15 lbs. dist,  
 marked  $\frac{1}{4}$  T. 15 P. P.  
 No other trees in limits;  
 raised mound of stone, 9  
 ft. base,  $\frac{1}{2}$  ft. high, th. of  
 cor., pits impracticable  
 57.50 Ridge spur, 200 ft. high,  
 slopes toward the N. H.  
 Over draw and spur. L  
 50.00 Set a granite stone, 18" x 14"  
 4" in. 14 ins. in the ground,  
 for cor. of sec. 9, 10, 11 and 12  
 marked with 2 notches on  
 the N. and 4 notches on the E.  
 edges. No trees in limits;  
 raised mound of stone, 9 ft.  
 base,  $\frac{1}{2}$  ft. high, th. of cor.,  
 pits impracticable  
 Land, mountainous.

Soil, sandy and stony, and  
 and red slate.  
 Timber, very scattering cedar  
 and juniper  
 Unproductive, sage, mesquite  
 and cholla  
 Mountainous land, 500000.

July 15, 1904



North of sec. 11 and 12.  
 Overland over mountainous  
 land, through scattering  
 timber and undergrowth.  
 2.00 draw, 100 ft. deep, course  
 N. H.  
 14.00 T. spur, 200 ft. high slopes  
 N. H.

West boundary of T. 10 N., R. 10 E.

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4000 Set a gravity stone, 15x10x  
8 1/2 ins., 1/2 ins. in the ground,  
Joe & spe. cor., marked 7 on  
the N. face; No trees in limits;  
raised mound of stone, 2 ft.  
base, 1 1/2 ft. high N. of cor., pits  
imp. noticeable.

4575 Ridge, 500 ft. high, bears  
E. and N. Descend into  
Payson Valley.

5700 Steppe descent.

6750 Ravine, 25 ft. deep, course N. N. W.

6900 Descend from spur, slopes  
toward the N. W.

7950 Foot of descent, 500 ft. below  
ridge, bears E. and N. Over  
Payson Valley, dense undergrowth

8000 Set a gravity stone, 18x12x7 1/2  
ins., 1 1/2 ins. in the ground,  
Joe cor. of recs. 1, 6, 7 and 12,  
marked with notches on the  
N. and S. notches on the E.  
edges; from which

For this corner  
are large  
sp. into line attached.

~~1 Ashok, 14 1/2 ins. dia., bears  
N. 27° E., 54 lbs. dist., marked  
T. 10 N. R. 10 E. N. 5° W. S.~~

~~100 oak, 20 ins. dia., bears  
N. 59° E., 60 lbs. dist., marked  
T. 10 N. R. 10 E. N. 7° W. S.~~

~~1 Walnut, 12 ins. dia., bears  
N. 27° E., 125 lbs. dist., marked  
T. 10 N. R. 9 E. N. 7° W. S.~~

No other tree in limits;  
raised mound of stone, 3  
ft. base, 1 1/2 ft. high, N. of  
cor., pits imp. noticeable.

Land, level and mountainous  
loaf, rich loam and stony; 1st  
and 2nd rate.

Timber, very scattering oak  
and juniper.

Undergrowth, sage, oak  
brush and mesquite.  
Mountainous or lands covered  
with dense undergrowth  
& bushes.



North bet. secs. 1 and 6  
Over Payson Valley, through  
scattered timber and  
dense undergrowth.

0.45 Station road from Berlin  
returning to Payson, bears  
E. and N.

2.10 Dry bed of Payson creek, 25  
ft. wide, in banks 10  
ft. high, course S. 50° W.  
Round gradual S. slope.

24.00 Ridge spur, 250 ft. above  
creek, slopes toward the  
S. W. beyond over moun-  
tainous land.

25.00 Ravine, 100 ft. deep, course  
S. 50° W. Round.

40.00 Set a granite stone, 15 x 10 x 10  
ins., 16 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on  
the N. W. face; Notch in limits,  
raised mound of stone, 2 ft.  
base, 1 1/2 ft. high, N. of cor.;  
pits impracticable.

50.00 Set a sand stone, 25 x 14 x 10  
ins., 16 ins. in the ground  
stuck bed rock, raised  
mound of stone around for  
cor. of T. 10 and 11 N., R.  
9 and 10 E., marked with a  
notch on the N., S., E. and  
W. edges; from which  
a line, 10 ins. dia.,

To this note see  
page and notes  
here attached

## West boundary of T. 10 N., R. 10 E.

BOOK 2080

beats 79th, 54 lbs. dist.,  
marked S. 10 N., R. 10 E. & V. 1  
P. 1. The other two in  
limits, raised mound of  
stone, 3 ft. base, & 2 ft. high.  
Top edge, pits impracticable.  
This sp. corns stand on  
S. slope, 400 ft. above the  
Payson Valley.

July 16. At this cor., I  
set off 21-21' N. on the def. arc  
and at 12:05 p.m. observed  
the sun on the meridian; the  
resulting latitude is 34-15' N.,  
which is a little greater  
than the proper latitude.  
Land, low and mountainous.

Soil, sandy loam and  
gravelly, 1st and 2d rates.  
Timber, very scattering pine  
and oak.

Undergrowth, ragwort, magnolia  
and choparot.

Mountainous or lands covered  
with dense undergrowth  
& rocks.

~~~~~

July 16. At 2-10 p.m. l.m.
I set off 34-15' N. on the
lat. arc; 21-21' N. on the
def. arc; and determining a
meridian with the poles
at the cor. of T. 10 and
11 N., R. 10 and 11 E.
Thence I ran thence on a
random line along the
N. Pdy. of S. 10 N., R. 10 E.,
setting temp. 7 sec. and sec.
corns at intervals of 40 chs.

and at 479.45 chs. intersect
the cor. of Tps. 10 and 11,
R. 9 and 10 E.

Thence I run
East on a true line bet.
secs. 6 and 31.

Over mountainous land
through scattering timber
and dense undergrowth.

7.40 A pine, 250 ft. high, slopes
toward the N.W.

46.70 A draw, 200 ft. deep, across

49.40 The true point for $\frac{1}{4}$ sec.
cor. falls on a stump in place,
15 x 40 x 10 ft. above ground. At
the exact point, I cut a cross
for $\frac{1}{4}$ sec. cor., and mark $\frac{1}{4}$
on N. side of cross, from which

A pine, 10 in. dia., bears
N. 00° E, 200 x lbs. dist., marked
N 31 W P. No other trees
in limits; raised mound of
stone, 2 ft. base $1\frac{1}{2}$ ft. high
N. of cor., pits impracticable.

54.00 Ridge, 300 ft. high, bears
N. 77° and N. E. Sounding.

57.90 A sandstone, 40 x 14 x 8 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; from which

A cedar, 10 in. dia., bears
N. 10° E, 201 lbs. dist., marked
N 10 E R 10 E S P.

A cedar, 10 in. dia., bears
N. 20° E, 200 lbs. dist., marked
N 10 E R 10 E S P.

No other trees in limits; raised
mound of stone, 2 ft. base
 $1\frac{1}{2}$ ft. high N. of cor., pits

BOOK 2080

impracticable
Land, mountainous.
Soil sandy and gravelly;
and and red rate.
Timber, very scattering pine
and cedars.
Undergrowth, mesquite, sage,
oak, grape and Choptaw.
Mountainous or lands covered
with dense undergrowth;
79/40 ch. ✓
Absence from line of woods,
on account of water, pre-
vented taking the latitude.
July 17, 1904.

July 18. At 7^h 10^m a.m. (m.
N. of) Out of 04°-15' N. of
the lat. acc; 21° 04' N. on the
decl. acc; and determining
a meridian with the solar,
at the cor. of lines 5, 6, 7
and 8. Then
East on a true line by
line 5 and 8.
Crossed over mountainous land
through scattering timber
and dense undergrowth.
8.00 Stock trail, bears N. th. and
V. E.
12.00 Near, 100 ft. deep, corner V. th.
20.00 Turn, 100 ft. high, slopes
toward the V. th.
40.00 Set a granite stone, 15x8x6
ins, 10 ins. in the ground
for 4 sec. cor., marked 7/4
the N. face; from which
A pine, 15 ins. dia., bears

N. 20° E., 100 lbs. dist., marked
1/4 V 0 4 20 21

A pine, 10 ins. dia, bears
S. 75° E., 69 lbs. dist., marked
1/4 V 0 4 20 21

Over spurs and draws all
having a S. th. trend.

5000 Left a granite stone, 15 x 14 x
6 ins., 12 ins. in the ground, for
cor. of sec. 05, 06 and 03
marked with 4 notches
on the E. and 2 notches on
the N. edges, from which

An oak, 10 ins. dia, bears
N. 64° E., 97 lbs. dist., marked
1/4 V 0 4 20 21

An oak, 10 ins. dia, bears
S. 52° E., 90 lbs. dist., marked
1/4 V 0 4 20 21

An oak, 10 ins. dia, bears
S. 45° E., 81 lbs. dist., marked
1/4 V 0 4 20 21

An oak, 10 ins. dia, bears
N. 27° E., 59 lbs. dist., marked
1/4 V 0 4 20 21

This sec. cor. stands on N.
slope of spur about on a level
with the cor. of sec. 05, 06, 01
and 02.

Land, mountainous.
Soil, stony; red soil.
Timber, scattering pine,
oak, cedar and juniper.
Undergrowth, sage, mugwort
and oak.

Mountainous or lands covered
with dense undergrowth
5000.

See page 2
attached



seed rate.
 Timber, scattering oak, pine
 and juniper.
 Undergrowth, sage, mesquite
 and chaparral.
 Mountainous or lands covered
 with dense undergrowth;
 500000.

X ~~~~~
 Roof on a tray line bet sec. 4 and 5.
 Over rolling land through
 scattering timber and
 dense undergrowth.

8.00 Timber, 50 ft. high, slopes N.E.
 6.00 Saw, 50 ft. deep, corner S.
 6.50 On road to settlement from
 Hayson, bears N. and S.

4.00 A granite stone, 15x8x8
 ins., 10 ins. in the ground, for
 a sec. cor., marked 4 on the N.
 face; from which
 A pic, 10 ins. dia., bears
 N. 0 1/2 E., 50 lbs. dist., marked
 4 S 0 1/2 W.
 An oak, 8 ins. dia., bears S.
 60 1/2 E., 50 lbs. dist., marked 4
 S 3 1/2 W.

4.50 Timber, 50 ft. high, slopes S.
 65.00 Saw, 50 ft. deep, corner S.
 80.00 A sandstone, 12x10x10 ins.,
 5 ins. in the ground, for
 cor. of sec. 4, 5, 6 and 7,
 marked with a notch on the
 E. and 4 notches on the N. edges,
 from which
 A pine, 8 ins. dia., bears N.
 11 W. 10 E. 70 lbs. dist., marked 4
 11 N. 10 E. 70 lbs. dist.

See p. 6 of this tall mill
 map. notes here
 attached

See p. 6 of this tall mill
 map. notes here
 attached

BOOK 2080

An oak, 8 in. dia, bears
 $\frac{1}{2}$ 10⁰⁰ E, 90 lbs. diaf, marked
 1 10⁰⁰ D, 10⁰⁰ V, 10⁰⁰ P.

A pine, 9 in. dia, bears
 $\frac{1}{2}$ 10⁰⁰ E, 60 lbs. diaf, marked
 1 10⁰⁰ D, 10⁰⁰ V, 10⁰⁰ P.

A pine, 10 in. dia, bears
 $\frac{1}{2}$ 10⁰⁰ E, 105 lbs. diaf, marked
 1 10⁰⁰ D, 10⁰⁰ V, 10⁰⁰ P.

Land, rolling.
 Soil, sandy, and and red cat.
 timber, scattering pine, oak
 juniper, and timber.

Undergrowth, sage, magnolia
 and chapparal.

Mountainous or lands covered
 with dense undergrowth,
 5 spots.

July 18: At this sec. cor.,
 left off $21^{\circ} 01''$ N. on the decl. arc
 and at $10^{\circ} 05''$ P.M.; observe the
 sun on the meridian; the re-
 sulting lat. is $34^{\circ} 10''$ N. which
 is nearly correct.

East on a true line bet. sec.
 2 and 3.

Over rolling land, through
 scattering timber and dense
 undergrowth.

5.00 depth, 100 ft. deep, corner V.C.
 4.00 set a granite stone, $10 \times 6 \times 6$ in.,
 1 in. in the ground, for $\frac{1}{4}$ sec.
 cor., marked $\frac{1}{4}$ on the W. face,
 from which

A pine, 10 in. dia, bears
 $\frac{1}{2}$ 10⁰⁰ E, 105 lbs. diaf, marked
 $\frac{1}{4}$ V, 10⁰⁰ P.

An oak, 8 in. dia, bears

In this hillside
 see page 7
 exp. notes
 attract.

7. 14' H., 64 lbs. dist, marked
1/2 V 0 5 D I

50.75 7' H., 100 ft. high, slopes to
descend.

58.60 Payson Flagstaff wagon road
beats N. E. end of H.
5000 Set a sandstone, 10 x 8 x 6 in., 10
in. in the ground, for cor.
of sec. 1, 6, 0 and 06, marked
with notch on the E. and 0
notches on the H. edges, from
which

On oak, 6 in. dia, bears
N. 4 1/2 E, 49 lbs. dist, marked
11 N D 10 E V 0 5 D I

On oak, 10 in. dia, bears V.
0 0 0 E, 100 lbs. dist, marked
11 N D 10 E V 0 5 D I

On oak, 6 in. dia, bears V. 20 1/2
H., 54 lbs. dist, marked 11 N
D 10 E V 0 5 D I

On oak, 6 in. dia, bears N.
21 1/2 H., 104 lbs. dist, marked
11 N D 10 E V 0 5 D I

Land, rolling.
Soil, sandy and stony, and
and red later.
Timber, scattering oak, pine
and juniper.
Undergrowth, sage, magnolia
and cholla.
Lands covered with dense
undergrowth, 5000 ft. ✓

Out on a true line bet. sec.
1 and 06.
Over rolling land through
scattering timber and dense
undergrowth.

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26

North boundary of P. 10 N., R. 10 E.

BOOK 2080

4.00 Draw, 50 ft. deep, course N.
9.75 Spur, 100 ft. high, slopes toward
the N.
Over draw and spur.

4.00 Set a granite stone, 15 x 10 x 8 ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on the N. face,
from which

An oak, 6 ins. dia, bears
N. 75° E., 90 lbs. dist., marked
 $\frac{1}{4}$ $\sqrt{10}$ $\sqrt{10}$ $\sqrt{10}$

An oak, 14 ins. dia, bears $\sqrt{1}$
69° W., 105 lbs. dist., marked $\frac{1}{4}$
 $\sqrt{1}$ $\sqrt{10}$ $\sqrt{10}$

62.00 Draw, 50 ft. deep, course S. 75° E.

66.00 Spur, 100 ft. high, slopes
toward the N. W. E.

80.00 Interest the cor. of Tps. 10 and
11 N., R. 10 and 11 E. previously described
land, rolling.

Soil, sandy and gravelly, and
and red clay.

Timber, pine and oak.

Undergrowth, mesquite and
chopchop.

Land covered with dense
undergrowth, 5000 lbs.

July 18, 1904

~~~~~

Boundaries of T. 10 N., R. 10 E.

Latitudes, Departures and Closing Errors

| Time          | Reading | Dist.  | Latitudes |        | Departures |        |
|---------------|---------|--------|-----------|--------|------------|--------|
|               |         |        | N.        | S.     | E.         | W.     |
|               |         | chs.   | chs.      | chs.   | chs.       | chs.   |
| S. Bdy. Start |         | 479.51 |           |        |            | 479.51 |
| N. "          | North   | 480.00 | 480.00    |        |            |        |
| W. "          | East    | 479.25 |           |        | 479.25     |        |
| E. "          | South   | 480.00 |           | 480.00 |            |        |
| Convergence   |         |        |           |        | 0.49       |        |
| Totals        |         |        | 480.00    | 480.00 | 479.74     | 479.51 |
|               |         |        |           | 480.00 | 479.51     |        |
| Errors        |         |        |           | 0.00   | 0.23       |        |

General Description.

This township is mostly rolling with, some mountainous land in the S. H. The Payson Valley extends through the northern half. There are several good ranches in this valley. Round Valley is also in this township. The little town of Payson is situated in the N. E.

BOOK 2080

corner of the township.  
The timber is mostly scattering  
oak and pine with some  
juniper and cedar.  
This region is watered by  
springs and wells.

Ivan E. Coker  
U. S. Dept. Surveyor

July 18, 1904





For final oaths see Book "D" 29 79  
(Extension T10 N. R11 E)

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

BOOK 2080

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

showing the respective capacities in which they acted:

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

FINAL OATH OF ASSISTANTS.

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



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In final Oath see Book 25  
(Extensions T 10 N. R. 11 S)

BOOK 2080

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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,

\_\_\_\_\_  
I \_\_\_\_\_, Dec 11, 1908

The foregoing field notes of the survey of the north South and West  
Boundaries of Township 10 North Range 10 East  
of the Tula and Salt River Base and Meridian,  
Territory of Arizona

executed by Campbell and Baker, U.S. Deputy Surveyors  
under ~~his~~ contract No. 116, dated April 18, 1904, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. 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.

Supplemental  
FIELD NOTES

OF THE SURVEY OF THE

Boundaries of T 10 N. R. 10 E

Of the <sup>File and Salt River</sup> Base and Meridian,  
Arizona

AS SURVEYED BY

Campbell and Oakes, United States Deputy Surveyor,

Under his Contract No. 116, dated April 18, 1904

Survey commenced April 18, 1907

Survey completed April 18, 1907

*No* NAMES AND DUTIES OF ASSISTANTS.

See Book "M" Pubs. T12 N-OR10 E.

Supplemental Notes

BOOK 2080

INDEX DIAGRAM.

Township 10 N, Range 10 E  
3 4 6 7

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 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 |

Meanders Page \_\_\_\_\_

*No preliminary oaths see Book 14 supplemental notes  
T. 12 N. P. 10 E.*

PRELIMINARY OATHS OF ASSISTANTS.

BOOK 2080

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 }



Correcting survey, commenced on April, 18, 1907, and executed with a W. and L. C. Currier improved solar compass, No. 210, with telescopic attachment, described heretofore in correcting notes.

Knowing from recent tests that my instrument is in correct adjustment, I commenced at the original cor. of secs. 1, 6, 7 and 12 on the N. E. cor. of the S. 10, which is a granite stone, 18 x 12 x 6 ins., 12 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked with 1 notch on the N. and 5 notches on the E. edges, from which

An oak, 14 ins. dia., bears N. 41° 45' E. 90 lbs. dist. marked S, 10 N, 10 E, S 6 & D 9.

An oak, 20 ins. dia., bears S 59° E. 121 lbs. dist. marked S 10 N, 10 E, S 7 & D 9.

An oak 14 ins. dia., bears N. 15° E. 125 lbs. dist. marked S 10 N, 10 E, S 1, D 9.

No other trees in limits; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, at S. cor.; pits impracticable.

Thence I run North by secs. 1 and 6. Beyond, through scattering timber and undergrowth, S. 45° E. on road, bears N. 80° E. 100 ft. each

Surveying notes page 17

BOOK 2080

- 25.00 Dry bed of stream, 50 lbs wide, in Canyon, 25 ft. below corner, course N. and E. Ascend S. slope, leaving timber and undergrowth, bears E. and N.
- 27.00 Ridge spur, 100 ft. high, slope S. and E.
- 35.00 Canyon 25 ft. deep, course N. and E.
- 40.00 Set a granite tray 15x10x10 ins, 10 ins in the ground, for 100.00, marked 1 on top N. face, raised 4 a mound of stone, 2 ft. base, 1 ft. high, N. of cor; pits imperceptible
- 70.00 Entry scattering timber and undergrowth, bears E. and N.
- 79.00 Top of Vauxant, 1000 ft. high, bears E. and N. Cor mesa.
- 80.00 Set a sand tray, 28x14x10, steep rock, raised mound of stone around, for cor. of S. 10 and 11 North, D. 9 and 10 E, marked with 6 notches on all four edges, from which:
  - A scrubby juniper, 6 ins. dia, bears N. 30° E, 84 lbs dist, marked 1 11 N D 10 E V 3 6 P 1.
  - A scrubby pine, 4 ins. dia, bears N. 60° E, 55 lbs dist, marked 1 11 N D 10 E V 6 P 1.
  - A pine, 9 ins dia, bears S. 9° th, 54 lbs dist, marked 1 11 N D 10 E V 1 P 1.
  - A scrubby juniper, 6 ins. dia, bears N. 60° th, 120 lbs dist, marked



T 11 N D 9 E V 06 D 9  
 Land, level and mountainous.  
 Soil, sandy and gravelly,  
 2nd and 3rd class  
 Timber, juniper and birch,  
 with some oak; under-  
 growth, cactus, mesquite and  
 sage.  
 Mountainous land, ss. or chs

Note - Since the cor. of Tps 10 and  
 11 N., R. 9 and 10 E., was not  
 changed in position, I don't  
 run the line bet. sec 6 and  
 01.

From the original  $\frac{1}{4}$  sec. cor.  
 on the line bet. Secs 5 and 02  
 on the N. Dry. of T.P.,  
 Oriskany,  
 East bet. Secs 5 and 02,  
 descend over mountainous  
 land, through scattering  
 timber and undergrowth.  
 0.00 Saw, 25 ft. below cor. course S. th.  
 5.00 Tree, 100 ft. high, slopes S. th.  
 10.00 Saw, 25 ft. deep, course S. th.  
 14.00 Tree, 50 ft. high, slopes S. th.  
 17.00 Saw, 75 ft. deep, course S. th.  
 19.00 Tree, 150 ft. high, slopes S. th.  
 28.00 Saw, 50 ft. deep, course S. th.  
 30.00 Tree, 75 ft. high, slopes S. th.  
 40.00 Set a granite stone, 20 x 14 x 6 ins.,  
 15 ins. in the ground, for cor.  
 of Secs 4, 5, 02 and 03, marked  
 with 4 notches on the S.  
 and 2 notches on the N. edges.

See my notes  
 page 31

- Iron which  
An oak, 10 ins. dia, bears  
N. 54° E. 10 lbs. dist, marked  
T 11 N D 10 E V 10 D P
- An oak, 12 ins dia, bears  
S. 60° E. 86 lbs. dist,  
marked T 11 N D 10 E  
V 4 D P
- An oak, 10 ins. dia, bears  
S. 40° E. 70 lbs. dist,  
marked T 10 N D 10 E  
V 5 D P
- An oak, 10 ins. dia, bears  
N. 20° E. 70 lbs. dist,  
marked T 11 N D 10 E  
V 3 D P

Land, mountainous, soil  
soil, sandy and gravelly;  
2nd and 3rd cat.  
Timber, scattering juniper,  
pinon, oak and cedar,  
undergrowth, small timber,  
magnolia, cactus and  
oak scrub.  
Mountainous lands, 8000 ft.

See notes  
page 22

East bet. riv. and  
descend over mountainous  
land, through scattering  
timber and scattering  
undergrowth.

- 10.00 Enter dense undergrowth,  
bears N. and S.
- 40.00 Set a granite trap, 15 x 6 x 6 ins,  
10 ins into the ground, for  
1 sec. cor., marked T 10 N D 10 E  
V 4 D P  
Face from which  
An oak, 10 ins dia, bears  
N. 69° E. 54 lbs. dist, marked  
T 11 N D 10 E  
V 3 D P

Redas, 6 ins. dia, bears  
27 1/2° E, 46 lbs dist, marked  
1/2 V 3/4 D 1/2  
54.25 by 4 bed of stream, 25 lbs wide,  
in canyon, 300 ft deep, course  
S.

56.00 Hagon road, bears N. E. and  
H. H.

80.00 Set a gravity stone, 10 x 18 x 6 ins.,  
10 ins. in the ground, for  
cor. of lines W, N, S and E,  
marked with 3 notches, on  
the E. and H. edges, from  
which

A pine, 12 ins. dia, bears  
N. 24° E, 78 lbs. dist,  
marked 1/2 N 1/2 D 1/2 E  
1/2 V 3/4 D 1/2

A juniper, 18 ins. dia, bears  
V. 32° E, 60 lbs. dist,  
marked 1/2 N 1/2 D 1/2 E  
1/2 V 3/4 D 1/2

A juniper, 16 ins. dia,  
bears V. 89° th, 115 lbs.  
dist, marked 1/2 N 1/2 D 1/2  
E 1/2 V 3/4 D 1/2

An oak, 8 ins. dia, bears  
N. 31° th, 138 lbs. dist,  
marked 1/2 N 1/2 D 1/2 E  
1/2 V 3/4 D 1/2

This cor. stands, 200 ft. above  
dry bed of stream.

Land, mountainous.

Soil, sandy and gravelly,  
and red cat.

Timber, juniper, oak and pine;  
undergrowth, small timber,  
oak shrubs, cactus and  
mosses.

Mountainous or lands covered  
with dense undergrowth,  
oak shrubs.

BOOK 2080  
Dr. my note  
page 23

Corrective Survey, S. 18 N., W. 10 E.  
Etrians

East bet. sec. 3 and 34.  
Over mountainous land,  
through scattering timber and  
dense undergrowth.

- 8.00 Cur, 75 ft. above corner slopes N.E.
- 26.50 Draw, 50 ft. deep, course S.
- 26.50 Hagon road, bears N. and S
- 40.00 Observed the original  $\frac{1}{4}$  sec. cor., which is marked, witnessed and described as my original field notes.
- 40.50 Cur, 50 ft. high, slopes S
- 65.50 Draw, 100 ft. deep, course S
- 80.00 Set a sand stone, 10x12x10 ins., 10 ins. in the ground, for cor. of sec. 2, 3, 34 and 35,

marked with 2 notches on the S. and 4 notches on the N. edges, from which

A Pin, 8 ins. dia., bears N. 40° E., 11 lbs. dist., marked S 11 N W 10 E S

An oak, 8 ins. dia., bears S. 24° E., 106 lbs. dist., marked S 10 N W 10 E S

A Pin, 9 ins. dia., bears S. 00° th., 79 lbs. dist., marked S 10 N W 10 E S

A Pin 10 ins. dia., bears N. 50° th., 90 lbs. dist., marked S 11 N W 10 E S

This cor. stands 125 ft. above draw. Land, mountainous.

Lois, sandy and gravelly, and red clay.

Timber, juniper, pine and oak; undergrowth, small timber, oak, grubs and eggs.

Mountainous islands covered with dense undergrowth, so. rocks.

See my notes page 24

East of Sec. 2 and 35. Over rolling and mountainous land, through scattering timber and dense undergrowth.

8.00  
40.00

Entered the Big Horn Co.; as marked, witnessed and described as in Big Horn field notes.

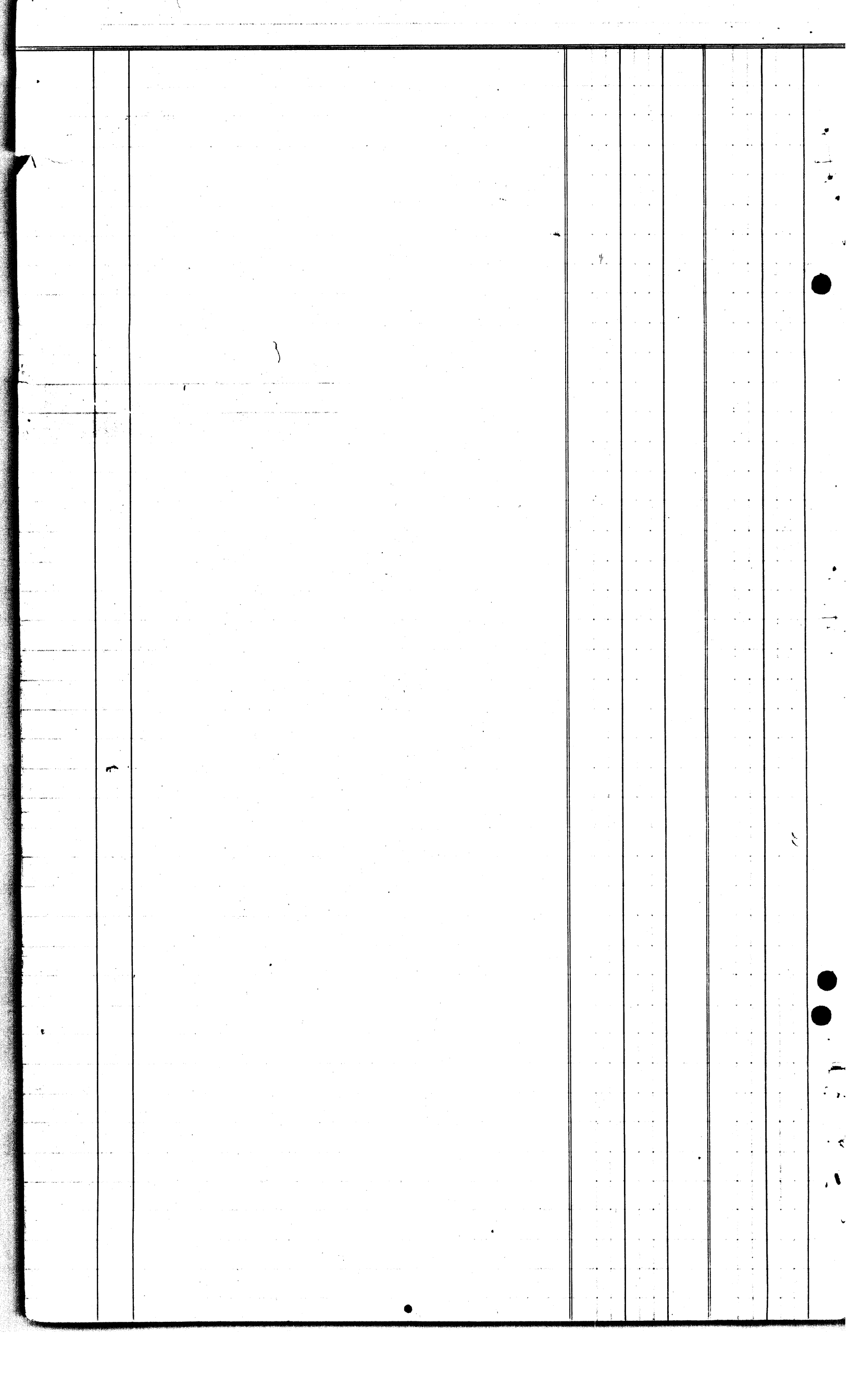
Land, rolling and mountainous. Soil, sandy and gravelly; and and feed crop.

Timber; pine, juniper, oak and cedar; undergrowth, buck brush, oak, grass, chaparral and cactus.

Mountainous islands covered with dense undergrowth, 40.00 chs.

10:15 a.m. (m.t.), April 18, 1907

Charles L. Campbell  
U. S. Geol. Survey



*To final oaths see Book "M" Supplemental notes  
Dubs. T 12 N. R. 10 E.*

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

BOOK 2080

A list of the names of the individuals employed by \_\_\_\_\_  
\_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and  
marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_ showing the respective capacities in which they acted:

- \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_, *Moundman.*
- \_\_\_\_\_, *Moundman.*
- \_\_\_\_\_, *Axman.*
- \_\_\_\_\_, *Axman.*
- \_\_\_\_\_, *Flagman.*

FINAL OATH OF ASSISTANTS.

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 \_\_\_\_\_ }



*In final oath see Book M  
Subs. T12 N. R. 10 E. (Supplemental notes)*

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

BOOK 2080

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, Arizona, Dec 11, 1908*

*Supplemental*  
The foregoing field notes of the survey of *the Boundaries of Township 10 North Range 10 East of the 5th and 6th Meridian, Territory of Arizona*

executed by *Lampbell and Coker, U.S. Deputy Surveyors* under ~~his~~ <sup>their</sup> contract No. *116*, dated: *April 18*, 190*4*, 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.