

RETRACEMENTS

SUBS.

T. 20 N. R. 6 E.

^{E.}
No-367

4-671

BOOK 367

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FIELD NOTES
GENERAL LAND OFFICE.

No-367

1A

BOOK 367

Notes copied by Omit 6/8/04

Comp. by Smba Omit 6/12/04

accounts checked by Omit & Smba 6/24/04

notes Comp. by G.M.S. & S.D. 7/2/04

Township 20 N., R. 6 E. S.S. S.R. B. & M.

BOOK 367

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	14	15	36
			13	10	35
			12	8	

Survey of the
Retractions and Subdivisions
Lines of
Township No. 20 North.
Range No. 6 East
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
H. Oscar Secor,
U. S. Deputy Surveyor.
Under his contract No. 102.
Dated June 30th 1902.

Sur. commenced - Sept 16 - 1902
" completed. " 18 - 1902

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PRELIMINARY OATHS OF ASSISTANTS.

We, J. M. Lockwood
 and A. G. Johnson
 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 distance to all notable objects, and the true length
 of all lines that we assist in measuring, to the best of our skill and ability,
 and in accordance with instructions given us, in the survey of the
Subdivisional lines of Sp. 20 N. R.
6 E.

BOOK 367

of the Gila and Salt River Base and Meridian, in the Territory of
Arizona.

J. M. Lockwood, Chainman.
A. G. Johnson, Chainman.
 _____, Chainman.
 _____, Chainman.

Subscribed and sworn to before me this 15 day
 of Sept, 1902

Will H. Holcomb,

County Clerk.

Notary Public.

SAN DIEGO, CAL.

By J. H. Steyer Deputy.

[SEAL.]

We, Norman Cook
and C. J. Schwartz 3A
do solemnly swear that we will well and truly perform the duties of
flagman and axmen, in the establishment of corners and other duties,
according to instructions given us, to the best of our skill and ability, in
the survey of the subdivisional lines of
Sp. 20 N. R. 6 E.

BOOK 367

of the Gila and Salt River Base and Meridian, in the Territory of
Arizona.

Norman Cook, Flagman.

C. J. Schwartz, Axman.

_____, Axman.

No, Axman.

Subscribed and sworn to before me this 15 day
of Sept, 1902

W. J. Munson
Notary Public.
Clerk District Court

Subdivisions of

Survey commenced Sept. 16th, 1902, and executed with a Buff and Berger engineer's transit with Seagmuller Solar attachment. The transit is No. 672, the hori^{int}z^{al} limb having two double verniers, placed opposite to each other, and reading to 30" of arc.

The instrument was examined and approved by the Surveyor General of Arizona at Phoenix, Arizona.

At my camp which is near the cor. of secs. 34 and 35, on the D. Bay, I set off $2^{\circ}48'N.$ on the decl. arc; and at noon observed the sun on the meridian, the resulting

Sp. 20 N. R. 6 E.

latitude is $35^{\circ}05'N$.

At 3 p.m. ^{L.M.T.} I set off $2^{\circ}45'$
 N. on the decl. arc; $35^{\circ}05'N$
 on the lat arc, and determine
 a true meridian with the
 solar, and mark the line
 thus determined with a cross
 on a stone firmly set in the
 ground about 6.00 chs. N. of
 my station.

I allow my instrument
 to remain at this point, and
 at $7^{\text{h}}49^{\text{m}}$ P.M. L.M.T., I observe
 Polaris at Eastern elongation,
 according to instructions in
 the Manual.

I now lay off the
 azimuth of Polaris 129° to the
 N., The true meridian thus

Subdivisions & Retracements

determined falls 0.4 ins. west of the meridian established by the solar; the magnetic bearing of said true meridian is $N. 14^{\circ}05' W.$, which gives the magnetic decl. $14^{\circ}05' E.$

Sept. 16th 1902.

Sept. 17th: at 8 a.m., l.m.t., I lay off $2^{\circ}29' N.$ on the decl. arc; ~~$3^{\circ}05'$~~ ~~$3^{\circ}05'$~~ $3^{\circ}05'$ $N.$ on the lat. arc, and determine a true meridian with the solar, and mark the line thus determined, on the stone previously set by me 6.00 chs. $N.$ of my station.

This point agrees with the true meridian determined by the Polaris observation.

of Sp. 20 N. R. 6 E.

The solar apparatus
by a. m. and p. m. observations
defines positions for meridians,
respectively 0.4 in. N. and
identical with the meridian
established by the Polaris
observation.

Therefore I conclude
that the adjustments of the
instrument are satisfactory.
as described by the Surveyor.

I begin at the cor. of
secs. 35 and 36, on the S.
side in lat. $35^{\circ}05'$ N. long.
 $111^{\circ}42'$ W.

At 9 a. m. l. m. t. I set
off $2^{\circ}28'$ N. on the decl. arc,
 $35^{\circ}05'$ N. on the lat. arc,
and determine a true

Subdivisions and Retracements

Meridian

Thence I run

N. on S. bay. Sec. 35.

Over mountainous lands

Through dense pines.

39.90

The $\frac{1}{4}$ sec. cor. as described

by the Surveyor General

Bears N. 34 E. which

makes the bearing and

length of this $\frac{1}{2}$ mile

N. 89° 31' N. 39.90 chs.

Thence I run $88^{\circ} 21' N.$ ^{on a true line}

Over mountainous land

Descending diagonally

through dense pine

and oak timber.

11.70

Gyech from N. to N. E.

22.20

Leave gyech course from

S. N. to E.

of Tp. 20 N. R. 6 E.

ascend steep slope of
high mesa.

3993 Set a malpais 18x12x12 ins.
in a md. of stone cor. of
secs. 34 and 35, marked
with 2 notches on E. and
4 notches on N. edges
from which.

An oak 8 ins. diam. bears
N. 19° E. 52 lks. dist. marked.

T. 20 N. R. 6 E. S. 35 B. T.

An oak 10 ins. diam. bears
N. 19° W. 54 lks. dist. marked.

T. 20 N. R. 6 E. S. 34 B. T.

Land mountainous 79.83 chs.

Denser pines and oak. 79.83 chs.

Soil rocky. 4th rate.

Subdivisions and Retracements

- N. on a random line bet.
secs. 34 and 35.
- 40.00 Det temp. $\frac{1}{4}$ sec. cor.
- 80.30 The cor. of secs. 26, 27, 34
and 35, as described by
the Surveyor General bears
E. 18 lks.
Thence I run.
S. $0^{\circ}08'$ N. on a true line
bet. secs. 34 and 35
Over mountainous land
descending slope of mesa
diagonally.
- 40.15 Set a malpais $24 \times 8 \times 6$ ins.
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face
from which
An oak. 7 ins diam. bears
N. 86° E. dist. 63 lks. marked

of Tp. 20 N. R. 6 E

1/4 S. 35 B. 5

All oak 12 ins. diam. Trees
S. 71° N. 43 lbs. dist. marked

1/4 S. 34 B. 5

80.30

The cor. of secs. 34 and 35

Land mountainous 80.30 chs.

Dense oak brush 80.30 chs.

Soil none. Surface
covered with huge
volcanic boulders.

Sept. 17th 1902

Subdivisions and Retracements

Sept. 18th 1902: At 8 a.m. l.m.t.
I set off $20^{\circ}06'N$ on the decl. arc;
 $35^{\circ}05'N$ on the lat. arc; and
determine a true meridian with
the solar, at the cor. of secs. 34
and 35 thence I run.

$S. 88^{\circ}21'N$ on the S. side
of sec. 34

Ascending steep slope of
mesa, through dense brush.

39.00 Top of mesa. True $N. 10^{\circ}E$
and $S. 10^{\circ}N$.

39.94 The $\frac{1}{4}$ sec. cor. as described
by the Surveyor General.
Thence I run.

$S. 89^{\circ}49'N$.

39.80 The cor. of secs. 33 and 34
as described by Surv. Genl.
Dense brush 79.74 chs
Dense brush 79.74 chs
Soil rocky, 4th rate

f Tp. 20 N. R. 6 E.

N. bet. secs. 33 and 34.

40.15 The $\frac{1}{4}$ sec. cor. bet. secs. 33
and 34 as described by the
Surveyor General, which
makes the bearing and
length of this $\frac{1}{2}$ mile
N. 40.15 Chs.

Thence I run
North.

40.20 The cor. of secs. 27, 28, 33
and 34. as described by
the Surveyor General.
Land mountainous 80.20 Chs.
Thence pines and oaks 80.20 Chs.
Soil rocky, 4th rate.

Subdivisions and Retracements

E. lot, secs. 27 and 34

39.80 The $\frac{1}{4}$ sec. cor. as described
by the Surveyor General
Bears N. 55 Eks, which
makes the bearing and
length of this $\frac{1}{2}$ mile N.
89° 13' E. 39.80 chs.

Thence I run.

East.

39.95 The cor. of secs. 26, 27, 34
^{previously described}
and 35, bears N. 57 Eks,
which makes the bearing
and length of this $\frac{1}{2}$
mile N. 89° 11' E. 39.95 chs.
Land mountainous 79.75 chs.
These pieces ^{and} oaks. 79.75 chs.
Soil rocky 4th rate.

of Tp. No. 25 N. R. 6 E.

E. lot. secs. 26^{and} 35.

Over mountainous land.
Descending through
dense brush.

40.00

The $\frac{1}{4}$ sec. cor. as described
by the Surveyor General
bears N. 7 lks. which
makes the bearing and
length of this $\frac{1}{2}$ mile
N. 89° 54' E. 40.00 chs.

Thence Span

East.

39.90

The cor. of secs. 25 26 35
as described by the Surveyor Genl.
and 36ⁿ bears N. 8 lks.
which makes the bearing
and length of this $\frac{1}{2}$
mile N. 89° 53' E. 39.90 chs.

Land mountainous 79.90 chs.

Dense oak. 79.90 chs.

Soil rocky & th rate.

Subdivisions and Retracements

S. Lat. 35th and 36.

Over mountainous lands
Through dense pines^{and} oaks

39.85 The $\frac{1}{4}$ sec. cor. as described
by the Surveyor General,
which makes the bearing
and length of this $\frac{1}{2}$ mile
South 39.85 chs.

Hence I run
South.

39.95 The cor. of sects. 35 and
36. *previously described*
Land mountainous 79.80 chs
Dense pines and oaks. 79.80 chs.
Soil rocky, 4th rate.

of Tps 25 N. R. 6 E.

General Description.

The portion of this township covered by this survey is extremely rough and mountainous.

It is generally covered by a dense growth of pines and oaks, and dense oak brush.

Soil is very rocky, unfit for cultivation.

There are no settlers; neither is there any water.

Land is only fit for grazing purposes.

W. Oscarlicor.
W. S. Deputy Surveyor.

Table Latitudes Departures & Closing Errors.

BOOK 18
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See 35.				
N 89° 54' E	40.00	.07		40.00
N 89° 54' E	39.90	.08		39.90
South	79.80		79.80	
N 89° 31' W	39.90	.34		39.90
S 88° 21' W	39.93		1.15	39.92
N 0° 8' E	80.30	80.30		.18
		80.79	80.90	80.08
			<u>80.79</u>	<u>79.82</u>
		See 34.	.11	.26
S 0° 8' W	80.30		80.30	.18
S 88° 21' W	39.94		1.15	39.93
S 89° 49' W	39.80		.13	39.80
North	80.35 80.55	80.35		
N 89° 13' E	39.80	.55		39.80
N 89° 11' E	39.95	.57		39.95
		81.47	81.58	79.75
			<u>81.47</u>	<u>79.75</u>
			.11	.16

LIST OF NAMES.

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

W. Oscar Seer.

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

subdivisional lines of
T. 20 N. R. 6 E.

BOOK 367

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.

J. M. Lockwood, Chainman.

A. G. Johnson, Chainman.

Norman Cook, ^{Flagman} Chainman.

....., Chainman.

C. J. Schwartz, Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted W. Oscar Secon
United States Deputy Surveyor, in surveying all those parts or portions
of the subdivisional lines of Sp. 20
N. R. 6 E.

BOOK 367

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as 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.

- J. M. Lockwood, Chainman.
- A. Johnson, Chainman.
- _____, Chainman.
- _____, Chainman.
- W. J. Schwarz, Axman.
- _____, Axman.
- Norman Coote, Flagman.

Subscribed and sworn to before me this 19 day
of Sept, 1902

Will H. Holcomb,

County Clerk,
Notary Public.

SAN DIEGO, CAL.

By J. A. Stuey Deputy.

[SEAL.]

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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I, W Oscar Secor, United States

Deputy Surveyor, do solemnly swear that in pursuance of a contract
received from Hugh H. Price, United States

Surveyor-General for Arizona, bearing date of the 30

day of June, 1902, I have well, faithfully, and

truly, in my own proper person, and in strict conformity with the

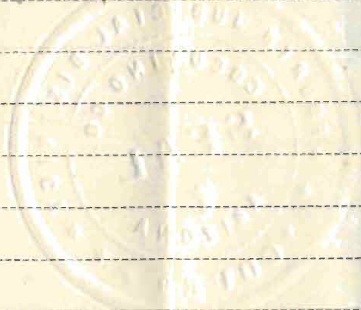
instructions furnished by the United States Surveyor-General for Ari-

zona, the Manual of Surveying Instructions, and the laws of the United

States, surveyed all those parts or portions of the subdivisional

lines of T₂₀ N. R. 6 E.

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of the Gila and Salt River Base and Meridian, in the Territory of Ari-
zona, as are represented in the foregoing field notes as having been sur-
veyed by me and under my direction; and I do further solemnly swear
that all the corners of said survey have been established and perpetu-

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ated in strict accordance with the Manual of Surveying Instructions, the special 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 TRUE 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.

W. Searles

U. S. Deputy Surveyor.

Subscribed and sworn to before me this 19 day of Sept, 1902

M. J. ...
Clerk District Court

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office of the U. S. Sur-General.

Phoenix, Arizona.

The foregoing field notes of the survey
of the Retractions & subdivisional
lines of T_p-20 N. R_y 6 E
of the Gila and Salt River Base and Mer-
dian, in the Territory of Arizona,
executed by W. Oscar Secor
U. S. Dep. Surveyor, under his contract
No. 102 dated 6/30 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 S. Ingalls
U. S. Surveyor General.