

Book "D"  
Amended  
RE-SURVEY TWO LINES IN.

T. 19 N. R. 4 E.

CONTRACT No. 99.

Subs.

BOOK 305

No 305

4-671

BOOK 305

305

FIELD NOTES  
GENERAL LAND OFFICE.

No 305

No-305 -

Field Notes  
of the Resurvey of the

Lines bet. Secs. 1 and 2 and  
2 and 3 -

Township no 19. north  
Range no 4 East.

of the  
Gila and Salt River  
Base and Meridian  
in the

Territory of Arizona  
as surveyed by

Francis B. Jacobs  
U.S. & S. Compassman

Under Contract no 99

Dated June 30, 1902

Survey commenced March 22, 1904

Survey completed March 24, 1904

Lines Bet. Secs. 1 and 2 - and 2 and 3

Names and duties of  
assistants

Edwin S. Jones chairman  
Fred W. Evans chairman

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T. 19 N.  
R. 4 E.

2A

PRELIMINARY OATHS OF ASSISTANTS.

We, Fred W. Evans  
and Edwin S. Jones

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; 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

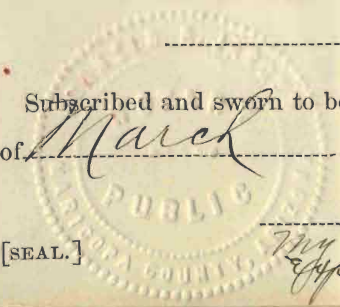
Subdivision lines Cave  
in  
T. 19. N. R. 4 E.

BOOK 305

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

Fred W. Evans, Chainman  
Edwin S. Jones, Chainman  
\_\_\_\_\_, Chainman  
\_\_\_\_\_, Chainman

Subscribed and sworn to before me this 15  
of March, 1904.



Francis Jacobs  
My commission expires March 3, 1908.  
Notary Public

[SEAL.]

19- N. R. 4 E.

Survey commenced  
March 22, 1904  
and executed with  
a Gurley Sight  
Mountain Transit (no number)  
with a Burt Solar  
attachment. —

I test the adjustment  
of the transit and Solar  
apparatus up on the  
meridian established  
by observation on Polaris  
March 16 and 17. at the  
 $\frac{1}{4}$  Sec. cor. on the S. bdy.  
of Sec. 33. T. 20 N. R. 4 E.  
full record of which  
is in the Book of <sup>amended</sup> ~~the~~ Survey  
of the North and West  
boundaries of T. 19. N.  
R. 4 E. at Pages 3- to 7

Line Bet Sec. 1 and 2

inclusive, filed  
herewith

March 22, 1904

March 24, at 7<sup>h</sup> a.m.  
l.m.t. I set off  $35^{\circ} 5' N$  on  
the lat. arc.  $1^{\circ} 27' N$  on the  
decl. arc and determine  
a true meridian with  
the solar at the 1/4 sec.

Cor. bet. Secs. 1 and 2  
which is a marble stone  $6 \times 10 \times 8$  ins above  
ground, properly marked and witnessed as  
said run thence  
*thence fore described*

$N 0^{\circ} 1' W$  on a true line  
bet. Secs 1 and 2.

Over Mountains  
land and through  
heavy timber

T. 19 N. - R. 4 E.

8.00  
~~8.00~~  
 28.75  
~~68.45~~

Descend

Canyon 200 ft deep course N. W  
 Ascend

33.74

Intersect N. bdy. of the  
 Sp. ~~10.00~~<sup>9.70</sup> chs. N. of the cor.

of Secs. 35 and 36 T20N-  
 R. 4 E. where I set

a Malpas stone 18 x 12 x 7 ins  
 12 ins. in the ground for  
 cor. of Secs. 1 and 2

marked with 1 notch on  
 E. and 5 notches on N.  
 edges. from which

A Pine 20 ins. in diam,  
 bears S.  $10\frac{3}{4}^{\circ}$  E 123 yds. dist.  
 Marked T. 19 N. R. 4 E. S. 1. B. T.

A Pine 40 ins. in diam.  
 bears S.  $65\frac{3}{4}^{\circ}$  W. 141 yds. dist.

marked T. 19 N. R. 4 E. S. 2. B. T.  
 the old cor. bears N. 01' W. which cor. T. 19 N.

and Mountains

Line Bet. Secs. 2 and 3

Soil 4, rate  
 Timber Pine and Oak  
 Mountainous and  
 heavily timbered land  
 33.77, lbs.

---

At the  $\frac{1}{4}$  Sec. cor. bet. Secs. 2 and 3.

March 24, 1904 I set off  
 $1^{\circ} 30' N.$  on the decl. arc  
 and at 12<sup>06</sup> m. l. m. t.

observe the Sun on the  
 meridian the resulting  
 latitude is  $35^{\circ} 5' N.$

at 1<sup>12</sup> P. m. l. m. t. same  
 date I set off  $35^{\circ} 5' N$  on  
 the lat arc.  $1^{\circ} 31' N.$  on the  
 decl. arc, and determine  
 a true meridian with  
 the Solar at the  $\frac{1}{4}$  Sec.  
 cor. bet. Secs. 2 and 3.



J. 19. N. - R. 4 E.

which is a Malpaisstone  
in place  $24 \times 18 \times 12$  ins. above  
ground properly marked  
and witnessed and  
run. Thence

N.  $0^{\circ} 1' N.$  on a true  
line bet. Secs. 2 and 3

Over mountainous  
land and through heavy  
timber and dense under-  
growth

Descend

21.20 Canon course W.

Ascend

23.50 Bluff 175 ft high bears  
E. and W.

Ascend

34.07 Intersect N. bdy. of the  
Sp. 9-96 chs. W. of the

Line Bet. Secs 2 - and 3 -

cor. of Secs 34 and 35

T. 20 N - T. 4 E:

where I set a

Limestone  $18 \times 14 \times 5$  ins.

12 ins. in the ground

for cor. of Secs 2 and 3.

Marked with 2 notches

on E. and 4 notches

on W edges from which

A Cedar 24 ins in diam

bears S  $78\frac{1}{4}^{\circ}$  W. 143 yds. dist.

Marked T 19 N - R 4 E, S. 3 - B. T.

No other trees within limits

I raise mound of stone

3 ft base 2 ft high W. of cor.

Pits impracticable

The old Sec. cor bears

N  $0^{\circ}$  1' W. which

cor. I destroy

T. 19 N. R. 4 E.

Sand Mountains

Oil & rate

Suber Pine oak and Cedar  
mountainous land heavily  
timbered land and land  
covered with dense under-  
growth 34.07 obs.

March 24, 1904

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Francis B. Jones Esq

U.S. G.S. Chief Surveyor

San Francisco, Cal.

March 25. at 10<sup>h</sup> am l.m.t.

I set off 35° 3' N. on the lat arc  
1° 52' N on the dist. arc and  
determine a true meridian  
with the Solar at the cor.

f. Secs 7-12-13 and 18 on  
the W. bdy. of the T.B.

## Line bet. Secs 7 and 18

East on a random  
line bet Secs 7 and 18

40-00 Set temp.  $\frac{1}{4}$  Sec. cor.

78-86 Intersect N. and S. lines  
4 lvs. N of cor. of Secs 8-9-16  
and 17.

Thence I run

N  $89^{\circ} 58' W.$  on a true line  
bet. Secs. 7 and 18.

Over mountainous land  
through dense undergrowth  
and heavy timber.

Descend along S. slope of  
N. rim of Sec Cañon

39-00 Top of rim of Sec Cañon  
bears S. E. and N. W

Descend

40.00 Set a mofpais stone  $18 \times 8 \times 6$  ins.  
12 ins. in the ground for  $\frac{1}{4}$   
Sec. cor. marked  $\frac{1}{4}$  on N. face

J. 19 N. - R. 4 E.

from which  
 A cedar 12 ins. in diam.,  
 bears S. 3 $\frac{1}{2}$ ° E. 69 lbs. dist.  
 marked  $\frac{1}{4}$  S. 18 - B.T.

A cedar 16 ins. in diam.,  
 bears N 3° W 26 lbs. dist.  
 marked  $\frac{1}{4}$  S. 7 B.T.

78. 86 The cor. of Secs. 7 and 12 - 13  
 and 18-

Land Mountaneous  
 Soil of the rate  
 Timber Cedar, Pine and East  
 Mountaneous and heavily  
 timbered land and land  
 covered with dense under-  
 growth 78. 86 chs.

Francis Jacobs  
 Commissioner  
 U. S. Deputy Surveyor

Given April 8. 1901

LIST OF NAMES. BOOK 305

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

*Francis B Jacobs*, *Chainman*,

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

*corrections in the*  
*Subdivision lines in*

*S. 19 N. R. 4 E.*

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

*Fred W. Coan*, Chainman.

*Edwin S. Jones*, Chainman.

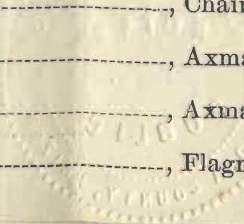
....., Chainman.

....., Chainman.

....., Axman.

....., Axman.

....., Flagman.



FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Francis B. Jacobs *Commissioner*  
United States Deputy Surveyor, in surveying all those parts or portions  
of the Corrections

Subdivision lines of

19 N. R. 4 E.

BOOK 305

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.

- Fred K. Evans Chainman.
- Edwin Jones Chainman.
- Chainman.
- Chainman.
- Axman.
- Axman.
- Flagman.

Subscribed and sworn to before me this 26 day  
of March, 1904

Francis B. Jacobs

*My Commission expires March 3, 1908*

Notary Public.

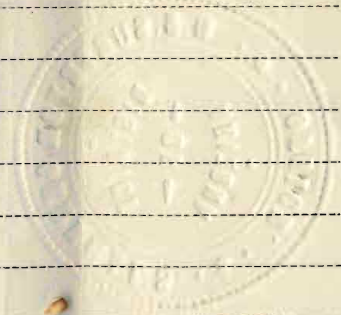
[SEAL.]

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

BOOK 305

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I, Francis B. Jacobs, United States  
~~Compass man for Andrew Barry D. S.~~  
 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 thirtieth  
 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 Subdivision  
al lines of T19N R4E (corrections)



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-



15 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.

*Francis Jacobs*  
-----  
comptroller U. S. Deputy Surveyor.

Subscribed and sworn to before me this 9----- day  
of May-----, 1904

*Frank A. Johnson*  
-----  
U. S. Surveyor General  
for Arizona

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BOOK 305

A P P R O V A L.

Office of the

United States Surveyor-General.

Phoenix, Arizona.

The foregoing field notes of the <sup>May 10 - 1904</sup> <sup>amended</sup> survey of *lines, bet. secs. 122, 248 248, of*

*T. 19 N., R. 4 E.*

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

Executed by *Francis B. Jacobs, Comptroller*

United States Deputy Surveyor, under his contract No. 99, dated *June 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.