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1739 BOOK 1739

# Field Notes

*Rebinding* BOOK 1739

*a portion of the*

*International Boundary*

*between*

*Monuments 13<sup>and</sup> 14.*

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*Gila and Salt River Base and Meridian*

**ARIZONA.**

By *Lewis Wolfley* D.S.

*Under contract dated Feb. 28<sup>th</sup> 1885.*

*Survey commenced April 30<sup>th</sup> 1886.*

*Survey completed May 1<sup>st</sup> 1886.*

1739

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1739

BOOK 1739

4-674.

Township 20 S., R. 3 E.

S. & S. R. B. & M.

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

*Monument*  
13

*Mexico*

37.50 ch.

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BOOK 1739

For description of instrument  
and preliminary paths see  
book No. 1.

Before beginning this line  
I carefully tested my  
instrument and found  
it to be correct.

April 30<sup>th</sup> 1886.



International boundary between the U.S.  
and Mexico -

Monument thirteen of the International boundary between the U.S. & Mexico is a Mound of Stone 5 ft high a 5 ft base located three 3 Chs. East of the Cobatec road, 20 links S. of a wash and 2 Chs N. of a low cliff of rock that forms the N. end of a low ridge bearing N + S. Stone very rough - no marks.

BOOK 1739

# International boundary between the U.S. and Mexico -

Chs Having found Monument No. thirteen (13) of the International boundary between the U.S. and Mexico and having after nearly two days search carefully located the location of Monument No. 14. which location could be distinctly seen from Monument No. 13. I set my instrument and found the course by it to be  $S. 69^{\circ} 20' E.$  from Mon. No. 13 to Mon. No. 14.

Thence I run -

$S. 69^{\circ} 20' E.$  along the International line -  $N. 13^{\circ} 02' E.$

1.50 Entos Wash cr. N.W.

## International boundary work

- Chs
- 4.25 Leave Wash cr. NW,
- 3390 Cross Trail to N.W. side,
- 4175 Cross Trail " " " "
- 8000 Set a Mesquite post 5 ft. long  
6 ins. sq. 2 ft in the ground  
dig 3 pits / Each side  
of post and on line and  
1 N. and built a mound  
of earth around post 2 1/2  
ft high 5 ft base.  
Mark post U.S. on N  
N. on S. I.B. on E & W faces  
with 1 notch on N. and X  
on E. faces  
Soil 2<sup>o</sup> rate  
Dense brushy  
Scat Mesquit trees



U.S. + Mexico Mon. 13. E.

Chs Thruce I run  
S.  $69^{\circ}20'$  E. along International line  
Va  $13^{\circ}02'$  E.

35.25 Cross Wash Cr. N.W.

8000 Set a Mesqut post 5 ft. long 5 in  
sq. 3 ft. in the ground Marker  
U.S. on N. M. on S. and I.B. on  
E. & W. faces with 2 notches on  
N. and X 1 on E. faces - dug  
pits  $24 \times 18 \times 12$  ins 5 ft from post  
1 on each side of post and  
along line 1 N. as raised  
a mound of earth  $2\frac{1}{2}$  ft high  
5 ft base around posts.

Soil 2 rate  
Dense brush  
Grass poor

International boundary line  
U S and Mexico. Mer 13 E.

Obs Truee I run along the Inter-  
national line S. 69° 20' E.  
Ta 13° 02' E.

37.50 Set a Palo Verde post for the  
Closing Cor. of the 4<sup>th</sup> standard  
S. G. & S.R. Meridian, with  
the International line - as  
heretofore described -  
May 20<sup>th</sup> 1886.

Soil 2<sup>d</sup> rate  
Scattig trees + ~~and grass~~  
grass poor  
Dense brush.



Final Oaths for Surveys.

LIST OF NAMES.

A List of the Names of Individuals employed by  
Lewis Wolfley U. S. Deputy Surveyor to  
assist in running, measuring and marking the lines and  
corners described in the foregoing Field Notes of the survey of  
the 4<sup>th</sup> Standard S. G. S. R.  
Meridian and International  
boundary

of the principal base and meridian in the Territory of Arizona,  
showing the respective capacities in which they acted.

Jos M. Cantlon Chairman  
J. C. Cowles  
J. A. Donovan  
Jose M. Vidal  
Isabel Vidal Monahan

Final Oaths of Assistants.

We hereby certify that we assisted Lewis  
Wolfley U. S. Deputy Surveyor, in surveying  
the 4<sup>th</sup> Standard South and  
the connecting lines on the  
Int. & Bdy of Mexico.  
Gila & Salt River Meridian

of the principal 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 es-  
tablished according to the instructions furnished by the U. S.  
Surveyor-General for Arizona.

James M. Canton Chairman  
J. O. Cowles  
Geo. A. Donovan  
Jose M. Vidal  
Isabel Vidal

Subscribed and sworn to before me this 10<sup>th</sup>  
day of May 1886  
Lewis Wolfley  
Notary Public.

Final Oath of U. S. Deputy Surveyor.

1 Lewis Wolfley

United States Deputy Surveyor, do solemnly swear that in

pursuance of instructions received from Royal

A. Johnson U. S. Surveyor General for Ari-

zona bearing date of the 2<sup>d</sup> day of March

1885 I have well, faithfully, and truly, in my own proper

person and in strict conformity, with the instructions furnish-

ed by the U. S. Surveyor General for Arizona, the surveying

manual and the laws of the United States surveyed the

4 Standards S. G. & S. R.  
Meridian and Retraicing  
of the International boundary

of the principal base and meridian in the Territory of Ari-

zona, as are represented in the foregoing fields notes as having

been surveyed by me and under my direction; and I do further

solemnly swear that all the corners of the said survey have been

established and perpetuated in strict accordance with the survey-

ing manual, printed instructions, the special written instruc-

tions of the U. S. Surveyor General for Arizona, and in the



10 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.

*Lewis Wolfley*  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this <sup>11<sup>th</sup></sup> .....

day of *May* ..... 188*6*

*John W. Gray*  
Notary Public.



U. S. Surveyor General's Office,

Tucson, Arizona, June 14 1886

The foregoing Field Notes of the Survey of the

retaining of the  
International Boundary  
bet. Mex. 1874

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by Lewis Wolfley

Deputy Surveyor, under his contract of the 25th

day of February, 1885, having been

critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved

John Hise  
Surveyor General.