

"A."

BOOK 1330

*Revised.*

SUR. OF South  $\frac{1}{2}$  West Edys.

East  $\frac{1}{2}$  T. 12 N. R. 26 E Lampport D.S.

Cont. No 49.

1330

4-671

BOOK 1330

**FIELD NOTES**  
**GENERAL LAND OFFICE.**

No. 1330

comford

Resurvey of East 1/2  
T 12 N R 26 E.

South Boundaries: 8.  
West " 14

BOOK 1330

No. 1330

BOOK 1330

Field Notes  
of the resurvey of the  
South and West Boundaries  
of  
Township No. 12 North  
Range No. 26 East  
of the  
Gila and Salt River Meridians  
Arizona  
as surveyed by  
James A. Lamport  
U.S. Deputy Surveyor  
Under his contract No. 49  
Dated May 1<sup>st</sup> 1899.

Survey commenced Nov. 13<sup>th</sup> 1898  
Survey completed Nov. 16<sup>th</sup> 1898

NAMES AND DUTIES OF ASSISTANTS.

Frank Omerio, Chainman.

Tom Chavis, Chainman

Frank Ruiz, Axman.

Peater Garito, Flagman.

BOOK 1330

INDEX.

Township 12 N. Range 26 E.

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7	8	9 <sup>20</sup>	10	11	12
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19	20	21	17 22	23	24
30	29	28	16 27	26	25
31	32	33	15 34	35	36
			14	13	12

I hereby certify that in the survey of the subdivisional lines of frac:1 Tshp 12 N. R. 26 E I found it absolutely necessary to resurvey the South and West boundaries of said fractional Township. for the reason that I could not base regular subdivisional surveys on the South boundary, or close within limits on the West boundary, in accordance with the book of printed instructions; and this resurvey was absolutely necessary in order to explain and justify my method of subdividing and the establishment by me of closing corners on the West boundary. James A. Sampson.  
U.S. Dep Surveyor.

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BOOK 1330

Preliminary Oaths of Assistants.

We, *Frank Omerio*

and *Tom Ohavis*

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; 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 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 <sup>re</sup> survey of the *South and West boundaries of the East 1/2 of Tract T. 12 N. R. 26 E.*

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

*Frank Omerio* Chainman.

*Tom Ohavis* Chainman.

Chainman.

Chainman.

Subscribed and sworn before me, this *13<sup>th</sup>*

day of *November* 189*9*

*James A. Sanford*  
Notary Public.

[SEAL.]

*U.S. Deputy Surveyor*

We, Peter Garito and 5

Frank Ruiz BOOK 1330

do solemnly swear that we will well and truly perform the duties of flagmen and axemen

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the <sup>re</sup> survey of the South

and West boundaries of the East  $\frac{1}{2}$  of Fract. T. 12 N. R. 26, E.

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

Peter Garito  
Frank Ruiz

Subscribed and sworn to before me this 13

day of November 1897

James A. Campbell  
Notary Public.  
U.S. Deputy Surveyor

# Resurvey of the South and West bdy's

BOOK 1330

## Special Instructions

" From the corner to sections 3, 4, 33 & 34 on the south bdy. of the township you will run east on a random line to S.E. cor. of the township searching carefully for the old corners at every 40 & 80 chains thence back on true course.

From the corner to sections 3, 4, 33 & 34 on the south bdy. of the township you will run north on a random line to closing corner to sections 3 & 4 on 3<sup>rd</sup> Standard, searching carefully at every 40 & 80 chains for old corners and noting their course and distance thence back on true course  
Township 11 N. R 26 E. and



East half.

only T. 12 N. R. 26 E.

BOOK 1330

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the western portion of T. 12 N., R. 26 E. having been surveyed, you will not change the position of any of the old corners on the two lines you are to re-survey, but re-establish them in their original position if lost or obliterated."

---

Resurvey of the South and West

Survey commenced Nov. 13<sup>th</sup> 1899 with a W. & G. E. Gurly, engineer's transit No. 15, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Tucson, found correct, and was approved by the Surveyor General for Arizona, July 10<sup>th</sup> 1899

I examine the adjustments of the transit, and correct the level and collimation errors;

frac. East half

boundaries of, T. 12 N., R. 26. E.

then to test the solar apparatus, by comparing its indications, resulting from solar observations, made during a. m. and p. m. hours, with a true meridian determined by observations on Polaris, I proceed as follows:

At the cor. of T. 11 and 12 N., R. 26 and 27 E., Latitude  $34^{\circ} 23'$  N., longitude  $109^{\circ} 32'$  W., I set off  $34^{\circ} 23'$  N. on the lat. arc;  $18^{\circ} 04'$  S. on the decl. arc; and at  $4^{\text{h}} 5'$  p. m. l. m. t. determine with the solar a true meridian and mark a point thereof, on a stone firmly set in the ground 5 Chs. N. of Cor.

At  $9^{\text{h}} 50'$  p. m. l. m. t. I observe Polaris at its upper culmination in accordance with Manual of

## Resurvey of South boundary.

Instructions, and mark a point in the line thus determined on the stone set 5 Chs. N. of Cor. This point falls 0.6 in E. of the mark determined by the solar.

Nov. 14; At 8.0<sup>m</sup> a.m. l.m.t. I set off  $34^{\circ} 23'$  on the lat. arc;  $18^{\circ} 15' S.$  on the decl. arc; and mark a point in the true meridian determined by the solar, by a cross on the stone already set 5 Chs. N. of my station: this mark falls 0.1 in East of the true meridian established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for true meridians, respectively about  $31''$  West and  $5''$  East of the meridian

frac. East half

BOOK 1330

11

of

T. 12 N. R. 26 E.

established by Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8.0<sup>m</sup> a. m. is  $N 12^{\circ} 40' W$ ; the angle thus determined, reduced by the table, page 100, gives the mean mag. decl.  $12^{\circ} 37' E$ .

From the cor. of Secs 3, 4, 33, & 34 on S. by, which is a Limestone  $12 \times 8 \times 6$  ins. above ground, firmly set, and properly marked and witnessed. I run East on a random line bet. secs. 3 & 34, 2 & 35 and 1 & 36, and at 3 miles and 96 lks. intersect N. and S. line 2.80 Chs. South of the cor. of T 5 11 and 12 N. R 5 26

Resurvey of the South boundary  
Chain  
and 27 E. which is a sandstone  
12 x 8 x 6 ins above ground firmly  
set and properly marked and  
witnessed Thence I run

S. 89° 20' W. on a true  
line bet. Secs. 1 and 36

to, 12° 37' E

40, 20 To the  $\frac{1}{4}$  sec cor. bet. secs 1 and  
36, which is a lava stone 12 x 6 x  
4 ins. above ground firmly set  
and properly marked and wit-  
nessed.

80, 42 To the cor. of secs. 1, 2, 35 and 36,  
which is a lava stone 14 x 10 x 4  
in a mound of stone properly  
marked and witnessed; The  
mound of stone has been partly  
destroyed and I rebuild it.

Land rolling, 80.42 chs.  
Soil, sandy 2<sup>d</sup> vote

frac. East half  
of T. 12 N. R. 26 E.

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13

no timber.

Nov. 14: At this cor. I set off  
18° 19' S. on the decl. arc; and,  
at 11.<sup>H</sup>45<sup>m.</sup> a.m. observe the sun on  
the meridian; the resulting lat.  
is 34° 23'.

S 89° 20' W.

bet. secs. 2 and 35

40.12 Paint 1/4 in. N. of 1/4 Sec cor. bet. secs  
2 and 35 which is a Lava stone

12 x 10 x 4 ins. above ground firmly set  
and properly marked and witnessed

48.50 A road, bet. N. and S.

80.24 To the cor. of secs. 2, 3, 34 and 35  
which is a Lava stone 16 x 8 x 4 ins  
lying on the surface; properly  
marked, reset stone 11 ins in the  
ground, and raised a mound of  
stones 2 ft. base 1 1/2 ft high N. of cor.

Resurvey of South boundary of T. 12 N. R. 26 E.

Chains

Land hilly 80.24 chs.

Soil. stony 3<sup>d</sup> rate

No timber

S. 89° 20' W bet. secs. 3 and 34

40.12 To point 2 lbs S. of 1/4 Sec Cor. bet.  
secs 3 and 34 which is a Lava  
stone 9x9x6 ins above ground  
firmly set, and properly marked  
and witnessed.

80.30 To the cor. of secs. 3, 4, 33 and 34  
previously described

Land rolling 80.30 chs.

Soil. sandy and stony

3<sup>d</sup> rate

No timber

Nov. 14 - 1899



Resurvey of West boundary of  
Frac. East half of T. 12 N. R. 26 E

BOOK 1830

15

From the cor. of secs. 34, 33,  
and 34, on the S. boundary of  
the T. sp. previously des-  
cribed. Thence I run  
North on a random line  
bet. secs. 33 & 34, 27x28,

21x22, 15x16, 9x10 and 3x4.

39, 50 To a point 150 lks east of the  
1/4 Sec. Cor. bet. Secs. 33 and 34  
which is a limestone 10x8x4 ins  
above ground, firmly set and  
properly marked and witnessed.

79, 85 To a point 298 lks east of the  
cor. of secs. 28 and 33, which is  
a limestone 12x10x6 ins. above  
ground, firmly set and properly  
marked and witnessed.

Land, rolling

Soil, sandy 3<sup>d</sup> rate

No timber

Resurvey of West boundary of  
chains

North bet secs. 27 and 28

39.87 To a point, 4.48 Chs. East of the  
 $\frac{1}{4}$  sec. cor. bet. secs. 27 and 28  
which is a limestone  $10 \times 10 \times 6$  ins.  
above ground, firmly set and  
marked and witnessed properly.

75.85 To a point 5.52 Chs East of the  
cor. of secs. 21 and 28 which is  
a lava stone  $16 \times 8 \times 6$  ins. in a  
mound of stone, and properly  
marked and witnessed.

The original post at this cor.  
had disappeared and had been  
replaced by the stone above  
described

~~Land rolling  
Soil sandy & d. rate  
no timber.~~

east half.

frac<sup>1</sup>/<sub>4</sub> T. 12 N. R. 26 E

chains

North bet. secs. 21 and 22

6.50

Enter very rough lava hills ascending to the N. and W.

39.77

To a point 7.45 Chs. East of the  $\frac{1}{4}$  sec cor. bet. secs 21 and 22 which is a lava stone  $24 \times 16 \times 9$  ins in a mound of stone, properly marked and witnessed.

80.04

To a point 9.74 Chs. East of the old closing cor. of secs. 22 and 27 a lava stone  $16 \times 12 \times 4$  ins. in a mound of stone, which I destroy.

97.80

To a point 10.75 Chs. East of the cor. of secs. 16 and 21 which is a lava stone  $14 \times 12 \times 12$  ins. in a mound of stone, properly marked and witnessed.Note: To verify this corner I ran west and at 40 chs. found the  $\frac{1}{4}$  sec. Cor. bet. Secs. 16 and 21 properly

Resurvey of the West boundary of  
Chairs

marked and witnessed  
Land, very rough and mount-  
ainous.

Soil, stony 3<sup>d</sup> rate,  
Timber, cedar and piñon  
Mountainous land. 91.30 Chs.  
Nov. 15<sup>th</sup>: At this cor. I set off.  
18°. 34' S. on the decl. arc; and,  
at 11.45<sup>m</sup> a.m. l.m.t. observe the  
sun on the meridian; the re-  
sulting latitude is 34°. 26'.

- North bet. secs 15 and 16  
40.00 To a point 11.40 Chs. East of the  
1/4 Sec Cor. bet. Secs. 15 and 16  
which is a lava stone 18x10x10  
ins. in a mound of stones, properly  
marked and witnessed.
- 68.62 To a point 11.85 Chs. East of old  
closing cor. of secs. 10 and 15 a

Final, East half of T. 12 N. R. 26 E.  
Chains

lava stone 16x10x6 in a mound  
of stone, properly marked and  
witnessed, which I destroy

80.00 To a point 13, 12 Chs East of the  
cor. of secs 9 and 16 which is a  
cedar post 5 ft. long 5 in. diam.  
properly marked and witnessed.  
note: The original stone at  
this cor. having disappeared, the  
cor. was reestablished by a local  
surveyor.

Land, mountainous and  
very rough.

Soil strong 4<sup>th</sup> rate

Timber, a few cedars.

Mountainous land 80 Chs.

Resurvey of the west boundary of  
Chain

North bet. secs 9 & 10

40.00 To a point 13.78 Chs. East of the  
1/4 Sec cor. which is a granite  
stone 10 x 6 x 6 ins. above ground  
firmly set and properly marked  
and witnessed.

Note: The original post is  
missing and was replaced  
by a local surveyor.

80.00 To a point 14.40 Chs. East of  
the cor. of secs. 4 and 9 which  
is a limestone 6 x 12 x 4 ins above  
ground, properly marked and  
witnessed.

Land mountainous  
Soil, sandy and stony 3<sup>d</sup> rate  
Timber, scattered cedars  
Mountainous land, 80 Chs.  
Note: No old closing cor was  
found on this mile

tract. East half of T. 12 N. R. 26 E.

Chains

44.00 North bet sees. 3 and 4  
To a point 15.00 Chs. East of the  
1/4 Sec. Cor. which is a limestone  
10x8x4 ins above ground, prop-  
erly marked and witnessed.

84.90 To a point 15.70 Chs East of the  
Closing cor. of sees. 3 and 4 on the  
Third standard parallel north.  
which is a limestone 10x10x6 ins.  
above ground, properly marked  
and witnessed.

~~Land mountainous and  
rough.~~

~~Soil gravelly 3<sup>d</sup> rate  
Timber a few cedars.~~

~~Mountainous land. 80.60 Chs.~~

Nov. 15-1858

Resurvey of the West boundary of  
Chain

From the closing cor. of secs  
3 and 4 previously described

Thence I run

S. 0°. 55' E on true line  
on East. body of sec 4

To 12.37 E

Ascending mesa, bet E. and W.

21.00 Top of mesa, 400 feet high

30.00 Gulch, 4 chs wide, Co N. E.

40.60 To the  $\frac{1}{4}$  sec cor. previously des-  
cribed

76.00 Arroyo 40 lks wide, Co N. E.

84.90 To the cor. of secs 4 and 9

previously described  
Land mt. 100.60 ch  
timber cedars, soil gravelly

S. 0°. 55' E. on East body,  
of sec 9.

23.30 Descend mesa, bet E. and W.

33.50 Foot of mesa, 400 feet high  
bet E. and W.



frac East half of T. 12 N. R. 26 E.

Chain

36.00

Road, bns E. and W.

36.40

Fence, bns E and W.

40.00

To the  $\frac{1}{4}$  Sec Cor. previously described

42.00

Leave fence and field, bns E and W.

43.00

Turn 80 lks wide, Co. West

45.00

Ascend Mesa, bns N.W. and S.E.

66.00

Top of mesa, 300ft. high,  
bns N.W. and S.E.

80.00

To the Cor. of secs. 9 and 16  
previously described

S.  $0^{\circ} 55'$  E. on East body of  
Sec. 16

40.00

To the  $\frac{1}{4}$  Sec Cor. previously described

80.00

To the Cor. of secs. 16 and 21  
previously described

Resurvey of the West boundary of  
Chain

S. 3° 15' E on East body  
of sec. 21

58.03 To the  $\frac{1}{4}$  sec. cor. previously  
described: Thence

S. 2° 08' E.

39.77 To the cor. of secs. 21 and 28  
previously described

S. 2° 08' E. on East body  
of sec 28

39.78 To the  $\frac{1}{4}$  sec. cor. previously  
described.

79.85 To the cor. of secs. 28 and 33  
previously described

S. 2° 08' E. on East body  
of sec 33.

39.95 To the  $\frac{1}{4}$  sec. cor. previously  
described

79.85 To cor. secs. 3, 4, 33 and 34

frac. East half of T. 12 N. R. 26 E.

previously described, and  
place of beginning  
Nov. 16<sup>th</sup> 1899

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Note: I found by retracing  
the third standard parallel that  
its course along the north  
boundaries of secs 1 and 2 is  
 $N 89^{\circ} 45' E$ .

The East body of sec 1 I  
also found by remeasuring, to  
be 101.40 chs.

The course of the Third Stand-  
ard, also, along the N. body of  
sec. 3. I found to be  $N 87^{\circ} 50' E$



of frac. E. half of T. 12 N. R. 26 E.

Closing errors.

Departures	
E	W
	7 43
	3 29
	3 92
95.05	
95.00	
159.96	
160 00	
	240.56
	240 96
<u>25</u>	
255 25	255 60
255.26	255 50
	255.26
	<u>255 25</u>
Error in Dep.	<del>.24</del> 35

James A. Lamport  
U.S. Deputy Surveyor

List of Names.

BOOK 28  
BOOK 1330

A List of the Names of the Individuals  
employed by James A. Kaufport  
U. S. Deputy Surveyor, to assist in running, meas-  
uring and marking the lines and corners described  
in the foregoing Field Notes of the <sup>rd</sup> survey of the  
South and West Boundaries of  
the East  $\frac{1}{2}$  of Tract T. 12 N.  
R. 26, E.

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

Frank Owens Chainman.

John Chavis Chainman.

Chainman.

Chainman.

Frank Ruiz Axeman.

Axeman.

Peter Gantz Flagman.

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BOOK 1330

# Final Oath of Assistants.

We hereby certify that we assisted *James A. Lamport* U. S. Deputy Surveyor, in resurveying all those parts or portions of the *South and West Boundaries of the East 1/2 of Tract T. 12, N. R. 26, E.*

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.

- Frank Ormrod* Chainman.
- Tom Chavis* Chainman.
- ..... Chainman.
- ..... Chainman.
- Frank Ruiz* Axeman.
- ..... Axeman.
- Peter Jaritz* Flagman.

Sworn to and subscribed before me, this *18<sup>th</sup>* day of *November*, 189*9*.

*James A. Lamport*  
Notary Public.

[SEAL.]

*U S Deputy Surveyor*

Final Oath of U. S. Deputy Surveyor. 30

BOOK 1330

I, James A. Lampert

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Royal A. Johnston~~ <sup>George A. Johnston</sup>, United States Surveyor-General for Arizona, bearing date of the 1<sup>st</sup> day of

May 1899 ~~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, <sup>re</sup>surveyed all those parts or portions of the South and West

Boundaries of the East 1/2 of  
Tract T. 12 N. R. 26 E.

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 me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific



29 BOOK 1330

31 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.

We, A. L. Resurveying and Cas. R.

James A. Lampert  
U. S. Deputy Surveyor

Sworn to and subscribed before me this 3 day of November 1890

N. S. Raylton  
Clerk of the Board of Commissioners

of the Gil the Terril foregoing and unde been in a and belie corner m instructic General }

(Seal)



BOOK 1330

Swor day of

[SEAL.]

Note.

For authority for interlineations  
see Dep. Lamber's letters to  
Dir. Genl. dated Nov. 3 and  
Nov. 9, 1900.

G. M. G.

- APPROVAL -

U.S. Sur'v. Gen'ls. Office,

Tucson, Ariz., *April 5<sup>th</sup>* 1900.

The foregoing field notes of the <sup>re</sup>sur-  
of the South and West Boundaries of the  
East  $\frac{1}{2}$  of Frac'l. T. 12, N., R. 26, E.  
of the Gila and Salt River Base and Meri-  
dian, in the Territory of Arizona, execut-  
ed by -----JAMES A LAMPORT-----  
U.S. Dep'y. Sur'v. under his Contract No.  
49, Ariz., dated May 1st. 1899, having been  
critically examined, and the necessary cor-  
rections and explanations made, the said  
field notes, and the surveys they describe  
are hereby approved.

George Christ

U.S. Sur'v. Gen'l.  
for Arizona..