

WEST AND SOUTH BOUNDARIES  
T 28 N. R. 3 E.

AND BOOK 1373  
FRACTIONAL

WEST BOUNDARY T. 27 N. R. 3 E.

1373

No. 1373

4-978

TROTTER

BOOK 1373

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**FIELD NOTES**  
GENERAL LAND OFFICE.



No. 1373

BOOK 1373

Field Notes  
of the Survey of the  
West and South  
Boundaries  
of  
Township 28 North Range 3 East,  
and Fractional <sup>West</sup> <sup>Boundary</sup> Twp. 27 North  
Range 3 East, of the  
Gila and Salt River Base  
and Meridian, of the  
Territory of Arizona  
as surveyed by  
James F. Trotter  
U.S. Deputy Surveyor  
under his contract No 69.  
Dated June 13<sup>th</sup> 1900.

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Survey commenced Oct 20, 1900  
Survey completed Nov 3, 1900.

## West and South B'dys

Names and duties of  
Assistants —

Chas Rawlins	Chairman
Peter Shaffer	Chairman
Jim Perkins	Moundman
J. T. Laverty	Axeman
Jas Graham	Axeman
Paul Brown	Flagman.

T 28 N R 3 E

Index

7th Standard Parallel N

1 7 6

12 10 7

13 13 18

T 28 N., R 3 E

24 15 19

25 17 30

36 19 31      32      33      34      35      36

22 + 24 + 26 + 28 + 29 + 31 +

6      5      4      3      2      1

1 33

T 27 N., R 3 E

## West Body

cls

Survey commenced Oct 20, 1900 and executed with a standard size W. and L. G. Gurley transit No.

The horizontal limb is provided with a vernier which reads to single minutes of arc, which is also the least count of the vernier of the latitude and declination arc.

The instrument was examined and tested at Tucson Arizona and found correct and was approved by the Surveyor General July 21, 1900.

Y 28 N R 3 E

chs

I examined the adjustments and found them correct. Longitude  $49^{\circ}23' N$ .  
 Oct 20. at 11<sup>h</sup>-22.5<sup>min</sup>, I set up my instrument at Standard cor Tps 28 + 29 N. Rs 2 and 3 East and test-observation on Polaris. I then set a plug 5 chs north of instrument.

Oct 20, 1900.

at Standard cor as described, Tps 28<sup>rd</sup> and 29 north Rs 2 and 3 East, Oct. 23 at 8 o'clock A.M. I set my instrument at station cor. Tps 28 + 29 N. Rs 2 + 3 E standard cor, same as night of Oct 20<sup>th</sup>, took sight on plug, noted

## West Boundary

magnetic variation to be  
 N.  $14^{\circ}40'E$ . I then turned  
 an angle of  $90^{\circ}W$ . and  
 run 4.16 chains West.  
 I established at this  
 point a cor for C. C. of  
 T<sub>28N</sub>. R<sub>2</sub> + 3 East.

A Pine post  $3\frac{1}{2}$  ft long  
 $4$  in square set 30 inches  
 in ground, marked  
 C. C. T. 28 N. on S. face  
 R. 2 E. S. 1 on W. face  
 R. 3 E. S. 6 on E. face  
 with 6 grooves on the  
 S. E. and W. edges,  
 From which

A Piñon tree  $12$  in diam  
 brs  $S. 51^{\circ}30'E$  309 lks dist  
 marked T 28 N. R. 3 E. S. 6 B. T.

A Piñon 14 ins diam

Y 28 N R 3 E

- chs  
 S  $78^{\circ}30'N$  162 lks dist.  
 marked, T 28 N. R 2 E. S 1 B. 7.  
 Thence I run  
 S. bet sec 1 and 6,  
 through dense cedars and  
 chico brush.
- 3.00 Cross dry wash course S.  $35^{\circ}W$ .
- 8.00 Begin steep ascent; enter  
 Pinons + Cedars.
- 11.00 Top of ascent
- 14.95- A forked Pinon on line  
 blazed & marked with 2  
 notches on N. and S. sides.
- 21.25- Begin descent.
- 30.00 Begin ascent.
- 35:00 Top of ascent.
- 35:40 Blazed Pine on line marked  
 with 2 notches on N. and S. sides.
- 37.50 Begin descent over abrupt-  
 rocky slope.



## West Boundary

- |       |  |
|-------|--|
|       | Clear timber   |
| 39.50 | Foot of slope,<br>Dry wash course S. 58° W.  |
| 40.00 | Set a Pine post 4 ft-long<br>4 ins square with marked<br>stone 36 ins in ground for<br>1/4 sec. cor. marked<br>1/4 S. 1 on W. + S. 6 on E. faces<br>Dig pits 18 ins square<br>6 ins deep on N. and S. side<br>of cor. <sup>3 ft clear</sup> Raise mid of earth<br>3 1/2 ft-base 2 ft-high W. of cor. |
| 44.00 | Enter heavy timber.  |
| 49.00 | Dry wash, course S 40° W.<br>Heavy brush.  |
| 50.50 | Blazed Pine tree on line<br>marked with 2 notches on<br>N. and S. sides.   |
| 61.20 | Cross shallow wash,<br>course West.  |

Y 28 N R. 3 E

chs  
 70.00 Begin gradual descent  
 80.00 Set Cedar post - 4 ft long  
 5 ins sq. 36 inches in the  
 ground for cor of secs  
 1, 6, 7 and 12, - marked  
 Y. 28 N. S 6 on N.E. face  
 R 3 E S 7 on S.E. face  
 R 2 E S 1 on N.W. face  
 S 12 on S W face  
 with 1 groove on N. and 5-  
 on S. edges.

From which

A Piñon tree 18 ins diam  
 brs N. 31° 30' E 80 lks dist-  
 marked: Y. 28 N. R 3 E S. 6 B. Y.

A Cedar tree 10 ins diam  
 brs N. 31° 18' W 102 lks dist.  
 marked Y. 28 N. R 2 E S. 1 B. Y.

No other bearing trees proper  
size in limit.

## Nest Boundary

chs

Dig pits 18 x 18 x 12 ins in  
each sec 5 1/2 ft- dist:  
and raise a mound of  
earth 4 ft- base, 2 1/2 ft high  
W. of cor.

Land mountainous + level.

Soil loam and stony.

Timber Piñon + Cedar

Timber and dense  
undergrowth 80.00 chs

South bet secs 7 and 12  
Through dense Piñons  
and Cedars.

20.00 Begin steep rocky ascent

25.00 Top of ascent

30.00 Gradual descent

40.00 Set Cedar post 3 1/2 ft-long  
4 ins sq, 30 ins in ground  
for 1/4 sec cor. marked 1/4 S

Y 28 N. R 3 E

chs

12 on W. face and S. on E. face.

From which,

A forked Piñon tree 15 ins  
diam brs N 84° W. 20 lks dist  
marked 1/4 S 12 B. Y.

A Piñon 10 ins diam brs  
S. 84° E. 40 lks dist marked  
1/4 S. 7 B. Y.

41.00 Dry wash 30 lks wide,  
course E.

Gradual descent.

41.30 Begin ascent.

45.00 Begin descent.

57.00 Dry wash 25 lks wide  
course S. 80° W.

66.00 Begin abrupt-rocky ascent.

70.00 Top of ascent.

77.00 Begin descent.

80.00 Set Cedar post 4 ft-long  
4 ins sq 36 ins in ground

## West Boundary

ch

for cor sec 7, 12, 13 and 18  
marked Y. 28 N. S 7 on N.E. face

R 3 E. S 18 on S.E. "

R 2 E S 13 on S.W. "

and S 12 on N.W. "

with 2 grooves on N. edge  
and 4 on S edge, from which

a Piñon tree 20 ins diam tree  
N. 48° E. 95 lks dist - marked  
T. 28 N. R 3 E. S. 7 B. T.

A Cedar 18 ins diam tree  
S 65° 30' E 57 lks dist, marked  
Y. 28 N. R. 3 E. S. 18 B. T.

A Piñon 8 ins diam tree  
S 60° 30' W 105 lks dist marked  
Y 28 N. R 2 E S 13 B. T.

A Piñon 12 ins diam tree  
N. 88° W 89 lks dist marked  
Y 28 N. R 2 E. S 12 B. T.

Land mountainous & level.

T 28 N. R 3-E

cls

Soil stony and loam  
 3<sup>rd</sup> and 4<sup>th</sup> rate,  
 Heavy timber 80 cls.  
 Oct 23, 1900

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South, bet secs 13 and 18  
 Gradual descent through  
 dense Pinons + Cedars.

- 8.00 Dry wash, course S 40° W.  
 14.00 Dry wash course S 50° W.  
 14.50 Leave timber, strike dense  
 undergrowth of Chico brush.  
 9.00 Enter timber again  
 Ascend steep rocky slope.  
 22.00 Top of ascent -  
 27.50 Blaze cedar on line, marked  
 with 2 notches on N + S. sides.  
 29.00 Gradual ascent -  
 40.00 Set a Cedar post - 3 1/2 ft. long  
 4 ins sq. 30 ins in ground

## West Boundary

dise

for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  S 13 on W. face + S 18 on E.  
 From which,

A Pinon 10 ins diam brs  
 S  $37^{\circ} 30'$  W 191 lks dist, marked  
 $\frac{1}{4}$  S 13 B.Y.

A Pinon 12 ins diam brs  
 N  $78^{\circ} 10'$  E 335 lks dist marked  
 $\frac{1}{4}$  S 18 B.Y.

55.00 Gradual ascent.

75.00 Dry wash course S  $45^{\circ}$  W

80.00 Set a Cedar post  $3\frac{1}{2}$  ft long  
 4 ins sq, with marked clone  
 24 ins in ground for cor  
 to secs 13, 18, 19 and 24  
 Marked  $728$  N. S 18 on N.E. face  
 R 3 E S 19 on S E ..  
 S 13 on N.W. ..  
 R 2 E. S 24 on S W ..  
 with 3 notches on N. and

Y. 28 N. R. 3 E.

3 on S edge. Dig pits  
18x18x12 ins in each sec  
3 1/2 ft. dist. raise end of  
earth 4 ft. base 2 ft. high W. of cor.  
Soil loam and rocky.

4th rate.

Timber Piñons and Cedars.  
Mountainous, timber +  
Dense undergrowth 80 chs

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South bet secs 19 and 24  
Through scrubby Piñons  
+ Cedars and dense under-  
growth of Chico brush.

26.00 Enter flat; circular in  
form dense chico brush.

30.00 Enter scattering timber.

40.00 Set Cedar post, with mark-  
ed stone; post being 4 ft. long  
4 ins sq. 36 ins in ground



## West Boundary

chc

for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  S 19 on E +  $\frac{1}{4}$  S 24 on W. faces.

Dig pits 18x18x18 ins on  
 line N. + S of post 3 ft-dist.  
 raise mound of earth 3 ft-base  
 $2\frac{1}{2}$  ft-high W. of cor.

50.00

Dense underbrush of Chico  
 continues.

69.00

Begin descent.

80.00

Set a limestone 20x14x6 ins  
 12 ins in ground for  
 cor sec 19, 24, 25 and 30,  
 marked with 2 grooves on  
 S. and 4 on N. edges.

Dig pits 18x18x12 ins in  
 each sec  $5\frac{1}{2}$  ft-dist. raise  
 mound of earth 4 ft-base  
 2 ft-high W. of cor.

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

Timber Cedar + Pinon

Y 28 N R 3 E

cls	Dense brush. Chico 80 cls
	South bet sec 25 and 30 One rolling ground. Dense Chico brush.
15.00	Begin ascent.
20.00	Rough broken ground
40.00	Set limestone 20x12x6 ins 12 ins in ground for $\frac{1}{4}$ sec cov marked $\frac{1}{4}$ . 3 on W. face. Dig pit 18x18x12 ins on line N & S. of cov. 3 ft - dist. Raise mid. of earth 3 ft - base 2 ft - high W. of cov.
50.00	Cross ledge 50 ft high, course W. Continue ascent
58.00	Enter dense Pinon, and Cedar timber.
80.00	Set limestone 20x12x8 ins 12 ins in ground for cov

## West Boundary

cls

secs 25, 30, 31 and 36  
 marked 1 groove on S, and  
 5 on N. edges, from which  
 A Piñon tree 20<sup>in</sup> diam tree  
 N 37° 30' E 54 lks dist, marked  
 T 28 N. R 3 E S 30 B. T.

A Piñon 12<sup>in</sup> diam tree  
 S 14° 10' E 24 lks dist marked  
 T. 28 N. R 3 E S 31 B. T.

A Piñon 13<sup>in</sup> diam tree  
 S 64° 10' W, 136 lks dist, marked  
 T 28 N. R 2 E S 36 B. T.

A Piñon 18<sup>in</sup> diam tree  
 N 53° 30' W 95 lks dist marked  
 T 28 N R 2 E S 25 - B. T.

Land rolling

Soil rocky 4<sup>th</sup> rate  
 Timber Piñon and  
 Cedar.

Heavy timber or dense

428 N R 3 E

Chico brush 80.00 chs  
 Oct 24, 1900

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South bet secs 31 and 36  
 Through scattering Piñon  
 and Cedar and dense  
 undergrowth Chico brush.

9.00 Begin descent

25.00 Heavy timber

40.00 Set limestone 18x10x8 ins  
 12 ins in ground for  $\frac{1}{4}$  sec  
 cov. marked  $\frac{1}{4}$  S on N. face.

Dig pits 18x18x12 ins on line  
 N. and S of cov 3 ft - dist.

Raise end of earth  
 2  $\frac{1}{2}$  ft - base 2 ft high N. of cov.

70.00 Sparse timber.

50.00 Set limestone 18x12x12 ins  
 12 ins in ground for cov  
 of Tps 27 and 28 North

W. Bdy. T 28 N R 3 E  
 lbs

Ranges 2 and 3 East.  
 marked with 6 grooves  
 on each edge.

Dig pits 24 x 24 x 12 ins  
 on each line N. E. and W.  
 4 ft - and S. of stone 8 ft. dist.  
 and raise a mound of  
 earth 5 ft - base 3 ft - high  
 S. of cov.

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

Timber Cedar & Piñon  
 Dense undergrowth of  
 Chico brush 80.00 lbs  
 Oct 25<sup>th</sup> 1900

South Bdy 7.28 N. R. 3 E.

Oct 25<sup>th</sup> 1900, at 11<sup>h</sup> 03<sup>m</sup> P.M.  
 I set up my transit at station at Township cor Tps 28 + 27 N R. 3 + 4 E. and took an observation on Polaris at upper culmination. I then set a peg in line 5 chs north of station. This peg fell on line of the East-Bdy of Tps 28 N. R. 3 E. I then turned an angle of 90° 00' W.

I noted magnetic var to be N. 14° 40' E.

Oct 26, 1900 at 8<sup>h</sup> A.M. cont. I set up my instrument on station at cor Tps 27 + 28 N R. 3 + 4 E took sight on peg that I

## South Boundary

cls

set last night, turned  
an angle of  $90^\circ$  W. and  
run W. as follows, on  
random futtling temp  
 $\frac{1}{4}$  and see core

477.5-2 West Bdy Tps 28 N. R. 3 E.  
I fell 192 lks South of cor  
of Tps 27 and 28 N Rs 2 + 3 E.  
Thence I run  
S  $89^\circ 46' E$  bet see 6 + 31 on  
true line.

Through dense Chico brush  
& scattered timber

37.5-2 Set a limestone  $30 \times 12 \times 5$  ins  
2.2 ins in ground for  $\frac{1}{4}$  sec  
cov. marked  $\frac{1}{4}$  S on N. face.  
Dig pits  $18 \times 18 \times 12$  ins on  
line E. and W. of cov. 3 ft. dist.  
Raise a mound of earth  
and stones  $3\frac{1}{2}$  ft. base

Y 28 N R 3 E

cls

2 ft high N. of cor.  
 No bearing trees available.  
 Contain through dense  
 Chaco brush and scattered  
 timber.

77.5-2 Set a limestone 20x10x6 ins  
 14 ins in ground for cor  
 sec 5, 6, 31 and 32, marked  
 with 1 notch on W, and 5 on  
 E edges.

A Pine tree 12 ins diam  
 br S 74° 45' E 88 lks dist marked  
 T. 27 N. R 3 E S 5 B.Y.

A Piñon 8 ins diam br  
 S. 45° W 57 lks dist, marked  
 Y 27 N. R 3 E S 6 B.Y.

A Piñon 16 ins diam br  
 N. 11° W 81 lks dist marked  
 Y 28 N. R 3 E S 31 B.Y.

A cedar 12 ins diam br



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## South Boundary

chs

brs N  $11^{\circ}30'$  E 119 lks dist; marked

T 28 N. R 3 E S 32 B. G.

Soil 3<sup>d</sup> rateDense timber and Chico  
break 77.52 chs.S  $89^{\circ}46'$  E bet secs 5 & 32

Though Dense timber.

Pitton &amp; Cedar.

40.00

Set a sandstone  $20 \times 12 \times 8$  ins14 ins in ground for  $\frac{1}{4}$  seccov, marked  $\frac{1}{4}$  S on N. face

A Pitton tree 12 ins diam

brs N.  $60^{\circ}$  E. 28 lks dist marked $\frac{1}{4}$  S 32 B. G.

A Pitton 16 ins diam brs

S  $22^{\circ}30'$  N 33 lks dist marked $\frac{1}{4}$  S 5-B. G.

80.00

Set a limestone  $18 \times 12 \times 8$  ins

12 ins in ground for cov

BOOK 1373

Y 28 N R 3 E

class

secs 4, 5, 32 and 33, marked  
with 2 notches on W. and 4  
on E. edges.

A Pine tree 6 ins diam brs  
N  $7^{\circ} 30' E$  52 lks dist marked  
Y 28 N. R 3 E S 33 B.Y.

A Pine 14 ins diam brs  
S  $17^{\circ} E$ . 63 lks dist, marked  
Y 27 N. R 3 E S 4 B.Y.

A Pine 16 ins diam brs  
S  $8^{\circ} W$  82 lks dist marked  
Y 27 N. R 3 E S 5 - B.Y.

A Cedar 10 ins diam brs  
N.  $68^{\circ} W$ . 104 lks dist marked  
Y 28 N. R. 3 E, S. 32 B.Y.

Soil 3<sup>rd</sup> and 4<sup>th</sup> rate.

Dense timber and  
Chico brush

80.00 chains

## South Boundary

dis

South  $89^{\circ} 46' E$  bet secs 4 + 33

Through dense timber

also dense brush Chico,

40.00

Set sandstone  $24 \times 12 \times 4$  ins

18 ins in ground for

 $\frac{1}{4}$  sec cor, marked  $\frac{1}{4} S$  on N

face.

A Pine tree 14 ins diam

br N.  $32^{\circ} 30' E$  78 lks distmarked  $\frac{1}{4} S. 33 B. Y.$ 

A Pine 10 ins diam br

 $S 21^{\circ} N$  67 lks dist marked $\frac{1}{4} S. 4 B. Y.$ 

80.00

Set a sandstone  $24 \times 8 \times 4$  ins

18 ins in ground for cor

secs 3, 4, 33 and 34

marked 3 notches on

E, and 3 on N edges.

A Pine tree 12 ins diam

br N  $13^{\circ} 30' E$ , 52 lks dist marked

Y 28 N R 3 E

chr

Y 28 N R 3 E S 34 B. Y.

A Pine tree 14 ins diam  
 brs S 66° 30' E 13 lks dist marked

Y. 27 N. R 3 E S 3 B. Y.

A Pine tree 14 ins diam brs  
 S 57° 30' W 74 lks dist marked

Y 27 N. R 3 E S 4 B. Y.

A Pine tree 12 ins diam brs  
 N. 53° 45' W 5-7 lks dist, marked

Y. 28 N. R 3 E S 33 B. Y.

Dense timber and under-  
 brush, Chico.

Soil 3<sup>rd</sup> and 4<sup>th</sup> rate

Timber Cedar, Pine and  
 Piñon

Dense timber and  
 underbrush "Chico"

80,000 chains

Oct 26, 1900

## South Boundary

cho

South  $89^{\circ}46'E$  bet secs 3 & 34  
Through timber Cedar & Pine  
Dense chico brush

40.00

Set a sandstone  $24 \times 8 \times 4$  ins  
18 ins in ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4} S$  on N. face,  
from which,

A Cedar tree 14 ins diam bore  
 $N 56^{\circ}45'E$  232 lks dist marked  
 $\frac{1}{4} S, 34 B.Y.$

A Pine 12 ins diam bore  
 $S 1^{\circ} W$  204 lks dist marked  
 $\frac{1}{4} S 3 B.Y.$

80.00

Set a sandstone  $24 \times 2 \times 4$  ins  
18 ins in ground for cor  
to secs 2, 3, 34 and 35:  
marked with 2 notches on E.  
and 4 on W. edges.

From which,

A Pine tree 14 ins diam

428 N R 3 E

chs

brs N 5° 30' E 310 lks dist marked

428 N R 3 E S 33 B.Y.

a Pine 10 ins diam brs

S 42° 30' E 233 lks dist, marked

427 N. R 3 E S 2 B.Y.

a Pine 12 ins diam brs

S 52° 30' N 104 lks dist marked

427 N. R 3 E S 3 B.Y.

a Pine tree 8 ins diam brs

N 63° 30' N 108 lks dist marked

428 N R 3 E S 34 B.Y.

Soil 3<sup>rd</sup> + 4<sup>th</sup> rate

Dense timber Cedars + Pinon

Dense underbrush 80.00 chs

S 89° 46' E bet secs 2 + 35 -

Through dense Cedar + Pinon  
and underbrush

4000

Set a sandstone 18x12x4 ins  
12 ins in ground for 1/4 sec

## South Boundary

chs

cor marked  $\frac{1}{4}$  S on N. face  
 From which

A Pine 10 ins diam brs  
 $N 25^{\circ} 15' E$  44 lks dist marked  
 $\frac{1}{4}$  S 35-B.Y.

A Pine 12 ins diam brs  
 $S 47^{\circ} 45' E$  49 lks dist, marked  
 $\frac{1}{4}$  S 2 B.Y.

80.06

Set a sandstone  $24 \times 18 \times 8$  ins  
 18 ins in ground for cor  
 see 1, 2, 35 and 36 marked  
 with 1 groove on E and 3 on  
 W. edges, from which  
 A Pine tree 10 ins diam brs  
 $N 84^{\circ} 30' W$  148 lks dist marked  
 $Y 28 N. R 3 E S 35-B.Y.$

No other trees available  
 Pits impracticable  
 Ground very stony  
 Soil 3rd + 4th rates.

728 N. R. 3 E.

cls

Dense Cedars and Piñon  
and underbrush 80.00 cls  
Oct. 27, 1900

S 89° 46' E bet secs 1 and 36  
Dense timber Piñon + Cedars  
and underbrush

40.00

Set a sandstone 30x8x4  
ins 22 ins in ground for  
1/4 sec cov marked 1/4 S on  
N. face, from which,  
a Piñon tree 10 ins diam  
brs S 2° 30' W 37 lks dist  
marked 1/4 S 1 B. Y.

A Pine 14 ins diam brs  
N 21° 30' W 5 lks dist marked  
1/4 S 36 B. Y.

80.00

Cov Sps 27 + 28 North  
Rs. 3 + 4 East.  
Soil 4 th rate



S. Bdy T 28 N R 3 E  
chs

Timber and dense  
underbrush 80.00chs

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The soil is 3<sup>rd</sup> & 4<sup>th</sup> rate  
unfit for agriculture  
The timber is Pine  
Piñon + Cedar.

There are no settlements  
on the Townships.

The land is generally  
level.

Oct 30<sup>th</sup> 1900.

Yr Bdy T 27 N R 3 E

cls

November 2<sup>nd</sup> at the South West corner of Yr 28 N. R 3 E.

I set up my instrument at 10<sup>h</sup> 31<sup>m</sup> 36<sup>s</sup> P.M. I met I observed Polaris thus obtaining the true meridian. I then set a peg 5' cls north of instrument, to retain meridian.

at this station the  
latitude is  $35^{\circ} 43' 26''$  N  
Longitude  $112^{\circ} 05' 42''$  E  
Nov. 2, 1900

Nov 3, I set up instrument on station at South West cor Yr 28 N R 3 E (same as last night) took sight on my peg which gives me true meridian

## West Boundary

cls

I then noted magnetic  
Var. to be N.  $14^{\circ} 40' E$ .

I then turned an angle  
of  $180^{\circ}$  and ran due South  
as follows.

S. bit sec 1 and 6

Over level ground.

Dense Chico brush & scat-  
tered Cedars.

40.00 Set a limestone  $14 \times 6 \times 6$  ins  
9 ins in ground for  $\frac{1}{4}$  sec.  
cov marked  $\frac{1}{4}$  on N. face.  
dig pits  $18 \times 18 \times 12$  ins on  
line N + S of cov 3 ft. dist.  
raise mound of earth  
 $3\frac{1}{2}$  ft base 2 ft high N.  
of cov.

50.00 Gradual ascent

60.00 Level ground

80.00 Set a limestone  $16 \times 8 \times 6$  ins

727 N R 3 E

chs

12 ins in ground for  
 cor to secs 1, 6, 7 and 12  
 marked with 1 notch on N.  
 and 5 on S. edges

Dig pits 24 x 18 x 18 ins in  
 each sec 5 1/2 ft. dist.  
 raise mid of earth 3 ft.  
 base 2 1/2 ft high W. of cor.  
 Soil 3rd & 4<sup>th</sup> rate

Timber & dense un-  
 dergrowth 80.00 chs

Nov. 3, 1900

Description of Townships  
 This Sp. (727 N. R 3 E.) is  
 a level, rocky, partly  
 timbered tract of ground  
 with dense growth  
 of Chico brush on it.

H. Bdy. 727 NR 3 E.

No settlements.

Soil 3<sup>rd</sup> + 4<sup>th</sup> rate

37 Boundaries of T. 28 N., R. 3 E.

Latitudes, Departures & Closing Errors.

Line	True Bearing	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
7th S. line	East	477.61			477.61	
E. Bdy.	South	480.00		480.00		
S "	N. 89° 46' W.	477.52	2.24			477.52
W. "	North	480.00	480.00			
Convergence					.52	
			482.24	480.00	477.13	477.52
			480.00		477.52	
Error in lat.			2.24		0.61	
					Error in Dep.	

Boundaries of T. 27 N., R. 3 E. Tract 38

Latitudes, Departures & Closing Errors.

Line Designated	True Bearing	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
1. Body.	S. 89°46'E	477.52		2.24	477.52	
2. "	South	80.00		80.00		
3. "	N. 89°33'W.	80.00	0.63			80.00
4. "	N. 89°41'W.	80.00	0.44			80.00
5. "	N. 89°38'W.	80.44	0.57			80.44
6. "	N. 89°40'W.	80.20	0.40			80.20
7. "	N. 89°32'W.	79.90	0.19			79.90
8. "	N. 77°37'W.	77.67	0.54			77.67
9. "	North	80.50	80.50			
Convergence					.52	
			82.71	82.24	478.04	478.21
			82.24			478.04

Error in lat = 0.47

Error in dep = 0.17

No. 1373

BOOK

1373

39

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

March 11, 1901.

The foregoing field notes of the survey of West 2<sup>d</sup> & Bdy. T. 28 N R 3 E  
of Fractional in Bdy 7.  
executed by James F. Potter D.S.  
under his contract No. 77 dated June  
13, 1900, having been critically  
examined, and the necessary corrections  
and explanations made, the said field  
notes, and the surveys they describe,  
are hereby approved.

*George Christ*  
U. S. Surveyor General for Arizona



Friday

West Bdry	T 28 N R 3 E	4
South "	T 28 N R 3 E	21
West "	T 27 N R 3 E	33

A list of the names of  
 individuals employed by  
 James F. North U.S. Deputy  
 Surveyor to assist in  
 running measuring marking  
 the lines and corners described  
 in the foregoing field notes  
 of the survey of the East  
 West and South Boundary  
 of Township 28 North Range  
 3 East of the 5th and  
 Salt River Base and meridian  
 in the Territory of Arizona  
 - Showing their respective  
 capacities in which they  
 acted -

- |                      |          |
|----------------------|----------|
| <u>Paul B. Board</u> | Surveyor |
| <u>Chas Rawlin</u>   | Chairman |
| <u>Peter Shaffer</u> | Chairman |
| <u>James Perkins</u> | Recorder |
| <u>Jos Graham</u>    | Recorder |
| <u>J. J. ...</u>     | Recorder |

Sworn to and subscribed before me  
 this 25th day of July - 1904

Notary Public

FINAL OATH OF ASSISTANTS.

41

We hereby certify that we as-  
sisted James F. Trotter, U. S. De-  
puty Surveyor, in surveying all  
those parts or portions of the

East West and South Bound  
Lines of Township 28 North  
Range - 3 East

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 re-  
spects, to the best of our knowledge  
and belief, well and faithfully sur-  
veyed, and the corner monuments es-  
tablished according to the instruc-  
tions furnished by the United States  
Surveyor General for Arizona.

BOOK 1373

Paul Brown - Nazwan  
Chas Rawlins - Chairman

Peter Shaffer - Chairman

Jim Perkins - Member

James Graham - Member

J. J. Laverty - Member

Sworn to and subscribed before me,  
this Seventh day of July - 1901.

My Commission  
expires on 2<sup>o</sup> - 1904

Francis Jacobs  
Notary Public.

## Preliminary Oaths of Assistants.

We, Charles Rawlinsand Peter Shaffer

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 survey of the East West

and South Boundaries  
of Township 28 North  
Range 3 East

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

Chas Rawlins Chainman.

Peter Shaffer Chainman.

J. J. [unclear] Chainman.

[unclear] Chainman.

Subscribed and sworn before me, this Sixteenth

day of October 1900 189

Francis Jacobs

Notary Public.

My Commission Expires March 22 1904

[SEAL.]

Preliminary Oaths of Assistants.

We *Chas Rawlin*  
 and *Peter Shaffer*  
 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 survey of the *North one*  
*mile of the East & west*  
*Boundaries, of Township*  
*27 north Range 3 East.*

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

*Chas Rawlin* Chainman.

*Peter Shaffer* Chainman.

\_\_\_\_\_ Chainman.

\_\_\_\_\_ Chainman.

Subscribed and sworn before me, this *5* *1900*

day of *October* 1900 189

*Francis Jacobs* Notary Public.

*My commission expires* [SEAL] *24 1904*

BOOK 111

WEST VIRGINIA STATE ARCHIVES  
 DEPARTMENT OF STATE  
 CHARLESTON, WEST VIRGINIA

STATE OF WEST VIRGINIA  
 COUNTY OF \_\_\_\_\_

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared \_\_\_\_\_, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Notary Public for West Virginia

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PRELIMINARY OATH OF ASSISTANT

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We Emery Miller  
and J. W. Donnelly  
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  
stitching or dropping the same;  
that we will report the true  
distance to all notable objects  
and the true lengths of all lines  
that we will assist in measur-  
ing, to the best of our skill  
and ability, and in accordance  
with instructions given us in  
the survey of the fractional

Township 27 North  
Range 3 East

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

Emery Miller Chairman

J. W. Donnelly Chairman.

sworn to and subscribed before  
me, this Sixteenth day of October  
1900

Francis B. Jacobs  
Notary Public

My commission expires Feb. 2<sup>nd</sup> 1904



FINAL OATH OF ASSISTANTS.

BOOK 1373

We hereby certify that we as-  
sisted James F. Trotter, U. S. De-  
puty Surveyor, in surveying all  
those parts or portions of the

fractional Townships  
27 North Range 3 East

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 re-  
spects, to the best of our knowledge  
and belief, well and faithfully sur-  
veyed, and the corner monuments es-  
tablished according to the instruc-  
tions furnished by the United States  
Surveyor General for Arizona.

Emory Miller *Chairman*

J. W. Donnelly *Chairman*

Frank Wilson *Recorder*

Henry H. Thompson *Recorder*

Edward Leppan *Recorder*

Sworn to and subscribed before me,  
this Seventh day of July, 1901.

My commission Francis Jacobs  
expires Feb 2<sup>d</sup> 1904 Notary Public





445

46

PRELIMINARY OATH OF ASSISTANTS

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We Emery Miller  
and J. W. Donnell  
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 line  
that we will assist in measur-  
ing, to the best of our skill  
and ability, and in accordance  
with instructions given us in  
the survey of the Township

28 North, Range  
3 East

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

Emery Miller Chairman

J. W. Donnell Chairman.

Sworn to and subscribed before  
me, this Sixteen day of October  
1900

Francis B. Jacobs  
Notary Public

My commission expires Nov 2 1904

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7

List of Names.

A List of the Names of the Individuals  
employed by *James F. Trotter*

U. S. Deputy Surveyor, to assist in running, meas-  
uring and marking the lines and corners described  
in the foregoing Field Notes of the survey of the

*2228 N. R. 3 E -*

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

*Emery Miller* - Chainman.

*J. M. Donnelly* Chainman.

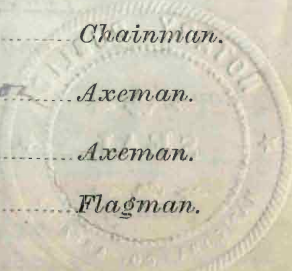
Chainman.

Chainman.

*Harry H. Thompson* Axeman.

*Frank Wilson* Axeman.

*Edward Leppin* Flagman.



Final Oath of Assistants.

We hereby certify that we assisted *James J. Droller* U. S. Deputy Surveyor, in surveying all those parts or portions of the *Township 28 north Range 3 East*

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.

Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman. *mountain*

Flagman. *Flagman*

Sworn to and subscribed before me, this *Sevent*

day of *July*, *1890* 1901.

*Francis Jacobs*  
Notary Public.

[SEAL.] My commission expires *Feb 2 1904*

List of Names

BOOK 1873

A list of the names of the  
 individuals employed by  
 James F. Trotter, U.S. Deputy  
 Surveyor to assist in running  
 measuring & marking the line  
 and corners described in the  
 foregoing Field notes of the  
 survey of the north one  
 mile of East the Do East  
 and West Boundaries of  
 Township 28 North Range  
 3 East. - of the Gila and  
 Salt River and Base &  
 meridian in the Territory  
 of Arizona, showing the  
 respective capacities in  
 which they acted.

- |              |           |
|--------------|-----------|
| Paul Brown   | Flagman   |
| Chas Rawlins | Chamman   |
| Patr Sheffer | Chamman   |
| Jim Perkins  | Measurman |
| Geo Graham   | Measur    |
| Geo. Shaw    | Measur    |

Sworn to and subscribed before me  
 this 2nd day of Nov 1901

Notary Public

FINAL OATH OF ASSISTANTS.

50

8781 BOOK 1373

We hereby certify that we as-  
 sisted James T. Trotter, U. S. De-  
 path Surveyor, in surveying all  
 those parts or portions of the North  
one mile of each the East  
and West Boundaries of Township  
29 North Range 3 East  
 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 re-  
 spects, to the best of our knowledge  
 and belief, well and faithfully sur-  
 veyed, and the corner monuments es-  
 tablished according to the instruc-  
 tions furnished by the United States  
 Surveyor General for Arizona.

Paul Brown - Hagerman  
Chas Rauline Chairman

Peter Shaffer Chairman

Jim. Perkins Chairman

James Graham. Assessor

J. T. Laverty. Assessor

Sworn to and subscribed before me,  
 this Seventh day of July 1904.

my commission  
 expires Nov 7<sup>th</sup> 1904

Francis D. Jacobs  
 Notary Public.

FINAL OATH OF U.S. DEPUTY SURVEYOR. 51  
BOOK 1378

I, James F. Trotter, U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from George Christ, United States Surveyor-General for Arizona, bearing date of the thirteenth day of June, 1900, 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, surveyed all those parts or portions of the North

one mile of each the East and West Boundaries of Township 27 North Range 3 East.

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 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 provis-

visions of an act of Congress approved August 8, 1846.

BOOK 1373 *James F. Trotter*  
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 24th day of January 1890.

*Wm. H. ...*  
Notary Public.

of the Gila and Salt River Basins 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 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

## Final Oath of U. S. Deputy Surveyor.

I, James S. Trotter

U. S. Deputy Surveyor, do solemnly swear that in  
 pursuance of a contract received from <sup>George</sup> ~~Royal A.~~  
<sup>Christ</sup> Johnson, United States Surveyor-General for Ari-  
 zona, bearing date of the June 13 day of

1900189

, I have well, faith-  
 fully, 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, surveyed all those parts

or portions of the

Township  
28 North Range  
3 East -

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 Sur-  
 veyor-General for Arizona, and in the specific



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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.

*James D. Foster*  
U. S. Deputy Surveyor.

Sworn to and subscribed before me this <sup>27</sup> 27<sup>th</sup> day of

January, 1881

*J. H. Hartwell*  
U. S. District Court  
By *A. Hodgson*  
Deputy

BOOK 1373

Mr. Edward Reppien

We Harry H. Thompson

and Frank Wilson

do solemnly swear that we will well and truly perform the duties of axmen and moundman in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the Township

28 North Range

3 East

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

Edward Reppien Axman

Harry H. Thompson Axman

Frank Wilson Moundman, Axman & Reppien

Subscribed and sworn to before me this fifteenth day of October

1900

Francis B. Jacobs

Notary Public.

My commission expires Nov 7<sup>th</sup>

1904



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FINAL OATH OF U.S. DEPUTY SURVEYOR. 56  
BOOK 1373

I, James F. Trotter, U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from George Christ, United States Surveyor-General for Arizona, bearing date of the thirteenth day of June, 1900, 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, surveyed all those parts or portions of the \_\_\_\_\_

*Fractional Township*

*27 North Range 3 East*

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 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 provis-

57 ions of an act of Congress approved August 8, 1846.

I, James T. Trotter, U. S. Deputy Surveyor, do solemnly swear that in pursuance of a certain order received from the U. S. Deputy Surveyor-General for Arizona, bearing date of June, 1860, I

the thirtieth day of June, 1860, I was sworn to and subscribed before me this 24th day of January 1861.

*Wm. H. ...*  
*U. S. Deputy Surveyor*  
*By J. H. ...*  
those parts or portions of the

of the Gila and Salt River Basins 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 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

BOOK 1373

Wz, Paul Brown, J. J. Lavery

BOOK 1373 59

Wz Edward Leppien 58

~~Wz~~ Harry A Tompson

and Frank Wilson

do solemnly swear that we will well and truly perform the duties of axman and moundman in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the

Township 7 of North  
Range 3 East

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

Edward Leppien Axman  
Harry A Tompson Axman  
Frank Wilson Moundman

Subscribed and sworn to before me this sixteenth day of October

1900 - -

Francis Jacobs  
Notary Public.

My commission expires Mar 2 + 1904



Wc, Paul Brown. J. P. Lavery

BOOK 1373

Jas Graham

Jas (Jim) Perkins

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

Assessor and  
Moundman

in the establishment of corners and other duties, according to instructions given us, and to the best

of our skill and ability, in the survey of the North

One mile of the East and

West Boundary's of Township

27 North Range 3 East

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

Paul Brown. Assessor

J. P. Lavery

Jas Graham

Jim. Perkins. Moundman

Subscribed and sworn to before me this 17th

day of October 1900 189

Francis Jacobs

Notary Public.

my commission expires March 3<sup>d</sup> 1901

W<sup>r</sup>, Paul Brown, J. J. Laverty  
vs. Jas Graham and  
Jim Perkins

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BOOK 1373

do solemnly swear that we will well and truly per-  
form the duties of

Adleman and  
Moundman & Hagman

in the establishment of corners and other duties,  
according to instructions given us, and to the best

of our skill and ability, in the survey of the East,  
West & South Boundaries  
of Township 28 North  
Range 3 East

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

Paul Brown Hagman  
J. J. Laverty Adleman  
James Graham Adleman  
Jim Perkins Moundman

Subscribed and sworn to before me this

Sixteenth

day of Oct. — 1900 189

Francis Jacobs

Notary Public.

my commission expires mch 2<sup>d</sup> 1902

FINAL OATH OF U. S. DEPUTY SURVEYOR.  
3481, 8 JANUARY 1901 61

I, James F. Trotter, U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from George Christ, United States Surveyor-General for Arizona, bearing date of the thirteenth day of June, 1900, 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, surveyed all those parts or portions of the East West and South Boundaries of Township 28 North Range 3 East

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 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 provis-

BOOK 1813



62 ions of an act of Congress approved  
ed August 8, 1846.

I, James T. Trotter, U. S. Deputy  
Surveyor, do solemnly swear that in  
pursuance of a contract received from  
the United States Surveyor-  
General for Arizona, bearing date of  
the thirtieth day of June, 1800, I  
have been and subscribed before me  
this day of \_\_\_\_\_  
conformity with the instructions  
issued by the United States Surveyor-  
General for Arizona, and the laws  
of the United States, surveyed all  
those parts or portions of the

BOOK 1373

of the Gila and Salt River Bas 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 es-  
tablished 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 man-  
ner 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 provis-