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1680

# Field Notes

OF THE SURVEY OF **BOOK 1680**

1680

*The Sixth Standard Par-  
allel N. from the cor. to Sp. 25  
N. ranges 14 & 15 N. to cor. to  
Sp. 25 N. ranges 20 & 21 N.*

*Gila and Salt River Base and Meridian*

**ARIZONA.**

**BOOK 1680**

By *C. Burton Foster* D. S.

Under contract dated *Aug. 5* 1873.

Survey commenced *July 26* 1874.

Survey completed *July 30* 1874.

1680

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## 6<sup>th</sup> Standard Parallel North (along)

S-Bdy T 25 N R.	15 W	Page 1
"	16 W	13
"	17 W	22
"	18 W	31
"	19 W	40
"	20 W	48

BOOK 1680

Bet. Sec. 24 & 25 N. through

31	32	R. 33	15	34	35	36
10	9	7	6	5	4	

31	32	R. 33	16	34	35	36
19	18	16	15	14	13	

31	32	R. 33	17	34	35	36
28	27	26	24	23	22	

31	32	R. 33	18	34	35	36
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31	32	R. 33	20	34	35	36
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**PRELIMINARY OATHS OF ASSISTANTS.**

WE, *George J. Roskrug*  
 and *Andrew J. Shrope*  
 do solemnly swear that we will faithfully execute  
 the duties of Chain Carriers; that we will level the  
 chain upon uneven ground, and plumb the tally  
 pins, whether 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 as-  
 sist in measuring, to the best of our skill and  
 ability.

*George J. Roskrug*  
*Andrew Shrope*

Sworn to and subscribed before me, this 10<sup>th</sup>  
 day of January, 1874

*E. Cowells*  
 Clerk District Court  
 5<sup>th</sup> District of Arizona

~~HE~~. I Richard Shrope

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

according to instructions given <sup>me</sup> ~~us~~, and to the best of <sup>my</sup> ~~our~~ skill and ability.

Richard Shrope

Sworn to and subscribed before me this 10<sup>th</sup>  
day of January 1874

Geo. Wells  
Clerk District Court  
3<sup>rd</sup> District of Arizona





# FIELD NOTES

OF THE

## Sixth Standard Parallel

South boundary of Sec 36  
 in  
 Township 25 North Range 15 West  
 to  
 Section 31 in Range 20 West

Gila and Salt River Meridian  
 Territory of Arizona

Surveyed by  
 C. Burton Foster  
 U. S. Dep Surveyor

Under his contract of 5<sup>th</sup> August 1873  
 Survey commenced 26 January 1874  
 Survey completed 30<sup>th</sup> January 1874

No of Miles 36.

South boundary of Tp 25 N. Range 15 W  
Gila and Salt river meridians

Chc From the closing corner to  
Townships 24 North between  
Ranges 14 and 15 West

I run

West along the 6<sup>th</sup>  
Standard Parallel

To 15° 05' east

2800 I establish the Standard  
corner to Townships 25 North  
Ranges 14 and 15 West by  
setting a post notched and  
marked with ranges  
Township sections and  
Latitude of point 4 1/2 feet  
long 4 inches squared  
1 foot in the ground drive  
charred stake 12 ins down  
and build a mound of  
earth 2 1/2 feet high with  
posts 2 x 1 1/2 x 1 ft. No trees near

26<sup>th</sup> Standard Parallel

BOOK 1680

South boundary of Sp 25 N. Range 15 W

Gila and Salt River Meridian

Chs The latitude of point S obtained by a Meridional altitude of the sun on the 26<sup>th</sup> day of January 1874 the suns declination being  $18^{\circ} 35' 22''$  the deduction for the observation showing a latitude of  $35^{\circ} 26' 16''$  this latitude I set off on the latitude arc of Burts improved Solar Compass and proceeded to run and establish the South Standard Parallel as per instructions

The divergency of a straight line or one run with fore and back sights from the Parallel will be 25 links for a distance of 6 miles or the side



South boundary of Sp 25. Range 15 W

Gila and Salt River Meridian

The boundary of a Township  
 this divergency I obtained by  
 a calculation of tangent angles  
 of the 35<sup>th</sup> Parallel of Latitude  
 therefore to counteract the  
 tendency of the Standard line  
 to leave a line parallel to  
 the parallel of Latitude I  
 shall take an observation  
 every mile I run as the  
 divergency is as follows  
 per mile -

1 <sup>st</sup> mile	divergency	0 links
2 <sup>nd</sup>	"	2 "
3 <sup>rd</sup>	"	5 "
4 <sup>th</sup>	"	11 "
5 <sup>th</sup>	"	17 "
6 <sup>th</sup>	"	25 "



South boundary of Tp 25 N Range 15 W

Gila and Salt River meridians

Chs West on true line on South boundary of Sec 36

To  $15^{\circ}05'$  East as per

Burt's improved Solar compass

4000 Remote from Stone or Timber drive charred stake 12 inches down and build a mound of earth 2 feet high with pits  $2 \times 1 \times 1$  ft. for  $\frac{1}{4}$  Sec. cor

No trees near.

8000 Remote from Stone or Timber drive charred stake 12 ins down and build a mound of earth  $2\frac{1}{2}$  feet high with pits  $2 \times 1\frac{1}{2} \times 1$  ft. and in centre of pit East of corner drive a stake marked and notched  $2\frac{1}{2}$  feet long 2 ins squared 1 foot in the ground for the Standard cor to Secs

South boundary of Sp 35. N. Tange 15 11

Gila and Salt river meridian

Chs 35 and 36 - No trees near  
Sand level  
Soil 1<sup>st</sup> rate  
No timber

West on true line on South  
boundary of Sec 35  
Ta 15' 05' east

4000 Remote from Store or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with  
pits 2 x 1 x 1 ft for 1/4 Sec cor  
No trees near

5000 Remote from Store or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 1/2 feet high with  
pits 2 x 1 1/2 x 1 ft and in

South boundary of Tp 25 N Range 15 W

Gila and Salt River meridian

Ch<sup>e</sup> centre of pit east of corner  
drive a stake marked and  
notched 2½ feet long 2 ins  
squared 1 foot in the  
ground for the Standard  
corner to Sec 34 and 35

No trees near

Land level

Soil 1<sup>st</sup> rate

No timber

West on true line on South  
boundary of Sec 34

For 15° 08' East

4000 Remote from Store or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with  
pits 2 x 1 x 1 ft for ¼ Sec cor



South boundary of Tp 25 Range 15 N

Gila and Salt river meridians

Chc No trees near

5000 Remote from Stone or Timber  
drive charred stake 12 inches  
down and build a mound  
of earth 2½ feet high with  
pits 2 x 1½ x 1 ft and in  
centre of pit East of corner  
drive a stake marked and  
notched 2½ feet long 2 ins  
squared 1 foot in the ground  
for the Standard corner to  
Sec 33 and 34

No trees near

Sand level

Soil 1<sup>st</sup> rate

No timber

---

West on true line on South  
boundary of Sec 33

To 15' 08" East

South boundary of Sp 25 N Range 154

Gila and Salt River meridian

che  
4000 Remote from Stone or Timber  
drive charred stake 12 inches  
down and build a mound  
of earth 2 feet high with  
pits  $2 \times 1 \times 1$  ft for  $\frac{1}{4}$  Sec cor  
No trees near

8000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth  $2\frac{1}{2}$  feet high with  
pits  $2 \times 1\frac{1}{2} \times 1$  ft and in  
centre of pit East of corner  
drive a stake marked and  
notched  $2\frac{1}{2}$  feet long 2 ins  
squared 1 foot in the ground  
for the Standard corner to  
Secs 32 and 33 -

No trees near

Land level

Soil 1<sup>st</sup> rate

South boundary of Tp 35 N Twp 15 11

Gila and Salt River meridians

che No timber

West on true line on South  
boundary of Sec 32

To 15' 08' east

4000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with  
pits 2 x 1 x 1 ft for 1/4 sec cor  
No trees near

8000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 1/2 feet high with  
pits 2 x 1 1/2 x 1 ft and in  
centre of pit east of cor  
drive a stake marked and  
notched 2 1/2 feet long 2 ins  
squared 1 foot in the



6<sup>th</sup> Standard Parallel

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South boundary of Tps 25 N Range 15 W

Gila and Salt River meridian

Ch<sup>g</sup> ground for the Standard  
 cor to Secs 31 and 32  
 No trees near  
 Sand level  
 Soil 1<sup>st</sup> rate  
 No timber

West on true line on South  
 boundary of Sec 31

To 15' 08' East

4070 Remote from Stone or Timber  
 drive charred stake 12 ins  
 down and build a mound  
 of earth 2 feet high with  
 pits 2 x 1 x 1 ft for 7/4 Sec cor  
 No trees near.

49.45 At this point I intersected  
 line between ranges 15 and  
 16 W Tps 24 N 70 Surtis South  
 of the closing corner I

to  $6^{\frac{1}{2}}$  Standard Parallel 11

BOOK 1680

South boundary of Sp 25 Range 15 N

Gila and Salt River meridian

Ch<sup>o</sup> therefore remove and reestablish the corner on the  $6^{\frac{1}{2}}$  Standard Parallel line by setting the post properly marked and notched 4 feet long 3 inches squared drive charred stake and build mound of earth  $2\frac{1}{2}$  feet high with pits  $2 \times 1\frac{1}{2} \times 1$  ft. No trees near.

8000 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth  $2\frac{1}{2}$  feet high with pits  $2 \times 1\frac{1}{2} \times 1$  ft and in centre of pit east of corner drive a stake marked and notched  $2\frac{1}{2}$  feet long 2 ins squared 1 foot in the ground for the Standard cor to Sec 31 and 36 and of Sp 25 N

South boundary of Sp 25 N Range 15 W

Gila and Salt River meridians

Ch Ranges 15 and 16 W.

No trees near

Land level

Soil 1<sup>st</sup> rate

No timber

General Description  
of Sp 25 N Range 15 W  
This Sp lies wholly in the  
Hualpai Valley and contains  
a large amount of first class  
land adapted for farming -  
The soil is a dark rich sandy  
loam - Grasses common to  
the country are abundant.  
There is no timber in the  
Sp.

A. Burton Foster

Dep U.S. Surveyor



South boundary of T<sub>2</sub> 35 N Range 16 11

Gila and Salt River meridians

che West on true line on South boundary of Sec 36.

Ya 15° 05' East

4000 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for 1/4 Sec cor. No trees near

8000 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth 2 1/2 feet high with pits 2 x 1 1/2 x 1 ft and in centre of pit east of cor drive a stake marked and notched 2 1/2 feet long 2 ins squared 1 foot in the ground for the Standard cor to Secs 35 and 36. No trees near Sand level

South boundary of Sp 25 N Range 16 W

Gila and Salt river meridian

Chs Soil 1<sup>st</sup> rate

No timber

January 26<sup>th</sup> 1874

West on true line on South  
boundary of Sec 35.

To  $15^{\circ} 05'$  East.

4000 Remote from Stone or Timber  
drive charred stake 12 ins down  
and build a mound of earth  
2 feet high with pits  $2 \times 1 \times 1$  ft  
for  $\frac{1}{4}$  Sec cor. No trees near

8000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build mound of  
earth  $2\frac{1}{2}$  feet high with  
pits  $2 \times 1\frac{1}{2} \times 1$  ft and in centre  
of pit East of cor drive a  
stake marked and notched  
 $2\frac{1}{2}$  feet long 2 ins squared

1/4<sup>th</sup> Standard Parallel

15

South boundary of Sp 25 N Range 16 W

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Gila and Salt river meridian

Ch<sup>e</sup> 1 foot in the ground for the  
Standard corner to Sec 34  
and 35. No trees near  
Sand level  
Soil 1<sup>st</sup> rate  
No timber

West on true line on South  
boundary of Sec 34.

Var 15° 05' East

4000 Remote from Store or Lumber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with  
pits 2 x 1 x 1 ft for 1/4 Sec cor  
No trees near

8000 Remote from Store or Lumber  
drive charred stake 12 ins  
down and build mound of  
earth 2 1/2 feet high with pits



6<sup>th</sup> Standard Parallel

South boundary of Sp 25 Range 16W

Gila and Salt River Meridian

Ch<sup>s</sup> 2 x 1½ x 1 ft and in centre of pit east of cor drive a stake marked and notched 2½ feet long 2 ins squared one foot in the ground for the standard corner to Secs 33 and 34. No trees near land level  
Soil 1<sup>st</sup> rate  
No timber

West on true line on South boundary of Sec 33.

To 15° 0' east.

4000 Remote from Stone or Timber drive charred stake 12 ins down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for ¼ Sec cor

N<sup>1<sup>h</sup></sup> Standard Parallel 17

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South boundary of Tp 25 N Range 16 W

Gila and Salt river meridians

Chs  
8000 No trees near  
Remote from Stone or Lumber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 1/2 feet high with  
pit's 2 x 1 1/2 x 1 ft and in  
centre of pit east of corner  
drive a stake marked and  
notched 2 1/2 feet long 2 ins  
squared 1 foot in the  
ground for the Standard  
corner to Secs 32 and 33

No trees near  
Sand level  
Soil 1<sup>st</sup> rate  
No timber

6<sup>th</sup> Standard Parallel

BOOK 1680

South boundary of Sp 25 N Range 16 W

Gila and Salt River Meridian

Che West on true line on South  
boundary of Sec 32

Va 15° 0' East

4000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with pits  
2 x 1 x 1 ft for  $\frac{1}{4}$  Sec cor  
No trees near

8000 Remote from Stone or Timber  
drive charred stake 12 inches  
down and build mound of  
earth 2  $\frac{1}{2}$  feet high with pits  
2 x 1  $\frac{1}{2}$  x 1 ft and in centre of  
pit East of corner drive a  
stake marked and notched  
2  $\frac{1}{2}$  feet long 2 ins squared  
1 foot in the ground for the  
Standard cor to Secs 31 and  
32. No trees near



6<sup>th</sup> Standard Parallel 49

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South boundary of Sp 25 N range 16 W

Gila and Salt River meridian

Chs Land level  
Soil 1<sup>st</sup> rate  
No timber

West on true line on South  
boundary of Sec 31

Wa 15° 0' east

4000 Remote from Stone or Limber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with pits  
2 x 1 x 1 ft for 1/4 Sec cor.  
No trees near.

4800 Intersected the closing cor  
to Sp 24 N ranges 16 & 17 W.  
the corner a post marked  
and notched in a mound  
of earth with pits -

8000 Remote from Stone or Limber

206<sup>th</sup> Standard Parallel

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South boundary of Tp 25 N Range 16 W

Gila and Salt river meridian

Ch<sup>o</sup> drove charred stake 12 ins  
down and build mound of  
earth 2 1/2 feet high with pits  
2 x 1 1/2 x 1 ft and in centre of  
pit east of cor drove a stake  
marked and notched 2 1/2  
feet long 2 ins squared  
one foot in the ground for  
the standard cor to Secs  
31 and 36 and of Tp 25 N.  
ranges 16 and 17 W.  
No trees near  
Sand level  
Soil 1<sup>st</sup> rate  
No timber

South boundary of Tp 25 N Range 16 W

Gila and Salt River meridian

General Description  
of Township 25 N Range 16  
W. This Tp lies wholly in  
the Hualpai Valley and  
contains a large amount  
of good farming land -  
The soil is a rich sandy  
loam -

Grasses common to the  
country are abundant -  
There is no timber in the  
Township -

Chas. Foster  
Dep U.S. Surveyor



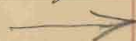
6<sup>th</sup> Standard Parallel

BOOK 1680

2

South boundary of T<sub>1</sub> 25 N Range 17 11

Gila and Salt River meridian



- Cher West on true line on South boundary of Sec 36  
 Va 15° 08' East
- 4000 Remote from Stone or Timber drive charred stake 12 inches down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for 1/4 Sec cor -  
 No trees near
- 59.90 Old Wagon trail bears N and S
- 66.00 Begin ascent of South end of spur from mountains on North
- 71.00 Summit of spur
- 76.00 Begin descent
- 80.00 Set a Granite Stone 24 x 18 x 10 ins properly notched 3/4 in the ground and build mound of rocks 3 feet high on East side for the Standard corner to Sec 35 and 36. No trees near

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South boundary of Tp 25 N Range 17 W

Gila and Salt River meridians

Chs Sand in Valley level and soil  
1<sup>st</sup> rate. in mountains rough  
and worthless  
No timber

West on true line on South  
boundary of Sec 35

Pa 15° 08' East

300 Foot of hill

700 Line runs along South slope  
of Hills -

4000 Set a Granite Stone 14 x 10 x 8 ins  
marked  $\frac{1}{4}$  S set  $\frac{2}{3}$  in the  
ground and build a mound  
of rocks  $2\frac{1}{2}$  feet high on East  
side for  $\frac{1}{4}$  Sec cor. No trees near

5000 Set a Granite Stone 20 x 10 x 8 ins  
properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high on East

South boundary of T<sub>p</sub> 25. Range 17 W  
Gila and Salt River meridian

On the side for the Standard cor to  
Secs 34 and 35 - No trees near  
Sand broken  
Soil on South of line 1<sup>st</sup> class  
on North worthless  
No timber

West on true line on South  
boundary of Sec 34  
Ta 15° 08' East

- 1600 Begin ascent of range of rocky  
hills bearing N.W. and S.E.
- 3500 Summit of hill and commence  
descent
- 4000 Set a Granite Stone 22 x 10 x 6 ins  
marked  $\frac{1}{4}$  S set  $\frac{3}{4}$  in the  
ground and build mound  
of rocks 2 $\frac{1}{2}$  feet high on East  
side for  $\frac{1}{4}$  Sec cor  
No trees near



South boundary of Sp 25 Range 17 W

Gila and Salt river meridians

Chs

5100 Foot of hill and enter level land.

8000 Remote from Store or Timber drive charred stake 12 ins down and build mound of earth  $2\frac{1}{2}$  feet high with pits  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  and in centre of pit East of cor drive a stake marked and notched  $2\frac{1}{2}$  feet long 2 ins squared 1 foot in the ground for the Standard corner to Sec 33 and 34.

No trees near.

Sand in hill rough and soil mineral

Sand in Valley level and soil 1<sup>st</sup> Class.

No timber.

January 27<sup>th</sup> 1874

South boundary of T<sup>p</sup> 25 N Range 17 W

Gila and Salt River meridian

- Ch<sup>s</sup> West on true line on South boundary of Sec 33.
- Ta 15° 10' East
- 19.50 Arroyo 70 links wide flows S. E.
- 4,000 Set a Granite Stone 12 x 10 x 8 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build a mound of rocks 2½ feet high on East side for  $\frac{1}{4}$  Sec cor - No trees near
- 78,50 Leave level Sand and begin ascent of Cerbat Range of mountains.
- 8,000 Set a Granite Stone 24 x 12 x 8 ins properly notched  $\frac{3}{4}$  in the ground and build a mound of rocks 3 feet high on East side for the Standard corner to Sec 32 & 33 - No trees near. Sand mostly level
- Soil 1<sup>st</sup> and 2<sup>d</sup> Grade - No timber

South boundary of Tr 25 N Range 17 W

Gila and Salt River meridians

Ch. West on true line on South boundary of Sec 32 -

Ca 15° 10' East

4000 Set a White Quartz rock 16x10x4 ins marked  $\frac{1}{2}$ S  $\frac{1}{2}$ W in the ground and build a mound of rocks 2 $\frac{1}{2}$  feet high on East side for  $\frac{1}{4}$  Sec cor.

No trees near

5600 Summit of 1<sup>st</sup> bench of mountain and line continues to ascend

8000 Set a Granite Stone 24x14x6 ins properly notched  $\frac{3}{4}$ W in the ground and build a mound of rocks 3 feet high on East side for the Standard cor to Secs 31 and 32

No trees near

Sand rough and mountainous soil mineral - No timber -



South boundary of Tp 25 N Range 17 W

Gula and Salt river meridians

Chs. West on true line on South  
boundary of Sec 31

via 15° 10' East

1000 Line runs along South side  
of rough rocky mountain

4000 Set a Granite Stone 18 x 10 x 6  
ins marked  $\frac{1}{4}$  S Sp in the  
ground and build a mound  
of rock 2 $\frac{1}{2}$  feet high on East  
side for  $\frac{1}{4}$  Sec cor. No trees near

5300 rocky gulch bears South

7200 rocky gulch bears S. E.

8000 Set a Granite Stone 20 x 12 x 8  
ins properly notched on West  
side of a mound of rocks 3  
feet high and in centre of  
mound set a post marked  
and notched 4 $\frac{1}{2}$  feet long 3  
ins squared for the Standard  
cor to Sec 31 and 36 Tp 25 N

29<sup>th</sup> Standard Parallel

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South boundary of Tp 25 N Range 17 W.

Gila and Salt River meridians

Cher ranges 17 and 18 W. No trees near  
at this corner the surface was  
solid bed rock so that I could  
not set rock or post in ground.  
→ Sand rough and mountainous  
Soil mineral. Worthless  
No timber.

General Description  
of Tp 25 N Range 17 W.

There is considerable  
arable land in the N and E  
portion of this Tp which lies  
in Hualpai Valley.

The West and part of the  
Southern portion lie wholly  
in the Cerbat Range of  
mountains. There are  
several mineral bearing veins

6<sup>th</sup> Standard Parallel 30

South boundary of Sp 25 N Range 17 W

BOOK 1680

Gila and Salt River meridian

in the mountain portion  
principally Gold and Silver  
There is scarcely any Timber  
in the Sp

L. Burton Foster  
Dep U.S. Surveyor

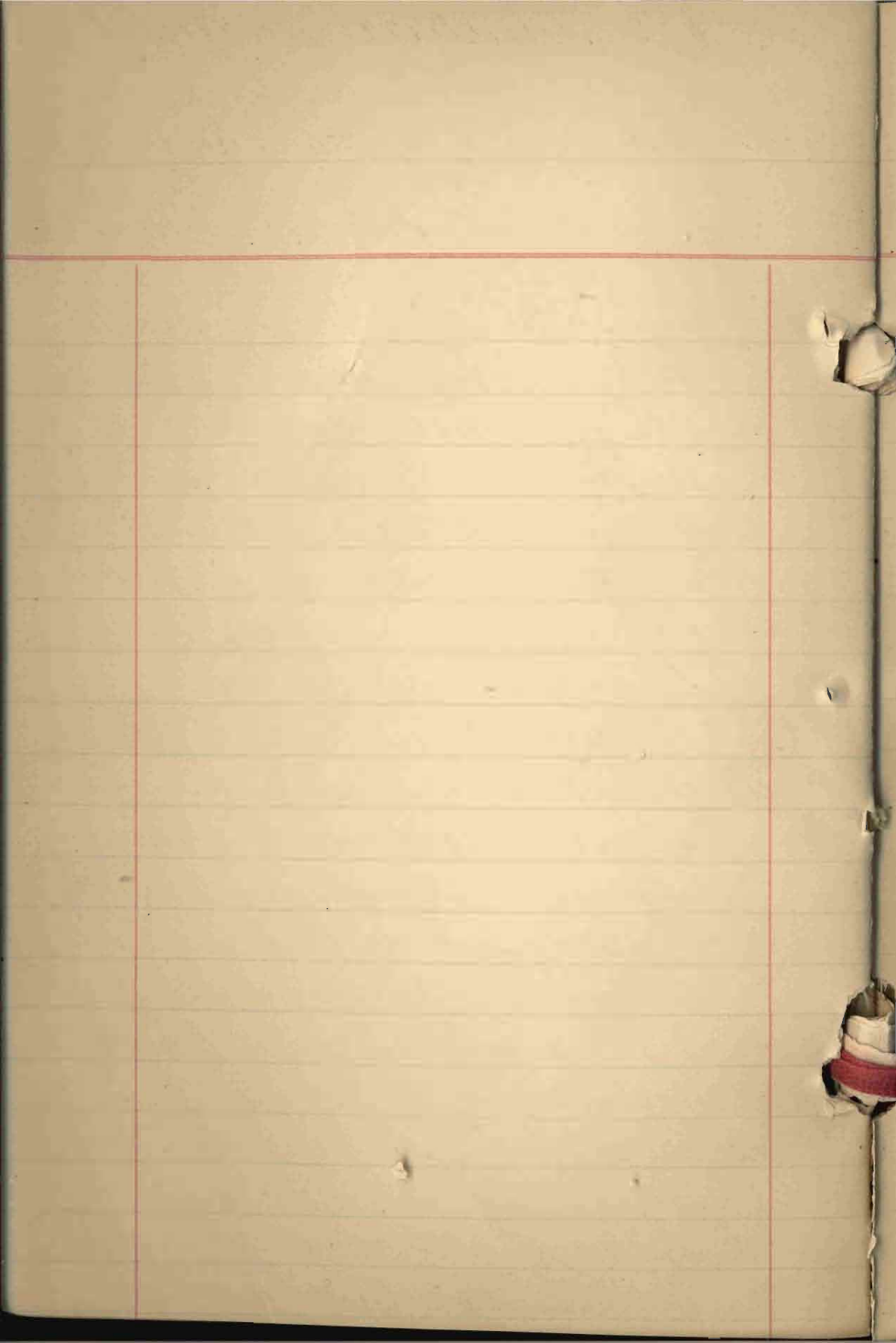
General Description of  
Sp 24 N Range 17 W.

The arable land in this  
Sp lies in the N.E. portion -  
the balance of the Sp lies  
wholly in the Cerbat mountains

There are several mineral  
bearing veins in the mountain  
portion of the Sp. Gold and  
silver predominating - There  
is very little Timber in the Sp

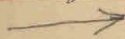
L. Burton Foster  
U.S. Dep Surveyor





South boundary of Twp 25 Range 18 N.

Gila and Salt River meridians



Chv West on true line on South boundary of Sec 36.

Wa 15° 08' East

Begin ascent of main Range of Mountains from corner

2100 Summit of Range - from this point a high rocky Peak bears South 10 chains

2400 Commence descent

4000 Set a granite stone 15 x 8 x 6 ins marked  $\frac{1}{4}S$   $\frac{2}{3}$  in the ground and build a mound of rock  $2\frac{1}{2}$  feet high on east side for  $\frac{1}{4}$  Sec cor. No trees near.

7200 Foot of mountain and gulch bears N. W.

8000 Set a Granite Stone 24 x 14 x 10 ins properly notched  $\frac{3}{4}$  in the ground and build a mound of rocks 3 feet high on east

South boundary of Tp 25 N Range 18 W

Gila and Salt River meridian

Chs side for the Standard cor  
to Secs 35 and 36.

→ No trees near

Sand rough and mountainous  
Soil mineral, worthless

No timber.

West on true line on South  
boundary of Sec 35

7a 15° 08 East

1200 Gulch with Water flowing  
N.W. and begin ascent of  
steep mountain.

4000 Set a line stone 16 x 8 x 8 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build a mound of stone  
2 $\frac{1}{2}$  feet high on east side  
for  $\frac{1}{4}$  Sec cor. No trees near

4200 Gulch flowing North

6100 Summit of mountain and



South boundary of Sp 25 N Range 18 N.

Gila and Salt River meridians

Ch<sup>e</sup> commence descent

5000 Set a Granite Boulder  $36 \times 18 \times 12$  ins properly notched  $\frac{3}{4}$  in the ground and build a mound of rock 3 feet high on east side for the Standard corner to Secs 34 and 35. No trees near.

Sand mountains

Soil mineral. Worthless

No timber.

January 28<sup>th</sup> 1874

West on true line on South boundary of Sec 34

$\frac{1}{4}$  a  $15^{\circ} 08'$  east.

4000 Set a Granite Stone  $20 \times 8 \times 8$  ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the ground and build a mound of rock  $2\frac{1}{2}$  feet high on east side for  $\frac{1}{4}$  sec cor

BOOK 1680

South boundary of Tp 25 N Range 18 W

Gila and Salt River meridian

Ch<sup>r</sup> No trees near5350 Foot of mountain and gulch  
flow N.W.Line runs over low hills  
bearing N and S.8000 Set a granite boulder 36x18x6  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a  
mound of rocks 3 feet high  
on East side for the Standard  
cor to Secs 33 and 34

No trees near

Sand rough and mountainous  
Soil mineral, worthlessTimber some scattering Cedars  
on North side of mountain

South boundary of Sp 25 N Range 18 W

Gila and Salt River meridians

- Chs West on true line on South  
boundary of Sec 33.  
Va 15° 05' East
- 10,20 Gulch flow N.W.
- 4000 Set a Granite Stone 18 x 6 x 6  
ins marked  $\frac{1}{2}$ S  $\frac{2}{3}$  in the  
ground and build a mound  
of rocks 2  $\frac{1}{2}$  feet high on  
East side for  $\frac{1}{4}$  Sec cor  
No trees near
- 4100 Gulch flow N.N.W.
- 4200 Enter Cedar Grove
- 79,70 Mountain brook swift current  
and rocky bed flow S.W 12  
links wide.
- 8000 Set a Granite Stone 20 x 8 x 6  
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 3 feet high on East  
side for the cor to Sec 32



6<sup>th</sup> Standard Parallel

BOOK 1680

South boundary of Tp 25 N Range 18 W

Gila and Salt River Meridian

Chc and 33 from which  
 a cedar 20 in dia bears N30° E 25 Links  
 a cedar 12 in dia bears S5° W 34 Links  
 No others near.  
 Land rough and hilly -  
 Soil 3<sup>c</sup> rate -  
 Timber Cedar & Pinon

West on true line on South  
 boundary of Sec 32.

Va 15° 05' East.

2000 Gulch bears S.W. leave cedars  
 and enter hills ranging E and  
 W line runs along South slope  
 4000 Set a Granite Boulder 20 x 8 x 6  
 ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
 ground and build a mound  
 of stone 2½ feet high on East  
 side for  $\frac{1}{4}$  Sec cor  
 No trees near

South boundary of Tp 25 N Range 18 W

Gila and Salt River Meridian  
 etc

- 5400 Rocky Ravine bears South  
 5700 Commence ascent of hill  
 8000 Set a Granite boulder 30 x 10 x 8  
 ins properly marked 3/4 in the  
 ground and build a mound  
 of rocks 3 feet high on East  
 side for the Standard cor to  
 Secs 31 and 32 - No trees near  
 Sand rough and broken  
 Soil Worthless  
 Timber some Cedars along  
 East end of line

West on true line on South  
 boundary of Sec 31

Ca 15° 05' East

- 400 Summit of hill  
 1000 Commence gradual descent  
 from hill into Sacramento  
 Valley

South boundary of Tp 25 N. Range 18 W

Gila and Salt River Meridian

Chs

4000

Set a Granite Stone 20 x 10 x 10  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 2  $\frac{1}{2}$  feet high on East  
side for  $\frac{1}{4}$  Sec cor. No trees near

8000

Set a Granite boulder 30 x 8 x 8 ins  
properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 3 feet high on East  
side for the Standard cor  
to Sec 31 and 36 and of Tp 25  
N Ranges 18 and 19 West  
No trees near

Sand rough and bully  
Soil mineral, worthless  
No timber



South boundary of T<sub>p</sub> 25 N Range 18 W

Gila and Salt River meridian

General Description of  
T<sub>p</sub> 25 N Range 18 W. This T<sub>p</sub> lies  
wholly in the Cerbat mountains and  
contains numerous Gold and Silver  
bearing ledges. The mountains have  
a general trend N & S. There is  
very little timber in T<sub>p</sub>

Dutton Foster

U. S. Dep Surveyor

General Description of T<sub>p</sub>  
24 N Range 18 W. This T<sub>p</sub> lies  
wholly in the Cerbat mountains  
and contains numerous Gold & Silver  
bearing ledges. The mountains have  
a general trend N and S. There is  
considerable Timber consisting  
of Cedar & Pinon growing on the  
North<sup>ern</sup> side of mountains.

Dutton Foster

U. S. Dep Surveyor

South boundary of Sp 25 Range 19 N

Gila and Salt River meridian

- Chc West on true line on South boundary of Sec 36  
 Va 15° 0' east
- 1,50 Enter Sacramento Valley
- 4,000 Remote from Wood or Stone drive charred stake 12 ins down and build a mound of earth 2½ feet high with pits 2 x 1 x 1 ft for ¼ sec cor. No trees near
- 8,000 Remote from Stone or Timber drive charred stake 12 ins down and build mound of earth 2½ feet high with pits 2 x 1½ x 1 ft and in centre of pit east of cor drive a stake marked and notched 2½ feet long 2 ins squared 1 foot in the ground for the standard cor to Sec 35 and 36. No trees near -  
 Sand level - Soil 1<sup>st</sup> rate  
 No timber

South boundary of Tp 25 N Range 19 W

Gila and Salt River meridian

Chc West on true line on South boundary of Sec 35.

To 15° 0' East

~~Enter~~ ~~xxxxxxx~~ ~~xxxxxx~~ Valley

30,75 Trail bears N and S

4000 Remote from Stone or Limber drive charred stake 12 ins down and build mound of earth 2½ feet high with pits 2x1x1 ft for ¼ Sec cor  
No trees near

58,60 Puche Road bears N.W. and S

8000 Remote from Stone or Limber drive charred stake 12 ins down and build mound of earth 2½ feet high with pits 2x1½x1 ft and in centre of pit 6 of cor drive a stake marked and notched 2½ feet long 2 ins squared 1 foot in the ground for the Standard cor to Sects 34 and 35. No trees near Sand level. Soil 1<sup>st</sup> rate. No timber



426<sup>th</sup> Standard Parallel

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South boundary of Sp 25 N Range 19 41

Gila and Salt River meridians

Ch<sup>o</sup> West on true line on South  
boundary of Sec 34  
Va 15° 0' East

4000 Remote from Stone or Timber  
drive charred stake 12 ins down  
and build a mound of earth 2½  
feet high with pits 2 x 1 x 1 ft for ¼  
Sec cor - No trees near

5000 Remote from Stone or Timber  
drive charred stake 12 ins down  
and build mound of earth 2½  
feet high with pits 2 x 1½ x 1 ft  
and in centre of pit east of cor  
drive a stake marked notched  
3½ feet long 2 ins squared 1 foot  
in the ground for the Standard  
cor to Secs 33 and 34 No trees near  
Land level  
Soil 1<sup>st</sup> rate  
No timber

South boundary of Tp 25 N Range 19 W

Gila and Salt River meridian

1 Che West on true line on South boundary of Sec 33.

Ya 15° 0' East

4000 Remote from Stone or Limber drive charred stake 12 ins down and build a mound of earth 2½ feet high with pits 2 x 1 x 1 ft for ¼ Sec cor. No trees near

8000 Remote from Stone or Limber drive charred stake 12 ins down and build mound of earth 2½ feet high with pits 2 x 1½ x 1 ft and in centre of pit east of cor drive a stake marked and notched 2½ feet long 2 ins squared 1 foot in the ground for the standard cor to Secs 32 and 33. No trees near Sand level

Soil 1<sup>st</sup> rate

No timber January 29<sup>th</sup> 1874

South boundary of Sp 25 N Tange 1911

Gila and Salt River meridian

- Cher West on true line on South boundary of Sec 32  
 Va 15° 03' East
- 4000 Remote from Store or Timber drive charred stake 12 ins down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for 1/4 Sec cor. No trees near
- 8000 Remote from Store or Timber drive charred stake 12 ins down and build a mound of earth 2 1/2 feet high with pits 2 x 1 1/2 x 1 ft and in centre of pit east of cor drive a stake marked and notched 2 1/2 feet long 2 ins squared 1 foot in the ground for the standard cor to Secs 31 and 32. No trees near  
 Sand level  
 Soil 1<sup>st</sup> rate  
 No timber



6<sup>th</sup> Standard Parallel 45

BOOK 1680

South boundary of Tp 25 N. Range 19 W

Gila and Salt River meridians

Chc West on true line on South boundary of Sec 31

Va 15° 03' east

4000 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for 1/4 Sec cor. No trees near

8000 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth 2 1/2 feet high with pits 2 x 1 1/2 x 1 ft and in centre of pit east of cor drive a stake marked and notched 2 1/2 feet long 2 ins squared 1 foot in the ground for the Standard cor to Secs 31 and 36 and of Tp 25 <sup>N.</sup> ~~east~~ Ranges 19 and 20 West. No trees near. Sand level soil 1<sup>st</sup> rate. No timber.

South boundary of Tp 25 N Range 19 W

Gila and Salt River meridians

General Description  
of Tp 25 N Range 19 W. This  
Tp lies wholly in the  
Sacramento Valley and contains  
a large amount of 1<sup>st</sup> class  
farming and grazing lands.  
There is no timber in the  
Township.

Edwin Foster  
U.S. Dep Surveyor

General Description of  
Tp 24 N Range 19 West

The middle and Western  
portion of this Tp lie in the  
Sacramento Valley and contain  
a large amount of first class  
farming and grazing land.  
The eastern portion lies in  
the Cerbat Range of mountains

6<sup>th</sup> Standard Parallel 47

BOOK 1680  
South boundary of Tp 25 N Range 19W

Gila and Salt River meridians

and contain several mineral bearing ledges Gold and Silver predominating - Quail Spring is in the North East portion of the Tp

The only Timber in the Tp is in the Eastern portion & consists of Cedar and Piñon

W. D. Foster  
U. S. Dep Surveyor



6<sup>th</sup> Standard Parallel

BOOK 1680

South boundary of Sp 25 N Range 20 W

Gila and Salt River meridian

Chc West on true line on South  
boundary of Sec 36.

Ya 15° 05' east

17.70 Arroyo 50 links wide 5 feet  
deep flow N

31.20 Arroyo 60 links wide 5 feet  
deep flow N

4000 Remote from Store or timber  
drive charred stake 12 ins  
down and build a mound  
of earth 2 feet high with pits  
2 x 1 x 1 ft for 1/4 Sec cor  
No trees near

8000 Remote from Store or Timber  
drive charred stake 12 ins down  
and build mound of earth 2 1/2  
feet high with pits 2 x 1 1/2 x 1 ft  
and in centre of pit east of  
cor drive a stake marked and  
notched 2 1/2 feet long 2 inches

6<sup>th</sup> Standard Parallel 49

BOOK 1680

South boundary of Tp 25 N Range 20 W

Gila and Salt River Meridian

Chc squared 1 foot in the ground  
for the Standard cor to Sec  
35 and 36 - No trees near  
land level  
Soil 1<sup>st</sup> rate  
No Timber

West on true line on South  
boundary of Sec 35

Var 15° 05' East

4000 Remote from Store or Timber  
drive charred stake 12 inches  
down and build a mound  
of earth 2 feet high with pits  
2 x 1 x 1 ft for 1/4 Sec cor  
No trees near.

8000 Remote from Store or Timber  
drive charred stake 12 ins down  
and build mound of earth  
2 1/2 feet high with pits 24 x 18 x 12 ins

South boundary of Sp 25 N Range 20 W

Gila and Salt River meridian

Chc and in centre of pit east of  
 cor drive a stake marked and  
 notched 2 1/2 feet long 2 inches  
 squared 1 foot in the ground  
 for the Standard cor to Secs  
 34 and 35. No trees near  
 land level  
 Soil 1<sup>st</sup> rate  
 No timber

West on true line on South  
 boundary of Sec 34

To 15° 08 east

4000 Remote from Wood or Stone  
 drive charred stake 12 inches  
 down and build a mound of  
 earth 2 feet high with pits  
 2 x 1 x 1 ft for 1/4 sec cor  
 No trees near

8000 Remote from Stone or Limber



South boundary of Tp 25 N Range 20 W

Gila and Salt river meridian

Ch. drive charred stake 12 ins down  
and build mound of earth 2½  
feet high with pits 2 x 1½ x 1 ft  
and in centre of pit east of  
cor drive a stake marked and  
notched 2½ feet long 2 ins  
squared 1 foot in the ground  
for the Standard cor to Sec  
33 and 34. No trees near  
Sand level.  
Soil 1<sup>st</sup> rate.  
No Timber.

West on true line on South  
boundary of sec 33.

Ca 15° 08' east

4000 Remote from Stone or Timber  
drive charred stake 12 inches  
down and build a mound of  
earth 2 feet high with pits

South boundary of Sp 25 N Range 20 W

Gila and Salt River meridian

Ch<sup>2</sup> 2 x 1 x 1 ft<sup>2</sup> for 1/4 Sec cor

No trees near

5000 Remote from Stone or Timber  
drive charred stake 12 inches  
down and build mound of  
earth 2 1/2 feet high with pits  
2 x 1 1/2 x 1 ft<sup>2</sup> and in centre of pit  
East of cor drive a stake  
marked and notched 2 1/2 feet  
long 2 ins squared 1 foot in  
the ground for the Standard  
cor to Secs 32 and 33 -

No trees near

Sand level

Soil 1<sup>st</sup> rate

No timber

6<sup>th</sup> Standard Parallel

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South boundary of Tp 25 N Range 20 W

Gila and Salt River meridian

- Ch<sup>2</sup> West on true line on South boundary of Sec 32  
Va 15° 08' east
- 4070 Remote from Stone or Lumber drive charred stake 12 ins down and build a mound of earth 2 feet high with pits 2 x 1 x 1 ft for  $\frac{1}{4}$  Sec cor. No trees near
- 8000 Remote from Stone or Lumber drive charred stake 12 ins down and build mound of earth 2  $\frac{1}{2}$  feet high with pits 2 x 1  $\frac{1}{2}$  x 1 ft and in centre of pit east of cor drive a stake marked and notched 2  $\frac{1}{2}$  feet long 2 inches squared 1 foot in the ground for the Standard cor to Secs 31 and 32. No trees near Sand level. Soil 1<sup>st</sup> rate  
No timber



6<sup>th</sup> Standard Parallel

South boundary of Sp 25 N Tanges 20 &amp; 21

Gila and Salt River Meridian

Ch<sup>g</sup> West on true line on South  
boundary of Sec 31

Va 15° 08' east

4000 Remote from Stone or Timber  
drive charred stake 12 ins down  
and build a mound of earth  
2 feet high with pits 2 x 1 x 1 ft  
for 1/4 Sec cor. No trees near8000 Remote from Stone or Timber  
drive charred stake 12 ins down  
and build mound of earth 2 1/2  
feet high with pits 2 x 1 1/2 x 1 ft  
and in centre of east pit of  
cor drive a stake marked  
and notched 2 1/2 feet long 2  
ins squared 1 foot in the  
ground for the Standard  
cor to Sec 31 and 36 and of  
Sp 25 N Tanges 20 and 21 N.  
No trees near

South boundary of Tp 25 N Range 20 W

Gila and Salt River meridian

Ch<sup>s</sup> Sand level.

Soil 2<sup>d</sup> class

No timber

January 21<sup>st</sup> 1874

At this corner I obtained a Meridian altitude of the sun - the suns declination  $17^{\circ} 32' 05''$  Latitude -  $35^{\circ} 26' 16''$

### General Description of Tp 25 N Range 20 W.

This Township lies wholly in the Sacramento Valley and contains a large amount of 1<sup>st</sup> class agricultural land - Grasses common to the country are abundant - There is no timber in the Township - There is some

South boundary of Sp 25 N range 20 W

Gila and Salt River meridian

Undergrowth principally of  
Greasewood.

Leighton Foster  
U.S. Dep Surveyor

General Description  
of Sp 24 N range 20 W

The North eastern portion  
of this Sp lies in the  
Sacramento Valley and contains  
some good farming and  
grazing land. The South  
Western portion lies in the  
Black Mountain range.

There is no timber in the  
Township.

Leighton Foster  
Dep U.S. Surveyor



General Description

of the  
6<sup>th</sup> Standard Parallel

Beginning at the corner to Sp  
25 N Ranges 14 and 15 N and on  
the eastern side of the Hualapai  
Valley the line extends westward  
across the Hualapai Valley through  
the Hualapai Mining District  
near its Northern boundary over the  
Range of Cerbat mountains and  
across to the Western side of the  
Sacramento Valley to the cor to  
Sp 25 N Ranges 20 and 21 N.

The Land in both Hualapai  
and Sacramento Valleys is very  
level, the Soil rich, and well  
adapted for farming and grazing  
uses.

The only timber along the  
line is Cedar and Pinon on the  
Summits and north slopes of the  
Mountains of the Cerbat Range

## General Description Continued

BOOK 1680

The only Water along the  
Sine is an occasional Spring  
and a single Creek or Brook  
among the Cerbat mountains.

Mineral Sedges are quite  
frequent in the mountain range  
silver generally predominating.

L. Buxton Foster  
U. S. Dep Surveyor

**LIST OF NAMES.**

A List of the Names of Individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey of the South Boundary of Township 25 North Range 15 West  
 Township 25 North Range 16 West  
 Township 25 North Range 17 West  
 Township 25 North Range 18 West  
 Township 25 North Range 19 West  
 Township 25 North Range 20 West  
 Gila and Salt River Meridian  
 Showing the respective capacities in which they acted.

George J. Roshuge Chairman.

Andrew J. Strope Chairman.

Richard Strope Axeman.

Fla. Sman.



been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements contained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

*Leighton Foster*  
Deputy Surveyor.

Sworn to and subscribed before me, this 31<sup>st</sup>  
day of March, 1874

Escovelles  
County District Clerk  
3<sup>d</sup> District of Arizona

U. S. Surveyor General's Office,  
Tucson, Arizona, July 1, 1874

The foregoing Field Notes of the survey of

The Sixth Standard Parallel

N. from cor. to Tps. 25 N. ranges

14 and 15 N. to cor. to Tps. 25 N.

ranges 20 and 21 N.

of the Gila and Salt River Base and Meridian, Arizona,  
executed by C. Burton Foster,

D. S., under his contract of the Fifth day of  
August, 1873, having been critically ex-

amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

John Bascom

Surveyor General.