

1642

1642

BOOK 1642

F I E L D   N O T E S

OF THE SURVEY OF  
EXTERIOR LINES OF

Ts. 17, 18, 19 and 20 N., Rs.  
13 and 14 W., including a portion  
of 4th Standard N.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By C. Burton Foster, D. S., under  
Contract dated Aug. 5, 1873.  
Survey commenced Mar. 9, 1874.  
Survey completed March 27, 1874.

## PRELIMINARY OATHS OF ASSISTANTS.

WE, *George J. Roskrige*  
and *Andrew J. Shupe*  
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. Roskrige*  
*Andrew J. Shupe*

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

*E. C. Cowells*  
Clerk District Court  
3<sup>d</sup> District of Arizona.

~~102~~ Richard Shrope

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

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

Richard Shrope

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

Edgewell

Clerk District Court  
3<sup>d</sup> District of Arizona

1642

BOOK 1642

10  
1

Between ranges 12 and 13 West Twp 20 North

Gila and Salt River meridian

From the established Standard  
cor to Townships 21 North  
between ranges 12 and 13 West  
the cor a post in a mound with  
pits and marked stone

I run

East along the 5<sup>th</sup>  
Standard Parallel

At 15° East as per  
Burt's improved Solar compass

6400 I establish the closing  
cor to Secs 1 and 6 Twp 20  
North ranges 12 and 13 West  
remote from stone or timber  
drive charred stake 12 inches  
down and build mound of  
earth 2½ feet high with pits  
24 x 18 x 12 ins and in centre  
of pit East of cor drive a  
stake marked and notched

Between range 12 and 13  $4^{\circ}$  Sp  $20^{\circ}$  N  
 Gila and Salt-river meridians

Chs  $2\frac{1}{2}$  feet long 2 ins squared  
 1 foot in the ground.  
 No trees near

From the closing corner  
 to Sp  $20^{\circ}$  North range 12 and  
 13 West

I run  
 South between Secs  
 1 and 6 -

To 15' east

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

8000 Set a Limestone  $15 \times 10 \times 5$  ins  
<sup>N. and S.</sup>  
 properly notched,  $2\frac{1}{3}$  in the  
 ground and build mound  
 of rocks 3 feet high on South

Between Tangle 10 and 13  $W$  Sp 20 N

Gila and Salt River meridian

the side for the cor to Sec 1. b. 7  
and 12 No trees near  
Sand rolling and sloping  
West.

Soil 1<sup>st</sup> and 2<sup>d</sup> rate  
No timber

South between Sec 7 and 12  
Ta 15° East.

4000 Set a Lime Stone 12 x 12 x 10 ins  
marked  $\frac{7}{8}$  S. drive charred  
stake 12 ins down and build  
mound of earth, <sup>on S. side</sup> 2 feet high with  
pits 2 x 1 x 1 ft. for  $\frac{7}{8}$  Sec cor  
No trees near.

8000 Set a Lime Stone 18 x 8 x 6 ins  
properly notched  $\frac{2}{3}$  in the  
ground drive charred stake  
12 ins down and build a  
mound of earth 2  $\frac{1}{2}$  feet high

Between ranges 12 and 13  $\frac{1}{2}$  Sp 20

Gila and Salt River meridians

Ch with pits  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  ft for the  
cor to Secs 7, 12, 13 and 18

No trees near

Sand rolling -

Soil  $2^{\circ}$  rate

No timber

South between Secs 13  
and 18

$\frac{1}{4}$  to  $15^{\circ}$  east

Begin ascent to rocky  
mesa

3500 Cottonwood Creek flows  
S. S.  $\frac{1}{4}$   $1$  chain wide  
at this point there was no  
water

4000 Set a Granite Stone  $34 \times 18 \times 10$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a

Between ranges 12 and 13 1/2 Sp 20 N

Gila and Salt River meridian

the mound of rocks 3 feet high  
for 1/4 sec cor. No trees near  
4300 Cottonwood Creek flows SSW  
1 chain wide and begins  
ascend of rocky hill

5100 Summit

6700 Commerce descent

8000 Set a Granite Stone 18x15x10 ins  
properly notched set in a  
mound of stone 3 feet high  
for the cor to Secs 13. 18. 19  
and 24 - No trees near  
at this corner the surface was  
solid bed rock so that I  
could not set stone in  
ground. No trees near  
Land rocky mesa  
Soil decomposed Granite  
and mineral  
No timber.



Between Ranges 12 and 13 N Sp 20.

Gila and Salt River meridian

Ch South between Sec 19 and 24

Ta 15° East

800 Foot Hill

850 Cottonwood Creek 1 Ch wide  
flows W and commenced  
ascend to mesa at this  
point the Creek was dry

1600 Summit and line continues  
along rough mesa.

4000 Set a <sup>Granite</sup> Stone 36 x 12 x 8 ins  
marked  $\frac{1}{4}$  S in a mound  
of stone 3 feet high for  $\frac{1}{4}$   
Sec cor. No trees near  
at this cor the surface was  
solid bed rock so that I  
could not set Stone in  
ground.

8000 Set a Granite Stone 36 x 24 x 15  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a

Between Ranges 12 and 13 N Sp 20 S

Gila and Salt River meridian

whs mound of rocks 3 feet high for  
the cor to Sec 19. 24. 25 and 30  
No trees near.

Land rocky mesa.

Soil decomposed granite  
and mineral.

No timber.

South between Sec 25 and 30

Ta 15° East.

2500 Tavine bears W.

4000 Set a Granite Stone 24 x 12 x 8  
ins marked  $\frac{7}{8}$  S  $\frac{3}{4}$  in the  
ground and build mound  
of rocks 2  $\frac{1}{2}$  feet high for  
 $\frac{1}{4}$  Sec. cor. No trees near

8000 Set a Granite Stone 24 x 15 x 12  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a

Between Ranges 12 and 13 1/2 Sp Sec  
Gila and Salt River meridian

Ch<sup>g</sup> mound of stone 3 feet high  
for the cor to Sec 25, 30, 31  
and 36. No trees near  
Sand rocky mesa  
Soil decomposed granite  
and mineral.  
No timber.

South between Secs 31 and 36  
Ta 15° 0' east

25,00 Leave rocky mesa Sand  
and enter rolling foot hills  
of the Aquarius mountains

40,00 Set a post marked  $\frac{1}{4}$  S 4 feet  
long flattened 3 ins wide  
one foot in the ground and  
build mound of earth 2  
feet high with pits 2 x 1 x 1 ft  
for  $\frac{1}{4}$  Sec cor. No trees near

Between Tangles 12 and 13  $\frac{1}{2}$  Sp 20 N

Gila and Salt River meridian

Ch  
1870

Set a Post marked and notched  
 $4\frac{1}{2}$  feet long  $4$  in squared 1  
 foot in the ground deposit  
 marked stone and build  
 mound of earth  $2\frac{1}{2}$  feet high  
 with pits  $2 \times 1\frac{1}{2} \times 1$  ft for the  
 cor to Secs 1, 6, 31 and 36  
 Sp 19 and 20 N Tangles 12 and  
 13 West. No trees near  
 land on North rocky mesa  
 and soil decomposed Granite.  
 South rolling foot hills and  
 soil 2% rate  
 No timber

General description of Sp  
 20 N Tangle 12 W

The NW portion of this  
 Sp contains a small quantity

Between Range 12 and 13 1/2 Sp 20  
Gila and Salt River meridians

of farming and grazing  
land. Cottonwood Creek  
a fine stream of water flows  
through Sec 4 and south.  
The balance of the Sp lies  
in a ~~dry~~ <sup>dry</sup> aquaria mountains  
and foot hills - and contain  
several - quartz bearing ledges  
There is very little timber  
in the Sp

Ruston Foster  
U. S. Dep Surveyor

Between Range 12 and 13 W Sp 19 N

Gila and Salt River meridian

From the cor to Sp<sup>1</sup> 19 and 20  
North between Range 12 and 13  
W

I run

South between Sec 1 and 6

To 15° East

700 Quech flows W

4000 Set a Granite Stone 18 x 12 x 10  
ins marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near

8000 Set a post marked and notched  
4 feet long 3 ins squared 1 foot  
in the ground drive charred  
stake and build mound of  
earth 2  $\frac{1}{2}$  feet high with pits  
2 x 1  $\frac{1}{2}$  x 1 ft for the cor to  
Sec 1. b. 7 and 12.

No trees near

Between Ranges 12 and 13 N Sp 19

Gila and Salt River meridian

Chs Sand rolling foot hills  
Soil decomposed Granite.  
No timber.

South between Sec 7 and 12  
Va  $15^{\circ} 0'$  East

4000 Set a Granite Stone  $16 \times 10 \times 10$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound of  
Stone  $3\frac{1}{2}$  feet high for 14  
Sec cor. No trees near.

8000 Set a Granite Stone  $24 \times 8 \times 6$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 3 feet high for the  
cor to Sec 7, 12, 13 and 18  
No trees near

Sand rolling foot hills  
Soil decomposed Granite  
No timber

Between Ranges 12 and 13 N Sp 19 N

Gila and Salt River meridian

Chk South between Sect. 13 and 18  
To  $15^{\circ} 0'$  east

4000 Set a Granite Stone  $20 \times 10 \times 8$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  mi in the  
ground and build mound  
of stone  $2\frac{1}{2}$  feet high for  $\frac{1}{4}$   
Sec cor. No trees near

4750 Tavini flows N.

6500 Leave foot hills and enter the  
aquarius Range of mountains  
having a general bearing  
N and S.

7450 Commenced ascent of steep  
rocky mountain.

8000 Set a Granite Stone  $30 \times 12 \times 8$   
ins properly notched  $\frac{3}{4}$  mi in the  
ground and build a mound  
of rocks 3 feet high for the  
cor to Sect. 13. 15. 19 and 24  
No trees near.



Between Tangle 12 and 13<sup>W</sup> Sp 19.

Gila and Salt River meridians

The Sand North rolling. South  
mountainous.

Soil decomposed Granite  
and mineral.

No timber -

March 9<sup>th</sup> 1871

South between Sec 19 and 24  
Ta 15° 0' East

Line continues to ascend  
mountain.

2700 Gulch bears N.W.

4000 Set a Granite Stone 18 x 10 x 8  
ins marked  $\frac{7}{8}$  S and build  
a mound of stone 2½ feet  
high for  $\frac{1}{4}$  Sec cor. No  
trees near. at this cor the  
surface was solid bed rock  
so that I could not set  
stone in ground -

Between ranges 12 and 13 W Sp 19 N

Gila and Salt River meridian

2,500 Summit of mountain bearing  
E. N. E. and N. S. W.

7,400 Commence descent.

8,000 Set a Granite Stone  $20 \times 14 \times 6$   
ins properly notched  $3/4$  in the  
ground and build mound of  
rocks 3 feet high for the cor  
to Secs 19, 24, 25 and 30  
No trees near.

Land rough and mountainous  
Soil mineral.

No timber.

South between Secs 25 and 30

Ta  $15^{\circ} 0'$  East

17,000 Ravine bears N. S. W.

38,000 Foot of mountain and ravine  
flows N. S. W.

4,000 Set a Granite Stone  $18 \times 6 \times 6$  ins

Between Tongue 12 and 13 N Sp 19

Gila and Salt River meridians

Chs marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build a mound of rocks 2 feet high for  $\frac{1}{4}$  Sec cor. No trees near.

4500 Commenced ascent of rocky hill.

5750 Summit and here runs along over summits of hills.

6400 Gulch flows N. thence S.W.

8000 Set a Granite Stone  $30 \times 18 \times 8$  ins properly notched  $\frac{3}{4}$  in the ground and build mound of stone 3 feet high for the cor to Secs 25, 30, 31 and 36. No trees near. Land rough & mountainous. Soil decomposed Granite and mineral. No timber.

Between ranges 12 and 13 W Sp 19 N

Gila and Salt River meridians

- the South between Sec 31 and 36  
 Va 15° 0' East
- 1400 Tavine bears N.W. and  
 commence gradual ascent  
 to high mountain—
- 4000 Set a Granite Stone 16 x 8 x 4  
 ins marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the  
 ground and build mound  
 of stone 2½ feet high for  $\frac{1}{4}$   
 Sec cor. No trees near
- 7200 Summit of mountain and  
 commence gradual descent
- 8000 Set a Granite Stone 30 x 24 x 8 ins  
 properly notched  $\frac{3}{4}$  in the  
 ground - drive a stake marked  
 and notched 4½ feet long 4  
 ins squared one foot in the  
 ground and build around  
 it a mound of stone 2½ feet  
 high for the cor to Sec

Between Tanges 12 and 13<sup>W</sup> Sp 19.

Gila and Salt River meridian

and of Sp 18 and 19. Tanges 12<sup>W</sup> 13<sup>W</sup>

Ch 1. b. 31 and 36. No trees near  
Land rough and mountainous  
Soil mineral and decomposed  
Granite.

No timber.

General description  
of Sp 19 North Tange 12 West

This Sp lies wholly in  
the aquarius range of  
mountains and contains  
numerous mineral bearing  
ledges, principally silver,  
but on which scarcely any  
work has been done.

There is very little timber  
in the Sp

L. Buxton Foster  
U. S. Dep Surveyor

Between ranges 12 and 13 N Sp 18 N

Gila and Salt River meridian

Ch From the corner to Sp 18  
and 19 N between ranges  
12 and 13 N

Run

South between Sec 1 and 6

Wa 14,55' East

Line continues to descend  
from corner

4000 Set a Granite Stone 24 x 12 x 8  
ins marked  $\frac{1}{4}$  S and build  
a mound of stone 2  $\frac{1}{2}$  feet high  
for  $\frac{1}{4}$  Sec cor No trees near  
at this cor the surface was  
solid bed rock so that I  
could not set stone in ground

4400 Foot of mountain

46,80 Trout Creek to sinks wide  
flows N. S. N. deep channel  
swift current rocky bed  
and banks

Between Rangee 12 and 13 W Sp 18 N

Gila and Salt River meridian

the

4800 Begin ascent of West side of abrupt rocky hill.

8000 Summit of rocky hill and set a Granite Stone  $24 \times 12 \times 8$  ins properly notched and build a mound of stone 3 feet high for the cor to Secs 1, 6, 7 and 12. No trees near

at this cor the surface was solid bed rock so that I could not set stone in ground. Sand rough and mountainous. No soil -

Timber a few Cottonwoods on banks of Creek.

South between Secs 7 and 12

Ta  $14^{\circ} 58'$  East

2000 Commenced descent

2800 Gulch flows W

Between Tangles 12 and 13 N Sp 18

Gila and Salt River Meridian

- Ch  
4000 Set a Lime Stone  $16 \times 10 \times 6$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near
- 4200 Foot of mountain and Wash  
flows N 1 Chavi wide.
- 4400 Commence ascent to high  
rolling foot hills.
- 5200 Enter foot hills and line  
continues along hills  
gradually sloping South
- 8000 Set a Granite Stone  $18 \times 10 \times 4$   
ins properly notched  $\frac{2}{3}$  in the  
ground and build a mound  
of stone  $2\frac{1}{2}$  feet high for  
 $\frac{1}{4}$  Sec cor. No trees near  
Sand on N mountainous  
or South rolling foot hills  
Soil decomposed Granite



Between Tangles 12 and 13 W Sp 18 N

Gila and Salt-tiver Mendocino

the and mineral

No timber

South between Sec 13 and 18  
Ta 15° 0' east

- 2000 Wash 2 ch wide flows W.  
4000 Set a Granite Stone 18 x 12 x 10  
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  mi the  
ground and build a mound  
of stone 2  $\frac{1}{2}$  feet high for 1/4  
Sec cor. No trees near
- 4120 Wash 2 ch wide flows S. W.  
5900 Wash 3 ch wide flows S. W.  
8000 Set a Limestone Stone 20 x 8 x 8 ins  
properly notched  $\frac{3}{4}$  mi the  
ground and build a  
mound of stone 2  $\frac{1}{2}$  feet high  
for the cor to Secs 13, 18, 19 and  
24. No trees near.

Between Tangles 12 and 13 N Sp 18

Gila and Salt river mound

chr Sand rolling foot hills  
Soil decomposed Granite  
No timber.

March 10<sup>th</sup> 1874

South between Sec 19 and 24  
Ta 15° 0' east.

3800 Wash 4 chr wide flows S. N

4000 Set a Limestone 16 x 10 x 8  
ins marked  $\frac{1}{2}$  S  $\frac{2}{3}$  in the  
ground and build a  
mound of stone 2 feet high  
for  $\frac{1}{4}$  Sec cor. No trees near

5280 Wash 7 chr wide flows N.

8000 Set a Granite Stone 24 x 18 x 8  
ins properly <sup>notched</sup> marked  $\frac{3}{4}$  in  
the ground and build  
a mound of rocks 2  $\frac{1}{2}$  feet  
high for the cor to Secs  
19, 24, 25 and 30.

Between Tanges 12 and 13 W Sp 18 N

Gila and Salt River meridian

Chc No trees near  
 Sand rolling hills  
 Soil 2<sup>o</sup> rate  
 No timber.

South between Secs 25 and 30  
 Va 15° 0' East

36,20 Wash 3 chc wide flows W.S.W.

4,000 Set a Linné Stone 16 x 10 x 10 ins  
 marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
 and build mound of stone  
 2  $\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec cor  
 No trees near

8,000 Set a Linné Stone 24 x 22 x 8  
 ins properly notched  $\frac{3}{4}$  in  
 the ground and build a  
 mound of stone 3 feet high  
 for the cor to Secs 25, 30, 31  
 and 36. No trees near.

Between Tangles 12 and 13 N Sp 15 N.

Gila and Salt River meridian

The Sand gently rolling hills  
Soil  $\frac{2}{3}$  rate  
No timber.

South between Sec 31 and 36  
Ta 15° 0' East.

1200 Wash to the wide flows N.

4000 Set a Granite Stone 20 x 10 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near

8000 Set a Granite Stone 24 x 12 x 6  
ins properly notched  $\frac{3}{4}$  in  
the ground drive a stake  
marked and notched  $\frac{1}{4}$  foot  
long 4 ins squared 1 foot in  
the ground and built  
around it a mound of  
stone 2  $\frac{1}{2}$  feet high for the

Between Range 12 and 13 N Sp 18 N

Gila and Salt River meridians

Chs. cor to Secs 1, 6, 31 and 36  
 Sp 17 and 18 N Range  
 12 and 13 W. No trees near  
 sand rolling hills.  
 Soil D.C. rate  
 No timber

### General Description of Sp 18 N Range 12 W

The entire Sp lies  
 in the foot hills and  
 mountains of the aquarius  
 range. There are several  
 mineral bearing ledges  
 in the Sp, but there is  
 scarcely any work  
 done on them. Timber  
 consists of a few Cedars  
 and Palos Verde in the

Between Tangles 12 and 13 N Sp 18 N

Gila and Salt River meridians

South portion of Sp

L. Burton Foster  
U. S. Dep. Surveyor

Between Tangles 12 and 13 N Sp 17 N

Gila and Salt River meridian

Chc From the cor to Sp 17 and 18  
N between Tangles 12 and 13  
N.

I run

South between Sec 1 and 6

$\gamma$   $14^{\circ}55'$  East

4000 Set a Limestone 16 x 10 x 6 in  
marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
and build a mound of earth  
 $2\frac{1}{2}$  feet high with pits  $2 \times 1 \times 1$  ft  
for  $\frac{1}{4}$  Sec cor from which  
a Palos Verde 10 in dia bears  
East 10 Linth. No others near.

8000 Set a Granite Stone 16 x 10 x 8 in  
properly notched  $\frac{2}{3}$  in the ground  
and build a mound of rocks  
 $2\frac{1}{2}$  feet high for the cor to  
Sec 1. b. 7 and 12. No trees near  
Land broken by small hills  
running E and N.

Between ranges 12 and 13 N Sp 17

Gila and Salt River meridians

Ch. Soil 2<sup>d</sup> rate

Timber a few Halos Verde

South between Sec 7 and 12  
Ta 14° 55' East

600 Wash 5 ch wide flows N.

4000 Set a Granite Stone 16 x 10 x 5 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of rocks  
2 feet high for  $\frac{1}{4}$  Sec. cor  
No trees near.

6600 Wash 2 ch wide flows N.

6950 Begin ascent to high rolling  
mesa

8000 Set a Granite Stone 22 x 8 x 6  
ins properly notched  $\frac{3}{4}$  in the  
ground and build mound  
of stone 3 feet high for the  
cor to Sec 7, 12, 13 and 18



Between Ranges 12 and 13  $N 17^{\circ} E$

Gila and Salt River meridian

Chc No trees near  
 Sand broken N. mesa South  
 Soil decomposed granite  
 No timber

South between Sec 13 and 18  
 $\text{Ta } 14^{\circ} 55' \text{ East}$

13,00 Summit of high mesa

37,00 Gutch flows  $N$ .

40,00 Set a Granite Stone  $16 \times 10 \times 8$  ins  
 marked  $\frac{1}{4} S \frac{2}{3}$  in the ground  
 and build mound of stone  
 $2\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec. cor  
 No trees near

68,00 Begin descent from rolling  
 mesa -

74,00 Foot of mesa

76,00 arroyo 150 or the wide flows  
 West

80,00 Set a Granite Stone  $20 \times 10 \times 8$

Between Tangles 12 and 13 N Sp 17 N

Gila and Salt-tower meridian

Cherms properly notched  $\frac{3}{4}$  in the ground and build mound of stone and earth 2 feet high with pits  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  ft for the cor to Secs 13, 18, 19 and 24. No trees near.

Sand high rolling mesa soil decomposed granite. No timber.

South between Secs 19 and 24  
Va  $14^{\circ}55'$  east

4,000 Set a Lime Stone  $18 \times 8 \times 8$  ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build a mound of earth 2 feet high with pits  $2 \times 1 \times 1$  ft for the  $\frac{1}{4}$  Sec cor. No trees near.

4,300 Wash 3 ches wide flow N

Between Ranges 12 and 13 N Sp 17 N

Gila and Salt River meridian

Chs

7400 Wash 4 ch wide flows N.

8000 Set a Granite Stone  $18 \times 10 \times 8$   
ins properly notched  $\frac{2}{3}$  in  
the ground and build a  
mound of stone  $2\frac{1}{2}$  feet high  
for the cor to Secs 19, 24, 25  
and 30. No trees near.

Sand rolling hills

Soil D. & rate

No timber

March 11<sup>th</sup> 1874

South between Secs 25 and 30

To  $14^{\circ} 55'$  east.

2900 Wash 7 ch wide flows N.

4000 Set Granite Boulder  $36 \times 18 \times 12$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near.

Between ranges 12 and 13 W Sp 17 N

Gula and Salt river meridian

Ch

4700 Wash to the wide flow W

8000 Set a Granite Stone  $20 \times 8 \times 6$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Secs 25, 30, 31 and 36  
from which

a Palos Verde 10 in dia bears N 30 W

a Palos Verde 8 in dia bears N. 60 W

No others near

Land rolling hills

Soil 2<sup>d</sup> rate

Timber a few scattering  
Palos Verde.

South between Secs 31 and  
36 -

Va  $14^{\circ}55'$  East

50 Wash flow W 5 ch wide

3600 Wash flow W 3 ch wide

Between ranges 12 and 13 N Sp 17 N

Gila and Salt River meridian  
the

4000 Set Granite Stone  $14 \times 8 \times 6$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone 2  
feet high for  $\frac{1}{4}$  Sec. cor. No  
trees near.

8000 Intersected the  $4^{\text{th}}$  Standard  
Parallel and established the  
Standard cor to Sec 31 and  
36 Sp 17 N between ranges  
12 and 13 N by setting a  
post  $4\frac{1}{2}$  feet long 4 inches  
squared one foot in the  
ground and build around  
it a mound of rocks 2  $\frac{1}{2}$  feet  
high the post marked  
and notched, from which  
a Palo Verde 10 ins dia bears  
S. W 10 links. No others near  
Land rolling hills  
Soil 2<sup>d</sup> rate -

Between Tangles 12 and 13 N Sp 17 N  
Gila and Salt River meridian

Timber some few Palos Verde  
March 12<sup>th</sup> 1874

General Description of  
Sp 17 N Tangle 12 N. This  
Sp lies in the mountains  
and foot hills of the Aquarius  
Range - and contains several  
mineral bearing veins - silver  
principally. The Timber  
consists of some few Palos  
Verde.

LeRuston Foster  
U. S. Dep Surveyor

The Field Notes  
OF THE

BOOK 1642

FOURTH

Standard Meridian

South boundary of Sec 36  
in  
Township 17 North Range 13 West  
to  
Sec 31 in Range 14 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 12<sup>th</sup> March 1874  
Survey completed 13<sup>th</sup> March 1874

No of Miles 12.

South boundary of Tp 17 North Range 13 W  
Gila and Salt River meridian

From the established corner to  
Township 17 North Range 12  
and 13 West

I run

West along the 4<sup>th</sup>  
Standard Parallel

To  $14^{\circ} 55'$  east as per  
Burt's improved Solar compass

At this corner I  
obtained by a meridional  
altitude of the sun on the  
12<sup>th</sup> day of March 1874 - the  
sun's declination being  $3^{\circ}$   
 $8' 30''$  the deduction for the  
observation showing a latitude  
of  $34^{\circ} 44' 40''$  this latitude I  
set off on the latitude arc of  
Burt's improved Solar compass  
and proceeded to run and  
establish the 4<sup>th</sup> Standard



South boundary of Tp 17 N Range 13

Gila and Salt River Meridian

Parallel as per instructions  
 The divergency of a straight-  
 line or one run with fore  
 and back sights from the  
 Parallel will be 24 links  
 for a distance of six miles or  
 the side boundary of a Township  
 this divergency obtained by  
 a calculation of tangent  
 angles of the 35 Parallel of  
 Latitude therefore to counteract  
 the tendency of a standard  
 line to leave a line Parallel  
 to the Parallel of Latitude  
 I shall take an observation  
 every mile run as the  
 divergency is as follows  
 per mile

1<sup>st</sup> mile divergency 0 links  
 2<sup>nd</sup> " " 2 "

4<sup>th</sup> Standard Parallel

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BOOK 1642

South boundary of Sp 17 Range 13 N

Gila and Salt River meridians

3<sup>rd</sup> mile divergency 5 links

4<sup>th</sup> " " 10 "

5<sup>th</sup> " " 16 "

6<sup>th</sup> " " 24 "

West on true line on South  
boundary of Sec 36

To 14° 55' East as  
per Burts improved Solar  
Compass

4000 Set a Stone 16 x 10 x 8 one  
marked  $\frac{7}{8}$  in the ground  
and build a mound of stone  
2½ feet high on West side for  
¼ Sec cor. ~~It lies near~~

200 Leave rolling hills and  
enter creek bottom.

8000 Remote from Stone or Timber  
drive charred stake 12 ins  
down and build a mound

4<sup>th</sup> Standard Parallel

BOOK 1642

South boundary of Tp 17 N Range 13 E

Gila and Salt River meridian

Ch<sup>o</sup> 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 in  
 squared 1 foot in the ground  
 for the standard cor to Secs  
 35 and 36 - No trees near.  
 Sand rolling hills except  
 creek bottom which is level  
 Soil 1<sup>st</sup> and 2<sup>d</sup> Grade  
 No timber.

West on true line on South  
 boundary of Sec 35

47 15' 0" East

22,00 Enter Wash of Big Sandy 100' wide  
 28,50 Stream 2 ch<sup>o</sup> wide shallow  
 gravelly bed flowing S.  
 35,00 from this point across house  
 and outbuilding bear N

South boundary of Sp 17 Range 13 N

Gila and Salt River meridian

0.00 10 chains -

4.00 Set a post marked 1/4 S 4 feet long flattened 3 ins wide drive charred stake and build mound of earth 2 feet high with pits 2 x 1 x 1 ft for 1/4 Sec cor. No trees near

4.50 Enter marsh bearing N and S

52.00 Leave marsh bearing N and S

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 see 34 and 35 - No trees near

4<sup>th</sup> Standard Parallel  
 South boundary of T<sup>p</sup> 17 N Range 13  
 Gold and Salt River meridian

Chc Land level.

Soil 1<sup>st</sup> and 2<sup>nd</sup> rate

Timber some cottonwoods  
 on banks of Big Sandy.  
 Undergrowth along bottom  
 land mesquite and catalpa

BOOK 1642

West on true line on South  
 boundary of Sec 34

Ya 15° 03' east

4000 Set a granite stone 15 x 8 x 8  
 ins marked 1/4 S 2/3 in the  
 ground and build a  
 mound of earth 2 feet high  
 on West side with pits  
 2 x 1 x 1 ft for 1/4 Sec cor.  
 No trees near.

8000 Remote from Stone or Sur. bet  
 drive charred stake 12 ins  
 down and build a mound

4  $\frac{1}{4}$  Standard Parallel

South boundary of Sp 17 Tange 13 W

Gila and Salt River meridian

0.5 of earth 2  $\frac{1}{2}$  feet high with pits  
 26  $\frac{1}{2}$  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 Sec 33 and  
 34 - No trees near  
 Sand level.

Soil 1<sup>st</sup> rate

No timber.

BOOK 1642

West on true line on south  
 boundary of Sec 33.

$\frac{1}{4}$  to  $15^{\circ} 03'$  east

4000 Set a Granite Stone 16 x 8 x 8  
 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
 ground - drive charred stake  
 12 ins down and build a  
 mound of earth 2 feet high

4<sup>th</sup> Standard Parallel

South boundary of Tp 17 N Range 13

Gila and Salt River meridians

8000  
 Che with pits  $2 \times 1 \times 1$  ft for 1/4  
 Sec cor. No trees near  
 Remote from store 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 cor 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 32  
 and 33. No trees near  
 Sand level  
 Soil 1<sup>st</sup> rate  
 Timber some few scattering  
 Cedars.

March 25<sup>th</sup> 1874

BOOK  
 1642

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

South boundary of Tp 17 N Range 1311

Gila and Salt River meridian

412 West on true line on South  
boundary of Sec 32  
Ta 15° 05' East

BOOK 1642

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 Set a Linné Stone 20 x 12 x 4 ins  
properly notched 3/4 in the  
ground 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 for the  
Standard cor to Sec 31 and 32  
No trees near  
Sand level.  
Soil 1<sup>st</sup> rate  
No timber



4<sup>th</sup> Standard Parallel

South boundary of Sp 17 Range 13

Gila and Salt River meridians

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

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  
posts 2 x 1 x 1 ft for 1/4 Sec cor  
No trees near.

4300 Wash 25 links wide flow N.W.  
and enter rolling hills

5000 Set a Granite Stone 24 x 10 x 10  
ins properly marked 3/4 in  
the ground and build a  
mound of rocks 2 1/2 feet high  
on West side and drive a  
post 4 1/2 feet long 4 inches  
squared marked and  
notched 1 foot in the ground  
for the Standard cor to

BOOK 1642

4<sup>th</sup> Standard Parallel

South boundary of Sp 17 N Range 13 W

Gila and Salt River meridian

See Sec 31 and 34 - Sp 17 North  
Range 13 and 14 West.

No trees near.

Land level to rolling W  
Soil 1<sup>st</sup> and 2<sup>d</sup> rate

No timber.

### General Description of Sp 17 N Range 13 W.

This Sp contains a  
considerable amount of good  
farming and grazing land.

The Big Sandy Creek flows  
through the Eastern portion  
in a Southern direction and is  
subject in rainy seasons to  
frequent overflows of its banks  
forming a broad Sand Wash  
along side of its Channel.

South boundary of Sp 17 N Range 13 W

Gila and Salt River meridian

at an average width of 10 chains. There are several Springs of Water in different parts of the Sp. The Timber consists of some cottonwood on banks of Big Sandy and some scattered cedars in South West portion of Sp

L. Ruston Foster  
U.S. Dep Surveyor

General Description  
of Sp 16 N Range 13 W.

This Sp contains a large quantity of grazing and farming land. The Big Sandy runs through the eastern portion in a southerly direction. The only

4<sup>th</sup> Standard Parallel  
south boundary of Sp 17 N Range 13W  
Gila and Salt River meridians

Timber in the Sp consists of  
some Cottonwoods along banks  
of Big Sandy and a few  
scattering Cedars in N.W.  
portion of Sp

C. Burton Foster  
U. S. Dep Surveyor

14<sup>th</sup> Standard Parallel

BOOK 1642

West Boundary of Sp 17 Nitange 14<sup>th</sup>  
Gila and Salt River meridian

West on true line on South  
boundary of Sec 36

7a 15° 03' east

1980 Wash 150 links wide flow N.E.

8, 10 Wash 180 <sup>15</sup>/<sub>10</sub> wide flow S.E.

1000 Set a Granite Stone 18x12x10 ins  
marked <sup>1</sup>/<sub>4</sub>S - <sup>2</sup>/<sub>3</sub> in the ground  
and build mound of rocks  
<sup>2</sup>/<sub>3</sub> feet high on West side  
for <sup>1</sup>/<sub>4</sub> Sec cor. No trees near

8000 Set a Granite Stone 24x12x8  
ins properly marked <sup>3</sup>/<sub>4</sub> in the  
ground and build a mound  
of rocks 3 feet high on West-  
side for the Standard corner  
to Secs 35 and 36 from which  
a Palos Verde 8 in dia bears 540660 links  
No others near  
Sand rolling hills  
Soil 2<sup>d</sup> rate

South boundary of Tp 17 Range 14

Gila and Salt River meridians

Chc Timber a few scattering Cedar  
and Palos Verde.

West on true line on South  
boundary of Sec 35  
Va 15° 0 east.

- 17,00 Wash 25 links wide flow S<sub>6</sub>
- 2000 Begin ascent of foot hills of  
Hualpai range of mountains
- 38,00 Summit of 1<sup>st</sup> foot hill  
Line continues to ascend
- 40,00 Set a Granite Stone 15x10x8  
ins marked  $\frac{1}{4}$  S.  $\frac{3}{4}$  in the  
ground and build mound  
of rocks 2  $\frac{1}{2}$  feet high on  
West side for  $\frac{1}{4}$  Sec cor  
from which
- a Cedar 10 ins dia bears N80°W 9 links  
a Cedar 8 ins dia bears S10°E 35 "

4<sup>th</sup> Standard Parallel

BOOK 1642

South boundary of Tp 17 N Range 14 W

Gila and Salt River meridian

Chc  
7350

Trail bears N and S.

8000

Set a Granite Boulder  $30 \times 15 \times 6$   
 ins properly notched  $\frac{3}{4}$  in the  
 ground and build a mound  
 of stone 3 feet high on West  
 side for the Standard cor  
 to Secs 34 and 35 from which  
 a Granite Boulder  $10 \times 8 \times 4$  feet  
 in pile of Granite Boulders  
 marked X bears  $N 30^\circ W 20$  lbs

No trees near

Land broken and mountainous  
Soil mineralTimber some Cedars on East  
end of line -

West on true line on South  
 boundary of Sec 34

Va  $14^\circ 55'$  East

4000

Set a Brown Quartz rock

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

South boundary of Sp 17 N Range 14

Gila and Salt River meridians

Ch 15 x 12 x 8 ins marked  $\frac{1}{4}$  S.  $\frac{2}{3}$   
in the ground and build a  
mound of rocks 2  $\frac{1}{2}$  feet high  
on West side for  $\frac{1}{4}$  Sec cor  
No trees near

62,50 Gulch flows S. E.

7000 Trail bears N.W. and S.

8000 Set a Granite Boulder 36 x 20 x 8  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a  
mound of rocks 3 feet high  
on West side for the  
Standard corner. See  
33 and 34 - No trees near  
Sand broken and mountainous  
Soil mineral -  
No timber -



4<sup>th</sup> Standard ParallelSouth boundary of T<sup>1</sup> Range 14<sup>th</sup>

Gila and Salt River meridian

Ch<sup>1</sup> West on true line on South  
boundary of Sec 33

Va 14° 58' East

4000 Set a Granite Stone 15 x 8 x 6  
ins marked  $\frac{1}{2}$  S -  $\frac{2}{3}$  in the  
ground and build a mound  
of rocks 3 feet high on West  
side for  $\frac{1}{4}$  Sec cor - No trees  
near

8000 Set a Granite Stone 20 x 12 x 6  
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 3 feet high on West  
side for the Standard corner  
to Sec 32 and 33.

No trees near.

Land rough and mountainous.

Soil mineral.

No timber.

4  $\frac{1}{4}$  Standard Parallel  
 South Boundary of Tp 17 N Range 14

Gila and Salt River meridian

- Ch West on true line on South  
 boundary of Sec 32  
 Va  $14^{\circ} 58'$  East
- 300 Summit of first range of  
 Hualpai mountains  
 Line runs along between  
 Summits -
- 4000 Set a Granite Boulder  $40 \times 30 \times 12$   
 ins marked  $\frac{1}{4}$  S -  $\frac{3}{4}$  in the  
 ground and build a mound  
 of rocks  $2\frac{1}{2}$  feet high on West  
 side for  $\frac{1}{4}$  Sec cor  
 No trees near.
- 7900 Line runs by a mass of  
 Granite Boulders on South  
 of line -
- 8000 Set a Granite Boulder  $30 \times 14 \times 11$   
 ins properly notched  $\frac{3}{4}$  in  
 the ground and build a  
 mound of rocks 3 feet high

4<sup>th</sup> Standard Parallel  
 South Boundary of T<sup>p</sup> 17 N Range 14 W

Gila and Salt River meridian

Ch<sup>r</sup> on West side for the Standard  
 corner to Sec 31 and 32  
 from which a Granite Boulder  
 30 x 15 x 15 feet bears East 100  
 links. No trees near  
 Sand rough and mountainous  
 Soil mineral -  
 No timber -  
 Undergrowth - Oak Brush  
 and manzanita -

West on true line on South  
 boundary of Sec 31

Ca 14° 58 East

Commence descent from corner

1500 Gulch flows N.

2700 Gulch flows N.E.

4000 Set a lime Stone 15 x 12 x 8 ins  
 marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
 and build mound of rocks

57

4<sup>th</sup> Standard Parallel  
South boundary of Sp 17 T Range 14

Gila and Salt River meridian

Chc 2½ feet high on West side  
for ¼ Sec cor. No trees near

52,00 Trail from Cedar Valley  
Settlements to Congress and  
other mines bears SW and  
N. N. E.

57,00 Gulch flows N

76,50 Trail bears S. and N. N. W.

79,70 Gulch flows N. N. W.

80,00 Set a Granite Stone 18 x 10 x 6  
ins properly notched and  
build a mound of rocks 3  
feet high on West side and  
in centre of mound set a  
post 4½ feet long 4 inches  
squared marked and  
notched for the Standard  
cor to Secs 31 and 36 and  
of Sp 17 T Range 14 and  
15 N from which a Granite

4<sup>th</sup> Standard Parallel

South boundary of Sp 17 N Range 14 N

Gila and Salt River meridian

Boulder marked + 18x12x10 feet bears  
 N 77° to 75 South. No trees near  
 At this corner the surface was solid  
 bed rock so that I could not set  
 post or stone in ground -  
 Sand rough and mountainous  
 Soil mineral. No timber.  
 Undergrowth oak brush and  
 Manzanita -

March 13<sup>th</sup> 1874

At this corner I obtained a  
 Meridian altitude of the Sun  
 The Sun's declination  $2^{\circ} 44' 25''$   
 Latitude  $34^{\circ} 44' 40''$

General Description of  
 Sp 17 N Range 14 N

The whole of this Sp lies in  
 the foot hills and mountains

4<sup>th</sup> Standard Parallel  
 South boundary of T<sup>p</sup> 17 N Range 14

BOOK 1642  
 Gila and Salt River Meridian

of the Hualapai Range and forms  
 part of the Cedar Mining District

It contains numerous  
 Gold Silver Copper and Iron  
 Lodes - Silver predominating

The Congress Silver mine  
 is situated in the N. W.  
 portion and is the best  
 developed mine in the T<sup>p</sup>.  
 it is now being worked and  
 the Ore shipped to San Francisco  
 at a profit to the owners

There is scarcely any  
 timber in the T<sup>p</sup>.

Undergrowth Oak Brush  
 and manzanita

C. Burton Foster  
 U. S. Dep. Surveyor

4<sup>th</sup> Standard Parallel  
 South boundary of Sp 17 N Tange 14 N

Gila and Salt river meridian

General Description  
 of Sp 16 N Tange 14 N  
 Thus Sp lies wholly in  
 the Foot hills and mountains  
 of the Huachuca Range and  
 forms part of the Cedar  
 mining District - the Cedar  
 Valley Settlement is situate in  
 the S.W. portion of Sp - there  
 are numerous Gold Silver  
 Copper and Iron lodes  
 in Sp - Silver predominating -

The most prominent of which  
 are the Arnold and the  
 Gunsight from both of  
 which a considerable quantity  
 of ore has been shipped to  
 San Francisco at a profit  
 to the owners -

There is considerable

61 4<sup>th</sup> Standard Parallel  
South boundary of Sp 17 Stange

Gila and Salt river meridians

Cedar Timber in the centre  
and Southern portion of  
the Sp - Undergrowth  
oak brush and manzanita.

C. Dunton Foster  
U. S. Dep Surveyor

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# General Description of the Standard Parallel

Beginning at the cor to Sp 17 N Tanges 12 and 13 W and among the low foot hills of the Aquarius range of mountains the line extends Westward across the Valley of the Big Sandy over gently rolling hills and ascends the eastern slope of the Huatpai range of mountains and into the Cedar mining District to the cor to Sp 17 N Tanges 14 and 15 W which corner is about 3 miles North of the center of the Cedar mining District.

The only arable land along the line is the narrow valley along the banks of the Big Sandy creek.

General Description  
of the  
4<sup>th</sup> Standard Parallell

The rolling hills are covered with an abundance of grass affording excellent grazing.

The timber consists of Cottonwoods along the Banks of the Big Sandy and some Cedars scattered along on either side of the line.

The Cedar mining District is said to be the richest in mineral of any in this section of the Territory and as ledges containing either Iron copper silver or Gold frequently crop out I should judge it merited its reputation.

W. B. Foster  
U. S. Dep. Surveyor

Field Notesof theExterior Pottery

of

Township 17 North  
Range 13 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> Aug 1873Survey commenced 14<sup>th</sup> March 1874Survey completed 16<sup>th</sup> March 1874

Between Ranges 13 and 14 N Sp 17 N

Gila and Salt River meridian

Chs From the cor to Sp 17 North  
between Ranges 13 and 14 West  
and the cor to Sec 31 and 36  
I run

North between Secs  
31 and 36.

4000 Ta 14°55' East as per  
Burt's improved Solar Compass  
Set a Granite Stone 24 x 18 x 6 in  
marked  $\frac{3}{4}$  S  $\frac{3}{4}$  in the ground  
and build mound of rocks 2  
feet high for  $\frac{1}{4}$  Sec cor from which  
a Cedar 10 in dia bears N 45° W 15 in.  
No others near

6000 Deluge Wash 10 chs wide flow b.

8000 Set a Granite Stone 20 x 14 x 10 in  
properly notched  $\frac{3}{4}$  in the  
ground and build mound  
of rocks 2½ feet high for the  
cor to Secs 25, 30, 31 and 36

Between ranges 13 and 14 N Sp 17 S

Gila and Salt River meridian

che No trees near

Sand rolling grassy hills  
Soil 1<sup>st</sup> and 2<sup>nd</sup> rate

Timber a few scattering  
Cedars along centre of line

North between Sec 25 and 30  
Ta 14° 55' East

4000 Set a Granite Stone 14 x 10 x 8 ins  
marked  $\frac{7}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone  
2  $\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec. Cor  
No trees near

8000 Set a Granite Stone 30 x 10 x 8  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a  
mound of stones 3 feet high  
for the cor to Sec 19, 24, 25  
and 30. No trees near

Between Tangles 13 and 14 N Sp 17 N

Gila and Salt River meridian

the Sand rolling grassy hills  
Soil 1<sup>st</sup> and 2<sup>d</sup> Grade  
No timber

North between Sec 19 and 24  
Ta 15° 0' East

4000 Set a Granite Stone 15 x 10 x 4 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone  
 $2\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec cor  
No trees near

5900 Wash 1 ch wide flows East  
8000 Set a Granite Stone 15 x 10 x 4 ins  
properly notched  $\frac{2}{3}$  in the  
ground deposit marked stone  
and build mound of earth  
 $2\frac{1}{2}$  feet high with pits  $2 \times 1\frac{1}{2} \times 1$   
ft for the cor to Secs 13. 18. 19  
and 24. No trees near  
Sand rolling grassy hills

Between Tangles 13 and 14 W Sp 17.

Gila and Salt River meridians

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

No timber

North between Sec 13 and 18

To 15° 0' east

14,00 Wash 1 ch wide flows east

34,00 Wash 50 barks wide flows E.

40,00 Set a Granite Stone 16 x 10 x 8

ins marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground deposit marked stone

and build a mound of earth

3 feet high with pits 2 x 1 x 1 ft

for  $\frac{1}{4}$  Sec cor. No trees near

50,00 Set a Granite Stone 18 x 10 x 6 ins

properly notched  $\frac{2}{3}$  in the ground

and build mound of stones

3 feet high for the cor to Secs

7, 12, 13 and 18. No trees near

Land rolling grassy hills,

Soil 2<sup>d</sup> rate.

Between Ranges 13 and 14 N Sp 17 N

Gila and Salt-River meridian

Chc No timber

North between Sec 7 and 12  
To 15° 0' East

1100 Wash 50 links wide flows to

2100 Wash 25 links wide flows to

4000 Set a Granite Stone 16 x 12 x 4 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

5300 Wash 40 links wide flows to

5000 Set a Granite Stone 24 x 15 x 10 ins  
properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 3 feet high for the  
cor to Sec 1. 6. 7 and 12  
No trees near -

Sand rolling grassy hills  
Soil  $1\frac{1}{2}\%$  and  $2\%$  rate -



Between Ranges 13 and 14 N Sp 17

Gila and Salt River Meridian

Ch No timber

North between Sec 1 and 6  
Ta 15° 0' east

3200 Wash 1 ch wide flows east

4000 Set a Granite Stone 15 x 8 x 6 ins  
marked  $\frac{1}{4}$  S  $\frac{1}{4}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

6100 Wash 50 burks wide flows east

8000 Set a Granite Stone 36 x 14 x 10  
ins properly notched  $\frac{3}{4}$  in the  
ground drive a stake marked  
and notched 4  $\frac{1}{2}$  feet long 4 in  
squared 1 foot in the ground  
and build around it a  
mound of stone 2  $\frac{1}{2}$  feet high  
for the cor to Sec 1, 6, 31 and  
36. Sp 17 and 18 N between

Between Range 13 and 14 W Sp 17 N

Gila and Salt River meridian

Chs. Ranges 13 and 14 West

No trees near

Land rolling grassy hills

Soil 1<sup>st</sup> and 2<sup>d</sup> rate

No timber

March 14<sup>th</sup> 1874

Between Sp 17 and 18 N Range 13 W

From the cot to Sp 17 and 18  
N Ranges 13 and 14 W

I run

East on random line  
between said Sp. the Va  
being 15° 0' East as per  
Burt's improved Solar  
Compass.

I set temporary 1/2  
mile and mile posts at 4,000  
and 8,000 chains -

Between Tps 17 and 18 N Range 13

Gila and Salt River meridians

Chs I find the Sp line to be 5 miles 79 chains and 40 links and the falling to be at the Townships corner the correction for the true line will therefore be 60 links West per mile.

From the cor to Tps 17 and 18  
North Range 12 and 13 West  
Shun

West on true line between  
Secs 1 and 36.

At 15° 0' East

4000 Set a Lime Stone 18 x 8 x 8 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor.

Between Apr 17 and 18 N range 13 H

Gila and Salt River meridian

Ch from which

a Palos Verde 12 in dia bears S 20° W  
55 links. No others near

8000 Set a granite stone 15 x 10 x 6 ins  
properly notched 2/3 in the  
ground deposit marked stone  
and build mound of earth  
2 1/2 feet high with pits 2 x 1 1/2 x 1  
ft for the cor to Secs 1, 2, 35  
and 36. No trees near  
Sand rolling hills  
Soil 2<sup>d</sup> and 3<sup>d</sup> rate  
Lumber a few scattering Palos  
Verde along line.

West on true line between  
Secs 2 and 35

N 15° E East

2400 Leave rolling hills and  
enter bottom lands of the

Between Apr 17 and 18 N range 13 1/2

Gila and Salt River meridians

Cher Big Sandy

4000 Set a post marked  $\frac{1}{4}$  S 4 feet long flattened 3 ins wide one foot in the ground and build around it a mound of stone 2 feet high for 1/4 Sec cor from which a cottonwood 15 ins dia bears S.  $75^{\circ}$  to  $115$  links.

No others near

4700 Entered Wash of Big Sandy flowing South.

5700 Stream 150 links wide shallow - gravelly bed, rapid current flow South

6100 Opposite bank of Wash flow S.

7500 Road from Lower Settlements bears N and S.

8000 Set a post marked and notched 4  $\frac{1}{2}$  feet long 3 ins

BOOK 1642

Between Apr 17 and 18 Range 13 N

Gila and Salt River meridian

Chc squared 1 foot in the ground  
drive charred stake and  
build mound of earth 2½ feet  
high with pits 2 x 1½ x 1 ft for  
the cor to Secs 2, 3, 34 and 35

No trees near

Land mostly level

Soil 1<sup>st</sup> and 3<sup>d</sup> rate

Timber a few Cottonwoods on  
banks of Big Sandy

West on true line between  
Secs 3 and 34

Wa 15° 0' east

4000 Set a post marked ¼ S 4 feet  
long flattened 3 ins wide  
drive charred stake and  
build mound of earth 2 feet  
high with pits 2 x 1 x 1 ft for  
¼ Sec cor. No trees near.

Between Twp 17 and 18 N Range 13 E.

Gila and Salt River meridian

Ch

8000 Set a post marked and notched  
 4  $\frac{1}{2}$  feet long 3 ins squared  
 one foot in the ground drive  
 charred stake 12 ins down  
 and build mound of earth  
 2  $\frac{1}{2}$  feet high with pit's 2 x 1  $\frac{1}{2}$  x 1  
 ft for the cor to Secs 3, 4, 33  
 and 34. No trees near  
 land level.  
 Soil 1 $\frac{1}{2}$  rate.  
 No timber

West on true line between  
 Secs 4 and 33.

To 1500' east

4000 Set a Granite Stone 14 x 10 x 8  
 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
 ground and build a mound  
 of stone 2 feet high for  $\frac{1}{4}$

Between Spr 17 and 18 N Range 15 W

Gila and Salt River meridian

Chc Sec cor. No trees near  
 8000 Set a Granite Stone  $18 \times 10 \times 4$  ins  
 properly notched  $\frac{2}{3}$  in the  
 ground drive charred stake  
 12 ins down and build a  
 mound of earth  $2\frac{1}{2}$  feet high  
 with pits  $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  for the  
 cor to Secs 4, 5, 32 and 33

No trees near

Land level

Soil 1<sup>st</sup> rate

No timber

West on true line between  
 Secs 5 and 32.

To  $15^{\circ} 0'$  East

2300 Leave level land and enter  
 rolling grassy hills.

4000 Set a Granite Stone  $16 \times 12 \times 10$   
 ins marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the



Between Apr 17 and 18 N Tangles 13

Gula and Salt River meridian

Clear ground and build a mound  
of stone 2 feet high for 1/4  
Sec cor. No trees near

8000 Set a post marked and  
notched 4 1/2 feet long 3 in  
squared 1 foot in the ground  
drive charred stake 12 in  
down and build mound  
of earth 2 1/2 feet high with  
pits 2 x 1 1/2 x 1 ft for the cor to  
Secs 5, 6, 31 and 32.

No trees near.

Land level to rolling N  
Soil 1<sup>st</sup> and 2<sup>d</sup> rate

No timber

West on true line between  
Secs 6 and 31

Var 15° 0' East

4000 Set a Granite Stone 18 x 8 x 6

Between Sp 17 and 18 N Tanges 13 W

Gula and Salt River meridian

Ch. ms marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build a mound of stone 2  $\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec cor. No trees near.

7940 The established cor to Sp 17 and 18 N Tange 13 and 14 W Sand rolling grassy hills Soil 2<sup>d</sup> rate

No timber.

Monday March 16<sup>th</sup> 1874

General Description  
of Sp 17 N Tange 13 W.

This Sp contains a large quantity of good farming and grazing lands being covered with nutritious grasses. The Big Sandy runs through the eastern portion of the Sp in a

Between Tps 17 and 18 N Range 13 E

Gila and Salt River meridians

Ch<sup>s</sup> southerly direction. Aylee  
Rancho is in Sec 35.

There are several Springs  
of Water in the Tp.

The Timber consists of  
some Cottonwood on banks  
of Big Sandy and some  
cedars in south portion of  
Tp

C. B. Foster  
U. S. Dep Surveyor

# Field Notes

of the

## Exterior Boundaries

of

Township 18 North  
Range 13 West

Gila and Salt River meridian  
Territory of Arizona  
Surveyed by  
C. Burton Foster  
U. S. Dep Surveyor

Under his contract of 5 Aug 1873

Survey commenced 17<sup>th</sup> March 1874  
Survey completed 18<sup>th</sup> March 1874

Between ranges 13 and 14 N Sp 18 N

Gila and Salt River meridians

Chc From the cor to Sp 17 and  
18 N between ranges 13 and  
14 N.

I run

North between Sec  
31 and 36

To 15° 0' East as per  
Burt's improved Solar  
compass.

4000 Set a Granite Stone 22 x 8 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of earth and stone 2 feet high  
with pits 2 x 1 x 1 ft for  $\frac{1}{4}$   
Sec. cor. No trees near

5000 Big Wash 14 chc wide flows  
East.

8000 Set a Granite Stone 24 x 12 x 10  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a

Between ranges 13 and 14 N Sp 18.

Gila and Salt River meridian

Ch. mound of stone 3 feet high  
for the cor to Sect 25, 30, 31  
and 36. No trees near  
Land rolling grassy hills  
Soil 2<sup>d</sup> rate  
No timber

North between Sect 25 and 30

Wa 15° 0' east

4000 Set a Limestone 14 x 12 x 10 ins  
marked  $\frac{1}{4}$  S deposited marked  
stone 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.

4380 Wash 3 ch wide flow E.S.E.

8000 Set a Granite Stone 18 x 10 x 8  
ins properly notched  $\frac{2}{3}$  in  
the ground deposit marked  
stone and build mound of

between Rangees 13 and 14 N Sp 18 N

Gila and Salt River meridian

the earth  $2\frac{1}{2}$  feet high with pits  
 $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  for the cot to Secs  
 19, 24, 25 and 30. No trees near  
 Land rolling grassy hills  
 Soil 2<sup>o</sup> rate  
 No timber

North between Sec 19 and 24  
 Va  $15^{\circ}0'$  East

- 2250 Wash 4 che wide flows to.
- 4000 Set a Granite Stone  $18 \times 16 \times 6$  ins  
 marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
 and build a mound of stone  
 2 feet high for  $\frac{1}{4}$  Sec cot  
 No trees near.
- 8000 Set a Granite Stone  $20 \times 14 \times 10$  ins  
 properly notched  $\frac{3}{4}$  in the  
 ground and build a mound  
 of stone 3 feet high for the cot  
 to Secs 13, 18, 19 and 24 -

Between Ranges 13 and 14 N Sp 18 S

Gila and Salt River meridian

Ch No trees near  
 Sand rolling grassy hills  
 Soil 2<sup>d</sup> rate  
 No timber

North between Sec 13 and 18  
 T<sub>a</sub> 15<sup>00</sup> East

- 1900 Came Springs Wash 12 chains  
 wide flows east - a shallow  
 stream of water 50 links wide  
 flows through centre of Wash.
- 4000 Set a Granite Stone 16 x 12 x 6 ins  
 marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
 and build mound of stone  
 3 feet high for  $\frac{1}{4}$  Sec cor  
 No trees near.
- 8000 Set a Granite Stone 22 x 10 x 10  
 ins properly notched  $\frac{3}{4}$  in  
 the ground and build  
 mound of stone 3 feet high



Between Ranges 13 and 14 N Sp 18 N

Gila and Salt River meridian

Chk for the cor to Secs 7, 12, 13 and 18. No trees near

Land rolling grassy hills  
Soil 2<sup>d</sup> rate

No timber

North between Secs 7 and 12  
Va 15° east

2100 Wash 6 chs wide flows S.S. to

38.80 Wash 5 chs wide flows S.S. to

4000 Set a Granite Stone 18 x 12 x 10 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
deposited marked stone and  
build mound of earth 2 feet  
high with pits 2 x 1 x 1 ft for  
 $\frac{1}{4}$  sec cor. No trees near

6000 Wash 3 chs wide flows S.S.

8000 Set a Granite Stone 20 x 10 x 4  
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound

Between Tangles 13 and 14 W Sp 18.

Gila and Salt River meridian

Ch of stone 3 feet high for the cor  
to Secs 1, 6, 7 and 12 -

No trees near

Sand rolling grassy hills

Soil  $\text{D}^{\circ}$  rate

No timber

North between Secs 1 and 6  
To 1500' East

4000 Set a Granite Stone  $18 \times 10 \times 6$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build a mound  
of stone  $\text{D}^{\circ} \frac{1}{2}$  feet high for  
 $\frac{1}{4}$  Sec cor. No trees near

5200 Wash 1 ch wide flows S. by

8000 Set a Granite Stone  $24 \times 8 \times 8$   
ins properly notched  $\frac{3}{4}$  in  
the ground drive a stake  
 $4 \frac{1}{2}$  feet long 4 ins squared  
marked and notched 1 foot

Between Ranges 13 and 14 N Sp 18 N

Gila and Salt River meridian

Ch in the ground and build  
around it a mound of stone  
2½ feet high for the cor to  
Secs 1, 6, 31 and 36 and of  
Sp 18 and 19 N Ranges 13  
and 14 W - No trees near  
Land rolling grassy hills  
Soil 2<sup>o</sup> rate  
No timber

Between Sp 18 and 19 N Range 13 W

From the cor to Sp 18 and  
19 N Range 13 and 14 W

I run

East on random line  
between said Townships

Wa 15° 0' East as per  
Burt's improved solar compass.

Between Sp 18 and 19 N Range 13 N

Gila and Salt River meridians

Chc I set temporary half mile  
and mile posts at 4000  
and 8000 chains

I find the Sp line to  
be 5 miles 78 chains and  
75 links and the falling to  
be 50 links south of the  
Sp cot. the correction for  
the true line will therefore  
be 1 chain and 25 links  
West and 8 links North  
per mile -

From the cot to Sp 18 and  
19 North Range 12 and 13  
West

Draw

$S 89^{\circ} 57' N$  on true  
line between Sec 1 and 36  
Va  $15^{\circ} 0'$  East

Between Apr 18 and 19 N Range 13 N

Gila and Salt River meridian

The line runs along Summit of  
mountains -

17,50 Gulch flows S. E.

22,00 Gulch flows S. S. E.

4000 Set a Granite Stone  $18 \times 12 \times 6$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$  Sec  
cor. - No trees near -

5040 Deep rocky ravine flows S.

8000 Set a Granite Stone  $24 \times 12 \times 8$  ins  
properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
rocks 3 feet high for the cor to  
Sec 1. 2. 35 and 36. - No trees near  
Sand rough and mountainous  
soil decomposed Granite and  
mineral -

No timber -

March 17<sup>th</sup> 1874

Between Apr. 18 and 19 N range 13 N  
Gila and Salt River meridians

Chc S 89° 57' W on true line  
between Sec 2 and 35  
Ta 15° 0' East

9,500 Summit of high mountain  
and line continues down  
through foot hills

4000 Set a Granite Stone 15 x 12 x 6  
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build a mound  
of stone 2½ feet high for  $\frac{1}{4}$   
Sec cor. No trees near

8000 Set Granite Stone 18 x 12 x 10 ins  
properly notched  $\frac{2}{3}$  in the  
ground and build mound  
of stone 3 feet high for the  
cor to Sec 2, 3, 34 and 35  
No trees near.

Sand mountainous  
Soil decomposed Granite  
No timber.

Between Apr 18 and 19 N Range 13 W

Gila and Salt River meridian

Chs } S89°57' W on true line  
between Sec 3 and 34  
Va 15°0' East

1000 Deep Gutch flows W

4000 Set Granite Boulder 24x20x20  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of rocks 2 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near

7200 Leave foot hills

8000 Set a Granite Stone 16x10x10 ins  
properly notched  $\frac{2}{3}$  in the  
ground and build a mound  
of stone 3 feet high for the  
cor to Sec 3. 4. 33 and 34  
No trees near

Land rough and mountainous  
soil decomposed granite  
No timber.

Between Apr. 18 and 19. A Range 13 N.

Gila and Salt River meridians

- Ch<sup>s</sup>. S 89° 57' W on true line  
between Sect. 4 and 33.  
Ta 15° 0' East
- 750 Enter Wash of Big Sandy  
flows S. E.
- 850 Wagon road from Settlements
- 1700 Leave Wash bears S. E.
- 2100 Commence ascent of steep  
stony hill ranging S. E.  
and N. W.
- 3000 Summit of hill and commence  
gradual descent -
- 4000 Set a Granite Stone 24 x 12 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a  
mound of stone 2½ feet  
high for ¼ Sec. cor.  
No trees near.
- 6200 Foot of hill and enter  
land gently rolling.



Between Apr 18 and 19 N Range 13 N

Gila and Salt River meridian

che

71.25

Trail bears N and S.

8000

Set a post marked and notched

$4\frac{1}{2}$  feet long 3 ins squared 1

foot in the ground deposit

marked stone and build mound

of earth  $2\frac{1}{2}$  feet high with pits

$2 \times 1\frac{1}{2} \times 1\frac{1}{4}$  for the cor to Secs

4, 5, 32 and 33. No trees near

land & rough and hilly and

soil worthless

on West the land is gently

rolling and soil 1<sup>st</sup> rate

No timber

$S 89^{\circ} 57' N$  on true line  
between Secs 5 and 32

$\frac{1}{4}$  to  $15^{\circ} 0'$  East

4000

Set a Lime Stone  $14 \times 12 \times 10$  ins

marked  $\frac{1}{4}$  S  $2\frac{1}{2}$  in the ground

deposit marked stone and

Between Twp 18 and 19 N Range 13 W

Gila and Salt River meridian

8000 Chs 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

Set a Limestone 18x10x8 ins properly notched  $\frac{2}{3}$  in the ground deposit marked store and build a mound of earth  $2 \frac{1}{2}$  feet high with pits  $2 \times 1 \frac{1}{2} \times 1$  ft for the cor to Secs 5, 6, 31 and 32 - No trees near.

Land gently rolling, Soil 1<sup>st</sup> rate  
No timber -

$S 89^{\circ} 57' W$  on true line between Sec 6 and 31

$\frac{1}{4}$  a  $15^{\circ} 0'$  east

4000 Set a Granite Stone 14x10x6 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground deposit marked

Between Tps 18 and 19 N Range 13 W

Gila and Salt River meridian

the stone and build mound of  
earth 2 feet high with pits  
2 x 1 x 1 ft for  $\frac{1}{4}$  Sec cor  
No trees near

4300 Enter rolling hills

7675 The established cor to Tpe  
18 and 19 N Ranges 13 and  
14 W.

Sand rolling hills.

Soil 1<sup>st</sup> and 2<sup>d</sup> rate

No timber

General Description of  
Tpe 18 N Range 13 W.

The N. E. portion lies in  
the aquarian range of  
mountains and contains  
several mineral bearing ledges.

The balance of the Tpe  
contains a considerable

Between Tps 18 and 19 N. Ranges 13 & 14

Gila and Salt River meridian

quantity of excellent farming  
and grazing land. Trout  
Creek flows through the N.E.  
part of Tp in a S. W direction  
The Big Sandy flows through  
the centre of Tp in a South East  
direction until it joins  
Trout Creek when it bears S.  
Burch's rancho is about  $\frac{1}{2}$   
mile above junction of creeks.  
Timber consists of Cottonwoods  
on banks of creeks.

Le Burston Foster  
U. S. Dep Surveyor

# Field Notes

of the

## Exterior Boundaries

of

Township 19 North  
Range 13 West

Gila and Salt River Meridian  
Territory of Arizona  
Surveyed by  
C. Burton Foster  
U.S. Dep Surveyor

Under his Contract of 5 Aug 1873

Survey commenced 18<sup>th</sup> March 1874

Survey completed 19<sup>th</sup> March 1874

Between Tangles 13 and 14 N Sp 19 N  
Gila and Salt River meridian

Ch From the established cor to  
Sp 18 and 19 N between  
Tangles 13 and 14 West.

I run

North between Secs  
31 and 36.

4000 Set a Granite Stone  $14 \times 10 \times 8$  ins  
marked  $\frac{1}{4}$  S and build a  
mound of stone 2 feet high  
for  $\frac{1}{4}$  Sec cor. No trees near

8000 Set a Granite Stone  $30 \times 15 \times 8$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
rocks 3 feet high for the cor  
to Secs 25, 30, 31 and 36  
No trees near  
Sand rotting grassy hills  
Soil 2<sup>d</sup> rate. No timber.

Between Tangles 13 and 14 W Sp 19 N

Gila and Salt-tiver munduan

Ch North between Sec 25 and  
30.

$\frac{1}{4}$  a  $15^{\circ} 0'$  East

4000 Set a Granite Stone  $14 \times 8 \times 8$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near

8000 Set a post marked and  
notched  $4 \frac{1}{2}$  feet long 3 ins  
squared 1 foot in the ground  
deposit marked stone and  
build mound of earth  $2 \frac{1}{2}$   
feet high with pits  $2 \times 1 \times 1$  ft  
for the cor to Sec 19. 24.  
25 and 30. No trees near.  
Sand rolling grassy hills  
Soil 2<sup>d</sup> rate  
No timber

Between Tanges 13 and 14 W Sp 19 N

Gila and Salt River meridian

Ch North between Sec 19 and 24  
 Va 15° 0' East

4000 Set a Lime Stone  $16 \times 10 \times 4$  ins  
 marked  $\frac{1}{4}$  S.  $\frac{2}{3}$  in the ground  
 and build mound of stone  
 2 feet high for  $\frac{1}{4}$  Sec cor  
 No trees near.

7000 Wash 5 ch wide flows to.

8000 Set a Lime Stone  $22 \times 10 \times 8$  ins  
 properly notched  $\frac{3}{4}$  in the  
 ground and build a mound  
 of stone 3 feet high for the cor  
 to Sec 13. 18. 19 and 24  
 No trees near.

Sand rolling grassy hills  
 Soil  $\frac{2}{3}$  red

No timber.



Between Ranges 13 and 14 N T<sub>19</sub>S

Gila and Salt River meridian

Ch North between Secs 13 and 18  
Ta 15° 0' East

4000 Set a White quartz rock 14 x 10  
x 6 in marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground deposit marked stone  
and build mound of earth  
2 feet high with pits 2 x 1 x 1  
ft for  $\frac{1}{4}$  Sec cot  
no trees near.

8000 Set a Limestone 15 x 10 x 8 in  
properly notched  $\frac{2}{3}$  in the  
ground deposit marked  
stone and build mound of  
earth 2  $\frac{1}{2}$  feet high with  
pits 2 x 1  $\frac{1}{2}$  x 1 ft for the cot  
to Secs 7, 12, 13 and 18  
No trees near.

Sand gently rolling  
Soil 1<sup>st</sup> and 2<sup>d</sup> rate  
No timber.

Between Tangles 13 and 14 W Sp 191

Gila and Salt River meridian

chr North between Sec 7 and 12  
T<sub>a</sub> 15° 0' East

15,00 Wash 8 chr wide flows east  
4,000 Set a post marked  $\frac{1}{4}$ S 4 feet  
long flattened 3 ins wide  
1 foot in the ground deposit  
marked stone and build  
mound of earth 2 feet high  
with pits  $2 \times 1 \times 1 \frac{1}{2}$  for  $\frac{1}{4}$  Sec  
cor - No trees near.

8,000 Set a Lime Stone  $22 \times 10 \times 8$  ins  
properly notched  $\frac{3}{4}$  in the  
ground deposit marked stone  
and build mound of earth  
 $2 \frac{1}{2}$  feet high with pits  $2 \times 1 \frac{1}{2} \times 1 \frac{1}{2}$   
for the cor to Sec 1, 6, 7 and 12  
No trees near.

Sand gently rolling grassy  
hills. Soil 1<sup>st</sup> and 3<sup>rd</sup> rate

No timber. March 18<sup>th</sup> 1874

Between Ranges 13 and 14 N Sp 19 N

Gila and Salt River meridian

Chs North between Sec 1 and 6  
T<sub>14</sub> 15° 0' East

4,000 Set a granite stone 15 x 10 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec. cor. No trees near.

4,120 Wash 1 ch wide flows S. R.

4,750 Wash 8 ch wide flows S. R.

8,000 Set a granite stone 20 x 8 x 8  
ins properly notched  $\frac{3}{4}$  in  
the ground drive a stake  
marked and notched 4  $\frac{1}{2}$   
feet long 4 ins squared  
one foot in the ground and  
build around it a mound  
of stone 2  $\frac{1}{2}$  feet high for  
the cor to Secs 1, 6, 31 and  
36. and of Sp 19 and 20  
N Ranges 13 and 14 N

Between Ranges 13 and 14 N Sp 19 N

Gila and Salt River meridian

Chs No trees near.

Land gently rolling grassy hills.

Soil 2<sup>d</sup> rate

No timber.

Between Sp 19 and 20 N Range 13 N

From the cor to Sp 19 and 20  
N Ranges 13 and 14 N

I run

East on a random line  
between said Sp

To 15° 03' East as per  
Burt's improved Solar Compass

I set temporary  $\frac{1}{2}$   
mile and mile posts at 4000  
and 8000 chains.

I find the Sp line

Between Tpe 19 and 20 N Range 13 N

Gila and Salt River meridian

Chc to be 5 miles 78 chains and  
50 links and the falling to  
be at the Township corner  
the correction for the true  
line will therefore be  
1 chain and 50 links per mile

From the cor to Tpe 19 and  
20 N Range 12 and 13 N  
I run

West on true line  
between Sec 1 and 36  
Ta 15° 03' East

Line runs along side of  
rolling hills.

4000 Set a Granite Stone 16 x 10 x 8 ins  
marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
and build mound of stones  
2 feet high for  $\frac{1}{4}$  Sec cor

Between Tps 19 and 20 Range 13 N

Gila and Salt River meridian

Ch. No trees near

8000 Set a Granite Stone  $24 \times 15 \times 10$   
ins properly notched  $\frac{3}{4}$  in  
the ground and build mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Sec 1, 2, 35 and 36

No trees near

Land rolling hills

Soil  $2^{\circ}$  rate

No timber

West on true line between  
Sec 2 and 35

$\frac{1}{4}$  a 15' 03' east

4000 Set a Granite Stone  $18 \times 9 \times 8$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build a mound of stone  
 $2$  feet high for  $\frac{1}{4}$  Sec cor

No trees near

8000 Set a Limestone Stone  $20 \times 18 \times 12$  ins

Between Apr 19 and 20 N Tange 134

Gila and Salt River meridian

Che properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Secs 2, 3, 34 and 35  
No trees near  
Sand rolling hills  
Soil 2<sup>d</sup> rate  
No timber

West on true line  
between Sec 3 and 34

To  $15^{\circ}03'$  east

- 3,00 Left rolling hills  
9,00 Wash 50 links wide flows N.W.  
22,50 Enter Big Sandy Wash  
flowing S.W.  
29,75 Leave Wash flowing S.W.  
40,00 Set a sandstone  $14 \times 10 \times 5$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the

Between Twp 19 and 20 N Range 13 W

Gila and Salt River meridian

The ground and build mound  
of stone 2 feet high for 1/4 sec  
cor - No trees near

75,00 Wagon Road from Lower  
Settlements bears N.W. and S.E.  
and enter gently rolling hills

80,00 Set a Granite Stone 18 x 8 x 6 in  
properly notched 2/3 in the  
ground deposit marked stone  
and build mound of earth  
2 1/2 feet high with pits 2 x 1 1/2 x 1  
ft. for the cor to Sec 4, 33  
and 34 - No trees near  
Land gently rolling -  
Soil 1<sup>st</sup> and 2<sup>d</sup> rate  
No timber.

West on true line  
between Sec 4 and 33  
1/4 to 15° 03' East



Between Apr 19 and 20 N Range 13 W

Gila and Salt River meridian

che  
4000 Set a post marked  $\frac{1}{4}$  S 4 feet long flattened 3 ins wide 1 foot in the ground deposit marked stone and build mound of earth 2 feet high with pits  $2 \times 1 \times 1$  ft for  $\frac{1}{4}$  Sec cor. No trees near

8000 Set a post marked and notched 4 feet long 3 inches squared 1 foot in the ground deposit marked stone and build mound of earth 2 feet high with pits  $2 \times 1\frac{1}{2} \times 1$  ft for the cor to Sec 4.5.32 and 33. No trees near Sand gently rolling Soil 1st and 2<sup>nd</sup> rate No timber.

Between Apr 19 and 20 Range 13 N

Gila and Salt River meridian

che West on true line between  
Sec 5 and 32.

Ca 15° 05' east

39,70 arroyo 20 links wide flo. S. to

4000 Set a post marked  $\frac{1}{4}$  S 4 feet  
long flattened 3 in wide foot in  
the ground deposit marked  
stone and build mound of  
earth 2 feet high <sup>with pits 2 x 1 x 1 ft</sup> for  $\frac{1}{4}$  sec.  
cor. No trees near.

8000 Set a Granite Stone 20 x 8 x 6  
ins properly notched  $\frac{3}{4}$  in the  
ground and deposit marked  
stone and build mound of  
earth 2  $\frac{1}{2}$  feet high with pits  
2 x 1  $\frac{1}{2}$  x 1 ft for the cor to Sec  
5, 6, 31 and 32. No trees near.  
Land gently rolling -  
Soil 2<sup>d</sup> rate  
No timber.

Between Townships 19 and 20 Range 13 N

Gila and Salt River meridian

Chc West on true line between  
Secs 6 and 31

Wa 15° 03' East

4,000 Set a Lime Stone 16 x 10 x 10 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of earth 2 feet high with  
pits 2 x 1 x 1  $\frac{1}{2}$  for  $\frac{1}{4}$  sec cor  
No trees near.

7,850 The established cor to Sp.  
19 and 20 N range 13 and  
14 N

Sand rolling hills  
Soil 2<sup>d</sup> rate

No timber

March 19<sup>th</sup> 1874

Between Tps 19 and 20 N Range 13 W

Gila and Salt River meridian

General Description  
of T<sup>p</sup> 19 N Range 13 W

The east portion of this T<sup>p</sup> lies in the mountains and foot hills of the Aquarius Range. The Big Sandy Wash flows along the bottom of the foot hills in a S. E. direction. The centre and West portion of T<sup>p</sup> contains a large quantity of farming and grazing lands - grasses common to the country are abundant. There is scarcely any timber in the T<sup>p</sup>.

Chas. Burton Foster  
U. S. Dep Surveyor

Field Notes

of the

Interior Boundary

of

Township 20 North  
Range 13 West

Gila and Salt River meridian  
Territory of Arizona  
Surveyed by

C. Burton Foster  
U.S. Dep Surveyor

Under his Contract of 5 Aug 1873

Survey commenced 20<sup>th</sup> March 1874

Survey completed 20<sup>th</sup> March 1874

Between ranges 13 and 14 N Sp 20 N

Gila and Salt River mound

From the established cor to  
Sp 19 and 20 N between  
ranges 13 and 14 N

I run

North between Secs  
31 and 36

4000 Va 15° East as per  
Burt's improved Solar compass  
Set a Granite Stone 20 x 10 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near.

8000 Set a Granite Stone 20 x 18 x 8  
ins properly notched  $\frac{3}{4}$  in the  
ground and build mound  
of stone 2  $\frac{1}{2}$  feet high for  
the cor to Secs 25, 30, 31 and 36  
No trees near.

Sand rolling hills.

Between Tanges 13 and 14 N Sp 20 N  
Gila and Salt River meridian

the soil 2<sup>d</sup> rate  
No timber

North between Secs 25 and 30  
Ta 15° 0' East

4000 Set a Sand Stone 14 x 10 x 6  
in marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the  
ground deposit marked stone  
and build mound of earth  
2 feet high with pits 2 x 1 + 1  
ft for  $\frac{1}{4}$  Sec cor.  
No trees near.

7000 Wash 4 the wide flows Sr.

7750 Road bears N. W and S. E

8000 Set a post marked and  
notched 4 feet long 3 inches  
squared 1 foot in the ground  
deposit marked stone and  
build mound of earth 2 feet  
high with pits 2 x 1  $\frac{1}{2}$  x 1 ft

Between Tangles 13 and 14  $11^{\circ} 20' N$   
 Gila and Salt River meridian

Chs for the cor to Secs 19, 24, 25  
 and 30. No trees near  
 Land gently rolling  
 Soil 1<sup>st</sup> and 2<sup>d</sup> rate  
 No timber.

North between Secs 19 and 24  
 $74^{\circ} 15' 0''$  East

4000 Set a post marked  $1/4 S$  4 feet  
 long flattened 3 ins wide 1  
 foot in the ground deposit  
 marked stone and build  
 mound of earth 2 feet high with pits  
 $2 \times 1 \times 1$  ft for  $1/4$  Sec cor. No trees near

8000 Set a post marked and notched  
 4 feet long 3 ins squared 1 foot  
 in the ground deposit marked  
 stone and build mound of



Between Tanglee 13 and 14 W Sp 20 N

Gila and Salt River Meridian

The earth 2 feet high with pits  
 $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$  for the cor to Secs  
 13. 18. 19 and 24 - No trees  
 near.

Sand gently rolling  
 Soil 2% rate

Timber some scattering  
 Cedars along line.

North between Secs 13 and 18  
 Va 1500' East

4000 Set a post marked  $\frac{1}{4}$  S 4 feet  
 long flattened 3 ins wide  
 1 foot in the ground and  
 deposit marked Stone and  
 build mound of earth 2 feet  
 high with pits  $2 \times 1 \times 1\frac{1}{2}$  for  
 $\frac{1}{4}$  Sec cor. No trees near

8000 Set a Granite Stone  $22 \times 8 \times 8$   
 ins properly notched  $\frac{3}{4}$  in

Between Tangles 13 and 14 N Sp. 20 N

Gila and Salt River meridian

Chc the ground deposit marked  
stone and build mound of  
earth 2½ feet high with pits  
2 × 1½ × 1 ft for the cor to Secs  
7, 12, 13 and 18. No trees near  
land gently rolling -  
Soil 2<sup>o</sup> rate  
No timber.

North between Sec 7 and 12  
Ta 15 00 East

4000 Set a Linn Stone 16 × 8 × 6 ins  
marked  $\frac{1}{4}$  S  <sup>$\frac{2}{3}$  in the ground</sup> deposited marked  
stone and build mound of earth  
2 feet high with pits 2 × 1 × 1 ft  
for  $\frac{1}{4}$  Sec. cor. No trees near

8000 Set a Linn Stone 18 × 8 × 8 ins  
properly notched  $\frac{2}{3}$  in the  
ground deposit marked stone

116

Between Tangles 13 and 14 N Sp 20 N

Gila and Salt River meridian

ch and build mound of earth  
 2½ feet high with pits 2 x 1½ x 1  
 ft for the cor to Sec 1. 6  
 31 and 36. from which  
 a cedar 10 in dia bears No 865 the  
 No others near  
 Land gently rolling  
 Soil 2<sup>d</sup> rate  
 Timber some few cedars  
 along N portion of line

North between Sec 1 and 6  
 Va 15° 0' East

4000 Set a post marked ¼ S 4 feet  
 long flattened 3 ins wide  
 1 foot in the ground deposit  
 marked stone and build  
 mound of earth 2 feet high  
 with pits 2 x 1 x 1 ft for ¼  
 sec cor from which

Between Tanges 13 and 14 N Sp 20 N

Gila and Salt River meridian

Chc a Cedar 15 in dia bears S45W 25 the  
 \$000 Intersected the 5<sup>th</sup> Standard  
 Parallel 26.40 chc east of the  
 Standard cor to Sp 21 N.

Tanges 13 and 14 N and  
 establish the closing corner  
 to Sec 1. b. Sp 20 N Tanges  
 13 and 14 N by setting a  
 post marked and notched 4 $\frac{1}{2}$   
 feet long 4 in square 1 foot  
 in the ground deposit marked  
 stone and build mound of  
 earth 2 feet high with pits  
 2 x 1 $\frac{1}{2}$  x 1 ft No trees near  
 Land gently rolling  
 Soil 2<sup>d</sup> rate

Timber a few scattering  
 cedar along line

March 20<sup>th</sup> 1874

Between ranges 13 and 14 T<sub>20</sub> N

Gila and Salt River meridians

General Description of  
T<sub>20</sub> N Range 13 West

There is a small quantity  
of farming land in the  
centre of T<sub>20</sub> the balance  
containing good grazing  
land being covered with  
nutricious grasses. The Big  
Sandy Wash runs through the  
T<sub>20</sub> in a S.S.E. direction - there  
is some cedar in N.W. portion.

Ruston Foster  
U.S. Dep Surveyor

# Field Notes

of the

## Interior Boundaries

~~of~~

Township 17 North  
Range 14 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> Aug 1873

Survey commenced 21<sup>st</sup> March 1874

Survey completed 23<sup>rd</sup> March 1874

Between Ranges 14 and 15  $17^{\circ}$  N

Gila and Salt River meridian

Chc From the established cor to  
 $17^{\circ}$  N between Ranges 14  
 and 15 West

I run

North between Secs  
 31 and 36.

To  $15^{\circ} 0'$  East as per  
 Burts improved Solar Compass  
 Line runs along over tops of  
 low mountains.

2500 Gulch flows N.N.W.

2600 Trail bears N.N.W. and S.S.E.

4000 Set a Limestone 16 x 10 x 8 ins  
 marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
 and build a mound of stone  
 2 feet high for  $\frac{1}{4}$  Sec cor  
 No trees near.

8000 Set Granite Boulder of Triangular  
 shape 24 x 24 x 6 ins properly  
 notched  $\frac{3}{4}$  in the ground and

Between ranges 14 and 15 N Sp 17 N

Gila and Salt River meadows

Chs build a mound of stone 3 feet high for the cot to see 25. 30. 31 and 36

No trees near

Sand rough Mountainous

Soil mineral

No timber.

North between Secs 25 and 30

Ca 15° 0' East

- 1,75 rocky precipitous gulch flo. N N
- 2,00 Begin descent into canon
- 14,00 Deluge canon, rocky bottom with swift current of water flowing N.E. and commenced gradual ascent of mountain
- 26,70 Trail to Congress mine bears E and N
- 34,10 Gulch bears East
- 40,00 Set a Granite Stone 16 x 10 x 8 ins



Between Tangles 14 and 15 W Sp 17 N

Gila and Salt River meridian

Chc marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

8000 Set a Granite Stone  $24 \times 8 \times 6$  in  
properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
rocks  $2\frac{1}{2}$  feet high for the  
cor to Secs 19, 24, 25 and 30  
No trees near

Sand rough and mountainous  
Soil mineral

No timber.

North between Sec 19 and 24  
Va  $15^{\circ} 0'$  East

4,00 Gulch flows east

11,00 Gulch flows S. &

22,00 Summit of mountain and  
lowe continues along Summit.

Between Targes 14 and 15 N Sp 17 N

Gila and Salt River meridian

Che

4000 Set a Granite Stone  $24 \times 18 \times 18$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near.

4040 Gulch flows S. E.

8000 Set a Granite Stone  $36 \times 14 \times 10$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high for the cor  
to Secs 13, 18, 19 and 24 -  
No trees near

Land rough and mountainous  
Soil mineral

No timber.

North between Secs 13 and 18  
 $\frac{1}{2}$  a 15° East

1000 Commenced descent from

Between Ranges 14 and 15 N Sp 17 N

Gila and Salt river meridian

the Mountains -

4000 marked a Granite Boulder  
 $\frac{1}{4}$  S projecting 3 feet above the  
 ground  $4 \times 4$  ft and build a  
 mound of rock  $2 \frac{1}{2}$  feet high  
 on top for  $\frac{1}{4}$  sec cor.

No trees near.

5050 Foot of mountain and Crow  
 Canon Wash 25 cre wide with  
 gentle shallow stream of water  
 flowing E. N. E.

7250 Trail to Bob Grooms Camp  
 bears N. E. and W.

8000 Set a Granite Stone  $20 \times 10 \times 8$  ins  
 properly notched  $\frac{3}{4}$  in the  
 ground and build mound of  
 stone 3 feet high for the cor to  
 Secs 7, 12, 13 and 18.

No trees near

Land broken and mountainous

Between Tangles 14 and 15 N Sp 17 N  
Gila and Salt River meridian

Chs. Soil mineral

No timber.

March 21, 1874

North between Sec 7 and 12

Wa 15° 0' East

Line runs along East side  
of high mountain

4000 Set a Granite Stone 20 x 12 x 6 ins  
marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the ground  
and build mound of stone  
3 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

8000 Set a Granite Stone 30 x 15 x 10  
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high for the  
cor to Sec 1. b. 7 and 12  
No trees near.

Sand rough and mountainous  
Soil mineral. No timber

Between Ranges 14 and 15 N Sp 17 S

Gila and Salt River meridian

Ch North between Sec 1 and 6  
T<sub>1</sub> 15° 0' East

1,000 Gulch flows S. S. E and begins  
ascent of rocky mountain  
ranging E and W

16,000 Summit and commence  
descent

28,500 Gulch flows E and here runs  
along E side of mountain

4,000 Set a Granite Stone 14 x 12 x 10 ins  
marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
and build a mound of stone  
2½ feet high for  $\frac{1}{4}$  Sec cor  
No trees near.

8,000 Set a Granite Stone 20 x 8 x 8 ins  
properly notched  $\frac{3}{4}$  in the  
ground Set a post marked  
and notched 4½ feet long 4  
ins squared 1 foot in the  
ground and build mound

Between Tanges 14 and 15 N Sp 17 N  
Gila and Salt River meridian

Chs of stone  $2\frac{1}{2}$  feet high for the  
cot to Secs 1, 6, 31 and 36  
Sp 17 and 18 N Tanges 14  
and 15 N

No trees near  
Sand rough and mountainous  
Soil mineral

No timber.

Between Sp 17 and 18 N Tange 14 N

From the cot to Sp 17 and  
18 N Tanges 14 and 15 N

Run

East on random line  
between said Sp

To  $15^{\circ} 0'$  east as  
per Burts improved solar  
compass

Between Apr 17 and 18 N range 14 1/2

Gila and Salt River meridian

che I set temporary 1/2 mile  
and mile posts at 4000 and  
8000 chains.

I find the  $\frac{1}{2}$  mile to be  
5 miles 78 che and 60 links  
and the falling to be 50 links  
south of the  $\frac{1}{2}$  mile cor. the  
correction for the true line  
will therefore be 1 chain and  
40 links West and 8 links  
North per mile.

From the cor to Apr 17 and  
18 N ranges 13 and 14 1/2

I run

S.  $89^{\circ} 57' 11''$  on true  
line between Sec 1 and 36

To  $15^{\circ} 0'$  east

4000 Set a Granite Stone  $15 \times 8 \times 8$   
ins marked  $\frac{1}{4}$  S  $\frac{1}{2}$  in the

Between Apr 17 and 18 N Range 14 N

Gila and Salt River meridian

che ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$  Sec  
cor - No trees near

8000 Set a Linn Stone  $18 \times 10 \times 8$  ins  
properly notched  $\frac{2}{3}$  in the  
ground and build mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Secs 1, 2, 35 and 36  
No trees near

Sand rolling hills  
Soil 2<sup>o</sup> rate  
No timber

S.  $89^{\circ} 57' N$  on true line  
between Secs 2 and 35

Va  $15^{\circ} 0'$  East

4000 Set a Granite Stone  $24 \times 18 \times 10$   
ins marked  $\frac{7}{8} S \frac{3}{4}$  in the  
ground and build mound  
of stone  $2\frac{1}{2}$  feet high for  $\frac{1}{4}$



Between Tps 17 and 18 Range 14 N

Gilda and Salt River meridian

the Sec cor. No trees near.

8000 Set a Granite Stone  $16 \times 12 \times 10$   
ins properly notched  $\frac{2}{3}$  in the  
ground and build mound of  
stone 3 feet high for the cor to  
Secs 2, 3, 34 and 35.

No trees near.

Sand rolling hills

Soil 1<sup>st</sup> rate

No timber.

$S 89^{\circ} 57' N$  on true line  
between Secs 3 and 34

$\nabla$   $15^{\circ} 0'$  east

4000 Set a Granite Stone  $24 \times 20 \times 8$   
ins marked  $\frac{7}{8} S \frac{3}{4}$  in the  
ground and build mound  
of stone  $2 \frac{1}{2}$  feet high for  
 $\frac{1}{4}$  Sec cor. No trees near

8000 Set a Granite Stone  $24 \times 15 \times 8$

Between Twp 17 and 18 N Range 14 W

Gila and Salt River meridian

Chc one properly notched  $\frac{3}{4}$  in the  
ground and built mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Sec 3. 4. 33 and 34

No trees near

Sand rolling hills

Soil 2 Crats

No timber.

S.  $89^{\circ}57'$  W on true line  
between Sec 4 and 33

Ta  $15^{\circ}0'$  East

2,100 Gulch flows N. E. leave  
rolling hills and commence  
ascent to Hualpai mountains

4,000 Set a Granite Stone  $15 \times 12 \times 5$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound of  
stone 2 feet high for  $\frac{1}{4}$  Sec  
cor - No trees near.

Between Tps 17 and 18 N Range 14 W

Gold and Salt-tiver meridian

- Chs  
42,50 Trail bears N W and S E  
53,90 Trail from Gunsight mine to  
Hardyville Road bears N E S E  
8,000 Set a Limestone 20 x 10 x 4 ins  
properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
stone  $2\frac{1}{2}$  feet high for the cor  
to Sec 4, 5, 32 and 33  
No trees near.  
Land mountainous  
Soil mineral  
No timber.

S  $89^{\circ} 57' W$  on true line  
between Sec 5 and 32

$\gamma a 15^{\circ} 0'$  East

- Line continues to ascend  
4,000 Set Granite Stone 20 x 15 x 6 ins  
marked  $\frac{1}{4} S \frac{3}{4}$  in the  
ground and build mound of

Between Sp 17 and 18 N Range 14 N

Gila and Salt River meadow

Chc stone 2 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near.

8000 Set blue lime stone  $24 \times 10 \times 8$   
ins properly notched  $\frac{3}{4}$  in  
the ground and build mound  
of stone 2  $\frac{1}{2}$  feet high for the  
cor to Sec 5, 6, 31 and 32

No trees near

Land mountainous.

Soil 2<sup>o</sup> rate

No timber.

$S 89^{\circ} 57' N$  on true line  
between Sec 6 and 31

$W a 15^{\circ} 0'$  East

4000 Set a Granite Stone  $18 \times 10 \times 10$   
ins marked  $\frac{7}{8} S^{\circ} \frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near.

Between Sp 17 and 18 N range 14 N

Gila and Salt River meridians

- che  
 47.00 Loni crosses Summit of  
 mountain 1 ch south of rocky  
 Butte.
- 59.00 Gutch flows S. S. E
- 61.00 Trail from Cedar Valley to  
 Hardyville road bears N  
 and S. S. E.
- 78.60 The established cor to Sp 17 and  
 18 N range 14 and 15 N  
 Sand rough and mountainous  
 Soil mineral  
 No timber.

Monday March 23<sup>d</sup> 1874

General Description  
 of Sp 17 N range 14 N

This Sp lies almost  
 wholly in the foot hills  
 and mountains of the  
 Hualpai range - there is

Between Tpe 17 and 18 N Range 14 N

Gila and Salt River meridian

some excellent grazing land  
in the N. E and S portions  
which with the foot hills  
are covered with good grasses.

The mountains contain  
numerous ledges of Gold  
Silver Iron and Copper  
on some of which considerable  
work has been done. The  
Cedar mining District  
embraces a considerable  
portion of the Tpe. Timber  
is scarce. Undergrowth oak  
brush and manzanita.

L. Burton Foster  
U. S. Dep Surveyor

# Field Notes

of the

## Interior Boundaries

of

Township 18 North  
Range 14 West

Gila and Salt River meridian  
Territory of Arizona  
Surveyed by  
C. Burton Foster  
U.S. Dep Surveyor

Under his contract of 5 Aug 1873

Survey commenced 24<sup>th</sup> March 1874

Survey completed 25<sup>th</sup> March 1874

Between ranges 14 and 15 W Sp 18 N  
Gila and Salt River meridian

che From the established cor to  
Sp 17 and 18 N ranges 14  
and 15 W.

I run

North on range line  
between Sec 31 and 36

at  $15^{\circ}03'$  East as per  
Burt's improved Solar  
Compass.

Commence ascent of mountain  
bearing band W from cor

9,00 Summit and commence  
gradual descent.

4,000 Set a Granite Stone  $14 \times 10 \times 8$   
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near

6,000 Set a Granite Stone  $20 \times 15$   
 $\times 12$  ins properly notched



Between ranges 14 and 15 N Sp 18 A

Cyba and Salt River meridian

Ch<sup>e</sup> 3/4 in the ground and  
build a mound of stone  
3 feet high for the cor to  
Sec 25, 30, 31 and 36.

No trees near.

Land rough and mountainous  
Soil mineral

No timber.

North between Sec 25 and 30

Ta 15° 03' East

4000 Set a Granite Stone 20 x 14 x 8  
ins marked  $\frac{1}{4}$  S 3/4 in the  
ground and build a mound  
of stone 3 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near.

3500 Line runs  $\frac{1}{4}$  ch<sup>e</sup> West of  
Large ledge.

4050 Trail from Cedar Valley  
to Hardyville road bears

Between Tangles 14 and 15 N Sp 18 N  
Gila and Salt River meridian

Chc N. N. W. and S. S. E.

5700 Gulch flows N. E. and foot  
of mountain and begin  
ascent of mountain

7300 Summit and trail bearing  
N. N. E. and S. S. W.

8000 Set a granite stone  $20 \times 15 \times 12$   
ins properly notched  $\frac{3}{4}$  in  
the ground and build a  
mound of rock 3 feet high  
for the cor to Sec 19. 24. 25  
and 30 - from which  
a scrub oak *bin dia* bears  $S. 40^{\circ} E$   
30 links - No others near  
Sand mountains  
Soil mineral  
No timber.

Between ranges 14 and 15 N Sp 18 S

Gila and Salt River meridian

Ch<sup>2</sup> North between Sec 19 and 24  
T<sup>4</sup> 15° 03' East

Line continues down the  
mountain

- 18,90 Trail bears N.W. and S.E.  
 30,00 main trail bears N.W. and S.E.  
 31,20 main trail bears N.E. and S.W.  
 32,10 main trail bears N.W. and S.E.  
 35,00 mine with Drift and shaft  
 39,00 Line passes West of crossing  
12 feet high.  
 40,00 marked  $\frac{1}{4}$  S on a large Granite  
Boulder 3 x 4 x 3 ft and  
build a mound of stone 2  
feet high on top of boulder  
for  $\frac{1}{4}$  Sec cor. from which  
a Palos Verde b me dia bears  
S 5° E 12 links - no others near  
 52,00 Foot of mountain and  
gully flows East —

Transcribed

Between Tanges 14 and 15<sup>th</sup> Sp 18 N

Gila and Salt river meridian

6350 Gulch with rapid stream of water  
100 yds wide flowing east and  
begin ascent of rocky bank almost  
perpendicular

6900 Summit and line continues  
along over low hills -

8200 Set a granite stone 24 x 20 x 6 in  
properly notched 3/4 in the ground  
and build mound of stones 3 feet  
high for the cor to see 13. 18. 19  
and 24 - No trees near  
Land broken and mountainous  
Soil mineral  
Lumber some cedar on South  
end of line

North between Sec 13 and 18  
Ta 15'03' east

2050 Trail bears N.W. and S. E

2450 Gulch bears E and commence

Between ranges 14 and 15 W Sp 18

Gila and Salt River meridian

- Ch ascent of rocky mountain  
 3350 Summit -  
 4000 Set a Granite Stone  $10 \times 10 \times 6$   
 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
 ground and build mound  
 of stone 2 feet high for  $\frac{1}{4}$   
 Sec cor - No trees near  
 6000 Gulch bears N. E.  
 7450 Gulch bears S. E.  
 8000 Set a Granite Stone  $36 \times 24 \times 6$   
 ins properly notched  $\frac{3}{4}$  in  
 the ground and build a  
 mound of stone  $2\frac{1}{2}$  feet  
 high for the cor to Sec  
 12, 13 and 18 from which  
 a Granite Boulder  $12 \times 12 \times 10$   
 feet marked + bears S 45° E  
 10 links - No trees near  
 Sand, rough and mountainous  
 Soil mineral

Between ranges 14 and 15 N Sp 18 N

Gila and Salt River meridian

No timber.

North between Sec 7 and 12  
Ta 15° 03' East

- 1600 Begin descent of mountain  
4300 Set Granite Stone 20x12x10 ins  
marked  $\frac{1}{4}$  S  $\frac{3}{4}$  mi the ground  
and build mound of Stone 2  $\frac{1}{2}$   
feet high for  $\frac{1}{4}$  Sec cor  
No trees near.
- 4400 Foot of mountain - Wash with  
current of Water 15 links wide  
flowing east through Canon
- 4600 Commence ascent of rocky  
hill over ridge bearing N  
and S.
- 7500 Summit and line continues  
along Summit.
- 8000 Set a Granite Stone 20x12x8

Between Tanges 14 and 15 N Sp 18.

Gila and Salt River meridia

Ch~~e~~ are properly notched  $\frac{3}{4}$  in the ground and build mound of rocks  $2\frac{1}{2}$  feet high for the cor to Secs 1. 6. 7 and 12.

No trees near

Land rough and mountainous  
Soil mineral

No timber.

North between Secs 1 and 6  
N  $15^{\circ}05'$  East

4000 Set a red quartz rock  $15 \times 8 \times 8$  ins marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground and build mound of stone 2 feet high for  $\frac{1}{4}$  Sec cor. No trees near

7440 rocky winding gulch with general course bearing  $\frac{1}{2}$

8000 Set a Granite Stone  $30 \times 20 \times 6$  ins properly notched  $\frac{3}{4}$  in

Between Tangles 14 and 15 W Sp 18 N

Gila and Salt River meridian

On the ground set a post marked  
and notched  $4\frac{1}{2}$  feet long 4  
in squared one foot in the  
ground and build around  
it a mound of rocks 2 $\frac{1}{2}$  feet  
high for the cor to see 1. to  
31 and 3h Sp 18 and 19 N  
Tangles 14 and 15 W.

No trees near

Land mountainous

Soil mineral

No timber

Between Sp 18 and 19 Range 14 W

From the cor to Sp 18 and  
19 N Tangles 14 and 15 W

I run

east on random line



Between Apr 18 and 19 N Range 14

Gila and Salt River meridians

ch between said Townships  
 To  $15^{\circ}05'$  East as per  
 Burts improved Solar  
 compass.

I set temporary  $\frac{1}{2}$   
 mile and mile posts at  
 4000 and 8000 chains

I find the Sp line  
 to be 5 miles and 79 ch  
 and the falling to be at  
 the Sp cor. The correction  
 for the true line will  
 therefore be 1 ch West per  
 mile.

From the cor to Apr 18  
 and 19 N Ranges 13 and 14  
 N.

I run  
 West on true line

Between Tps 18 and 19 N Range 14 W

Gula and Salt River meridian

Che between Sec 1 and 36

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

4000 Set Granite Stone  $16 \times 8 \times 6$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cot  
No trees near.

8000 Set a Granite Stone  $15 \times 8 \times 6$  ins  
properly notched  $\frac{2}{3}$  in the ground  
and build mound of rocks 3 feet  
high for the cot to Sec 1, 2, 35  
and 36. No trees near

Land rolling grassy hills  
Soil 2% rate

No timber

March 24<sup>th</sup> 1874

West on true line between  
Sec 2 and 35

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

4000 Set a Granite Stone  $18 \times 12 \times 10$

Between Sep 18 and 19 N T range 14

Gila and Salt River mounds

Chs are marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build mound of rocks 2 feet high for  $\frac{1}{4}$  Sec cor. No trees near

8000 Set a Granite Stone  $24 \times 15 \times 10$  ins properly notched  $\frac{3}{4}$  in the ground and build mound of stone  $2\frac{1}{2}$  feet high for the cor to Sec 2, 3, 34 and 35 No trees near.

Sand rolling grassy hills  
Soil 2<sup>d</sup> rate  
No timber.

West on true line between  
Sec 3 and 34

$\nabla$  a  $15^{\circ}05'$  East

4000 Set a Granite Stone  $15 \times 10 \times 6$  ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build mound

Between Tps 18 and 19 N Range 14 W

Gila and Salt river meridian

Plt of stone 3 feet high for  $\frac{1}{4}$  Sec  
cot. No trees near

3000 Set a Granite Stone  $36 \times 10 \times 10$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
stone 3 feet high for the cot to  
Secs 3, 4, 33 and 34. No trees  
near.

Sand rolling grassy hills  
Soil 2<sup>nd</sup> rate  
No timber.

West on true line between  
Secs 4 and 33.

To  $15^{\circ} 0.5'$  east.

4000 Set a Granite Stone  $15 \times 12 \times 10$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone 2  
feet high for  $\frac{1}{4}$  Sec cot  
No trees near.

Between Apr 18 and 19 N. Range 14

Gila and Salt River mountains

Chs  
5000

Set a Granite Stone 16 x 12 x 4  
ins properly notched  $\frac{2}{3}$  in the  
ground and build a mound  
of stone  $2\frac{1}{2}$  feet high for the  
cor to Sec 4, 5, 32 and 33  
from which  
a Palos Verde 4 mi dia bears  $S45^{\circ}W$   
10 links.

No others near  
Sand rolling hills  
Soil 2<sup>d</sup> rate  
No timber

West on true line  
between Sec 5 and 32

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

30 Gulch flows South

2290 Trail bears N.W. and S.E.

2400 Big Wash 4 chs wide with  
Stream of Water 18 links wide

Between Tps 18 and 19 N Range 14 W

Gila and Salt River meridian

- The gentle current and sandy bottom flows E. S. E.
- 4000 Set Granite Stone 15 x 12 x 10 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground and build mound of stone 2 feet high for  $\frac{1}{4}$  Sec cor. No trees near
- 8000 Set Granite Stone 20 x 10 x 6 ins properly notched  $\frac{3}{4}$  in the ground and build mound of stone 2  $\frac{1}{2}$  feet high for the cor to Secs 5, 6, 31 and 32. No trees near  
Sand rolling hills  
Soil 2<sup>o</sup> rate  
No timber

West on true line between Sec 6 and 31

N 15° 05' East

- 4000 Set Limestone Stone 15 x 8 x 6 ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the

Between Twp 18 and 19 N Range 14

Gila and Salt River meridians

- Ch ground and build mound  
of stone 2 feet high for 1/4  
Sec cor. No trees near
- 47,00 Leave rolling Hills and enter  
broken land
- 79,00 The cor to Sec 1, 6, 31 and 36  
Twp 18 and 19 N Ranges 14  
and 15 West.  
Land rolling & broken W  
Soil 2 c. rate - and mineral  
No timber.

General Description of  
Twp 18 N Range 14 W.

The W portion of this Twp  
lies in the foot hills and  
mountains of the Huapai  
Range and forms part of the  
Cedar mining district containing  
numerous mineral bearing

Between Tps 18 and 19 N Range 14 W  
Gila and Salt River meridian

veins some of which are being  
vigourously worked.

The balance of the  
Tps consists of rolling hills  
covered with nutritious grasses.

There is very little  
Lumber in the Township

C. Weston Foster  
U. S. Deputy Surveyor



# Field Notes

of the

## Exterior Boundaries

of

Township 19 North  
Range 14 West

Gila and Salt River Meridian  
Territory of Arizona  
Surveyed by

C. Burton Foster

U.S. Dep Surveyor

Under his Contract of 5 Aug 1873

Survey commenced 25<sup>th</sup> March 1874

Survey completed 27<sup>th</sup> March 1874

Between Tangles 14 and 15 N Sp 19 N

Gila and Salt River meridian

Ch From the established cor to  
Sp 18 and 19 N between  
Tangles 14 and 15 N.

I run

North on range line  
between Sec 31 and 36.

$\frac{1}{4}$  to  $15^{\circ}05'$  East as per  
Burt's improved Solar Compass

39,00 Gutch flows East -

40,00 Set a Granite Stone  $18 \times 10 \times 6$  ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone 2 feet high  
for  $\frac{1}{4}$  Sec cor. No trees near.

5200 Line crosses summit of rocky  
hill

62,20 Gutch flows S. E.

8000 Set a Granite Stone  $20 \times 10 \times 6$  ins  
properly notched  $\frac{3}{4}$  in the ground  
and build mound of stone 3 feet  
high for the cor to Sec 25.30

Between ranges 14 and 15 N Sp 19 S

Gila and Salt River meridians

Che 31 and 36 - No trees near  
Sand rough and mountainous  
Soil mineral  
No timber.

North between Sec 25 and 30  
Ta 15° 03' East

Begin descent into canon  
from corner.

7.50 Bottom of canon with  
mountain torrent flows to  
15 feet wide.

9.50 Leave canon and line runs  
over low divide between  
mountains ranging to and 11

4.00 Set a Granite Stone 24 x 12 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  W in the  
ground and build a  
mound of rocks 2 feet high  
for  $\frac{1}{4}$  Sec cor. No trees near

Between ranges 14 and 15 N Sp 19 N

Gila and Salt river meridian

5800 <sup>ch</sup> Gulch with Water flows East  
and begin ascent of high  
rocky hill -

7400 Line passes 1 ch S of summit

8000 Set a Granite Stone 36 x 12 x 6 ins  
properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
stone 3 feet high for the cor to  
Sec 19, 24, 25 and 30

No trees near

Land broken and mountainous  
Soil mineral

No timber -

North between Sec 19 and 24

Ta 15° 03' East

3300 Foot of hill and Gulch with  
water flows E. N. E.

4000 Set a Granite Stone 18 x 16 x 6 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground

Between ranges 14 and 15 N Sp 19

Gila and Salt River meridian

Ch<sub>2</sub> and build a mound of stone  
2 feet high for 1/4 Sec cor  
No trees near

5200 Gulch with water flows east

6300 Gulch with water flows east

8000 Set a Granite Stone 30 x 14 x 8  
ins properly notched 3/4 in the  
ground and build mound of  
stone 2 1/2 feet high for the cor  
to Sec 13, 18, 19 and 24  
No trees near

Sand broken and mountainous  
Soil mineral

No timber

March 25<sup>th</sup> 1874

North between Sec 13 and 18

To 15° 03' east

rather low rolling hills  
covered with brush

4000 Set Granite Stone 15 x 12 x 10

Between Tanager 14 and 15 N Sp 19 N

Gila and Salt River meridian

Cherms marked  $\frac{1}{4}$  S  $\frac{1}{2}$  W in the ground  
and build mound of stone  
2 feet high for 14 Sec cor  
No trees near.

5000 Arroyo flows to 50 yards wide

8000 Set a Post marked and notched  
 $4\frac{1}{2}$  feet long 3 ins squared 1 foot  
in the ground and build a  
mound of stone around it  $2\frac{1}{2}$  feet  
high for the cor to Sec 7, 12, 13  
and 18. No trees near

Sand rolling hills

Soil mineral

Timber a few scattering Cedar  
and Pinon - Undergrowth  
Oak and Brush.

North between Sec 7 and 12

Va 15° 03' East

4000 Set a Granite Stone  $15 \times 8 \times 6$  ins

Between Tangles 14 and 15 N Sp 19

Gila and Salt River meridian

Ch marked  $\frac{1}{4}$  S  $\frac{1}{2}$  E in the ground  
and build a mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

4250 Arroyo with water 15 links wide  
flows S. E.

8000 Set a Granite Stone  $24 \times 18 \times 10$  in  
properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high for the cor  
to Sec 1. 6. 7 and 12 -

No trees near

Sand rolling hills

Soil mineral

Timber some Cedar and Pinon

Undergrowth Oak Brush

North between Sec 1 and 4  
 $\frac{1}{2}$  to  $15^{\circ} 03'$  East

480 Gulch with steep rocky

Between Tangles 14 and 15 W Sp 19 N  
Gila and Salt River meridian

the banks with rapid stream of  
water 15 links wide flowing  
E. S. E.

4000 Set a Luni Stone 15 x 10 x 10 ins  
marked  $\frac{1}{4}$  S Sp in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near

5000 Set a post marked and notched  
4  $\frac{1}{2}$  feet long 4 ins squared 1  
foot in the ground deposit  
marked stone and build a  
mound of earth 2  $\frac{1}{2}$  feet high  
with pits 2 x 1  $\frac{1}{2}$  x 1 ft for the  
cor to Secs 1, 6, 31 and 36  
and of Sp 19 and 20 North  
Tangles 14 and 15 West -  
No trees near -  
Land rolling hills  
Soil mineral



Between Ranges 14 and 15 N Sp 19 N  
Gila and Salt River meridian

Chc No timber  
Undergrowth Oak Brush

Between Sp 19 and 20 N Range 14 N

From the cor to Sp 19 and  
20 N Ranges 14 and 15 N.

I run

East on random line  
between said Sp

To 15'05' East as per  
Burt's improved Solar  
Compass

I set temporary  $\frac{1}{2}$  mile  
and mile posts at 4000 and  
8000 chains.

I find the Sp line  
to be 5 miles 78 chains  
20 links and the following

Between Township 19 and 20 Range 14 N

Gila and Salt River meridian

che to be at the Sp corner.

The correction for the true line will therefore be 1 chain and 50 links N per mile

From the cor to Sp 19  
and 20 N Ranges 13 and 14 N  
I run

West on true line  
between Sec 1 and 36  
Ta 15° 05' east

3000 Wash 8 che wide flows S. to.

4000 Set a post 4 feet long marked  
1/4 S flattened 3 in wide 1/2 in  
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 Set a Granite Stone 15 x 10 x 6  
in properly notched 2/3 in

Between Tps 19 and 20 N Range 14 W

Gila and Salt River meadows

Chc the ground and build mound  
of stone 3 feet high for the  
cor to Secs 1, 2, 35 and 36  
from which

a Palos Verde 8 in dia bears N  
5° east 120 links

No others near

Land rolling grassy hills  
Soil 2% rate

Timber some Palos Verde  
along line.

West on true line between  
Secs 2 and 35

Var 15° 05' east

4000 Set a Granite Stone 18 x 8 x 8 ins  
marked  $\frac{7}{4}$  S.  $\frac{2}{3}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near.

Between Twp 19 and 20 N Range 14 W

Gila and Salt River meridian

8000 Set a Granite Stone  $30 \times 12 \times 8$  ins  
properly notched  $\frac{3}{4}$  in the ground  
and build mound of stone  $2\frac{1}{2}$   
feet high for the cor to Secs  
2, 3, 34 and 35. No trees near  
Land rolling grassy hills  
Soil  $\text{S}^{\text{C}}$  rate  
Timber a few scattering cedars

West on true line between  
Secs 3 and 34

$\text{Ta } 15^{\circ} 05'$  East

4000 Set a Granite Stone  $14 \times 12 \times 10$  ins  
marked  $\frac{7}{8}$  S  $\frac{2}{3}$  in the ground  
and build mound of stone 2  
feet high for  $\frac{1}{4}$  Sec cor  
No trees near.

8000 Set a Granite Stone  $20 \times 12 \times 10$  ins  
properly notched  $\frac{3}{4}$  in the  
ground and build a mound

Between Apr 19 and 20 N Tange 14 W

Gila and Salt River meridian

Chk of stone 3 feet high for the cor  
to Secs 3, 4, 33 and 34.

No trees near

Sand rotting grassy hills  
Soil 2<sup>d</sup> rate

Timber some scattering  
cedar and Fir on south  
of line.

March 26<sup>th</sup> 1874

West on true line between  
Secs 4 and 33.

To 15° 05' East

4000 Set a Linn Stone 18x15x8 ins  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build a mound of stone  
2  $\frac{1}{2}$  feet high for  $\frac{1}{4}$  Sec cor  
No trees near.

4700 Wash 3 chs wide flows S. S. S.  
with stream of water 15 links  
running through centre.

Between Twp 19 and 20 Range 14 N

Gila and Salt River Indian

Ch  
5,000

Set a Granite Stone  $24 \times 10 \times 8$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 3 feet high for the cor  
to Sec 4, 5, 32 and 33.

No trees near.

Sand rolling grassy hills  
Soil  $\text{S}^{\text{C}}$  rate

Timber some Cedar South of  
line.

West on true line between  
Sec 5 and 32

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

(4,000

Set a Granite Stone  $20 \times 15 \times 10$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near

8,000

Set a Granite Stone  $30 \times 15 \times 10$  ins

Between Twp 19 and 20 N Range 14 W

Gila and Salt River meridian

Chc properly notched  $\frac{3}{4}$  in the ground and build mound of stone 2  $\frac{1}{2}$  feet high for the cor to Sec 5. b. 31 and 32 from which

a Cedar 20 in dia bears S 85° W 10 lbs

a Cedar 15 in dia bears S 75° W 25 lbs

No others near

Sand rolling grassy hills  
Soil 2<sup>d</sup> rate

Timber some Cedar and  
Purion on W end of line

West on true line between  
Sec 6 and 31

Ca 15° 05' East

4000 Set a Granite Stone 24 x 10 x 8  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 2 feet high for  $\frac{1}{4}$  Sec

Between Sp 19 and 20 N Range 14 N

Gila and Salt River meridian

Chc cot. No trees near  
 7000 Leave rolling grassy hills  
 7800 The cot to Sec 1, 6, 31 and 36  
 Sp 19 and 20 N Ranges  
 14 and 15 N.

Land rolling grassy hills  
 Soil 2<sup>d</sup> rate

Timber some Cedar on east  
 of line -

### General Description of Sp 19 N Range 14 N

The SW portion of this Sp lies  
 in the foot hills of the Hualpai  
 mountains and forms part of the  
 Maynard Mining District and  
 contains numerous mineral  
 ledges. The balance of the Sp  
 contains a considerable quantity



Between Tps 19 and 20 N Range 14 W

Gila and Salt River meadows

of good grazing land being  
covered with nutritious grasses.

There is some scattering  
cedars in the N.W. portion

L. Dunton Foster  
U.S. Dep. Surveyor

# Field Notes

of the

## Exterior Boundary

of

Township 20 North  
Range 14 West

Gila and Salt River meridian  
Territory of Arizona  
Surveyed by

C. Burton Foster

U. S. Dep Surveyor

Under his contract of 5 Aug 1873

Survey commenced 27<sup>th</sup> March 1874

Survey completed 27<sup>th</sup> March 1874

Between Ranges 14 and 15 N Sp 20 N

Gila and Salt River meridian

Ch From the established cor to  
Sp 19 and 20 N between  
Ranges 14 and 15 N

Run

North on range line  
between Sec. 31 and 36

At  $15^{\circ}05'$  east as per  
Burt's improved Solar Compass  
Line continues over low  
brushy hills -

4000 Set a Granite Stone  $20 \times 8 \times 8$  ins  
marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the ground  
and build mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor  
No trees near.

8000 Set a Granite Stone  $24 \times 10 \times 6$  ins  
properly notched  $\frac{3}{4}$  in the  
ground and build mound of  
stone  $2 \frac{1}{2}$  feet high for the  
cor to Sec 25, 30, 31 and 36

Between ranges 14 and 15 N Sp 20 S  
Gila and Salt River meridian

Che No trees near  
Sand rolling hills  
Soil mineral  
No timber -  
Undergrowth oak brush

North between Secs 25 and 30  
Ta 15°05' East

- 4000 Set a Granite Stone 20 x 12 x 6  
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build mound of  
stone 2 feet high for  $\frac{1}{4}$  Sec  
cor. No trees near
- 6200 Wash 3 che wide with water  
flows to.
- 8000 Set a Granite Stone 20 x 8 x 6  
ins properly notched  $\frac{3}{4}$  in  
the ground and build a  
mound of stone  $2\frac{1}{2}$  feet high  
for the cor to Secs 19, 24, 25

Between Tangles 14 and 15 N Sp 20 N

Gila and Salt River meadows

Chs and 30. No trees near

Sand rolling hills

Soil mineral

No timber.

Undergrowth Oak Brush

North between Secs 19 and 24

Wa 15° 05' East

4000 Set Granite Stone 18 x 6 x 6 in  
marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the ground  
and build a mound of stone  
2 feet high for  $\frac{1}{4}$  Sec cor.

No trees near.

4300 Leave low rolling brushy hills  
and enter grassy hills

8000 Set a Linné Stone 20 x 14 x 6 in  
properly notched  $\frac{3}{4}$  in the  
ground and build mound  
of stone 3 feet high for the  
cor to Secs 13, 18, 19 and 24

Between ranges 14 and 15 N Sp. 20 N  
Gold and Salt River meridian

Chs No trees near.

Land rolling hills

Soil mineral South & rate  
North.

No timber.

Undergrowth oak brush on  
low hills.

North between Secs 13 and 18  
To 15° 05' East

4000 Set a Granite Stone  $20 \times 6 \times 4$   
ins marked  $\frac{1}{4}$  S  $\frac{3}{4}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec. cor. No trees near.

5500 Wash 2 chs wide flows S.E.

8000 Set a Granite Stone  $24 \times 8 \times 8$   
ins properly notched  $\frac{3}{4}$  in the  
ground and build a mound  
of stone 2  $\frac{1}{2}$  feet high for the

Between ranges 14 and 15 N Sp 20 N

Gila and Salt River meridian

Chs cor to Sec 7, 12, 13 and 18  
 No trees near  
 Sand rolling hills  
 Soil 2<sup>d</sup> rate  
 No timber

North between Sec 7 and 12  
 Ta 15° 05' east

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

4400 Arroyo 25 links wide flows east

5250 Arroyo 15 links wide flows east

8000 Set a Granite Stone 18 x 10 x 8 ins  
 properly notched  $\frac{2}{3}$  in the ground  
 and build mound of stone  
 2  $\frac{1}{2}$  feet high for the cor to Sec  
 1, 6, 7 and 12. No trees near.

Between Ranges 14 and 15 1/2 Sp 20 N  
Gila and Salt River meridian

The land gently rolling  
Soil 2<sup>d</sup> rate  
Timber a few scattering  
cedar along line.

North between Sec 1 and 6  
T<sub>14</sub> 15° 05' East

4000 Set a Granite Stone 16 x 10 x 10  
ins marked  $\frac{1}{4}$  S  $\frac{2}{3}$  in the  
ground and build mound  
of stone 2 feet high for  $\frac{1}{4}$   
Sec cor. No trees near.

8120 Intersected the 5<sup>th</sup> Standard  
Parallel 28.20 the east of  
the standard cor to Sp 21  
N Ranges 14 and 15 West  
and establish the closing  
cor to Sec 1 and 6 Sp 20  
N Ranges 14 and 15 N



Between Ranges 14 and 15 N Sp 20 N

Gila and Salt River meridian

Chc by setting a post marked  
and notched  $4\frac{1}{2}$  feet long  
4 ins squared 1 foot in the  
ground deposit marked  
stone and build mound of  
earth  $2\frac{1}{2}$  feet high with pits  
 $2 \times 1\frac{1}{2} \times 1\frac{1}{4}$  - No trees near  
Land gently rolling -  
Soil  $2^{\circ}$  rate

Lumber a few scattering cedar  
along line.

March 27<sup>th</sup> 1874

General Description  
of Sp 20 N Range 14 N

This Sp contains a  
large quantity of excellent grazing  
land. grasses common to the  
country being abundant.

There is a considerable

Between ranges 14 and 15 N Sp 20 S

Gila and Salt River meridian

quantity of Cedar Timber in  
the Northern portion -

C. Burton 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 Exterior Boundaries of Township 18 North Range 13 West  
 Township 19 North Range 13 West  
 Township 20 North Range 13 West  
 Township 17 North Range 14 West  
 Township 18 North Range 14 West  
 Gila and Salt River Meridian  
 Territory of Arizona

Showing the respective capacities in which they acted.

George J. Roskrugge Chainman.

Andrew J. Shrope Chainman.

Richard Shrope Axeman.

\_\_\_\_\_ Flagman.

**FINAL OATH OF ASSISTANTS.**

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WE hereby certify that we assisted C. Burton  
Foster U. S. Deputy Surveyor, in  
 surveying the Exterior Boundaries of  
 Township 18 North Range 13 West  
 Township 19 North Range 13 West  
 Township 20 North Range 13 West  
 Township 17 North Range 14 West  
 Township 18 North Range 14 West  
 Gila and Salt River meridians  
 Territory of Arizona  
 and that said Survey has been in all respects, to  
 the best of our knowledge and belief, well and  
 faithfully executed, and the boundary monu-  
 ments planted according to the instructions fur-  
 nished by the Surveyor-General.

George J. Postkrug Chairman.  
Andrew Shrope Chairman.  
Richard Shrope Axeman.

Flagman.

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

C. C. Sewell  
 Clerk of District Court  
 3<sup>rd</sup> District of Arizona.

## FINAL OATH OF DEPUTY SURVEYOR.

I, *C. Burton Foster*

U. S. Deputy Surveyor do solemnly swear that, in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the *5<sup>th</sup>* day of *August* 187*3* I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of the Exterior Boundaries of

*Township 18 North Range 13 West*  
*Township 19 North Range 13 West*  
*Township 20 North Range 13 West*  
*Township 17 North Range 14 West*  
*Township 18 North Range 14 West*  
*Gila and Salt River meridian*  
*Territory of Arizona* as are represented in the foregoing Field Notes as having

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

*E. Co. wells*  
Clerk District Court  
3<sup>rd</sup> District of Arizona.

**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 Western Boundaries of Townships 18 North Range 14 West*  
*Township 19 North Range 14 West*  
*Township 20 North Range 14 West*  
*Gila and Salt River meridian*  
*Territory of Arizona*

Showing the respective capacities in which they acted.

*George J. Roskrige* Chairman.

*Andrew J. Shrope* Chainman.

*Richard Shrope* Axeman.

*\_\_\_\_\_* Flagman.

## FINAL OATH OF ASSISTANTS.

WE hereby certify that we assisted C. Burton  
Foster U. S. Deputy Surveyor, in  
 surveying the Exterior Boundaries of  
Township 18 North Range 14 West  
Township 19 North Range 14 West  
Township 20 North Range 14 West  
Gila and Salt River meridians  
Territory of Arizona

and that said Survey has been in all respects, to  
 the best of our knowledge and belief, well and  
 faithfully executed, and the boundary monu-  
 ments planted according to the instructions fur-  
 nished by the Surveyor-General.

George J. Rosteruge Chairman.

Andrew Shrope Chainman.

Richard Shrope Axeman.

Flagman.

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

E. E. Wells  
 Clerk District Court  
 3<sup>d</sup> District of Arizona.



## FINAL OATH OF DEPUTY SURVEYOR.

I, C. Burton Foster

U. S. Deputy Surveyor do solemnly swear that, in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the fifth day of August

1873 I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of

the western Boundaries of

Township 18 North Range 14 West

Township 19 North Range 14 West

Township 20 North Range 14 West

Gila and Salt River meridian

Territory of Arizona as are represented in the foregoing Field Notes as having

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.

*Burton Foster*  
Deputy Surveyor.

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

*E. Swells*

Deputy District Court  
3<sup>rd</sup> District of Arizona.





## FINAL OATH OF ASSISTANTS.

WE hereby certify that we assisted C. Burton Foster — U. S. Deputy Surveyor, in

surveying the Western Boundary of Range Line  
 Between Ranges 12 and 13 West Township 20 North  
 Between Ranges 12 and 13 West Township 19 North  
 Between Ranges 12 and 13 West Township 18 North  
 Between Ranges 12 and 13 West Township 17 North  
 and Western Boundaries of  
 Township 17 North Range 13 West and  
 Township 18 North Range 13 West. Gila and  
 Salt River Meridian, Territory of Arizona

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

George J. Postkrige Chainman.

Andrew Shupe Chainman.

Richard Shupe Axeman.

Flagman.

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

E. C. Coe

Notary Public

3<sup>rd</sup> District of Arizona.

**FINAL OATH OF DEPUTY SURVEYOR.**

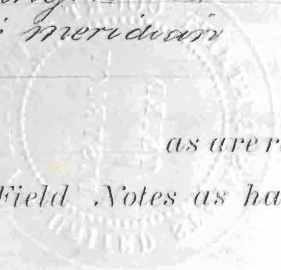
I, *C. Burton Foster*

U. S. Deputy Surveyor do solemnly swear that,  
 in pursuance of a contract with John Wasson,  
 United States Surveyor-General for Arizona, bear-  
 ing date the *fifth* day of *August*

187<sup>3</sup> I have well, faithfully and truly, in my  
 own proper person, and in strict conformity with  
 the instructions furnished by the Surveyor-Gener-  
 al, the Surveying Manual, and the laws of the

United States, surveyed all those portions of  
 the Western Boundary or Range line  
 Between Ranges 12 and 13 West Township 20 North  
 Between Ranges 12 and 13 West Township 19 North  
 Between Ranges 12 and 13 West Township 18 North  
 Between Ranges 12 and 13 West Township 17 North  
 and Western Boundaries of  
 Township 17 North Range 13 West and  
 Township 18 North Range 13 West  
 Gila and Salt River Meridian  
 Territory of Arizona

as are repre-  
 sented in the foregoing Field Notes as having



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

E. C. Evetts  
Jelen District Court  
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

Eastern lines of Townships 17, 18, 19

and 20 N. ranges 13 and 14 W.

including a portion of Forest

Standard 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 examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

John Basson