

BOOK 1645<sup>1</sup>

1A

*See Index*

1645

# Field Notes

OF THE SURVEY OF

*The 1st Auxiliary Meridian  
West through*

*P. 1 N. & Tps 14 & S.*

BOOK 1645

1645

*Gila and Salt River Base and Meridian*

**ARIZONA.**

By R. C. Power D. S.

Under contract dated Oct 24 1877

Survey commenced Dec 8 1882

Survey completed Jan 16 1883

1645

1645

1A

BOOK 1645

Field Notes of the 1st  
Auxiliary Meridian West  
through Tps 14 & 2 South  
R<sup>o</sup> 4 & 5 West.

BOOK 1645

1	38	4	8	2	1
	6				
12	36	9	10	11	12
	7				
13	37	T.M.		13	
	8				
24	39	21	22	23	24
	10				
25	39	26	27	28	29
	11				
36	39	33	34	35	36
	12				

36	4	8	2	1	
6	9	10	11	12	
8	T.M.		13		
10	20	21	22	23	24
12	20	21	27	28	29
14	32	33	34	35	36
16	5	6	7	8	9
17	8	9	10	11	12
19	17	T.M.		13	
21	30	31	32	33	34
23	30	21	27	28	
36	32	33	34	35	36

125

125

pg 6A

36

1010-Cor

BOOK 1645

For preliminary and final  
 aths see Bks of Gila & Salt River  
 Base Line and No. 1 N. R. 27,  
 respectively

1<sup>st</sup> Auxiliary Meridian West  
 Gila & Salt River Base & Meridian  
 chains

I commenced the survey  
 of the 1<sup>st</sup> Auxiliary Meridian  
 December 8<sup>th</sup> 1882. with  
 the same instrument that  
 I used in running the  
 Base line,  
 at the cor. to Tps 1 N.  
 R. 4 & 5 West, <sup>I examined and tested my instrument</sup> I took the  
 latitude, and found it  
 to be  $33^{\circ}23'$  North, I verified  
 the same at noon by obser-  
 vations on the sun and found  
 it correct.

From cor to Tps 1 N. R. 4 & 5  
 N. just now established,  
 and which is a Post properly  
 marked & watched, with  
 pits N. & W. of post.

1st Auxiliary Meridian West.  
through Sp. 1 S.

Chain

Set firmly in ground of  
earth 30m East on a true  
line on S. By of Sec 31. and  
at 9.40 chs I set a Post  
4 1/2 ft long 4 in sq. with  
marked stone 12 in. in the  
ground for closing Cor.  
to Sp 1 S. Rs 4 + 5 W. marked  
C. C. S. 1 S. on S.

R. 4 W. S. 6 on E. and

R. 5 W. S. 1 on W. faces, with  
6 notches on S. E. W. faces,  
dug pits 24 + 18 + 12 ins. cross-  
wise on each line, S. E. W.  
off post 6 ft. dirt. and  
raised a mound of earth  
2 1/2 ft. high 5 ft base around  
post.

1st Auxiliary Meridian West  
through Sp. 15.

chain

From the closing cor. Iron  
South on a true line bet.

Secs. 1 & 6. on the 1st Auxiliary  
Meridian West.

Var  $13^{\circ} 54' E$ .

(as per observation with solar Compass  
verified with observation on Polaris)

40.00 Set a granite stone  $14 \times 8 \times 7$  ins.  
10 ins. in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  on W. face,  
dug pits  $18 \times 18 \times 12$  ins. N.W.S.  
of stone  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base along  
side.

80.00 Set a granite stone  $18 \times 9 \times 6$  ins.  
12 ins. in the ground for cor.  
to Secs. 1 & 6. 7 & 12, marked with

## 1st Auxiliary Meridian

chain

1 notch on 4 & 5 notches  
on S. edges, dug pits 18" x 18" x 12 in.  
in each sec. 5 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 ft. base  
along side.

Surface level slopes South  
Soil sandy & 2<sup>d</sup> rate  
Herse Greasewood & cat  
claw brush.

South on a true line bet.  
Secs. 7 & 12.

Var. 13° 54' E!

4000 Set about 4 ft. long 3 ins. sq.  
with marked true line  
in the ground, for 1/4 sec

West through Sp 1 S.

chains

Cor. marked  $\frac{1}{4}$  S. on W. face, dug pits  $18 \times 18 \times 12$  in. W. of post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around post.

80.00 Set a Post 4 ft. long 4 in. square, with marked stone 12 in. in the ground for Cor. S. Secs. 7, 12, 13 & 18, marked N. 1 S. S. 7 on N. E. R. 4 W. S. 18 on S. E. R. 5 W. S. 13 on S. W. and S. 12 on N. W. faces, with 2 watches on N. & 4 watches on S. edges, dug pits  $18 \times 18 \times 12$  in. in each sec.  $5\frac{1}{2}$  ft. dist. and raised a mound



## 1st Auxiliary Meridian

chains

of earth 2 ft. high  $4\frac{1}{2}$  ft.  
base around post.

Surface level

Soil 1st rate

Beuse undergrowth of  
Cataclaw & Greasewood  
& Palo Verde brush.

South on a true line bet  
Secs. 13 & 18.

Var.  $13^{\circ} 54' E$ .

4000 Sit about 2 ft. long 2 in. sq.  
with marked stone 2 in.  
in the ground for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  S. on W.  
face, dug pit 18 & 18 & 12 in.  
W.S. of cor.  $5\frac{1}{2}$  ft. dist.

## West through P. 1 S.

chains

and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around Post.

8000

A Mesquite Tree 10 ins. dia. which I marked

P. 1 S. S. 18 on N. E.

R. 4 W. S. 29 on S. E.

R. 5 W. S. 24 on S. W. and

S. 13 on N. W. faces, with

3 notches on N & S. sides, dug pits  $18 \times 18 \times 12$  ins. in each

sec.  $5\frac{1}{2}$  ft. dist. and raised

a mound of earth around

tree, for Cor. to Secs. 13. 18.

$19 \times 24$ .

Surface level

Scattering Mesquite

Heave Greasewood & Cotolear

& Arrow bush. sec. 8, 1882

## 1st Auxiliary Meridian

chains

Mesquite & Palo Verde  
 Grease Wood &  
 Cats claw & Arrow wood

---

South on a true line bet.  
 Secs. 25 & 30.

7 or.  $13^{\circ} 54' E.$

4.50 Enter scattering Cottonwood

6.75 Right bank of Gila River  
 hrs S. W. & N. E.  $30^{\circ}$  Measure  
 across.

15.72 Left Bank of River, Water  
 shallow. Low Bank Bottom  
 overflowed

4.00 Set a Granite stone  $14 \times 10 \times 6$   
 ins. 10 ins. in the ground for  
 $\frac{1}{4}$  sec. Cor. marked  $\frac{1}{4}$  on

W. through Tp. No 1. S.

chain

W face, and raised a mound of stone alongside  
Pit impracticable

55.00 Leave low Bottom & bottom-  
wood enter Mesquite bottom  
10 ft. above

80.00 Set a Post 4 ft. long 4 ins. sq.  
with marked stone 12 ins. in  
the ground, for cor. to Sec.

25. 30. 31 & 36. marked  
N. 1 S. S. 30 on N. E.

R. 4 W. S. 31 on S. E.

R. 5 W. S. 36 on S. W. and

S. 25 on N. W. face, with  
5 notches on N & 1 notch  
on S. edges, dug pits 18 & 18 & 12  
ins. in each cor. 5/2 ft. dist.  
and raised a mound of

## 1st Auxiliary Meridian West

Chains

earth 2ft high  $4\frac{1}{2}$ ft. base  
around post.

Surface level

Soil 24 chs 1<sup>st</sup> rate

56 chs 3<sup>d</sup> rate.

Number bottomwood along River  
Mesquite Greasewood & Arrow  
brush all the way.

South on a true line bet.

Secs. 31 & 36.

Var.  $130^{\circ}54' E$

8.00 Ascend over foot hill of Mtn

4.00 Set a granite stone  $16 \times 12 \times 8$  ins.

12 ins. in the ground for  $\frac{1}{4}$  sec.

Cor. marked  $\frac{1}{4}$  on W. face,  
and raised a mound of

through Sp. No 1 S.

chain

stone alongside, Pits imp-  
racticable

56.40 Top of N. E. point of Mtn  
to S. 30° W. Descend about  
150 ft. high

67.72 Dry Wash 15 kls wide, course N. 65° E.  
foot of Mtn

8000 Set a granite stone 16 x 14 x 6  
ins. 11 ins. in the ground for  
two Sp. 1 x 2 S. R. 4 x 5 W.  
marked with 6 notches, on  
each edge, and raised a  
wound of stone along-  
side Pits impracticable.

Surface mountainous & rocky  
Soil 4<sup>th</sup> rate

Scattering Mesquite & Palo  
Verde & Yucca woodbush.

1<sup>st</sup> Auxiliary Meridians

chains

Cor. to

From the Tps 1 & 2 S. Rs.  
4 & 5 W. just established  
From South <sup>from a square line</sup> bet. Tps. 4 & 5 W.  
Var.  $13^{\circ} 54' E.$

now comes Page  $\rightarrow 16^a$  line

- over foothills Mts & Washes
- 3.00 Dry wash 15ft deep 15ft wide  
course N.  $30^{\circ} E.$
- 20.00 High point of Mtn west of line  
about 25 chs & 500ft. high
- 30.00 Top of ridge brs S.  $60^{\circ} W.$
- 34.00 Enter valley brs N. & S. W.
- 41.83 Set a granite stone  $18 \times 10 \times 8$  in.  
12 in. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on W.  
face, did raised a mound  
of stone alongside Pitonap  
racticable
- 41.00 Dry Wash 15ft deep 15ft wide

continue line Page 16<sup>a</sup>

at 6 miles 1 chain x 89 lbs intersect N.  
line of Sp. 3 S. R. 4 W. 36.81 chs E. of  
the corner established for the cor. to  
Sp. 2 x 3 S. R. 4 x 5 West, which  
is a Post in mound of earth, with  
pits in each sec. from which a  
Magnite 20 ins. dia. to N. 8° E. 194 lbs dist.  
properly marked and notched,  
at the Point of intersection, set a Post  
4 1/2 ft. long 4 ins. sq. with marked stone 12  
ins. in the ground, for cor. to Sp. 2 x 3 S.  
R. 4 x 5 W. marked S. 2 S. S. 31 on N. E.  
R. 4 W. S. 6 on S. E., S. 3 S. S. 1 on S. W. and  
R. 5 W. S. 36 on N. W. face, with 6 notches on each  
edge, dug pits 24 x 18 x 12 ins. lengthwise on each  
line N. S. E. x W. of post 6 ft. dist. and raised a  
mound of earth 2 1/2 ft. high 5 ft. low around post  
from return to cor. to Sp. 1 x 2 S. R. 4 x 5 W. and  
from there down South on a true line  
bet. Secs. 1 & 6. Var. 13° 54' E.  
now continue Page (16<sup>a</sup>)



West. through Tp. No. 2 S.

Chains

course N. 40° W.

46.00 Dry wash 20 ft. deep. 30 lbs. wide,  
course N. 20° W.

81.83 Set a granite stone 20 x 10 x 6  
ins. 15 ins. in the ground for  
cor. to sec. 1, 6, 7 & 12 marked  
with 1 notch on N & 5 notches  
on S. edges, and raised a  
mound of stone alongside  
Pts. impracticable  
Surface Rolling & rocky  
Soil 4<sup>th</sup> rate  
Timber of Greasewood &  
Ironwood & Brush.

---

South on a true line bet.  
Secs. 7 & 12.

1<sup>st</sup> Auxiliary Meridian N.

Stations

Var.  $13^{\circ} 54' E$ 

- 5.35 Dry wash 15ft. deep. course S.  $25^{\circ} W$ .  
and ascend
- 19.00 Top of rocky ridge 80ft. high.  
In N. E. S. W. about 15 chs each way  
descend
- 25.55 Dry wash 20ft. deep. course S.  $50^{\circ} W$ .  
foot of Mountain.
- 40.00 Set a granite stone  $16 \times 12 \times 8$  ins.  
11 ins. in the ground, for  $\frac{1}{4}$   
Sec. cor. marked  $\frac{1}{4}$  on N.  
face. And raised a mound  
of stone along side. Pts  
impracticable
- 55.20 Dry wash 15ft. deep. 20ft. wide  
In N.  $40^{\circ} W$ . ascend N. W. slope  
of Mountain.
- 74.00 Top of Mtn 45ft. high

through Sp No 2 S!

chain

from N. E. S. W. & descend

80.00

Set a granite stone  $18 \times 12 \times 6$  ins.  
12 ins. in the ground, for Cor. to  
secs. 7, 12, 13 & 18. marked  
with 2 notches on N & 4 notches  
on S. edges, and raised a  
mound of stone alongside.

Surface mountainous & rocky  
& broken.

Soil  $4 \frac{1}{2}$  rate

Scattering Palo Verde &  
greasewood brush.

South on a true line bet.

Secs. 13 & 18.

Var.  $13^{\circ} 54' E!$

Descend

## 1st Auxiliary Meridian N.

chains

- 6.50 Deep Wash course E. thence  
over Mountain ridges, running E.  
from Main Range, ascend
- 10.30 Top of ridge Brs E descend
- 18.60 Dry Wash 15 lbs wide, course E.  
ascend
- 38.00 Top of Ridge Brs E descend
- 40.00 Set a Granite stone  $24 \times 16 \times 6$  ins.  
18 ins. in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  on W face  
and raised a rounded  
stone along side, Pts imp-  
racticable
- 46.50 Dry Arroyo course E. & ascend  
along Escape of Mountain
- 62.00 High Point of Mtn 15 chs West  
of line
- 80.00 Set a Granite <sup>stone</sup>,  $18 \times 12 \times 8$  ins.

through Tp. No. 2. S.

chains

12 ins. in the ground, for cor.  
to Secs. 13, 18, 19 & 24, marked  
with 3 notches on the S. edge,  
and raised a mound of  
stone alongside, pits imp-  
racticable

Surface mountainous & rocky  
Soil 4<sup>th</sup> rate

Palo verde & Greasewood bush.

South on a true line, bet.  
Secs. 19 & 24.

Var.  $13^{\circ} 54' E$

18.00 Enter valley

4.00 Set a Quartz Rock  $16 \times 12 \times 10$   
ins. 11 ins. in the ground  
for  $\frac{1}{4}$  sec. cor. marked

## 1st Auxiliary Meridian N.

chain

1/4 on W. face, and raised  
a mound of stone along  
side. Pits impracticable

54.35 Dry creek 20ft. deep. 30lbs wide,  
course S.  $31^{\circ}$  W.

80.00 Set a granite stone  $14 \times 9 \times 6$   
ins. 10 ins. in the ground for  
cor. to Secs. 19, 24, 25 & 30.

marked with 4 notches on N.

& 2 notches on S. edge, dug  
pits  $18 \times 18 \times 12$  ins. In each  
sec. 5 ft. dist. and raised

a mound of earth alongside.

Surface gently sloping South  
Soil rocky & 3% rate

Palo Verde & Greasewood  
Brush.

through Tp. No. 2 S.

chain

South on a true line bet.  
Secs. 25 & 30.

Var.  $13^{\circ}54' E$ "

11.10 Dry wash 15 ft. deep. 35 lbs wide  
course S. W.

40.00 Set a post 3 ft. long 3 ins. sq.  
with marked stone 24 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4} S.$  on W. face, from  
which a Palo Verde 8 ins. dia. br  $24^{\circ} E.$  36 lbs dist.  
marked  $\frac{1}{4} S. B. P.$

A Magnite 12 ins. dia. br S.  $60^{\circ} E.$  40 lbs dist.  
marked  $\frac{1}{4} S. B. P.$

80.00 Set a Post 4 ft. long 4 ins. square  
with marked stone 12 ins. in the  
ground, for cor. to Secs. 25, 30, 31 & 36.  
marked P. 2 S. S. 25 on N. E.  
R. 4 W. S. 31 on S. E.

## 1st Auxiliary Meridian W.

Kains

R. 5 W. S. 36. on S. W. and  
S. 25 on N. W. faces, with  
5 notches on N & 1 notch on  
S. edges, dug pits 18x18x12  
ins. in each sec. 5/2 ft.  
dist. and raised a mound  
of earth 2 ft high 4 1/2 ft.  
base around Post.

Surface descending gently  
to the south.

Soil rocky & 3<sup>d</sup> rate.  
Mesquite Palo Verde, &  
Greasewood & Brush.

South bet. Secs. 31 & 36.

Var. 13° 54' E.

4.45 Dry wash 15 ft. deep. 10 lbs mch



through Sp. No. 2 S.

4.00

course S. 40° W.

4.00

Set a Post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 Sec. N. face, dug pits 18 x 18 x 12 ins. West of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post

61.45 Road to N. W & S. E.

80.00

The cor. to Sp. 2 & 3 S  
Rs. 4 & 5. West already established

Surface sloping to South  
Soil sand loam set rate  
Scattering Mesquite & Paloverde  
Heave Undergrowth of

1<sup>st</sup> Auxiliary. Mendell. through Sp No 2 S.

Chains

Grease wood.

I searched very carefully after the 2 mile corners established in former years on the E By of Sp 2 South and R 5 West. along secs. 25 & 36. but was unable to find any trace whatever, except the Sp cor. already described which I found in good condition, I re-dug the pits, and rebuilt the mound to be of proper size.

December 9. 1882

Field - Notes  
of  
1<sup>st</sup> Auxiliary Meridian  
West.

2<sup>d</sup> Part.

1<sup>st</sup> Auxiliary Meridian West. through  
Sp 1 North. Giles Salt River Meridian

Survey commenced  
January 15<sup>th</sup> with a  
Burt's Patent Improved  
Solar compass, made  
by John Roach of  
San Francisco Cal.

Before commencing the  
Survey of the 1<sup>st</sup> Auxiliary  
Meridian West, I carefully  
examined the adjustments  
of my Solar compass,  
and found them correct.  
at the Cor. to Pps 1 N.  
Rs 4 & 5 W. a point  
just recently established  
by me on the Giles Salt  
River Base line, I took

1st Auxiliary Meridian

chains

the latitude which I found  
to be  $33^{\circ} 23'$  North,  
From the Cor. to Sp. 1 N.  
Rs 4 + 5 West, just ment-  
ioned from North bet.  
Secs. 31 + 36.

Var.  $13^{\circ} 54' E$ .

(as per observation with solar Compass)

40.00 Set a Post 4 ft. long, 3 ins. sq.  
with marked stone 12 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits 18" ~~18"~~ 18 1/2  
ins. W. of post  $5\frac{1}{2}$  ft. dist.  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
around post.

80.00 Set a Post 4 ft. long, 4 ins. sq.  
with marked stone 12 ins.  
in the ground for cor.

## West through Sp. 1 N.

chains

to Secs. 31 &amp; 36, marked

S. 1 N. S. 30 on N. E.

R. 4 N. S. 31 on S. E.

R. 5 N. S. 36 on S. W. and

S. 25 on N. W. faces, with  
scratches on W & 1 notch onS' edge, dig pits 18x18x12 ins.  
in each sec. 57 ft. dist. and  
raised a mound of earth  
aft. high 4 ft. base around  
post.

Surface level

Soil 2<sup>d</sup> rate

Dense greasewood brush

North bet. Secs. 25 &amp; 30

Var.  $13^{\circ} 54' E$ 

4000 Set a post 3 ft. long, 3 ins.

## 1st Auxiliary Meridian

chains

29. with marked stone, 12  
 ins. in the ground, for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  S.  
 on W. face, dug pits 18x18x12  
 ins. N.S. of post 5 ft. dist.  
 and raised a mound of earth  
 1 ft. high 3 ft. base around  
 post.

30.00 Set a post 4 ft. long, 4 ins. sq.  
 with marked stone 12 ins. in  
 the ground, for Cor. to Secs. 25, 30.  
 31x36, marked

P. 1 N. S. 19 on N. E.

R. 3 N. S. 30 on S. E.

R 4 N. S. 25 on S. W. and  
 S 24 on N. W. faces, with  
 4 notches on N. and 2 notches  
 on S. edge, dug pits 18x18x12  
 ins. in each sec. 5 1/2 ft.

West through T<sub>p</sub> 1 N.

chains

dist. and raised a mound  
of earth 2 ft. high  $4\frac{1}{2}$  ft.  
base around post.

Surface level

Soil 2<sup>d</sup> rate

Scrub greasewood brush.

---

North bet. Secs. 19 + 24

Var.  $13^{\circ}54'E$

- 40.00 Set about 3 ft. long 3 ins. sq.  
with marked stone pin  
in the ground for  $\frac{1}{4}$  sec. Cor.  
marked  $\frac{1}{4}$  S. on N. face dug  
pit 18 x 18 ins. W. S. of post  
 $5\frac{1}{2}$  ft. dist. and raised a  
mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$   
ft. base around post.
- 80.00 Set about 4 ft. long 4 ins. sq.



## set Auxiliary Meridian

claims

with marked stars 12 in.  
 in the ground, for Cor. to Secs.  
 13, 18, 19 & 24. marked  
 N. S. 5' 18 on N. E.  
 R. 5 W. S. 19 on S. E.  
 R. 5 W. S. 24 on S. W. and  
 S. 13 on N. W. faces, with  
 3 notches on N. S. edge,  
 dug pits 18 x 18 x 12 in. in  
 each sec. 37 ft. dist. and  
 raised a mound of  
 earth 2 ft. high 4 1/2 ft. base  
 around post.

5 in face level

Soil 2 d rate

Use Greasewood brush.

North bet. Secs. 13 & 18.

West through T<sup>p</sup> 1 N.

chains

Var 130 5/4 E.

4000 Set a Post 3 ft. long, 2 in. sq.  
with marked stone 12 in.  
in the ground, for 1/4 sec.  
Cor. marked 1/4 S. on W.  
face, dug pits 18 x 18 x 12 in.  
N. S. of post 5 1/2 ft. Dist.  
and raised a mound  
of earth 1 1/2 ft. high 3 1/2  
ft. base around post.

8000 Set a Post 4 ft. long, 4 in.  
square with marked stone  
12 in. in the ground, for  
Cor. to Sec. 7. 12, 13 & 18.  
marked T. 1 N. S. 7 on N. E.  
R. 4 W. S. 18 on S. E.

R. 5 W. S. 13 on S. W. and  
S. 12 on N. W. faces, with  
2 notches on N. & 4 notches

1<sup>st</sup> Auxiliary Meridian

chains

on S. edges, dug pits 18x18x12  
in. in each sec. 5 1/2 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. base,  
around pit.

Surface level

Soil 2<sup>d</sup> rate

Have Greasewood brush.

North bet. Secs. 7 &amp; 12

Var. 130° 54' E!

14.23 Dry wash 8 ft. deep. 30 lbs wide  
course S. 30° E!

4000 Set about 3 ft. long, 3 in. sq.  
with marked stone 12 in. in  
the ground, for 1/4 Sec. cor.  
marked 1/4 S. on W. face, dug  
pits 18x18x12 in. NW S of "

West through T<sub>6</sub> 1 N.

chains

post.  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base around post.

64.14 Dry wash 5 ft. deep. 10 lbs wide  
br.  $S^{\circ} 47^{\circ} W$ .

80.00 Set a post 4 ft. long, 4 in. sq.  
with marked stone 12 in.  
in the ground for Cor. to Sec.  
1. 6. 7 & 12. marked  
S. 1 S. S. 6 on N. E.  
R. 4 W. S. 7 on S. E.

R 5 W. S. 12 on S. W. and  
S. 1 on N. W. faces, with  
1 notch on N. and 5 notches  
on S. edge, dug pits  $18 \times 18 \times 12$   
in. in each sec.  $5\frac{1}{2}$  ft. dist.  
and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft. base  
around post.

1<sup>st</sup> Assilian Meridian

chain

Surface Rolling  
 Soil 2<sup>d</sup> rate  
 Heavy Greasewood brush

North bet. Secs. 1 & 6.

Var.  $13^{\circ}54'E$

4000 Set a Post 4 ft. long, 2 ins. sq.  
 with marked stone 12 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor.  
 marked  $\frac{1}{4}$  S. on W. face,  
 dug pits  $18 \times 18$  c. 12 ins. W. S.  
 of post  $5\frac{1}{2}$  ft. dist. and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
 post

8000 Set a Post 4 ft. long, 4 ins. sq.  
 with marked stone 12 ins.  
 in the ground for cor. to  $\frac{1}{2}$  sec.

West the way Sp 1 N.

Chains

1 & 2 N. Rs 4 & 5 W. marked  
 S. 2 N. Sec. 31 on N. E.  
 R. 4 W. S. 36 on S. E.  
 S. 1 N. S. 1 on S. W. and  
 R. 5 W. S. 36 on N. W. face,  
 with 6 butches on each edge,  
 dug, pits 24 & 18 & 12 in. length  
<sup>N. S. E. & W. of foot</sup>  
~~wise on each side~~ 6 ft. dist. and  
 raised a mound of  
 earth 2 1/2 ft. high 5 1/2 ft.  
 base along side,  
 surface level  
 Soil 1st rate  
 Good Greasewood brush.  
 January 16. 1883

For final notes see Book to  
 Sp 1 N. R. 2 W.

U. S. Surveyor General's Office,

TUCSON, ARIZONA, February 21, 1883,

The foregoing Field Notes of the Survey of the

1st Auxiliary Meridian  
West through  
Township 1 N. & 3 P. S.,  
1 & 2 South.

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by R. G. Powers

Deputy Surveyor, under his contract of the 24th  
day of October, 1882, having been

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

J. W. Robinson  
Surveyor General.