

No. 1245 · Book II 1

See Index

# Field Notes

BOOK 1245

OF THE SURVEY OF

*the*  
6th. Standard Parallel  
North through Range  
15, 16 and 17 East

*See resurvey by Smith (in 1891)  
tho. R 17E T. 15N p. 18*

BOOK 1245

Gila and Salt River Base and Meridian

**ARIZONA.**

By *O. D. Wheeler* . . . D.S.

Under contract dated *Aug. 5* 1882

Survey commenced *Sept. 18* 1882

Survey completed *Sept. 19* 1882

1245

No. 1245 ✓

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Page.

to 6th Standard Parallel North  
 through Range 17 E. from 1 to 12  
 " " 16 E. " 12 to 19  
 " " 15 E. " 19 to 26

S. Body. P. 25 N.

R. 15 E. - 19

R. 16 E. - 12

31	32	33	34	35	36	31	32	33	34	35	36
25	24	23	22	20	19	18	16	15	14	13	12
6	5	4	3	2	1	6	5	4	3	2	1

R. 17 E. - 1

31	32	33	34	35	36
3	5	6	8	9	
6	5	4	3	2	1

1B

BOOK 1245

Survey commenced  
September 18th 1882

Survey completed Sept 19-82

For description of instrument  
and preliminary notes  
See Book 1

No. 1245

6th Standard Parallel St. through  
Chains R. 17 E. 17<sup>0</sup> 0' 0" and Sub. River Mrs

From the closing Cor.  
to Sp. 24 St. R. 10  
and 17 E. which  
was recently established  
by me. I run East  
on a true line with  
a variation of  $13^{\circ} 30' E$   
and at <sup>32.64</sup> 404<sup>0</sup> Chains.

Set a cottonwood post  
4<sup>1</sup>/<sub>2</sub> ft. long 5 ins. dia.  
with marked stone 12  
ins. in the ground (for  
Standard Cor. to Sp. 25  
St. R. 16 and 17 E.)  
marked S. C. J. 25 St.  
on St. R. 17 E. S. 31<sup>0</sup> 0' E.  
and R. 16 E. S. 36<sup>0</sup> 0' N.  
faces, with  $\frac{1}{2}$  inch on  
N. E. and N. faces,



0th Stand and Parallel St.  
through Range 17 E

Chains

<sup>with</sup> all 9 pits 24 x 18 x 12 ins.  
Vortices on each  
line of E. and N. of  
post. <sup>with</sup> 1/2 ft. dist. and  
raised a mound  
of earth 2 1/2 ft. high  
5 ft. base around post.  
Thence I continue on  
a true line East with  
a variation of 10° 30' E.  
on the South boundary  
of Section 31.

D mound gradually

40.00 Set a sand stone, 4 x 8 x 9 ins., 9 ins.  
in the ground for 1/2 Sec, Cor, marked 1/2 S. on N.  
face, 2 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high on the N. side.

80.00 Set a post 4 ft. long 4 ins. square, with marked  
stone, 1 1/2 ins. in the ground for <sup>Stand</sup> 1/2 Cor, to Secs,

6th Standard Parallel N. through  
Chains Range 17 E.

31 and 32 marked  
S. C. T. 25 St. R. 17 E. on St.  
S. 32 on E. and S. 31 on  
N. face, with 1 notch on N.  
and 5 notches on E. face.  
dug pits 18 x 18 x 2 in.  
St. E. and N. of post 5 1/2  
ft. dist. and raised a  
mound of earth 2 ft  
high 4 1/2 ft. diam. around post.  
Surface rolling  
Soil 2nd. rate  
Good grass

---

East on S. Boundary of  
Sec. 32

Sta. 18° 30' E  
Over level land  
4000 Deposited marked

6th. Standard Parallel St.  
through Range 17 E.  
Chains

stone 12 ins. in the ground  
for "4 Sec. S. C. dug pits  
18 x 18 x 12 ins. E. and W.  
of stone 5-1/2 ft. dist.  
and raised a mound  
of earth 1-1/2 ft. high  
3-1/2 ft. base over it.  
In E. pit. drove stake  
2 ft. long 2 ins. sq. 12 ins  
in the ground marked  
"4 S. S. C. on St. face  
41.00 Begin to ascend over  
ground

8.00 Set a <sup>standard</sup> sand stone 5 x 7 x 5 ins, 10 ins. in  
the ground for Cor. to Secs, 22 and 23 marked S.B.  
on St. with 2 notches on W and 4 notches on E. edges,  
dug pits 18 x 18 x 12 ins. N. E. + W. of stone 5-1/2 ft.  
dist. and raised a mound of earth 2 ft. high  
4-1/2 ft. base. alongside.



6th Standard Parallel North  
through Range 17 E.  
Chain

Surface rolling  
Soil 3rd. rate  
Good grass

East on S. boundary of Sec. 33  
Ta. 13° 31' E.

over nearly level land

4 000

Set a <sup>Stand.</sup> Sand stone  $4 \times 7 \times 5$  ins., 9 ins.  
in the ground for  $\frac{1}{4}$  Sec. <sup>Stand.</sup> Cor, marked  $\frac{1}{4}$  S on N.  
face. Dig pits  $18 \times 18 \times 12$  ins. E. and N.  
of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $2\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. alongside.

8 000

on N.

Set a <sup>Stand.</sup> Sand stone  $5 \times 5 \times 6$  ins., 10 ins. in  
the ground for  $\frac{1}{4}$  Cor. to Secs. 33 and 34 marked S. C.  
with 3 notch on W. and ~~notch on~~ E. edges,  
dig pits  $18 \times 18 \times 12$  ins. N. E. + W. of stone  $5\frac{1}{2}$  ft.  
dist. and raised a mound of earth 2 ft. high.  
 $4\frac{1}{2}$  ft. base. alongside.

Surface gently rolling



0th Standard Parallel St.  
 through Range 17 E.  
 Chains

Soil 3 rd. rate  
Good grass

East on S. boundary of  
 Sec. 34

Ca.  $13^{\circ}30' E.$

descend over rolling land

40.00

Deposited marked  
 stone 12 ins. in the ground  
 for  $\frac{1}{4}$  Sec. Standard

Cor. dug pits pits  
 $18 \times 18 \times 12$  ins. E. and N.

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 over it.  
 In E. pit: drove  
 stake 2 ft. long 2 ins.  
 or 12 ins. in the ground

6th Standard Parallel St.  
through R. 17 E.  
Chains.

5400 marked "4 S. S. E. on N. face  
Set a post 4 ft. long  
4 ins. sq. with marked  
stone 12 ins. in the  
ground for Standard  
Cor. to Secs. 34 and 35  
marked S. E. T. 25 - St.  
R. 17 E. on St. S. 35 on E.  
and S. 34 on N. face.  
with 4 notches on N. and  
2 notches on E. face. depth  
18 x 18 x 12 ins. <sup>15 x 15</sup> of post <sup>5 1/2</sup> ft. dia.  
and <sup>1</sup>/<sub>2</sub> cord a mound  
of earth 2 ft high 4 1/2  
ft. base around post  
and very gently rolling  
Soil 3 rd. rate  
Good Sacaton & grass  
Some cacti.

6th. Standard Small N.  
 Chains through Range 17 E.

East on S. boundary of Sec. 30  
 Va.  $\gamma 30^{\circ} E$ .

Passed over gently rolling  
 land.

4000

Deposited marked  
 stone 12 ins. in the  
 ground for  $1/4$  Sec. Stan-  
 dard Co. dug pits  
 $18 \times 18 \times 12$  ins. E. and W.  
 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 over it.  
 Dug E. pit drove stake  
 2 ft. long 2 ins. sq.  
 12 ins. in the ground  
 marked  $1/4$  S. S. C. on  
 N. face



0th Standard Parallel St. through  
Range 17 E.  
Chains

8000 Set a post 4 ft. long 4 ins.  
sq. with marked stone 12  
ins. in the ground for  
Standard Cor. to S.W.  
35 and 36 marked  
S. O. T. 25 St. R. 17 E.  
S. 36 on E and S. 35 on  
N. face with 5 notches  
on N. and 1 notch on  
E. faces. dug pits  
18 x 18 x 12 ins. Et. E. and  
N. of post 5 1/2 ft. dist  
and raised a mound  
of earth 2 ft. high 4 1/2 ft.  
diam around post.  
Surface gently rolling  
Soil 3rd. rate  
Good grass, and some  
oak brush.

6th. Standard Parallel St.  
 through Range 17 E.  
 Chain

East on South Boundary  
 of Sec. 30  
 Va. 13° East.

40.00 Descend over rolling land  
 Deposited marked  
 stone 12 ins. in the  
 ground for 1/4 Sec. Stan-  
 dard Cor. dug pit  
 18x18x12 ins. E. and N.  
 of stone 5 1/2 ft. dist.  
 and raised a mound  
 of earth 1 1/2 ft. high 3 1/2  
 ft. tree over it.

In E. pit. drove stake  
 2 ft. long 2 ins. sq. 12 ins.  
 in the ground marked  
 1/4 S. S. C. on N. face

8000 Set a post 4 1/2 ft.  
 long 4 ins. sq.

W. St. Standard Parallel St.  
 through Range 17 E.  
 Chains

with marked steel  
 12 ins. in the ground  
 for Standard ~~Sec.~~ Cor.  
 To Sps. 25 St. R. 17 and 18  
 E. marked

S. S. J. 25 St. on St.

R. 18 E. <sup>S 31'</sup> on E. and

R. 17 E. <sup>S 36'</sup> on N. face. with  
 4 notches on St. E. and N.

face. dug pits  $24 \times 18 \times 12$  <sup>crosswise</sup>

on each <sup>line</sup> ins. St. E. & N. of post.

4 ft. dist. and raised

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

Surface rolling  
 Soil 3rd. rate

Good grass

Sept. 18th. 1852



12  
 5th. Standard parallel N. through  
 Range, 16 E.  
 Chains

I now return to the  
 Cor. to Tps. 25 N. R.  
 16 and 17 E. which was  
 recently established by me  
 ✓ Thence, I run West on  
 a true line on the  
 S. boundary of Sec. 36  
 Va. 130° 30' E.

Ascend gradually over  
 rolling ground

40.00

Set a lime stone, 19 x 10 x 10 ins., 14 ins.  
 in the ground for  $\frac{1}{4}$  Sec. <sup>Stand</sup> Cor. marked  $\frac{1}{4}$  S. on N.  
 face, dug pits 18 x 18 x 12 ins. S and N.  
 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. alongside.

80.00

on N.

Set a Sand stone, 5 x 2 x 6 ins., 10 ins. in  
 the ground for <sup>Stand</sup> Cor. to Secs. 35 and 36 marked S. 6  
 with 5 notches on W. and 1 notch on E. edges,  
 dug pits 18 x 18 x 12 ins. N.E. & W. along  $\frac{1}{4}$  ft.  
 dist. and raised a mound of earth 2 ft. high,  
 1 ft. base. alongside.

6th. Standard Parallel St. through  
Range 16 E  
Chains.

4 1/2 ft. base along side  
Surface gently rolling  
Soil Ford. into  
good grass

Met on true line on the  
S. boundary of Sec. 35.  
No. 18° 30' E.

Acres gradually over  
rolling ground

4000

Set a lime stone, 14 x 10 x 4 ins., 9 ins.  
in the ground for <sup>Stand.</sup> 1/2 Sec, Cor, marked 1/2 S. on St.  
face, dug pits 18 x 18 x 12 ins. E. and W.  
of stone 5 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high. 3 1/2 ft. base. alongside.

8000

on st.

Set a Sand stone, 21 x 21 x 8 ins., 10 ins. in  
the ground for <sup>Stand.</sup> Cor, to Secs, 34 and 35 marked S.C.  
with 4 notches on W and 2 notch 10 on E. edges,  
dug pits 18 x 18 x 12 ins. in N.E. and W. of stone 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high.

6th Standard Parallel St.  
 through Range 16E.  
 Chain

412 ft. base along side  
 Surface gently rolling  
 Soil sandy 3rd. rate  
 Good grass scattering  
greasewood and sagebrush

Met on the South  
 bound. of S. 34

Var.  $13^{\circ}30' E.$

Ascend over rolling ground

4000.

Set a sand stone  $\frac{1}{6} \times 10 \times 6$  ins., 11 ins.  
 in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  S on St.  
 face, dug pits  $18 \times 18 \times 12$  ins. E. and W.  
 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. alongside.

4115 Top of spur br. St. and  
 S. and descend

8000

Set a post 4 ft. long 4 ins. square, with marked  
 stone, 18 ins, in the ground for  $\frac{1}{4}$  Sec, to S, Cor, to S, Secs,



6th standard Parallel St.  
through Range 16E.  
Chain

33 and 34 marked  
S. 34 T. 25 N. R. 16 E. on St.  
S. 34 on E. and S. 33  
on N. faces. with 3 notches  
on E. and N. edges.  
dug pits 18x18x12 ins. on  
E. and N. of post. 5 1/2  
ft. dist. and raised a  
mound of earth 2 ft. high  
4 1/2 ft. base around post.  
Surface gently rolling  
Soil sandy. 2nd rate  
Good grass scattering grass  
wood and sage brush

Met on S. frond. of  
Sec. 33

Ca. 13° 30' E.

Descend gradually

6th standard Parallel N.  
through Range 16 E.  
Chains

26.20 Gross wash 18 buiks wide  
Co. S. 30° N. and ascend

4000 Set a sand stone, 19 x 17 x 16 ins., 4 ins.  
in the ground for <sup>Stand.</sup> Sec. Cor, marked  $\frac{1}{2}$  S. on N.  
face, dug pits 18 x 18 x 12 ins. E. and N.  
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 alongside.

5 500 Set a sand stone 14 x 8 x 6 ins., 9 ins. in  
the ground for <sup>Stand.</sup> Cor. to Sec. 22-23 marked S. 6.  
on N. with 2 notches on N. and 4 notches on E. edges,  
dug pits 18 x 18 x 12 N.E. and W of stone,  $5\frac{1}{2}$  ft.  
dist. and raised a mound of earth 2 ft. high.  
 $4\frac{1}{2}$  ft. base. alongside.

Land gently rolling  
Soil 3rd. rate and 4th rate  
Good grass

Met on the South  
boundary of Sec. 22.

6th Standard Parallel St.  
Chain through Range 16 E.

Ca.  $13^{\circ} 30' E$ .

Proceed over rolling ground

40.00 Set a sand stone,  $4 \times 5 \times 6$  ins., 9 ins. in the ground for <sup>stand</sup>  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  Sec on St. face, dug pits  $18 \times 18 \times 12$  ins. E. and W. 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. alongside.

80.00 Set a sand stone  $5 \times 7 \times 7$  ins., 10 ins. in the ground for <sup>stand</sup> Cor, to Secs, 31 and 32 marked S.E. with / notch on W, and 5 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. N.E. & W. of about  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Surface pretty rolling  
Soil 2nd and 4th rates  
Good grass



6th Standard Parallel St. through  
 Chains Range 16 E.

Met on the South front  
 of Sec. 31

Pa.  $130^{\circ}30' E$

Ascend over rolling ground

4900

Set a sand stone,  $26 \times 13 \times 5$  ins.  $20$  ins.  
 in the ground for  $\frac{1}{4}$  Sec. <sup>Stand.</sup> Cor, marked  $\frac{1}{4}$  S. on N.  
 face, dug pits  $18 \times 18 \times 12$  ins. E. and W.  
 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. alongside.

5000

Begin to descend gradually

5000 X

Set a sand stone  $40 \times 20 \times$   
 $6$  ins.  $30$  ins. in the ground  
 for Standard Cor. to Tpa.  
 $25$  St. R. 15 and 16 E.

marked S. on N. face

~~R. 14 E. S. 31 on E. R. 15~~

~~E. S. 36 on N. face.~~

with 6 notches on N. E. and  
 N. face. digging pits

6th. Standard Parallel. N. through  
 Chain Range 15 E.

24 X 18 X 12 ins. crosswise on  
 each line N, E. and N.  
 of stone 6 ft. dist. and  
 raised a mound of  
 earth 2 1/2 ft. high off.

face along side  
 Surface gently rolling  
 Soil 2nd. and 4th date  
Good grass

From the <sup>Standard</sup> Cor. to Sta. 25  
 N. R. 15 and 16 E. just  
 established by me I run  
 West on a true line on  
 the S. bound. of Sec. 36  
 Va. 13° 20' E.

Descend gradually  
 over rolling surface.

6th. Standard Parallel N. through  
Range 15-E.  
Chains

4 000 Set a sand stone <sup>27</sup> x <sup>15</sup> x <sup>8</sup> ins. <sup>19</sup> ins.  
in the ground for  $\frac{1}{4}$  Sec. <sup>Stand</sup> Cor, marked  $\frac{1}{4}$  on N.  
face, dug pits 18 x 18 x 12 ins. E and W.  
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. alongside.

8 000 Set a Sand stone <sup>30</sup> x <sup>20</sup> x <sup>4</sup> ins. <sup>22</sup> ins. in  
the ground for <sup>Stand</sup> Cor, to Secs, 35 and 36 marked S. 6.  
on N. with 5 notch on W. and 1 notch on E. edges,  
dug pits 18 x 18 x 12 ins. N.E. & W. of stone  $5\frac{1}{2}$  ft.  
dist. and raised a mound of earth 2 ft. high.  
 $4\frac{1}{2}$  ft. base. alongside.

Surface quite rolling  
Soil 2nd. & 3rd sandy  
Grass light.

Met on S. bound. of Sec. 35  
Va.  $13^{\circ} 30' E.$   
Over level land.



6th Standard Parallel St.  
 through Range 15 E.  
 Chain

40.00 Set a sand stone,  $20 \times 10 \times 4$  ins.,  $15$  ins. in the ground for  $\frac{1}{4}$  Sec, <sup>3<sup>rd</sup> line</sup> Cor, marked  $\frac{1}{4}$  S. on St. face, dug pits  $18 \times 18 \times 12$  ins. E. and W. 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. alongside.

67.10 Error wask 20 links wide  
 Co. S.  $80^\circ$  W. and  
 accend gradually

8 0.00 Set a sand stone  $20 \times 10 \times 4$  ins.,  $15$  ins. in the ground for <sup>2<sup>nd</sup> line</sup> Cor, to Secs, 34 and 35 marked S.E. with 4 notches on W. and 2 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. N.E. + W. of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Surface level  
 Soil 3<sup>rd</sup> rate  
 Good grass  
 Scattered sage brush

6th. Standard Parcelled St.  
 through Range 15 E.  
 Chain

Met on S. bound. of Sec.  
 34

No. 130 30' E.

Over level land

40.00

Set a ~~caud~~ <sup>Standard</sup> stone, 20 x 15 x 4 ins., 10 ins. in the ground for  $\frac{1}{4}$  Sec., Cor., marked  $\frac{1}{4}$  S. on St. face, dug pits 18 x 18 x 12 ins. E. and N. 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. alongside.

80.00

on St.

Set a ~~caud~~ <sup>Standard</sup> stone, 22 x 12 x 4 ins., 10 ins. in the ground for Cor., to Secs, 33 and 34 marked S. O. with 3 notches on W and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. N.E. & N. get on  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Surface slightly rolling  
 Soil 3rd. rate  
 Good grass

6th. Standard Parallel N.  
 through Range E.  
 Chains

Post on S. bound. of Sec. 33.  
 Va.  $12^{\circ}30'E$ .  
 Good level land

4000

Set a sand stone,  $20 \times 10 \times 4$  ins.  $10$  ins.  
 in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  <sup>Stone</sup> ~~Sec~~  
 face, dug pits  $18 \times 18 \times 12$  ins. and  
 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. alongside.

8000

Set a sand stone  $30 \times 20 \times 4$  ins,  $20$  ins. in  
 the ground for <sup>Post</sup> Cor, to Secs, 32 and 33 marked S.C.  
 with 2 notch ~~on~~ on W. and 4 notch ~~on~~ on E. edges,  
 dug pits  $18 \times 18 \times 12$  ins. N.E. ~~of~~ <sup>of</sup> ~~the~~  $5\frac{1}{2}$  ft.  
 dist. and raised a mound of earth 2 ft, high.  
 $4\frac{1}{2}$  ft. base. alongside.

Surface level  
 Soil 3 rd. rate  
 Good grass.



10th Standard Parallel N.  
through Range 15 E.  
Chains

Met on the S. bound.  
of Sec. 32.

Pa. 13° 30' E.

Bound gradually

40.00

Set a sand stone, 17 x 12 x 4 ins., 1/2 ins.  
in the ground for <sup>Stand.</sup> 1/2 Sec., Cor., marked 1/2 S. on N.  
face, dug pits 18 x 18 x 12 ins. E. and N.  
of stone 5 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high, 3 1/2 ft. base. alongside.

80.00

Set a sand stone, 8 x 2 x 7 ins., 1/2 ins. in  
the ground for <sup>Stand.</sup> Secs. 31 and 32 marked S.C.  
with 1 notch on N. and 5 notch 10 on E. edges,  
dug pits 18 x 18 x 12 ins. N.E. & N. of about 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high,  
4 1/2 ft. base. alongside.

Surface level and rolling  
Soil 3rd. rate  
Good grass

6th Standard Parallel St.  
through Range 15 E.  
Chambers

Met on the S. bound. of  
Sec. 31

Co. 100 30° E.

Dug gradually

4000

Set a sand stone,  $10 \times 12 \times 7$  ins., 11 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  S. Cor St.  
face, dug pits  $18 \times 18 \times 12$  ins. E. and W.  
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.  $\frac{1}{2}$  on N. side.

8000

Set a cottonwood post  
 $4\frac{1}{2}$  ft. long 4 ins. off  
with marked stone  
12 ins. in the ground  
for Standard Cor. to  
Sp. 25 N. R. 14 and  
15 E. marked  
S. C. S. 25 N on N.  
R. 15 E. S. 31 on E. and  
R. 14 E. S. 36 on N. face

6th Standard Parallel or  
Chains through Range 10 E.

with 6 sockets, on N. E.  
and N. face. dig pits  
24 x 18 x 12 ins. crosswise  
on each line N. E. and N.  
of post 6 ft. dist. and  
raised a mound of  
earth 2 1/2 ft. high of 5 ft.  
base around post.  
Surface nearly level  
Soil about 3rd. rate  
Good grass, some sagebrush  
and greasewood.

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I carefully examined the  
adjustments of my Solar  
Compass to day partic-  
ularly the latitude and  
reversing apparatus and  
found them correct. Sep. 19, 1882.



For final notes see Book No 20.

No. 1245

BOOK

1245

27

U. S. Surveyor General's Office,  
Tucson, Arizona, July 21, 1883

The foregoing Field Notes of the survey of the  
6<sup>th</sup> Standard Parallel north  
through Ranges 15, 16 & 17  
East

of the Gila and Salt River Base and Meridian, Arizona,  
executed by O. D. Wheeler,  
D. S., under his contract of the 5<sup>th</sup> day of  
August, 1882, having been critically ex-  
amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

J. M. Fortson

Surveyor General.