

Book No. 1

BOOK 1481

E.C.C.

See Index

# Field Notes

## 1481

OF THE SURVEY OF

Third Standard Parallel South

Through Ranges 29-30-31  
and 32 East

BOOK 1481

## 1481

*Gila and Salt River Base and Meridian*

### ARIZONA.

By R. B. Powers D. S.

under contract dated Feb 27, 1883

Survey commenced Mar 9, 1883.

Survey completed Mar 10, 1883.

1481

closed

20  
5  
15

Book No. 1481

3<sup>d</sup> Standard South

BOOK 1481

Index	Pages
3 <sup>d</sup> Standard, through R 29 E.	1 to 5
" " " " R 30 E.	5. 15
" " " " R 31 E.	15. 25
" " " " R 32 E.	26. 36

3<sup>d</sup> St. Pav. S. bet. Rs. 15 & 16.

31	32	33	34	35	36	R. 29 E.
				2	2	
6	5	4	3	2	1	R. 30 E.
31	32	33	34	35	36	
5	7	9	10	12	14	R. 30 E.
6	5	4	3	2	1	R. 31 E.
31	32	33	34	35	36	
15	17	19	20	22	24	R. 31 E.
6	5	4	3	2	1	R. 32 E.
31	32	33	34	35	36	
26	27	29	31	33	34 May.	R. 32 E.
6	5	4	3	2	1	

1A

Preliminary Oaths of Assistants.

We C. C. McKinney  
and C. C. Cole

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability and in accordance with instructions given us in the survey of the

Exterior boundary and  
sub divisions lines of Tps  
13 S. Ranges 29, 30 & 31, East - Tps 14  
S. Ranges 30, 31 & 32 2 + Tps 15 S. Ranges 31 & 32 E

of the principal base and meridian in the Territory of Arizona.

C. C. McKinney Chainman.  
C. C. Cole Chainman.

Subscribed and sworn before me, this 9<sup>th</sup>

day of March 1883

R. C. Powers  
Notary Public.



We *Wm Monk* and  
*D. W. Duncan*

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

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

in the survey of the *Exterior boundary*  
*and Subdivision lines*

*Trps. 13 South Ranges 29, 30 & 31 East -*

*Trps 14 S. Ranges 30, 31 & 32 East -*

*Trps 15 S. Ranges 31 & 32 East -*

of the principal base and meridian in the Territory of Arizona.

*Wm Monk*  
*D. W. Duncan*

Subscribed and sworn to before me this *9<sup>th</sup>*

day of *March* 188*3*

*R. P. Powell*  
Notary Public.



Preliminary Oaths of Assistants.

We J. W. Coates  
and Jack Wood

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability and in accordance with instructions given us in the survey of the

Exterior boundary and Sub-division  
lines of Tps. 13 S. Ranges 24. 30  
31, <sup>35</sup> East - Tps. 14 S. Ranges 30, 31 &  
32 E. & Tps 15 S. Ranges 31 & 32 East -

of the principal base and meridian in the Territory of Arizona.

J. W. Coates Chainman.  
Jack Wood Chainman.

Subscribed and sworn before me, this 9<sup>th</sup>

day of March 1883

R. C. Powers  
Notary Public.

We Murray Davis &  
A. L. Blankinship

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

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

in the survey of the Exterior boundary  
and sub-division lines of Tps.

13. S. Ranges, 29, 30 & 31. 32 East -

Tps. 14. S. Ranges, 30, 31 & 32 East -

& Tps. 15. S. Ranges, 31 & 32 East -

of the principal base and meridian in the Territory of Arizona.

Murray Davis  
A. L. Blankinship

Subscribed and sworn to before me this 9<sup>th</sup>  
day of March 1883

R. C. Powers  
Notary Public.

No. 9. John B. Smith

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

~~in the establishment of corners and other duties~~ according to  
instructions given ~~us~~ <sup>me</sup> and to the best of our skill and ability,

the survey of the Exteriors and Subdivisions  
of Tps 13 S. Rs 29-30+31+32 E  
Tps 14 S. Rs 30, 31+32 E and  
Tps 15 S. Rs - 31+32 E -

of the principal base and meridian in the Territory of Arizona.

John B. Smith  
Compassman

Subscribed and sworn to before me this 9<sup>th</sup>

day of March 1883

R. C. Powers  
Notary Public.

*Johnston B. McLaughlin -*

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

*establishment of corners and other duties according to the instructions given us, and to the best of our skill and ability, in the survey of the*

*Sections 13 S. Rs 29-30-31 & 32 E -  
14 S. Rs. 30-31 & 32 E - and  
15 S. Rs. 31 & 32 East.*

*the principal base and meridian in the Territory of Arizona.*

*Johnston B. McLaughlin  
Compassman -*

*Subscribed and sworn to before me this 9<sup>th</sup>  
of March 1883*

*R. C. Poyner  
Notary Public.*



Third Standard Parallel South  
through Range 29 E - T & S. R. M -

Survey commenced  
Mch 9<sup>th</sup> 1883 -

Survey made with  
a Burt's Improved Solar  
Compass - in first rate  
order - made by John  
Roach of San Francisco  
in 1881. Instrument  
was tested on the True  
Meridian at Tucson  
in Mch 1883 and found  
to be in perfect order  
and adjustment -

From the Standard  
box to Secs. 34 and 35 on  
S. By of Tp. 15 S. R. 29 E -  
which is a granite  
stone - set firmly in  
the ground marked S.C.

3<sup>d</sup> Standard South - through R. 29 E

Chs-

with 2 notches on E &  
4 notches on Wedges  
and pits N. E & W of stone  
5 1/2 ft. dist. and a mound  
of earth alongside

X R.D. run east on S. By  
of Sec 35-

10.00  
40.00

Base of Chiricahua Mts. ascend E. W. slope  
to a granite stone

16 x 12 x 8 ins 12 ins in

the ground for standard  
1/4 sec cor. - marked S.C.

1/4 on N. face - Dred raised  
a mound of stone alongside  
Pits unpracticable

5-8.5-0

Top of Mtn ridge has  
N 25° W - S 25° E & extends  
S. E to main range - about  
1200 ft. high

5-9.00

Descend N. E. slope

3<sup>d</sup> Standard South through Reg 2 -

Obs -

80,000

of mtn -  
 Set a granite stone  
 18 x 12 x 6 ins 12 ins in the  
 ground for standard Cor-  
 No Secs 35 + 36 - marked  
 S.C. with 5 notches on W  
 and 4 notches on E edges -  
 and raised a mound  
 of stone 2 ft. high 4 1/2 ft.  
 base alongside, Pit's unpracticable  
 surface mountainous  
 Soil rocky 4<sup>th</sup> rate  
 No timber

---

East on S. By Sec 36 -  
 Tra 130° 25' E

8,000

Descending  
 Foot of mtn cañon -  
 hrs N 26° E

3<sup>d</sup> Standard South through R 29 E

Chs-

- |       |  |
|-------|--|
| 9.00  | Ascend S. W. slope of Mtn -  |
| 38.00 | Top of Mtn hrs N 30° W & S 30° E -- descend N. E. slope -  |
| 40.00 | Set a porphyry stone 18 x 10 x 8 ins 12 ins in the ground for standard 1/4 sec Cor. marked S. C 1/4 on N. face and raised a mound of stone alongside. Pits impractical here. |
| 63.00 | Foot of Mtn - Enter valley -   |
| 71.30 | Cross creek 4 lbs wide course N 18° W -  |
| 74.00 | Base of Mtn and ascend S. W. slope -   |
| 80.00 | Set a granite stone 14 x 12 x 11 ins 9 ins in the ground for -   |



5<sup>0</sup> Standard South through R 29 E

Obs.

Standard Cor. to Tps 15  
S. R. 29 + 30 E. marked S.C.  
with 6 notches on N. E + W.  
edges - and raised a mound  
of stone alongside, Pits  
impracticable -

Surface mountainous  
Soil 4<sup>th</sup> rate, rocky -  
No timber nor grass

x

3<sup>2</sup> Standard South through R 30 E.

From the Standard  
Cor. to Tps 15 - S. R. 29  
+ 30 E. just established  
I run East on S. Bay  
of Sec 31

ba 13° 25' E

Ascending W. slope of  
Mtn -

4000

Set a granite stone

3<sup>d</sup> Standard South through R 30<sup>th</sup>

Chs-

16 x 14 x 12 ins 11 ins in  
the ground for Standard  
1/4 Sec Cor. marked S. C  
1/4 on N. face and raised  
a mound of stone alongside  
Pits impracticable -  
from which San Simon  
Head hrs S. 80° E. about  
80 chs distant -

80.00

Set a granite stone  
18 x 12 x 10 ins 12 ins  
in the ground for  
Standard Cor. to Sec.  
31 & 32 - marked S. C.  
with 1 notch on N  
and 5 notches on E  
edges - and raised a  
mound of stones  
alongside, Pits impracticable -

3<sup>d</sup> Standard South through R 30 E.

Obs-

Surface mountainous  
Soil 4<sup>th</sup> rate, rocky.  
Timber scattering Pine  
and cedar.

---

East on S. By. Sec  
32 -

to  $13^{\circ} 25' E$

Ascend S. W. slope of  
mtn

5.00 Top of mtn has N. W.  
on S E  $18^{\circ}$  about 1400  
ft. high - connects with  
main range on S. E.

7.00 Descend N. E slope -

40.00 Set a granite stone  
18 x 12 x 8 feet 12 ins in  
the ground for standard  
1/4 Sec Cor. marked -

3<sup>d</sup> Standard South through R 30 E

Chs.

	S. C. $\frac{1}{4}$ on N. face - and raised a mound of stone alongside - Pits impracticable
52.00	Foot of Mtn - enter narrow valley -
58.20	Cross creek 3 fms. wide course $\frac{1}{4}$ 15° W <sup>4 over low ridge</sup>
63.28	Cross creek 4 lbs wide course $\frac{1}{4}$ 18° W -
71.50	Base of Mtn + ascend
80.00	Set a granite stone 18 x 12 x 8 ins 12 ins in the ground for Standard Cor. No sees 32 + 33 marked S, C, with 2 notches on N and 4 notches on E edges and raised a mound of stone alongside pits impracticable -



3<sup>o</sup> Standard South through R 30 E

Obs.

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

Timber scattering pine & cedar

---

East on S. By Sec 33

of 13° 25' E

Ascend S. W. slope of Mtn.

40.00

Set a granite stone

16 x 12 x 8 ins 11 ins in

the ground for standard

1/4 Sec 30, marked S. C

1/4 on N. face and raised

a mound of stone alongside

Pile impracticable -

43.00

Top of Mtn. - hrs N + S -

This is the main range

of the Chiricahua mountains

about 2000 ft. in height.

3<sup>d</sup> Standard South through  
 Range 30 E. G + S. R. M.  
 Chs.

47,00 Descend E slope of Mtn -

73,00 Descend N. E slope of  
 Mtn ridge base which  
 extends N 84° E -

80,00 Set a granite stone  
 18 x 12 x 8 ins 12 ins in  
 the ground for Standard  
 Cor. 16 Secs 33 + 34 marked  
 S.C., with 3 notches on  
 E + W edges and raised  
 a mound of stone alongside  
 Pits impracticable  
 surface mountainous  
 and broken -

Soil rocky 4th rate  
 scattering Pinon brush

---

East on S. Bay Sec

3<sup>d</sup> Standard South through  
 Range - 30° E - G. S. R. M.  
 us -

34

to a 13° 25' E

Descend along N. E slope  
 of Mtn ridge + over smaller  
 ridges extending north -

8,00 Back of Mtn ridge + ascend

22,76 Top of ridge bet N + S -  
 1500 ft. high -

40,00 Set a granite stone  
 18 x 12 x 8 ins 12 ins in  
 the ground for Standard  
 1/4 Sec Cor, marked S. C  
 1/4 on N. face and raised  
 a mound of stone alongside -  
 Pile impracticable -

80,00 Set a granite stone 14 x 12  
 x 8 ins of ins in the ground  
 for Standard Cor. to Secs  
 34 and 35 - marked S. C  
 with 4 notches on W

3<sup>d</sup> Standard South through R 30 E

Obs-

and 2 nolets on E  
edges and raised a  
mound of stone  
along side, Pits  
unpracticable  
Surface mountainous  
Soil 4<sup>th</sup> rate, rocks  
Scattering Cedar-

East on S. By. Sec 35  
to 130 25' E

Descend E slope of Mtn -  
Foot of mtn -

8.00

9.00

11.40

Ascend W. slope of ridge -  
Top of Mtn hrs 1810 E -

800 ft. high & descend  
N. E. slope -

40.00

Set a granite stone



3<sup>d</sup> Standard S. through R 30 E.

Chs.

18 x 12 x 8 ms 12 ms in  
the ground for Standard  
1/4 Sec Cos. marked S.C.  
1/4 on N. face - and raised  
a mound of stone alongside  
Pits impracticable.

68.00 Foot of Mtn - enter  
valley - Dense cat's claw  
brush -

80.00 Set a granite stone 18 x 14  
x 10 ms 12 ms in the  
ground for Standard Cos -  
No Secs 35 + 36 marked  
S.C. with 5 notches on  
W and 1 notch on E  
edges - and raised a  
mound of stone alongside.  
Pits impracticable.  
Surface mountainous -  
Soil 3<sup>d</sup> rate

3<sup>d</sup> Standard S. through R 30 E

Obs-

Batsclaw and live  
oak brush - in the  
valley

---

East on S. By Sec 36.  
bd  $13^{\circ}25'E$ .

15.60<sup>o</sup> Cross China creek 15 lbs  
wide course of fine water

40.00 Set a granite stone  
 $14 \times 10 \times 8$  ins  $9$  ins in  
the ground for Standard  
 $\frac{1}{4}$  Sec Cor. marked S. C  
 $\frac{1}{4}$  on N. face - and raised  
a mound of stone alongside  
Pile impracticable

80.00 Set a granite stone  
 $12 \times 10 \times 8$  ins  $8$  ins in  
the ground for Standard

3<sup>d</sup> Standard S. through R 30 E

Chs-

Cor. to Sp 15 S. R -  
30 + 31 E. marked S. C.  
with 6 notches on N. E  
& W. edges - and raised  
a mound of stone alongside  
Pits impracticable -

---

3<sup>d</sup> Standard S. through  
Range 31 E.

From the Standard Cor -  
to Sp 15 S. R 30 + 31 E -  
just established - Iron  
S on S. By - See 31 -  
to a 150 25' E -

4000 Deposited marked stone  
12 ins in the ground for -  
Standard 1/4 Sec Cor - Dig  
pits 18 x 18 x 12 ins E + W of

3<sup>d</sup> Standard & through R 31 E.

Chs-

of about 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 S. 6 1/4 S of N. face.

70.75

Cross road has N. W. S. E.

80.00

Deposited a marked <sup>stone</sup> 12 ins in the ground for Standard Cor to be 31732 - dug pits 18 x 18 x 12 ins N. E. & W. of Cor 5 1/2 ft. dist. and raised a mound of earth 2 ft high 4 1/2 ft. base over it. In E pits drove a stake 2 ft. long 2 ins sq. 12 ins in



3<sup>d</sup> Standard S. through R 31 E

obs-

the ground marked -  
 S. C. 15 S. R. 31 E on N.  
 S. 31 on W + S. 32 on E faces -  
 with 1 notch on W + 5 notches  
 on E faces

Surface level

Soil, strata

Dense calceolaria brush

Good grass

E on S. By Sec 32

to a 13° 25' E.

40,00

Deposited a marked  
 stone 12 ins in the ground -  
 for Standard 1/4 Sec Cbr -  
 dug pits 18 x 18 x 12 E + W  
 of Cor 5 1/2 ft. dist - and raised  
 a mound of earth 1/2 ft.  
 high 3 1/2 ft. base over it

3<sup>d</sup> Standard S. through R 31 E

Obs -

80.00

In E pit drove stake  
2 ft. long 2 ins sq - ~~was~~  
12 ins in the ground marked

S. C. 1/4 S on W face -

Deposited marked stone  
12 ins in the ground for  
Standard Cor. to becs 32 & 33 -

drug 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 over it!

In E  
pit drove stake 2 ft.  
long 2 ins sq. 12 ins in  
the ground marked -

S. C. 1/4 S. R 31 E on N -

S 33 on E & S 32 on W faces -  
with 2 notches on W  
and 4 notches on E  
faces -

3<sup>d</sup> Standard S. through R. S. E.

chs -

Surface level  
Soil, 1<sup>st</sup> rate  
Dense catclaw and  
mesquite brush -

---

E, on S. By - See 33 -  
to 13025' E

14.85 Cross Road hrs N + S -

40.00 Set a granite stone

14 x 12 x 8 ins & ins in  
the ground for Standard  
1/4 Sec Cor. marked S C  
1/4 on N. face and  
raised a mound of  
stone alongside, pits impracticable.

80.00

Set a granite stone  
12 x 10 x 8 ins & ins in the  
ground for Standard  
Cor. to Secs 33 & 34 -

3<sup>d</sup> Standard S. through R. 31 E  
Obs

marked S. C. with  
3 notches on E & W-  
edges. Dug pits 18 x 18 x  
12 ins N. E & W of stone  
5 1/2 ft. dia. and raised  
a mound of earth 2 ft.  
high 4 1/2 ft. base alongside -  
Surface level  
Soil 2<sup>nd</sup> rate

Dense catclaw and  
grease wood brush -  
\_\_\_\_\_

E on S. By Sec. 34.

to 13025' E

22.82

Cross road bet N. E -  
S. W.

40.00

Deposited marked  
stone 12 ins in the ground  
for Standard 1/4 Sec Cor.



3<sup>d</sup> Standard S. through R 3, E

cls -

Dug pits 18 x 18 x 12 ins  
E & W of stone 5 1/2 ft. dist.  
and raised a mound of  
earth 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  
S.C. 1/4 S on N. face -

80.00

Deposited marked stone  
12 ins in the ground for  
Standard Co. for lines 30 & 35  
dug pits 18 x 18 x 12 ins N  
& W of stone 5 1/2 ft.  
dist. and raised a mound  
of earth 2 ft. high 4 1/2 ft.  
base over it - In E  
pit - drove stake 2 ft.  
long 2 ins sq - 12 ins in the  
ground - marked

3<sup>d</sup> Standard S. through R 31 E

Chs-

S  
S. C. 5 1/4 N. R 31 East  
S 35 on E + S 34 on  
W. faces with 2 notches  
on E + 4 notches on W  
faces -

Surface level  
Soil 1<sup>st</sup> rates  
Dense greasewood  
and calceolaria brush -

---

See S. By Sec 35 -  
Va 13925' E

40.00

Set a post 3 ft. long  
3 ins sq. with marked  
stone 12 ins up the  
ground for Standard  
1/4 Sec Cor. marked  
S. C 1/4 S on N. face -  
Dig pits 18 x 18 x 12 ins

3<sup>d</sup> Standard S. through R 31 E

cls -

80,00

E + 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 alongside -

Set a volcanic stone

$12 \times 11 \times 7$  ins & ins in  
the ground for Standard  
Cor. to Sies 35 + 36 marked  
S. C. with 1 notch on E

+ 5 notches on Wedges -

- 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 1<sup>st</sup> rate

Dense mesquite &

greasewood brush

Good grass

3<sup>d</sup> Standard S. through R 31 E

Obs-

E on S. By Sec 36-

$\nabla \approx 150^{\circ} 25' E$

40,000 Deposited marked  
stone 12 ins in the ground  
for Standard  $\frac{1}{4}$  Sec. Corf -  
Dug pits  $18 \times 18 \times 12$  ins E  
x  $\nabla$  of stone  $5\frac{1}{2}$  ft. dia -  
and raised a mound of  
earth  $\frac{1}{2}$  ft. high  $5\frac{1}{2}$   
ft. base over it -

In E pit drove stake  
2 ft. long 2 ins sq 12  
ins in the ground -  
marked S.C.  $\frac{1}{4}$  S on  
N. face -

80,000 Deposited marked  
stone 12 ins in the ground  
for Standard Sp. Corf to  
Sp 15 N, R 31 E 32 E -  
Dug pits  $24 \times 18 \times 12$  ins



3<sup>d</sup> Standard S. through R 31 E

Obs-

crosswise on each line  
 N. E + W of stone - 6 ft.  
 dist. and raised a mound  
 of earth 2 1/2 ft. high 5 ft.  
 base over it. In E  
 pit drove stake 2 ft. long  
 2 ins sq - 12 ins in the  
 ground - marked -

S. 6. S 15 S. on N.

R 32 E, S 31 on E and

R 31 E, S 36 on W. faces -  
 with 6 notches on N. E  
 and W. faces -

Surface level

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

Greasewood & Mesquite  
 brush -

---

3<sup>d</sup> Standard S. through R 32 E

Obs

From the Standard Cor-  
to Sp 15-<sup>S</sup> R 31+32 E  
just established from  
East on S. By Sec 31-  
for  $13^{\circ}25'E$

4000

Set a granite stone  
 $18 \times 12 \times 6$  ins  $12$  ins in  
the ground for Standard  
 $\frac{1}{4}$  Sec Cor. marked S. C  
 $\frac{1}{4}$  on N. face. Dig pits  
 $18 \times 18 \times 12$  ins E + 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 -

8000

Duplicate marked  
stone  $12$  ins in the  
ground for Standard  
Cor- to Secs 31+32 -  
Dig pits  $18 \times 18 \times 12$

3<sup>d</sup> Standard S. through R 32 E

Obs-

mis 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 over it & on E. pit drove stake 2 ft. long 2 mis sq. 12 mis in the ground marked S. C. 51 of N. R 32 E on N S 32 on E & S 31 on W faces, and 5 notches on E & 1 notch on W faces -

Surface sloping to the East -

Soil, 1<sup>st</sup> rate -

Dense greasewood brush & good grass

---

E. on S. By - see 32

3<sup>d</sup> Standard S, through R 32 E

Chs -

Ta. 13025' E

40.00

Deposited marked  
 stone 12 ins in the  
 ground for Standard  
 for Sec Cor. dug pits  
 18 x 18 x 12 ins E & W  
 of stone 5 1/2 ft. disk. I  
 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  
 S. C 1/4 S on N. face

80.00

Deposited marked  
 stone 12 ins in the  
 ground for Standard  
 Cor. to Secs 32 & 33  
 dug pits 18 x 18 x 12



3<sup>d</sup> Standard S. through R 32 E

Obs -

4. E. v. W. of stone  
 5 1/2 ft. dist. and raised  
 a mound of earth 2 ft.  
 high 4 1/2 ft. base over it -  
 D. E. pit drove stake  
 2 ft. long 2 in sq. 12  
 in in the ground  
 marked -

S. C. 5 15 N. R 32 E on N.

S 33 on E and

S 32 on W faces and  
 4 notches on E and 2  
 notches on W. faces -

Surface level

Soil 1<sup>st</sup> rate

Breasewood brush

Good grass

E on S. By Sec 33

3<sup>d</sup> Standard S, through R 32 E

Obs -

V a 13° 25' E -

40,00

Deposited marked <sup>stone</sup> 12  
 ins in the ground for  
 Standard for See Cor -  
 ding pits 18 x 18 x 12 ins  
 E + W of stone. 5 1/2 ft.  
 dia. 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 S. E. 1/4 S on  
 N. face -

80,00

Deposited marked  
 stone 12 ins in the  
 ground for Standard  
 for. to Sides 33 & 34 -  
 Dig pits 18 x 18 x 12  
 ins N. E + W of stone

3<sup>d</sup> Standard S. through R 32 E

chs -

5 1/2 ft. dist, and raised  
a mound of earth  
2 ft. high 4 1/2 ft. base  
over it. In E. pit  
drove stake 2 ft. long 2  
ins sq. 12 ins in the ground  
marked S. C. 5. 5 N. R 32 E  
on N. S 34 on E + S 33  
on W. faces with 3  
notches on E + W faces.  
Surface level -  
Soil 2<sup>nd</sup> rate

Dense catclaw  
and greasewood brush

E on S. By Sec 34 -

va 13025'E -

40.00

Deposited marked stone  
12 ins in the ground

3<sup>d</sup> Standard S. through R 32 E

Obs -

for standard  $\frac{1}{4}$  Sec Co  
 Dug pits  $18 \times 18 \times 12$  ins  
 E + 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. In E pit  
 drove stake 2 ft long  
 2 ins sq - 12 ins in the  
 ground marked S. C  
 $\frac{1}{4}$  S on N. face -

65,00 Cross road hrs S. W  
 and N. E.

80,00 Deposited marked  
 stone 12 ins in the  
 ground - for Standard  
 Co., to S. Sec - 34 + 35 -  
 Dug pits  $18 \times 18 \times 12$   
 ins N. E + W of stone  
 $5\frac{1}{2}$  ft. dist. and raised



3<sup>d</sup> Standard S. through R 32 E

Obs -

a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base  
over it, in E pit  
drove stake 2 ft. long  
2 in sq - 12 in in thf  
ground marked S.C.  
D 15 S. R 32 E on N,  
D 35 on E + D 34 on W  
faces - with 2 notches  
on E + 4 notches on W  
faces -

Surface level  
Soil 1<sup>st</sup> rate  
Greasewood and  
mesquite brush -  
Some grass

---

E on S. By Sec 35 -

∠  $\approx 130^{\circ} 25'$

Standard S. through R 32 E.

Chs-

- 3.00 Cross irrigating ditch  
lies N.
- 8.58 Wire fence bears  $N 15^{\circ} E$  -  
enter swamp -
- 27.37 I intersect the boundary  
line bet. Arizona and  
New Mexico - 17 chs and  
55 lbs S. of the 33<sup>rd</sup> the  
mile Cor. which is a  
granite stone set firmly  
in the ground marked  
33<sup>rd</sup> N of N. A on W. + N W  
on E faces -

At point of intersection  
I set a post  $4\frac{1}{2}$  ft -  
long 4 ins sq. with marked  
stump 12 ins in the ground  
for closing Standard Cor.  
to Sp 15 W. R 32 E. S. 35 -  
marked S. b. b. 5.15 S. R 32 E

3<sup>d</sup> Standard S. through R 32 E

Obs -

on St. A on W & N. Mon E  
 6 notches on N & S faces -  
 and with 5 notches  
 on W faces. Dug pits  
 24 x 18 x 12 ins N. S & W  
 of post crosswise on  
 line 6 ft. dist. and raised  
 a mound of earth 2 1/2  
 ft. high 5 ft. base around post -  
 Surface level

Soil 1<sup>st</sup> rate

Grease wood and  
 mesquite brush -

Some grass -

I carefully examined  
 the adjustment of my  
 Solar Compass to day  
 particularly the latitude  
 and reversing apparatus  
 and found them correct

Mar 10-1882

For final matters  
see book no. 9.



U. S. Surveyor General's Office,  
Tucson, Arizona, April 30, , 1883,

The foregoing Field Notes of the survey of the  
Third Standard Parallel South  
through Ranges 29, 30, 31 and  
32 East

of the Gila and Salt River Base and Meridian, Arizona,  
executed by R. H. Powers,  
D. S., under his contract of the 27<sup>th</sup> day of  
February, 1883, 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. Smith  
Surveyor General.