

No. 1286

BOOK 1286

Book No. 12.

1

See Index  
**Field Notes**

OF THE SURVEY OF

Third Standard Parallel  
North along

BOOK 1286

Townships 13 North

Ranges 28, 29, 30 & 31 E.

Gila and Salt River Base and Meridian

ARIZONA.

No. 1286

By Milton Santee D. S.

Under contract dated Apr. 29 1882.

Survey commenced Sep. 27 1882.

Survey completed Oct. 3 1882.

Corrected notes of Book 1286

1286



Field - Notes  
 of  
 The 3<sup>d</sup> Standard  
 Parallel North along  
 Townships 13 N.  
 Ranges 28, 29, 30 & 31 E.  
 Gila & Salt River  
 Meridian.

→ Resurvey the East 1/2 of R 28 E,  
 also (secs 34, 35, 36)

Through  
 Range E 28 E . . . . . 3  
 " 29 E . . . . . 10  
 " 30 E . . . . . 29  
 " 31 E . . . . . 33

31	52	R28E	33	34	35	36
			4	6	8	
31	52	R29E	33	34	35	36
11	12	14	16	17	19	
31	32	R30E	33	34	35	36
22	24	25	27	29	30	
31	32	R31E	33	34	35	36
33	33	37	39			

Resurvey

BOOK 1286

Third Standard Parallel North through  
Range 28 E, Gila & Salt River  
Meridian

ains

The instrument that I used in making this survey was manufactured by Otto Pennel of Cassel Germany in 1881. and was carefully examined & tested on the true Meridian at Tucson Arizona on the 26<sup>th</sup> day of May 1882. and was also further tested by me, before commencing work and found correct and in perfect adjustment.

On the 5<sup>th</sup> day of June 1882 I set my instrument at the Standard Cor. to Secs 33 & 34 on S. Ry of T. 13 N. R 28 E, examined it and found it

Runway

Third Standard N. through R. 28 E.

chains

correct.

I took the latitude and found it to be  $34^{\circ}26'$  North.

Survey commenced June 5. 1882.

I begin at the Standard cor. to <sup>Secs 33 & 34</sup> Township 13 N. Range 28 E which is a marked stone  $15712 \times 6$  ins. alongside of mound 9 mi East on S. Boundary Sec. 34. along and on the 3<sup>d</sup> Standard North Var.  $14^{\circ}08' E$ .

(as per observation with Solar Compass)  
40.38 To a point 53 lks south of marked stone  $13 \times 10 \times 7$  ins. with stone mound alongside the return course is therefore

Resurvey

Third Standard N. through R. 28 E.

chains

S.  $89^{\circ} 37' W.$  as I have retraced this line for several miles West, and found it to run on about this angle from the  $\frac{1}{4}$  Sec. cor. above described I run.

N.  $89^{\circ} 37' E.$  on S. By. Sec. 34  
33.40 Colorado Chiquito River 50 lks  
wide course North

80.00 After diligent search, being unable to find old corner I set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for Standard Cor. to Secs. 34 + 35. marked S.C. N. 13 N. R. 28 E. on N.

S. 35 on E. and

S. 34 on W. faces, with

Resurvey

Third Standard N. through B. 28 E

chains

S 35 on W. faces, with 1 notch  
on E. and 5 notches on W.  
faces. dug pits 18 x 18 x 12 ins.  
N. E. & W. of post 5 1/2 ft. dist.  
and raised a mound of  
earth 2 ft high 4 1/2 ft. base  
around post.

Land hilly

Soil 3d rate

Timber Scattering Cedar.

N. 89° 37' E. on S. B. sec. 36

Var. 14° 08' E.

over Plain

8.77 Cross Road course N. & S.

4000 After diligent search, being  
unable to find old corner.

Resurvey

Third Standard N. through R. 28 E

chains

I set a cedar Post 3ft. long. 3  
 ins. sq. with marked stone 12  
 ins. in the ground, for Stand.  
 and  $\frac{1}{4}$  Sec. cor. marked. S. C.  
 $\frac{1}{4}$  S. on N. face, dug pits 18" x 18"  
 ins. E. & W. of Post 5  $\frac{1}{2}$  ft. dist.  
 and raised a mound of earth  
 1  $\frac{1}{2}$  ft. high 9  $\frac{1}{2}$  ft. base around  
 post.

T. 72 Cross Road b/w N. W. &amp; S. E.

8000 After diligent search being  
 unable to find old corner I  
 set a cedar Post. 4  $\frac{1}{2}$  ft. long, 4  
 ins. square, with marked stone  
 12 ins. in the ground, for Stand.  
 and township cor. to Tps. 13  
 N. R. 28 & 29 E. marked  
 S. C. T. 13 N. on N.

# Third Standard N. through R 29 E

chains

R 29 E. S 31 on E. and  
 R 28 E. S. 36 on W. faces,  
 with 6 notches on N. E. & W.  
 faces, dug pits 24 x 18 x 12 ins.  
 crosswise on each line, N. E.  
 & W. of post 6 ft. dist. and  
 raised a mound of earth  $2\frac{1}{2}$  ft.  
 high 5 ft. base around post.  
 Land level  
 Soil 3<sup>d</sup> rate  
 Timber Scattering Cedar.

From the Standard, Cor.  
 to Tps 13 N. Rs 28 & 29 E.  
 just now reestablished  
 by me,  
 J mu



## Third Standard N. through R 29 E.

chains

East, on a true line on S. By.  
of Sec. 31. in T<sup>p</sup> 13 N. R. 29 E.  
Var  $14^{\circ} 11' E.$

(as per observation with Solar Compass)

Ascend through scrub timber

40.00 Set a post 3 ft. long, 3 ins. dia,  
with marked stone 12 ins. in  
the ground, for Standard  $\frac{1}{4}$   
Sec. Cor. marked S. C.  $\frac{1}{4}$  S. on  
N face, dug pits  $18 \times 18 \times 12$  ins.

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 around post.

75.00 Top of ridge, b<sup>s</sup> N. W. and S. E.  
and descend

80.00 A Pinel 14 ins. dia. which I  
marked

S. C. T. 13 N. R. 29 E. on N.

# Third Standard N. through R. 29 E

Chains

S. 32 on E. end

S. 31 on W. faces, with 1 notch  
on W. and 5 notches on E. faces,  
dug pits 18 x 18 x 12 ins. N. E. x W.  
of tree 5 1/2 ft. dist. and  
raised a mound of earth  
around tree for Standard  
Cor. to Secs. 31 & 32.

Land mountainous

Soil 2<sup>d</sup> & 3<sup>d</sup> rate

Timber of cedar and Paul  
and undergrowth of sawe  
Vegetation of Bunchgrass.

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East on S. Boundary Sec. 32.

Var. 14° 11' E.

Descend.

## Third Standard N. through R. 29 E.

- chains  
40.00 Set a Limestone  $24 \times 14 \times 8$  ins.  
18 ins. in the ground for Stand  
ard  $\frac{1}{4}$  Sec. Cor. marked S. C.  $\frac{1}{4}$   
on N. face, 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, alongside.
- 60.00 Enter Valley br. N. W. + S. E.  
68.00 Cross Road br. N. W. + S. E.  
72.00 Cross Wash 30 lbs wide corner  
N. W.
- 80.00 Set a post 4 ft. long 4 ins. sq.  
with marked stone, 12 ins. in  
the ground, for Standard Cor.  
to Secs. 32 and 33. marked  
S. C. T 19 h. R. 29 E. on N.  
S. 33 on E. and  
S. 32 on W. faces. with 4

Third Standard N. through R. 29. E

chains

notes on E. and 2 notches on  
W. faces, dug pits 18+18+12 ins.  
N. E. + W. of post 5 1/2 ft. dist.  
and raised a mound of earth  
2 ft. high 4 1/2 ft. base around  
post.

Land hilly and broken  
Soil 2<sup>d</sup> rate

Timber of Cedar and Pine  
and undergrowth of sawd,  
Vegetation of Bunchgrass.

East on a true line on S. B.  
Sec. 33.

Var. 14° 05' E.

Ascend

4000 Set a Limestone 14+10+8 ins

## Third Standard N. through R. 29E

chains

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, Pits impracticable  
 Cor. set on top of ridge, to N. W.  
 & S. E. and descend.

63.20 Cross Gulch 8 lks wide across S.  
 and ascend

8000 Set a Sandstone 157 12 + 6 ins.  
 10 ins. in the ground for Standard  
 Cor. to Secs. 33 & 34 marked  
 S. C. with 3 notches on E. and  
 W. edges, and raised a mound  
 of stone alongside, Pits imp-  
 racticable.

Land mountainous

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

Timber of Cedars & Pine

# Third Standard N. through R. 29 E

chains

Vegetation of Bunch grass.

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East on S. Boundary Sec. 34.

Var.  $14^{\circ}00$  E.

Ascend.

4000 Set a post 3 ft. long, 3 ins. dia.  
with marked stone, 12 ins.  
in the ground, for Standard  
 $\frac{1}{4}$  Sec. cor. marked S.C.  $\frac{1}{4}$   
S on N. face, and raised a  
mound of stone  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base around post,  
Pits impracticable cor  
set on top of Spur, on N. side.  
and descend

8000 Set a post 4 ft. long, 4 ins.  
sq. with marked stone 12 ins.

## Third Standard N. through R. 29 E

chains

in the ground, for Standard  
 Cor. to Secs. 34 & 35. marked  
 S. C. T. 13 N. R 29 E. on N.  
 S. 35 on E. end  
 S. 34 on W. faces, with 2  
 notches on E. and 2 notches  
 on W. <sup>faces</sup> edges. and raised a  
 mound of stone 2ft. high, 4 1/2  
 ft. base around post. Rits  
 impracticable.

Land rolling

Soil 2d. rate

Vegetation of Bunchgrass.

Cast on S. Boundary of Sec.  
 35.

Var.  $14^{\circ} 10' E.$

ref. Third Standard N. through R 29 E

chains

Ascend

27.00 Enter timber bears N & S.

31.00 Top of Ridge, bro N & S. and descend.

40.00 Set a post 3 ft. long. 3 ins. diam. with marked stone, 12 ins. in the ground, for Standard  $\frac{1}{4}$  Sec. cor. marked S. C.  $\frac{1}{4}$  on N. face, dug pits  $18 \times 18 \times 12$  ins. 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 around post.

61.00 Cross low Sag & ascend

80.00 Set a volcanic stone  $16 \times 14 \times 10$  ins. 11 ins. in the ground for Standard cor. to Secs 35 & 36, marked S. C. with



# 1/2 Third Standard N. through R. 29 E.

chains

1 notch on E. and 5 notches  
on W. edges and raised a  
mound of stone alongside,  
Rip impracticable.

Land mountainous

Soil 2d & 3d rate

Timber of Cedar and Pine  
Vegetation of Bunchgrass.

East. on S. Boundary Sec.  
36.

Ver.  $14^{\circ} 10' E.$

Ascend

5.00 Top of ridge, bro N & S. and  
ascend

21.00 Cross low Sag & ascend

40.00 Set a volcanic rock 18x12x10 ins.

## Third Standard, N. through R. 29 E

chains

12 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. Pits impracticable.

68.00 Top of Ridge br N. 20° W. & S. 20° E and descend.

80.00 Set a volcanic rock 22 x 14 x 8 ins.

16 ins. in the ground, for Standard Cor. to Tps. 13 N. R. 29 & 30 E. marked S. C. with 6 notches on N. E. & W. edges.

and raised a mound of stone, alongside, Pits impracticable from which

a cedar 12 ins. dia. br. N. 44° E.

20 lks. dist. marked

T. 13 N. R. 30 E. S. 31 B. J.

Third Standard N. through R. 29 E

chains

Land mountainous  
Soil 3<sup>d</sup> rate  
Timber of cedar & pine  
Vegetation of Bunch grass

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General Description

The land along this  
Standard line for the last  
6 miles is mountainous  
rolling & broken,

The soil is mostly 2<sup>d</sup>  
3<sup>d</sup> rate.

There is considerable cedar  
& Pine, and some undergrowth.  
It is mostly good grazing  
land.

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## Third Standard N. through Rs 30 E

chains                      Standard  
 From the Cor. to T. 13 N.  
 Rs 29 + 30 E just now established  
 from East on S. Boundary of  
 Sec. 31.

Var.  $14^{\circ} 11' E.$

(As per observation with Solar compass)  
 Descend through timber

18.10 Enter Valley brs. S.  $50^{\circ} E.$  and  
 N.  $50^{\circ} W.$

4.00 Set a Sandstone  $14 \times 8 \times 6$  ins.  
 9 ins. in the ground for Stand-  
 ard  $\frac{1}{4}$  Sec. Cor. marked S.  
 $\frac{1}{4}$  on N. face, dug pits  
 $18 \times 18 \times 12$  ins. E + W. of stone  
 $5 \frac{1}{2}$  feet. dist. and raised a  
 mound of earth  $1 \frac{1}{2}$  feet. high  
 $3 \frac{1}{2}$  feet. base, alongside.

58.60 Cross low Sag + ascend

## Third Standard N. through R. 30 E

chains  
80.00

Set a post 4 ft. long, 4 ins. sq. with marked stone, 12 ins. in the ground, for Standard cor. to Secs. 31 & 32, marked S. C. T. 13 N. R. 30 E. on N. S. 32 on E. and S. 31 on W. faces, with 1 notch on W. and 5 notches on E. faces. dug pits 18 x 18 x 12 ins. N. E. & W. of post 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base around post.

Land level and broken soil 2<sup>d</sup> & 3<sup>d</sup> rate

Timber of cedar & Pine  
Vegetation of Bunchgrass.

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# Third Standard N. through Rs 30 E

Chain

Standard

From the Cor. to N. 13 N.

R<sub>s</sub> 29 + 30 E just now established  
From East on S. Boundary of  
Sec. 31.

Var.  $14^{\circ} 11' E$ .

(As per observation with Solar compass)

Descend through timber

18.10 Enter Valley br. S.  $50^{\circ} E$ . and  
N.  $50^{\circ} W$ .

4.00 Set a Sandstone  $14 \times 8 \times 6$  ins.

9 ins. in the ground for Standard  $\frac{1}{4}$  Sec. Cor. marked S.

$6 \frac{1}{4}$  on N. face, 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, alongside.

58.60 Cross low Sag & ascend

# Third Standard N. through R. 30 E

chains  
80.00

Set a post 4 ft. long, 4 ins. sq. with marked stone, 12 ins. in the ground, for Standard cor. to Secs. 31 & 32, marked S. C. T. 13 N. R. 30 E. on N. S. 32 on E. and S. 31 on W. faces, with 1 notch on W. and 5 notches on E. faces. dug pits 18" x 18" x 12 ins. N. E. & W. of post 5' left, dist. and raised a mound of earth 2 ft. high 4' left, base around post.

Land level and broken  
Soil 2<sup>d</sup> & 3<sup>d</sup> rate  
Timber of Cedar & Pine  
Vegetation of Bunchgrass.

# Third Standard. N. through R. 30 E

chains

East. on a true line on S. By  
Sec. 32.

Var.  $14^{\circ} 05' E$ .

Ascend

37.25 Top of ridge br. N.  $25^{\circ} W$ . and  
S.  $25^{\circ} E$ . and descend

40.00 Set a post 3 ft. long 3 ins. sq.  
with marked stone 12 ins. in  
the ground, for Standard, <sup>1/4 Sec</sup> <sub>cor.</sub>  
marked S. C.  $1/4 S$ . on N. face,  
dug pits  $18 \times 18 \times 12$  ins. 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 around post.

60.00 Cross gulch 100 yds wide, course  
N. and ascend.

72.20 over thousand base Wto. bear  
N. + S. and descend, enter



Third Standard N. through R. 30 E

chains

scattering timber for N + S.

80.00 Set a sandstone  $20 \times 8 \times 8$  ins.  
15. ins. in the ground for Standard  
cor. to Secs. 32 & 33. marked  
S. C. with 4 notches on E. and  
2 notches on W. edges. and raised  
a mound of stone alongside,  
Pits impracticable.

Land Mountainous

Soil 2d rate

Timber of Cedar.

Vegetation of Bunchgrass.

June 5. 1882.

East on S. Boundary Sec. 33.

Var.  $14^{\circ} 05' E$ .

Descent

24.75 Cross Gulch 200 yds wide,

## Third Standard, N. through R 30 E.

chains

course N. 20° E. and ascend.

40.00 Set a Cement stone 16x14x3.  
 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

52.10 Top of Ridge br. N & S. and  
 descend.

Leave timber, br. N & S.

80.00 Set a Sandstone 14x14x10  
 ins. 9 ins. in the ground  
 for Standard Cor. to Seco.  
 33x34 marked S. C. with  
 3 notches on E & W. edges, dug  
 pits 18x18x12 ins. N. E. & W.  
 of stone 5/8 ft. dist. and  
 raised mound of earth 2 ft.

## Third Standard N. through R. 30 E

chains

high 4 1/2 ft. base alongside  
Land mountainousSoil 2<sup>d</sup> rate

Timber of Cedar.

Vegetation of Bunchgrass.

East on a true line, on S. 1/4  
of Sec. 34.

Var. 14° 00' E.

Descend

40.00 Set a Cement stone 20 x 12 x 3  
ins. 15 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  
Pit impracticable.

44.85 Cross Wash, 25 lbs wide,

Third Standard N. through R. 30

chains

course N. and ascend.

70.80 Top of Ridge bet N & S. and desc.

80.00 Set a Basaltic stone  $20 \times 14 \times 10$   
ins.  $15$  ins. in the ground, for  
Standard cor. to Secs.  $34 \times 35$ ,  
marked S. E. with 2 notches  
on E. and 4 notches on W.  
edges, dug pits  $18 \times 18 \times 12$  ins.  
N. E. & W. of stone,  $5 \frac{1}{2}$  ft. dist.,  
and raised mound of  
earth  $2$  ft. high  $4 \frac{1}{2}$  ft. base  
along side,

Land mountainous

Soil 2<sup>d</sup> rate

Timber of cedar and under-  
growth of same,

Vegetation of Bunchgrass.

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E Third Standard N. through R. 30 E

chains

East on a true line on S. By  
of Sec. 35.

Var.  $14^{\circ} 00'$  E.

Descend

40.00 Set a Basaltic stone  $157 \times 14 \times 12$   
ins. 10 ins. in the ground for  
Standard  $\frac{1}{4}$  Sec. cor. marked  
S. C.  $\frac{1}{4}$  on N. face dug pits  
 $18 \times 18 \times 12$  ins. E & W. of stone  
5 feet. dist. and raised a  
mound of earth 1 foot. high  
 $3 \frac{1}{2}$  feet. base, alongside

45.50 Cross Wash 40 lks wide, course  
N. and ascend.

80.00 Set a Basaltic stone  $14 \times 10 \times 10$   
ins. 9 ins. in the ground for  
Standard cor. to Secs. 35 & 36.  
marked S. C. with notch

Third Standard N. through R. 30 E

chains

on E! and 5 notches on W.  
edges and raised a mound  
of stone, alongside Pits  
impracticable

Land rolling

Soil 2<sup>d</sup> rate

Vegetation of Bunch grass.

---

East on a true line on  
S. 1/4 of Sec. 36.

Var.  $13^{\circ} 55' E$ .

Ascend

28.90 Top of ridge has N+S. and  
descend

40.00 Set a Sandstone  $20 \times 16 \times 4$   
ins. 15 ins. in the ground, for  
Standard 1/4 Sec. cor. marked

## Third Standard N through R. 30 E

chains

S. C.  $\frac{1}{4}$  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 from  
 which has a Rocky Butte  
 North 150 lks dist.

57.00 Cross Wash 10 lks wide corner.

79.20 Cross Wash 30 lks wide corner N.  
 and ascend

80.00 Set a post  $4\frac{1}{2}$  ft long, 4 ins. sq.  
 with marked stone, 12 ins. in  
 the ground, for Standard cor.  
 to Tps 13 N. Rs 30 and 31 E.  
 marked S. C. T 13 N. on N.  
 R. 31 E. S. 31 on E. and  
 R. 30 E. S. 36 on W. faces  
 with 6 notches on N. E. x W.

# Third Standard. N. through R. 30 E

chains

faces, dug pits 24+18+12 ins.  
crosswise on each line N. E.  
& W of post. 6 ft. dist. and  
raised a mound of earth  
2 ft. high 5 ft. base around  
post.

Land Mountainous

Soil 2<sup>d</sup> rate

Vegetation of Brushgrass

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General Description.

The land along this line  
is mostly mountainous &  
broken, some excellent grass,  
some cedar and pine in  
the Western portion. Soil  
mostly 2<sup>d</sup> rate.

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# Third Standard N. Through R 31 E

chain

From the Standard cor.  
to Sp 13. N. Rs. 30 + 31 E.  
just now established  
I run East on a true line  
on S. Boundary of Sec. 31.  
Var.  $13^{\circ} 47' E.$

(As per observation with Solar Compass)  
Ascend gradually.

- 11.10 Leave Valley, brs N. E + S. W.  
and ascend. Foot of mesa,  
brs N + S. and ascend abruptly.
- 22.00 Top of Mesa brs N + S. and descend.
- 33.55 Cross Wash, 5 lks wide, come S. and  
ascend
- 40.00 Set a Sandstone  $20 \times 20 \times 6$  ins.  
15 ins. in the ground, for Stand-  
ard  $\frac{1}{4}$  Sec. Cor. marked S. C.  $\frac{1}{4}$   
on N. face, and raised a

## Third Standard N. through R. 31 E.

chains

mound of stone alongside,  
Pits impracticable.

59.00 Top of Ridge, br. N. W. & S. E.  
and descend

66.50 Enter cedar timber, br N & S.

80.00 Set a post, 4 ft. long, 4 ins. sq.  
with marked stone, 12 ins.  
in the ground, for Standard  
Cor. to Secs. 31 & 32 marked  
S. C. T. 13 N. R. 31 E. on N.  
S. 32 on E. and  
S. 31 on W faces, with 5 notches  
on E. face and 1 notch on W.  
face, dug pits 18 x 18 x 12 ins.  
N. E. & W. of post. 5 1/2 ft. dist.  
and raised a mound of earth  
2 ft. high, 4 1/2 ft. base around  
post.

## Third Standard N. through R. 31 E

chains

Land rolling.  
 Number of Cedar  
 Soil 2<sup>d</sup> rate  
 Vegetation of Bunchgrass.

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East. on a true line on S. By  
 of Sec. 32.

Var.  $13^{\circ} 45' E$

Descend

40.00 Set a post 3 ft. long, 3 ins. dia.  
 with marked stool, 12 ins. in  
 the ground, for Standard  
 $\frac{1}{4}$  Sec. cor. marked S.  $6\frac{1}{4} S$ .  
 on N. face. dug pits  $18 \times 18 \times 12$   
 ins. 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 around

Third Standard, N. through R. 31 E

chain

post

62.62 New Mexico Road, brs S. 38° E.  
and N. 38° W.

80.00 Set a post 4 ft. long, 4 ins. sq.  
with marked steel, 12 ins. in  
the ground, for Standard  
Cor. to Secs 32 & 33, marked  
S. C. T. 13 N. R. 31 E. on N.  
S. 33. on E. and  
S. 32 on W. faces, with 4  
notches on E and 2 notches  
on W. faces. dug pits 18 x 18  
x 12 ins. N. E & W. of post,  
5 1/2 ft. dist. and raised a  
mound of earth 2 ft. high,  
4 1/2 ft. base around post.  
Land rolling.  
Soil 2<sup>d</sup> rate

## Third Standard N. through R. 31 E

Chairs

Vegetation of Bunchgrass  
 Timber of Scrub cedar.

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Cast on a true line on S. Ry  
 of Sec. 33.

Var.  $13^{\circ} 40' E.$

Desceud

4000 Set a post 3 ft. long, 3 ins. dia,  
 with marked steel, 12 ins.  
 in the ground, for Standard  
 $\frac{1}{4}$  Sec. cor. marked S.  $6\frac{1}{4}$  S.  
 on N. face, dug pits  $18 \times 18 \times 12$   
 ins. 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  
 around post.

8000 Set a post 4 ft. long, 4 ins.

## Third Standard N. through R. 31 E

chains

eg. with marked stone, 12 ins.  
in the ground for Standard  
box. to Secs. 33 & 34. marked  
S.C. T. 13 N. R. 31 E. on N.

S. 34 on E. and

S. 33. on W. faces, with 3  
notches on E. and 3 notches  
on W. faces, and raised a  
mound of stone 2 ft. high,  
4 1/2 ft. base around post.

Pits impracticable.

Land rolling.

Soil 2d rate

Vegetation of PUNCHGRASS  
Number of cedar.

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# Third Standard N. through R. 31 E

chains

East. on a true line, on S.  
B. of Sec. 34.

Pa.  $13^{\circ} 42' E.$

Descend.

21.78 Intersect Boundary line bet.  
Arizona and New Mexico  
at a point which is 9.91 chs  
North from the 174<sup>th</sup> Mile  
post, and

Set a post  $4\frac{1}{2}$  ft. long 4 ins.  
sq. with marked stone, 12  
ins. in the ground, for Stand-  
ard closing cor. to Sps 12x13  
N. R 31 East marked  
S. C. C. R 31 E. on N.

N. 13 N. S. 34 on N. and  
R 12 N. S. 3. on S. faces, with  
6 notches on N. S. and W. faces.

## Third Standard N. Through R. 31 E

Chains

dug pits  $24 \times 18 \times 12$  ins. cross-wise on each line, N. S. & W. of post, left dist. and raised a mound of earth  $2\frac{1}{2}$  ft. high aft. base, around post.

Land Rolling

Soil 2<sup>d</sup> rateVegetation of Bunchgrass  
Tumber of beds.

I carefully examined the adjustments of my solar compass to day. particularly the latitude and reversing apparatus, and found them correct.

June 6<sup>th</sup> 1882.

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Third Standard N. Through R. 31 E

### General Description.

The land along this line is rolling, the soil is mostly 2<sup>d</sup> rate, and produces ~~the~~ good pasturage, some scattering Cedars are found along the line.

BOOK 1286

Third Standard A. Through R. 3, E

U. S. Surveyor General's Office,  
Tucson, Arizona, Dec. 20<sup>th</sup>, 1887.

The foregoing Field Notes of the survey of

Third Standard Parallel North  
along Township 13 North  
Ranges 28, 29, 30 & 31 East.

of the Gila and Salt River Base and Meridian, Arizona,  
executed by Milton Santee,  
D. S., under his contract of the 29<sup>th</sup> day of  
April, 1887, 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. W. Robinson

Surveyor General.