

Platted No. 1276

Book No. 5.

# See Index in Field Notes

1276

No. 1276

BOOK 1276  
OF THE SURVEY OF

The Retracement of  
the Standard Parallel North  
through R's 8, 9, 10, 11, 15  
and 16 North East

*See Retracement by Co*

*(in 1874) thro' R. 15 E. this package*

See Resurvey by Girard & Latimer (in  
for the West 1/2 of R 8 E, this package

Gila and Salt River Base and Meridian  
Line thro' R 11 E was also retraced by Wheeler,  
(year) see N. E. b'dl Tps 10 to 20 Rps 1 to 10  
**ARIZONA.**

By Johnston B McLaughlin D. S.

Under contract dated May 16<sup>th</sup> 1883

Survey commenced July 15<sup>th</sup> 1883

Survey completed July 22<sup>nd</sup> 1883.

No. 1276

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4	Stand. Par. A. through R. 8 E. from 1 to 11		
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See 7 p. 10 to 20 N  
R. 10 to 20 E for  
Survey

Notes of Original Survey  
of 4th Standard Parallel  
through R. 16 East not  
found.

For description of instrument  
and preliminary notes  
see Book No. 1

Survey commenced, July 15<sup>th</sup>, 1883  
Survey completed, July 25<sup>th</sup>, 1883  
4th St. Par. 7.

R. 8 E

31	32	33	34	35	36
1	3	4	6	8	10
6	5	4	3	2	1

R. 9 E

31	32	33	34	35	36
12	14	16	18	20	22
6	5	4	3	2	1

R. 10 E

31	32	33	34	35	36
25	27	29	30	31	32
6	5	4	3	2	1

R. 11 E

31	32	33	34	35	36
34	36	37	39	41	43
6	5	4	3	2	1

R. 15 E 14

31	32	33	34	35	36
60	59	57	56	55	54
6	5	4	3	2	1

R. 16 E 15

31	32	33	34	35	36
53	51	50	49	48	47
6	5	4	3	2	1



Retracing 4th Standard Parallel

From the Standard Cor.  
 to Sta. 17 cr. Riv. 7 and 8  
 E. recently described by me.  
 I retrace E. on the S.  
 Bound. of Sec. 34  
 Va. 120° 42' E.

27.45  
 35.56  
 39.90

Grass gulch Cr. S.  
 Road trs. cr. N. and S.E.  
 To a point 4 links S.  
 of the Stand. 4 Sec. Cor. which  
 is a post in a sign sub.  
 properly marked, from  
 which a Pine 16 pins  
 in diam. trs. cr. 57 links  
 dist. marked S.C. "4  
 S.D. T. a pine 17 in.  
 in diam. trs. cr. 68° N.  
 15 pins dist. marked  
 S.C. "4 S.D. T. record  
 Top of rocky bluff

62.70

A. through Range & E. (1)

65.00  
 W. S. and S. and several  
 across by wash 35 links wide  
 W. S. Ft.

80.02 To the blunted top, to  
 Secs. 21 and 22 which is  
 a post ~~the~~ <sup>the</sup> ~~post~~ <sup>post</sup>  
 properly marked and  
 notched and a mound  
 of stone around post.  
 In good condition  
 from which a Juniper  
 12 ins. in diam. W. S.  
 N. 110 E. 110 links dist.  
 properly marked  
 A Juniper 14 ins. in diam.  
 W. S. N. 120 E. 203 links dist.  
 properly marked.  
 No other trees within  
 limits  
 Surface level

Retracing 4th Standard  
 Co

Soil Ind. rate  
 Scatterng juniper timber  
 Dune oak and cedar brush

E. on the S. Bound  
 of Sec. 22

40.00

To Standard 44 Sec. 22  
 which is a post 4 ins.  
 sq. properly marked and  
 a mound of stone  
 around post.

80.00

To a point 2 miles S.  
 of the Standard Co.  
 of Secs. 22 and 23 which  
 is a post 4 ins. sq.  
 properly marked and with  
 a mound of  
 stone around post.  
 In good collection  
 from which a Pine 10



Parallel N. through Range 5 E  
 46

ins. in drain. Crs. N. 57 E,  
 45 links dist. properly marked.  
 a Pine 18 ins. in drain.  
 Crs. S. 150 N. 45 links dist.  
 properly marked.

Ed other trees within limits  
 Surface level  
 Soil 3rd. rate  
 Scattered pine timber  
 Dense oak brush

E. on the S. Bound. of  
 Sec. 33

N. 100 42' E.

39.00

40.00

Dry wash 20 links wide Co. S. N.  
 Ed Standard 14 Sec. 40. which  
 is a post 4 ins. in sq.  
 properly marked and a  
 mound of stone around post  
 in good condition

Retracing 4th Standard  
Co.

76.00

Gross dry wash 20 links  
wide wd. S. N.

8400

To a point 4 links S.  
of the Standard Co.  
to Secs 33 and 34 which  
is a post 4 ins. sq.  
properly marked and  
a ground of stone  
around post.

In good condition

Iron which a Pine 38  
ins. in diam. hrs. cr. 40° E,  
204 links dist; properly  
marked.

a Pine 30 ins. in diam.

hrs. cr. 30° N. 165 links. dist.  
properly marked

No other trees within limits-

Surface broken & rolling

Soil 3rd. rate

Scattered Pine timber



Parallels of the through Range & E.  
Ch.

Dense oak and cedar brush

E. of the S. Bound. of  
Sec. 34

Va. 13042 E.

7.00 Descending  
cross dry wash Co. S.H.  
1/8 mile wide.

25.00 Center of small canon  
and cañon

35. Leave canon Co. S.H.

39.94 To a point 6 miles N. of  
Standard 14 Sec. 30. which  
is a post 4 mis. sq. properly  
marked and notched with  
fib and a mound of  
earth around post.

In good condition  
from which a Pine 13  
miles in diam. to N. 5000 ft.

# Retracing 4th Standard

- chs 10 links dist. properly  
 marked.  
 A pine 23 ins. in diam  
 br. Cr. 62° N. 19 links  
 dist. properly marked  
 50.00 Cross gulch 60 links wide  
 br. Cr. N. N.  
 80.00 To a point 8 links Cr.  
 of the Standard Cor.  
 to Sec 34 and 35 which  
 is a post properly  
 marked and topped  
 with a mound of  
 stone around post.  
 In good condition  
 From which a  
 pine 7 ins. in diam.  
 br. Cr. 12° 30' E. 100 links  
 dist. properly marked  
 An oak 16 ins. in

Parallel N. through Range 8 E.  
 Chs.

chain, trs. Ct. 440 N. 117  
 links dist. properly marked  
 No other trees within limits  
 Soil 2d. rate Heavy pine timber  
 E. on the S. Bound. of  
 Sec. 35

Tr. 130 42 E.

17.45- A pine tree 14 ins. in diam. on line.  
 39.97 To a point 2 links S.  
 of Standard 44 Sec 400.

which is a post 4 ins. sq.  
 properly marked and notched  
 and a mound of  
 stone around foot.  
 In good condition.

From which a pine 24 ins.  
 in diam. trs.  
 Ct. 170 E. 41 links dist.  
 properly marked  
 At a pine 21 ins. in diam.



Retracing 4th Standard  
 No. 1

80.00

Cor. ct. 6° 20' N. 102 lbs.  
 dist. properly marked  
 To a point 5 links  
 S. of the Standard Cor.  
 to Secs. 35 and 36  
 which is a post 4 ins.  
 sq. properly marked  
 and a mound of  
 stone around post.  
 In good condition  
 From which a pine  
 10 ins. in diam. Cor.  
 N. 47° E. 77 links dist.  
 properly marked  
 A. Pine 26 ins. in diam.  
 Cor. 1 ct. 90 N. 125 links  
 dist. properly marked  
 no line for <sup>grazing</sup> limits.  
 Long an <sup>open</sup> pole & rolling  
 Soil 2nd. & 2nd. rate  
 Heavy pine timber

Parallel N. through Range & C.  
 Sec.

E. of the S. Bound. of  
 Sec. 36

V. 9. 130 42' E.

Across rolling and broken country

8.00 Gulch 130 links wide to, N. W.  
 40.00 To the Standard "4 Sec.

Cor. which is a post  
 4 ins. sq. properly marked  
 with a ~~iron~~ mound  
 of stone among ~~the~~ ~~posts~~.

From which a pine  
 16 ins. in diam. brs. N. 100 E.  
 40 links dist. properly  
 marked

a pine 14 ins. in diam.  
 brs. S. 79° N. 58 links dist.  
 properly marked

80.05 To a point 6 links N. W.  
 of the Standard Cor. to  
 T. 27 N. R. 889 E.

Retracing 4th Standard Parallel  
 Cr. through Range; 8 C.  
 do.

which is a post 5 ins.  
 in diam. properly marked  
 and marked. With a  
 mound of stone <sup>around post</sup> ~~at right side~~.

In good condition  
 Found which a fine 28  
 ins. in diam. hrs. ct. 49° E,  
 76 links dist. properly  
 marked.

A. fine 29 ins. in diam.  
 hrs. ct. 75° N, 105 links  
 dist. properly marked  
 Prop. other ~~has~~ within limits  
 Surface broken & rolling  
 Soil 3rd. rate  
 Heavy fine timber

---



12

Tracing 4th Standard parallel  
ct. through Range 9 E.  
No.

From the Standard Cor.  
to Tpo. 17 N. Co. 519 E.  
just described by me.  
I run E. on the S.  
Bound. of Sec. 31  
Va.  $13^{\circ}42' E.$

- 20.50 A fine tree 15 ins. in diam.  
on line
- 30.55 a fine tree 20 ins. in  
diam. on line
- 39.95 To a point 7 miles N.  
of Standard 14 Sec. Cor.  
which is a post  
4 ins. in sq. properly  
marked and notched  
with pits E. and W. of  
post and a mound  
of earth around post  
In good condition  
From which a fine

Retaining 4th. Standard Parallel  
Chs.

tree 21 ins. in diam.  
bss. S. 190 N. 104 lbs.  
dist. properly marked

A. pine tree 20 ins.  
in diam. bss. S. 44 E  
95 lbs dist properly marked

43.35 A pine tree on fire  
16 ins. in diam.

6277. A. pine tree on live 13  
ins. in diam.

79179 To a point 8 links S.  
of the Standard Cor.  
to Sec. 35886 which  
is a post 4 ins. dia.  
properly marked. with a  
line around. of stone  
around post.

In good condition  
from which a pine  
29 ins. in diam. bss.

Ch. N. through Range 9 E.

Ch. 8° E. 35 links dist.  
properly marked

At Pine 29 ins. in diam.  
b. 58° N. 65 links  
dist. properly marked.

To gather trees within limits

Surface rolling

Soil 2nd. and 3rd. V. red

Heavy pine timber

E. on the S. Bound of  
Sec. 32.

Var 100° 42' E.

22.63 A pine tree 17 ins. in diam.  
on line.

24.09 A pine 20 ins. in diam.  
on line

40.00 To Standard 114 Sp. Cor.  
which is a post 4 ins.  
in diam. properly marked



18  
 Retracing 4<sup>th</sup> Standard  
 Co.

with a mound of  
 stone around post.  
 In good condition  
 From which a pine  
 tree 25 ins. in diam. h.  
 4.50 ft. 100 lbs. dist.  
 properly marked.

60.71 A. Pine tree 26 ins in diam  
 h. 4.119 links dist. properly  
 marked.

80.10 A pine tree on line 21 ins,  
 in diam.

To a point 5 links  
 S. of the Standard  
 Co. to Sta. 32 and 33  
 which is a post 4  
 ins. sq. properly marked  
 with a mound of stone  
 around post.  
 In good condition

Parallel through Range 9 E.  
 S.

From which a pine  
 30 ins. in diam. to  
 S. 71° E. 63 links dist  
 properly marked

A pine 13 ins. in diam.  
 to S. 70° W. 42 links  
 dist. properly marked

to that tree within limits  
 (surface being soil and 2nd rate Dense timber)

E. on the South Bound.  
 of Sec. 33

To. 13042' E  
 Over rolling surface

33.00

3994

Leave timber by A.P.S.  
 To a point 12 links S.  
 of Standard 114 Sec. Cor.  
 which is a post 4 ins.  
 sq. properly marked  
 with a mound of  
 stone around post

# Tracing of the Standard

- In good condition
- 44.00 Enter timber trs. C. & S.
- 56.50 A pine tree 18 ins. in diam.  
on line. Leave timber for  
trs. C. & S.
- 70.00 Enter timber trs. C. & S.
- 80.04 To a point 9 links S.  
of Standard Cor. to Tree  
33 & 34 which is a post  
properly marked & marked  
with a mound of  
stone around post  
from which a pine  
22 ins. in diam. trs.  
C. 41° N. 74 links dist.  
properly marked.
- a. Pine 19 ins. in diam.  
trs. C. 17° E. 149 links dist.  
properly marked.
- C. Other trees within limits



Parallel St. through Range 9<sup>o</sup>.  
No.

Surface gently rolling  
Soil 2d. rate  
Dense and well  
pine timber

July 15<sup>th</sup> 1888.

E. on the S. Bound.  
of Sec. 34

Va. 13042' E.

19.55 Over rolling surface  
A. pine tree on line  
19 ins. in diam.

40.01 To Standard "4" Sec.  
Cor. which is a post  
4 ins. sq. properly marked  
and notched, with  
pits E. and W. of post. and  
a mound of earth around  
post.

From which a pine tree  
25 ins. in diam. Nos. 591 St.

Retracing 4th Standard  
do

- 29 links dist. properly marked  
A pine tree 25 ins in  
diam. brs. Cr. 41° E, 30  
links dist. properly marked
- 40.30 A pine on line 14 ins,  
in diam.
- 51.45 A pine on line, 22 ins,  
in diam.
- 64.75 A pine on line 19 ins.  
in diam.
- 79.96 To a point 7 links Cr.  
of Standard Cor. to  
Secs. 34 and 35 which  
is a post 4 ins. sq,  
properly marked and  
notified and a mound  
of stone around post.  
From which a pine  
12 ins. in diam. brs.  
Cr. 80° N. 14 links dist.

Parallel N. through L Range & E.  
Ch.

properly marked

A Pine 18 ins. in diam. on  
St. 290 E, 176 links dist  
properly marked.

No other trees within limits  
Surface rolling & level  
Soil 2nd. and 3rd rate  
Dwarf pine timber

E. on the S. Bound.  
of Sec. 35

Var.  $13^{\circ}42'E$ ,

Over rolling surface

- 11.80 A Pine 22 ins. in diam. on line  
12.71 A Pine 18 ins. in diam. on line  
28.56 A Pine 24 ins. in diam. on line.  
40.05 To a point 4 links N.  
of the Standard <sup>114.00</sup> line,  
to which is a post of  
no. 29. properly marked



# Retracing 4" Standard

with a mound of earth around post with pit E. and N. of post. 5 1/2 ft. dist.

In good condition  
From which a pine 35 ins. in diam. hrs. N. 240 N. 107 links dist.

properly marked  
A pine 36 ins. in diam. hrs. S. 55° E. 110 links dist. properly marked

- 54.55 Road hrs. N. Pt. and S. E.
- 61.40 a Pine on line 36 ins. in diam
- 64.25 an oak on line 11 ins. in diam
- 70.40 A pine 30 ins. in diam on line
- 80.03 To the Standard Cor. for Nos. 35 and 36 which

Parallel N. through Range 9 E.  
 Ch.

is a post 4 sides  
 sq. properly marked  
 and notched  
 with a mound of  
 stone around post  
 In good condition  
 From which a pine 29  
 ins. in diam. hrs. Cr. 100 E.  
 68 links dist. properly marked.  
 A pine 30 ins. in diam.  
 hrs. Cr. 74 N. 156 links  
 dist. properly marked  
 No other trees within limits  
 surface rolling  
 Soil 2nd & 3rd rate  
 Dura pine timber

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E. on the S. Bound.  
 of Sec. 36  
 Twp. 130 42 E.

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

Chs. ✓

Over rolling surface  
 23.21 A fir on line 28 ins. in diam  
 40.00 To a point 2 links S  
 of the Standard "4 Sec. loc.  
 which is a post 4 ins.  
 sq. properly marked with  
 a mound of stone  
 around the post.  
 In good condition  
 From which an oak  
 7 ins. in diam. trs. at 10 ft.  
 8 links dist. properly marked  
 A pine, 15 ins in diam. trs.  
 at 200 & 230 links dist.  
 properly marked.  
 50.00 Top of account and record  
 80.09 To the Standard Cor.  
 to Sp. 17 N. Co. 9 and 10 E.  
 which is post 4 ins. sq.  
 properly marked and



Parallel N. through Range 9 E.  
Ches.

notched with a mound  
of stone around post.  
From which an oak  
14 ins. in diam. br. N. 71° W.  
113 limbs dist. properly  
marked.

A pine 25 ins. in diam,  
br. N. 29° E. 110 limbs dist.  
properly marked.

No other trees within limits

Survey taken

5 spontaneous

Soil 3rd. rate

Heavy pine and oak timber

I carefully examined the  
adjustments of my  
Solar transit to-day & particularly  
the latitude and transversing  
apparatus and found them correct

Retaining 4" Standard  
Ch

From the Standard  
Cor. to Twp. 17, S. R.  
9 and 10 E. just described  
to me. In open  
E. on the S. Bound.  
of Sec. 31.  
Va. 130 40' E.

40,06 Found gradually  
To a point 18 links S,  
of Standard "4 Sec.  
Cor. which is a post  
4 ins. sq. properly marked  
and ~~marked~~ with  
a mound of stone  
around post.

In good condition  
Iron nail a fine  
20 ins. in diam. to. or 24% N.  
10 links dist. properly marked  
A fine 19 ins. in diam.

Parallel N. through Range 10 E.  
No.

46. 89° 6' E, 99 links dist.  
properly marked

47. 15 At Pine on line 18 ins.  
in diam.

89. 92 To a point 4 links S.  
of Standard Cr. to S. 34 132  
which is a post 4 ins.  
sq. properly marked, and  
marked with a mound  
of stone around  
post.

In good condition  
From which a pine  
30 ins. in diam. 46.

48. Cr. 120° 30' E, 245 links  
dist. properly marked

a. pine. 34 ins. in diam.

46. Cr. 120° N, 215 links  
dist. properly marked  
No other trees within limits



27  
 Retracing 4" Standard Parallel  
 Co. V

Super mountainous  
 and broken  
 Soil 3rd rate  
 Dense pine and oak timber

E. of the S. Bound of  
 Sec. 32.

Var. 130 450 E.

39.96 Over rough and rolling surface  
 To a point 1/2 mile  
 S. of Standard 1/4 Sec.  
 Cor. which is a post  
 properly marked with  
 a mound of stone  
 along with <sup>around post</sup>

In good condition  
 From which a pine 32  
 ins. in diam. frs. at 45° N.  
 300, links dist.  
 properly marked

At through Range 10 E.  
 Ch

7995 An oak 13 ins. in diam,  
 to,  $\text{N. } 22^{\circ} \text{ E.}$  94 links  
 dist. properly marked  
 To a point 7 links S.  
 of the Standard Cor.,  
 to Secs. 32 and 33  
 which is a post  
 4 ins. sq. properly marked  
 and notched.  
 with a mound  
 of loam around post  
 From which a pine  
 35 ins. in diam to  
 $\text{N. } 28^{\circ} \text{ N.}$  33 the dist.  
 properly marked.  
 Oak 19 ins. in  
 diam. to,  $\text{N. } 68^{\circ} \text{ E.}$  85  
 links dist. properly marked  
 No other trees within  
 limits

Retracing 4" Standard Parallel  
Ch. X

Surface rolling  
Soil Exp. note  
Dense pine timber

E. on the S. Bound. of Secs 33  
Va. 163° 42' E.

2.00  
40.11

Leave timber tr. Cr. and  
Go a point 3 links S. of  
the Standard 1/4 Sec. Cor.  
which is a post 4  
ins. sq. properly marked  
with a mound  
of stone around post

79.99

In good condition  
Go the Standard Cor.  
to Secs. 33 and 34  
which is a post 4  
ins. sq. <sup>and notched</sup> properly  
marked with a  
mound of stone



N. through Range 10 E.  
Ch.

around post.  
In good condition  
Surface rolling  
Soil End. only  
Dense oak and cedar brush

E. on the S. Bound. of  
Sec. 34 Val. 13044' E.

40.00

Over rolling surface  
To a point 6 links N.  
of Standard "4 Sec. 34.  
which is a post 4 ins.  
sq. properly marked  
with a mound of  
stone around post.  
In good condition

80.04

To a point 12 links  
N. of Standard Sec.  
to Secs. 34 and 35

Retracing 4" Standard Parallel  
Chs.

which is a post  
4 ins. sq. properly  
marked and reflected  
with a mound  
of stone around  
post.

In good condition  
Land rolling  
Soil 3rd. radi

E. on the S. Bound.  
of Sec. 35  
Tn. 130 44' E

40.06 Over rolling surface  
to a point of  
mils N. of Stand-  
ard "4 Sec. of Cor.  
which is a post  
properly marked. with

N. through Range 10 E.  
No.

79.95

a mound of stone  
around post.  
In good condition  
To a point 10' in line  
of the Standard  
Nor. to Sec. 35 &  
36 which is a post  
lines of property  
marked and noted  
with a mound of  
stone around post  
In good condition  
Surface rolling  
Soil 3rd. rate

E. on the S. Bound.  
of Sec. 36  
Va. 10044' E.  
Over rolling surface



Retracing 4<sup>th</sup> Standard Parallel N.  
Co. through Range 10 E.

40,08 S. a point 2 links  
S. of Standard 114  
Sec. 100, which is  
a post 5 ins. sq.  
properly marked with  
a mound of stone  
around post.

In good condition

80,01

To the Standard Co.  
to Tps. 17 N. R. 10 E.  
E. which is a post  
5 ins. sq. properly marked  
and notched with  
a mound of stone  
around post.

In good condition

Survey rolling

Tril 3rd. Lat E

July 16<sup>th</sup> 1883.

Parallel N. through Range 11 E.

Chs.

From the Standard Cor.  
to Sps. 17 N. Cor.  
10 and 11 E. just described  
by me. I run  
E. on the S. Bound.  
of Sec. 31  
Va. 13045' E.

Over rolling surface

39.95 To a point 6 links  
N. of Standard 114 Sec.  
Cor. which is a volcanic  
rock 8x6 ins. properly  
marked with a mound  
of stone alongside.  
From which a pine  
tree 14 ins. in diam.  
by S. 33° E. 82 links dist.  
properly marked  
at pine 17 ins. in diam.  
by S. 80° E. 121 links

Patroling

# 4th Standard Parallel Chs.

43.45 Road to N. N. and S. E.  
 79.97 To a point 3 links  
 S. of the <sup>Stand.</sup> Cor. to Secs  
 31 and 32 which is a  
 volcanic rock 7x7 ins.  
 properly marked and  
~~marked~~ with a  
 mound of stone  
 alongside  
 In good condition  
 From which a cedar  
 10 ins. in diam  
 to N. 21° E. 110 lbs.  
 dist. properly marked  
 A pine 19 ins. in  
 diam. to N. 53° W. 155 lbs  
 dist. properly marked  
 Sugar rolling  
 Soil 2<sup>nd</sup> rate  
 Dime cedar and pine wood



A. through Range 11 E.  
Chs.

E. on the S. Road,  
of Sec. 32  
Va. 130 45' E.

Over rolling surface  
40.05 To a point 15 links  
N. of the <sup>land</sup> cor. which  
is a volcanic rock  
10x6 ins. properly marked  
with a mound of  
stone along with it.  
In good condition  
From which a cedar

10 ins. in diam. by  
S. 75' E. 177 links dist.  
properly marked within limits

- 67.75 Road to N. E. and S. W.
- 79.62 Road to S. E. and N. W.
- 79.95 To the Standard cor.  
to Secs. 32 and 33  
which is a volcanic

4th Standard Parallel

In

rock 8x8 ins properly  
 marked with a  
 mound of stone alongside  
 In good condition  
 From which a cedar  
 10 ins. in diam. brs. N. 26° E.  
 220 links dist.

properly marked  
 No other trees within limits  
 Surface rolling

Soil 3rd. rate

Dense cedar and pine brush

E. on the S. Bound.  
 of Sec. 33  
 Va. 13° 45' E.

Over rolling country  
 5.12 Road brs. N. W. and S. E.

149  
 A. through Range 11 E.  
 S.

30.95 Cross dry wash 50 links wide  
 to S.E.

40.04 To a point 5 links S. of  
 the Standard "4 Sq.  
 Cor. which is a volcanic  
 rock 8x5 ins. properly  
 marked with a mound  
 of soil along side  
 from which a pine  
 10 ins. in diam. to  
 S. 88° E. 43 links dist.  
 properly marked

a pine tree 13 ins. in diam.  
 to S. 30° W. 180 links  
 dist. properly marked

72.00 Rocky wash 40 links  
 wide to N.E.

79.93 To the Standard Cor. to  
 Secs 33 and 34 which  
 is a volcanic rock



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

Chs.

9 x 7 ins. properly marked  
and notched; with  
a mound of stone  
alongside.

From which a pine 14  
ins. in diam. fr. pt. 590 ft.  
133 links dist. properly  
marked

A cedar 19 ins. in diam.  
fr. pt. 28° E. 17 links  
dist. properly marked

No other trees within limits

Surface rolling and rough

Soil 3rd rate

Dense pine, oak and fir or timber

E. on the S. Bound.

of Sec. 34

Ca. 13° 45' E.

Over rolling surface

ing  
 Cr.  
 Chs.

through Range 11 E.

3992 To a point 6 miles S  
 of Standard "4 Sec. 11,  
 which is a volcanic  
 rock 6x5 ins. properly  
 marked, with a ground  
 of stone alongside.  
 From which a cedar tree  
 12 ins. in diam. trs.  
 at 140° N. 175 links dist.  
 properly marked,  
 at cedar tree 10 ins.  
 in diam. trs. at 350° N.  
 160 links dist.  
 properly marked

8000

To a point 3 miles  
 N. of the Standard  
 Secs. 34 and 35  
 which is a volcanic  
 rock 10x9 ins. properly  
 marked and whittled

41  
4" Standard Parallel St.  
Chs.

Patrol

with a mound  
of stone alongside  
from which a cedar  
17 ins. in diam. brs.  
St.  $70^{\circ}$  E, 253 links  
dist. properly marked  
No other trees within limits  
Surface rolling and level  
Soil 3rd. V rate  
Dense oak and pinon brush  
Scattering cedars.

E. on the S. Bound.  
of Sec. 35

Va. 1304514

4006 Cor. rolling surface  
To a point 4 feet  
S. of Standard 114  
Sp. Cor. which  
is a volcanic stone



Through Range 11 E.  
Cho.

12x8 ins. properly marked  
 with a mound of  
 stone alongside,  
 From which a cedar  
 29 ins. in diam. Trs.  
 N. 20° E. 265 links  
 dist. properly marked  
 A cedar 13 ins. in diam.  
 Trs. N. 100° W. 263 links  
 dist. properly marked  
 To a point 5 lbs.  
 N. of the Standard Sec.  
 to Secs. 35 and 36  
 which is a volcanic  
 rock 10x10 ins. properly  
 marked and notched with  
 a mound of stone  
 alongside.  
 From which a Juniper  
 13 ins. in diam. Trs.

80.05

4th. Standard Parallel  
 No.

N. 84° E. 165 links dist.  
 properly marked

A Juniper 20 ins. in  
 diam. N. 48° E. 206  
 links dist. properly marked  
 No other trees within limits

Surface rolling  
 Soil 2d. rate

Dense juniper and pine timber

E. on the S. Bound. of  
 Sec. 36

Var. 130° 45' E.

Over rolling surface

39.95

To a point 8 links  
 N. of the Standard 1st.

to Sec. corner, which is  
 a volcanic rock 11x7 ins,  
 properly marked with a  
 mound of stone about

W. through Range 11 E.  
Ch.

From which a pine  
12 ins. in diam. trs. N. 45° E,  
196 links dist properly  
marked

A cedar 14 ins. in diam.  
trs. N. 20° E. 180 links  
dist. properly marked

80.05

To the Standard Cor.  
to Sp. 17 N. Rs. 11  
and 12 E. which is a  
post 5 ins. sq. properly  
marked with a mound  
of stone around post  
In good condition  
From which

a cedar 21 ins. in diam.  
trs. N. 31° E. 82 links  
dist. properly marked

A cedar 25 ins. in diam.  
trs. N. 58° E. 130 links



Retracing

4" Standard Parallel N. through  
 Cha. Range N. E.

dist. properly marked  
 No other trees  
 within limits.

Surface rolling  
 Soil ind. sat.

Dwarf cedar, pine and  
 Juniper timber

I carefully examined the  
 adjustments of my  
 solar transit today  
 particularly the  
 latitude and reversing  
 apparatus and found  
 them correct  
 July 17<sup>th</sup> 1883

Retracing 4<sup>th</sup> Standard Parallel N.  
Ch. through Range 16 E.

From the Standard Cor. to  
Tps. 17 N. Rs. 11 and 12 E.  
which was just described  
by me, I run  
E. on a random line,  
with a var. of  $13^{\circ}45' E$ ,  
setting temporary 114 and  
S. Cor. at varying  
40 and 80 Chs. and at  
30 miles I make a diligent  
search for the Cor. to  
Tps. 17 N. Rs. 16 and 17 E.  
and find it at a  
point 3 miles 17 Chs. and  
59 links N. and 88.90 Chs.  
South of this 30 mile point  
I find the Cor. to be  
a — see next page

Rebriam 4" Standard Parallel  
Co.

~~To the Standard Co.~~  
~~To Secs 35 and 36~~  
~~which is a sandstone~~  
12x12x8 ins. properly marked  
and notched with a  
mound of stone along side  
I get out N. on the  
S. Bound. of Sec. 36  
Va. 13°45' E.

40.04 To a front 8 link S.  
of Standard 4" Sec. Co.  
which is a sandstone  
12x6 ins. properly  
marked and at  
mound of stone along side.  
Its refractible

79.88 To the Standard Co.  
to Secs. 35 and 36  
which is a sandstone  
10x8 ins. properly



N. through Range 16 E.  
do

marked and notched with  
a mound of stone  
along side.  
Surface rocky and level  
Soil red. ruff  
Dense cacti and other brush

N. of the S. Bound. of  
Sec. 35

40.00

Sta. 130 45' E.  
To a point 10 miles S.  
of the Standard 4<sup>th</sup> Sec.  
Cbr. which is a sand-  
stone 12 x 6 ins. properly  
marked and a mound  
of stone along side.

80.10

To a point 4 miles  
N. of the Standard  
Cbr. to Secs. 34 and  
35 which is a

49  
 Ch. Retaining 4" Standard

sandstone 18x14x6 ins.  
 properly marked and  
 a mound of stone  
 along side.

Surface rocky and  
 level.

Soil 3rd. rate

Dense cactus and saguaro

Good grazing

N. on the S. Bound.  
 of Sec. 24

40.06 Va. 13° 45' E.  
 Is a point 5 hks  
 S. of the Standard 114  
 Sec. 24 cor. which is a  
 sandstone ~~18~~ x 12 x 6 ins  
 firmly set in the ground  
 Formed S. E. 114  
 on N. face, and

Parallel N. through Range 16 E.  
Ch.

8902

a mound of stone alongside  
To the Standard Co. to  
Locs 33 and 34 which  
is a sandstone 10x6  
ins. properly marked and  
noted with a mound  
of stone alongside  
Surface level and rocky  
Soil 2nd. with  
Dune cactus and sage brush  
Good gramma grass

N. on the S. Bound. of  
Loc. 33

Ca. 12° 45' E.

4000

To Standard "4" Sec. Co.  
which is a sandstone  
12 x 8 ins. properly marked  
with a mound of stone  
alongside.



Retracing 4<sup>th</sup> Standard, Parallel  
 L. Co.

- 7998 To a point 8 miles  
 S. of the Standard Cor  
 to Secs. 32 and 33  
 which is a sandstone  
 10 x 8 ins. properly  
 marked and scratched  
 with a mound  
 of stone alongside  
 surface level sand  
 rocky  
 Soil 3rd. rate  
 Some cacti and  
 cedar brush  
 Good gramma grass
- 
- N. on the S. Bound,  
 of Sec. 32  
 Va. 130° 45' E
- 7996 To a point 10 miles  
 S. of the Standard

Ch. through Page 16 E.

14 In. Cor. which is  
a sandstone 12 x 8 ins.  
properly masked with  
a mound of  
stone along side.

93.18 caisson 8 Ch. wide and  
80 ft. deep. Cor. St.

90.14 To the Standard Cor.  
to Nos. 31 and 32

which is a sandstone  
10 x 8 ins. properly masked  
and watched. With a  
mound of stone along side  
Surface broken & rocky  
Cold Sid. rate

Some cedar and prairie  
brush

Some grass

---

Spring 4<sup>th</sup> Standard  
 Chs.

N. on the S. Bound.  
 of No. 31

Va. 13045' E.

40.10 To Standard 114 S.W. cor.  
 which is a sandstone  
 10 x 8 ins. properly marked  
 and a mound  
 of stone along side

80.12 of T, a point 10 links  
 S. of the Standard  
 leg. to S. 17 N.  
 Ns. 15 and 16 E. which  
 is a sandstone 12 x 4  
 ins. properly marked  
 and notched with a  
 mound of stone  
 along side.

Surface level  
 Soil Sd. rate  
 Dense cedar and pinon  
 brush. Some grass.



Retracing 4" Standard Parallel N.  
through Range 15 E.

From the Standard Cor.  
to Sp. 17 N. R. 15 and  
16 E. just deposited by me  
I retraced N. on the  
S. Bound. of Sec. 36  
to  $180^{\circ} 45' E.$

Over level surface  
To a point 3 links S.  
of Standard 14 Sec. Cor.  
which is a limestone  
12x4 ins. properly marked  
with a mound of  
stone alongside.

In good condition  
To a point 4 links S.  
of the Standard Cor.  
to Sp. 35 and 36  
which is a limestone  
14x4 ins. properly marked  
with pits N. E. and N.

Retracing 4th. Standard  
Co.

of stone and a mound  
of earth alongside.  
In good condition  
Surface level  
Soil with roots and rocks  
Dune cacti and sage brush

N. on the S. Bound.  
of Sec. 35

Co. 130 45' E.

39.95

Over level surface  
To a point 4 links  
S. of Standard 44 Sec.  
Cor. which is a  
mound of earth and  
lake ~~and~~ in E. pit  
properly marked.

79.99

In good condition  
To a point 6 links S.  
of the Standard Cor.

Parallel N. through Range 10<sup>th</sup>.  
 do.

to Secs. 24 and 25 which  
 is a malpais rock  
 6x4 ins properly marked  
 with pit E. and N.

of stone and a mound  
 of earth alongside.

In good condition

Surface level

Soil 2nd. rate

Dwarf cacti and sagebrush

N. on the S. Corner  
 of Sec. 24

Va. 10045 E.

4005 To a point 7 miles N.  
 of Standard 114 Sec.  
 of Co., which is a  
 malpais rock 8x7 ins,  
 properly marked with  
 pit E. and N. of stone



Retracing 4th Standard - Parallel Str.  
No. 1

80.03

and a mound of earth alongside of  
to the Standard line  
to Secs. 33, and 34  
which is a malpais  
rock 8 x 3 ins. properly  
marked and well filled  
with fill N. E. and W.  
of lot and a  
mound of earth  
alongside of  
In good condition  
Surface level  
Soil 3rd. rate  
Dune earth and sage brush

N. of the S. Bound. of  
Sec. 33

N. 130 45' E.  
Clear level surface

through Range 15 E.  
Co.

39.94 To a point 8 miles N.  
of Standard 114 Sec. 100,  
which is a malpais  
rock 4 x 3 ins. properly  
marked with a  
mound of stone  
along side.

On good condition  
Enter foot hills of mesa

80.00 To a point 6 miles  
N. of Standard Co.  
to Secs. 32 and 33 which  
is a malpais rock  
14 x 4 ins. properly marked  
and marked with a  
mound of stone along side  
In good condition  
Surface rolling and broken  
Soil 4 the rate  
Dense cedar, cacti and sage brush

Reaching 4th Standard Parallel  
No.

N. on the S. Bound.  
of Sec. 22  
Va. 130 45' E.

4024

Found  
To a point 6 links N.  
of Standard 14 Sec. 22.  
which is a malpais  
rock 8x6 ins. properly  
marked with a  
mound of stone

80.08

along side. In good condition  
To a point 5 links  
N. of the Standard  
Cor. to Sec. 31 and 32  
which is a malpais  
rock 12x3 ins. properly  
marked and reflected  
with a mound  
of stone: along side.  
Land unoccupied.



l. A. through Range 15 E.  
 S.

Soil 4th rate

Down east cedar and sage brush

N. on the S. Bound.

of Sec. 31

Va. 130 45' E.

Over rough country

40.08

To a point 8 miles  
 S. of the Standard.

44 Sec. 31. Cor. which  
 is a malpais rock

10x14 ~~mins.~~ properly  
 marked and Va  
 mound of stone along side.

In good condition

71.00

Down from mesa

80.00

To the Standard Cor.,  
 to Sp. 17 of Pr. 14 and  
 15 E. which is a  
 malpais rock 10x5

Retracing 4th Standard Parallel N. through  
the Range 15 E.

was properly marked  
and marked with a  
row of stone  
alongside.

In good condition  
Surface rough  
Soil 4th rate

Some cedar, cacti and sagebrush

I carefully examined  
the adjustment  
of my solar transit  
to-day particularly  
the latitude and  
reversing apparatus  
and found them  
correct.

July 22<sup>nd</sup> 1888.

For Final

Oh.