

294

BOOK 294

294

F I E L D N O T E S
OF THE SURVEY OF THE
SUBDIVISION LINES
OF

Township 18 North, Range 31 East.

Gila and Salt River Base and
Meridian,

ARIZONA. BOOK 294

By Henry A. Coe, D. S., under
Contract dated July 20, 1882.
Survey commenced Nov. 29, 1882.
Survey completed Nov. 30, 1882.

1A Township 15N Range 31E Meridian.
 Lida & Salt River

6	69	5	38	4	21	3	2	1	BOOK 294
67	65		37		19				
7	63	8	35	9	17	10	11	12	
61	59		34		15				
18	58	17	32	16	13	15	14	13	
56	34		31		11				
19	53	20	29	21	9	22	23	24	
51	49		28		7				
30	47	29	26	28	5	27	26	25	
45	43		25		3				
31	40	32	23	33	1	34	35	36	

BOOK 294

scale to the reading previously
 given and at noon verified
 and corrected same by observation
 on the sun & also further tested
 instrument by reversing

BOOK 294

T. 18 N. R. 31 E. S. 1 and S. R. 1

From the corner to Sections 3-
4-33 and 34 on the ~~South-~~
Boundary ^{of 5 recently established by me} which ~~is a post~~
~~in earth mound with pile.~~
3 mis North. between Sections
33 and 34

Va. $14^{\circ}11'$ East

Ascending in timber

27.00 Ridge bears $S. 80^{\circ} E.$ & $S. 80^{\circ} W.$

Descending.

40.00 Set post 3 ft. long 3 mis. diam.
12 mis. in the ground, with
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face dug
pile- $18 \times 18 \times 12$ mis N. & S. by
post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft.
high $5\frac{1}{2}$ ft. base around
post.

44.40 Dry wash 10 lbs. wide course
 $S. 80^{\circ} E.$

1A

Township 15 N

Range 31 E

Lula & Salt River

Meridian.

								BOOK	294
6	69	5	38	4	21	3	2	1	
67		68		37		19			
7	62	8	35	9	17	10	11	12	
61		59		34		15			
18	58	17	32	16	13	15	14	13	
56		34		31		11			
19	53	20	29	21	9	22	23	24	
51		49		28		7			
30	47	29	26	28	5	27	26	25	
45		43		25		3			
31	40	32	23	33	1	34	35	36	

BOOK 294

points to the reading of meridian
 given and at noon verified
 and corrected same by observation
 on the sun & also further tested
 instrument by reversing

BOOK 294

T. 18 N. R. 31 E. G. and S. R. W.

From the corner to Sections 3-
4-33 and 34 on the South-
Boundary ^{apparently established by me} which is a post
~~in earth mound with pile.~~
1/2 mi North. between Sections
33 and 34

Va. $14^{\circ}11'$ East

Ascending in timber

27.00 Ridge bears $N. 80^{\circ} E.$ & $S. 80^{\circ} W.$

Descending.

40.00 Set post 3 ft. long 3 ins. diam.
12 ins. in the ground. with-
marked stone for $1/4$ Sec. Cor.
marked $1/4$ S. on W. face dug
pile - $18 \times 18 \times 12$ ins. N. & S. E
post $5 \frac{1}{2}$ ft. dist. and raised
a mound of earth $1 \frac{1}{2}$ ft.
high $5 \frac{1}{2}$ ft. base around
post.

44.40 Dry wash 10 lbs. wide course
 $N. 80^{\circ} E.$

T. 18 N. R. 31 E. S. 1 and S. R. M.

Ascending gradually.

80.00

Set post 4 ft. long 4 in. square
12 in. in the ground with-
marked stone for corner to
Sections 27-28-33 and 34 f
marked T. 18 N. S. 27 on N. E.

R. 31 E. S. 34 on S. E. S. 33 on S. W.
and S. 28 on N. W. faces with - 1
notch on S. and 3 on E. edges

dug pits - 18 x 18 x 12 in in each

Set 5 1/2 ft. dist and raised a
mound of earth - 2 ft. high
4 1/2 ft. base around post

Land Rolling

Soil 2nd. and 3rd. rate

Timber of cedar

Undergrowth of same and

Bunchgrass.

T. 18 E. R. 31 E. S. 27 and S. 34

East on a true line between
Sections 27 and 34

Va. $14^{\circ}11'$ East

Ascending in timber.

23.33 Intersect territorial line 21.30 ch
North of the 144th Mile post which
is a post 4 ft long 4 mi square
with marked stone set firmly
in the ground marked 144 M
on N, A + W and N M on E
face, pit 24 x 15 x 12 mi N, S, E,
+ W of post 6 ft deep with mound
of earth 2 ft high 4 1/2 ft base
around post at which
point set a post 4 ft long
4 mi square 12 mi in the
ground with marked stone
for closing bar to Trac.
Sec 27 + 34 marked 66
T 18 N R 31 E on N. S. 27 on
N + S 34 on E face, ^{1 notch on S + S marked in N face} aug pit

T. 18 N. R. 31 E. S. 4 and S. R. 11.

18x18x12 mi S. S. & N. of post
 5 1/2 ft dia and raised mound
 of earth 2 ft high 4 1/2 ft base
 along side

Larva rolling

Set 2nd Gate

Timber Pine & Cedar

Undergrowth same and
 Bunchgrass

T. 18 N. R. 31 E. S. 1 and S. 2 R. M.

North, between Sections 27 & 28
 Va. $14^{\circ}11'$ East.

Ascending in timber

3.00 Ridge bars E. and W.

Descending

10.00 Dry wash 5 lbs. wide course
 N. 50° E.

Ascend gradually

40.00 Set post 3 ft. long 3 ins. diam.
 12 ins. in the ground, with-
 marked stone, for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ S. on W. face dug
 pits - $18 \times 18 \times 12$ ins N. & S.
 of post $5\frac{1}{2}$ ft. dist and
 raised a mound of earth -
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 around post.

53.00 Narajoc Trail bars N. 80° W.
 and S. 80° E.

74.00 Ridge bars E. and W.
 Descend gradually

6.

T. 18 N. R. 31 E. S. 4 and S. R. M.

80.00 Set sandstone 18 x 18 x 12 in
 12 in. in the ground, for corner
 to Sections 21-22-27 and 28
 marked with 2 notches on S.
 and 3 on E. edges, and raised
 a mound of stone along side
 Pits-impracticable
 Land Rolling
 Soil 2nd. and 3rd. rate
 Timber of Cedar
 Undergrowth of same and
 Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

East on a true line between Fac.
Sections 22 and 27

Pa. $14^{\circ}11'$ East.

Descending gradually in
timber.

23.10 Intersect Territorial line
21.20 chain North of the 143rd
mile bar ~~which is a post~~
5 ft long 6 mi square finally
set in the ground marked
143 on N & A on W and NW
on E face, date 24-18 x 12 ins.
3/4 S E and N of post 6 ft
dirt and raised mound
of earth 2 1/2 ft high 5 ft
base around post at which
point I set a post 4 ft long
4 mi square 12 ins in the
ground with marked stone
for clearing bar to ^{face} Sec 22
27 marked C. C. T. 18 N. 31 E

T. 18 N. R. 31 E. S. 4 & S. R. W.

on N. S 22 on N & S 27 on S
 and 2 notches on S and 5 on
 N face aug pits 18 x 15 x 12 in
 E N & S 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 & mountainous
 Soil 3rd rate
 Timber Pine & Cedar
 Undergrowth same &
 Buckgrass

T. 18 N. R. 31 E. S. 1 and S. R. W.

North. between Sections 21 & 22
Va. $14^{\circ} 11'$ East.

Descending gradually

40.00 Set post 3 fr. long 3 ins. diam.
12 ins. in the ground, with-
marked stone for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ S. on W.
face dug pits - $18 \times 18 \times 12$ ins N.
and S. of post $5\frac{1}{2}$ fr. dist
and raised a mound of
earth - $1\frac{1}{2}$ fr high $3\frac{1}{2}$ fr
base around post.

80.00 Set post 4 fr. long 4 ins
square 12 ins. in the ground
with-marked stone for
corner to Sections 21-22-15-
and 16, marked T. 18 N. S. 15 on
N.E. R. 31 E. S. 22 on S.E. & S. 21 on
S.W. and S. 16 on N.W. faces
with-3 notches on S. and 3
on E. edges, dug pits - $18 \times 18 \times 12$

T. 18 N. R. 31 E. S. 1 and S. R. M.

ms. in each Sec. $5\frac{1}{2}$ ft. dist
and raised a mound of
earth 2 ft. high. $4\frac{1}{2}$ ft. base
around post.

Land Rolling

Soil 2nd & 3rd rate

Timber of Pine &

Undergrowth of same &
Bunchgrass.

T. 18 N. R. 31 E. S. 1 and C. R. M.

East on a true line bet.
 from sec 15 + 22
 Var $14^{\circ} 11'$ E

- 22.75 Record gradually
 Intersect Territorial line
 21.25 chains North of the
 142nd mile corner which
 is a post 3 ft long 6 mi square
 set firmly in the ground
 for marked 142nd N. A. on
 St. and N.M. on E face
 with pits 24.15 x 12 mi N. & S.
 E. & W. of post 6 ft dist with
 ground 2' ft high $4\frac{1}{2}$ ft
 base around post at which
 point
 Set a post 4 ft long 4 mi
 square 12 mi in the
 ground with marked
 stone for closing corner
 to Sec 15 + 22 marked 66

T. 18 N. R. 31 E. S. 1 and S. R. M.

T. 18 N. R. 31 E. on N. S. 15 m.
 N + S 22 m S face with 3
 mitches on S and 3 on N
 faces dug pits 18 x 18 x 12 ins
 N. N + S of post 5 1/2 ft dist
 and raised mound of earth
 2 ft high 4 1/2 ft base around
 post

Land rolling

Soil 3rd Grade

Timber Pine & Cedar

Undergrowth same + Buck
 grass

T. 18 N. R. 31 E. G. and S. R. M.

North - between Sections 15 & 16
Va. $14^{\circ} 11'$ East.

Descending gradually

21.20 Low sag bears E. and W.

28.00 Survey house bears due West
4.90 chs.

Ascending.

40.00 Set post 3 ft. long 3 ins. diam.
12 ins. in the ground with-
marked stone. for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face dug
pits - $18 \times 18 \times 12$ ins. N. & S. of
post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth -
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
around post.

75.00 Ridge bears E. and W. and
descending gradually.

80.00 Set post 4 ft. long 4 ins.
square 12 ins. in the ground
with-marked stone - for

T. 18 N. R. 31 E. S. 9 and S. R. M.

corner to Sections 9-10-15 and
 16 fr marked T. 18 N. S. 10 on
 N.E. R. 31 E. S. 15 on S.E. S. 16 on
 S.W. and S. 9 on N.W. faces, with
 4 notches on S. and 3 on E.
 edges. dug pits - $18 \times 18 \times 12$ ins
 in each Sec. $5\frac{1}{2}$ fr. dist &
 raised mound of earth - 2 fr.
 high $4\frac{1}{2}$ fr. base, around post.
 Land Rolling
 Soil 3rd. rate
 Understation Bunchgrass.

T. 18 N. R. 31 E. S. 1 and S. 2. Mo.

East on a true line between
frac. sec 10 + 15
Var $14^{\circ} 11' E$

22.60 Descend gradually in timber
Intersect Territorial line
21-40 chain North of 14 1/2
mile Cor. which is a post
5 ft long 6 in square firmly
set in the ground marked
141 on N. A on N & N.W.
on E face with pits 24 x 8 x 2 in
N, S, E and W. of post 6 ft dist
and a mound of earth
2 1/2 ft high 5 ft ~~square~~ ^{wide} around
post at which point C
set a post 4 ft long 4 in
square 12 in in the
ground with marked
stone for closing Cor to
frac. Sec 10 + 15 marked
C C T S N C S E on N O 10

7.18 N. R. 31 E. S. and S. R. M.

on N and S, 5 on S face
with 2 notches in N & 4 on
S face dug pits 15 x 15 x 12 in.
E, N & S of post 5 1/2 ft apart
and raised mound of
earth 2 ft high 4 1/2 ft base
around post

Land rolling & mountainous
Soil 3rd rate

Timber Pine & Cedar
Undergrowth same &
Bunchgrass

T. 18 N. R. 31 E. S. 9 and S. 10. M.

North, between sections 9 & 10
 Va. $14^{\circ} 11'$ East.

Descending gradually in
 timber.

20.70 Dry wash 12 lks. wide course
 S. 70° E.

Ascending

35.00 Spur bears West

Descending gradually

40.00 Set sandstone $18 \times 14 \times 10$ ins.

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

Sic. Cor. marked $\frac{1}{4}$ on W.

face, and raised a mound
 of stone, along side

Pile impracticable.

55.10 Dry wash 10 lks. wide course
 S. 80° E.

Ascend gradually

80.00 Set Sandstone $12 \times 11 \times 7$ ins.

8 ins in the ground for corner
 to sections 3-4-9 and 10

T. 18 N. R. 31 E. S. 4 and S. R. M.

marked with - 5 notches on
S. and 3 on E. edges. and
raised mound of stone
alongside.

Pits unpracticable

Land Rolling

Soil 2nd rate

Timber of Cedar

Undergrowth of same
and Bunchgrass.

T. 18 N. R. 31 E. G. & C. R. Mo.

East on a ~~traverse~~ line
between Trac Sec 3 & 10
Var $14^{\circ} 11' E$

Descend gradually in
timber

22.20 Intersect Territorial line
21.30 chs North of 140th Mile
Cor which is a sand stone
 $14 \times 14 \times 5$ in firmly set in
the ground marked 140
on N. Am W and N M
on E face with pits $24 \times$
 8×2 in N. E. E. & W of post
6 ft dia mound of earth
2 ft high 5 ft base around
post. At which point
Set a post 4 ft long 4 in
square 12 in in the
ground with marked
stone for closing Cor to
Trac Sec 3 & 10 marked

T. 18 N. R. 31 E. S. 4 and S. R. M.

C. C. T. 18 ~~N~~ R. 31 E. on N
 S. 30 on N & S. 10 on S faces
 with 1 notch on N & 5 notches
 on S face dug pits 18 x 18 x 12
 mi. N. S. & N of post
 5 1/2 ft dist and raised
 mound of earth 2 ft high
 4 1/2 ft base around post
 Land rolling
 Soil 2nd grade
 Timber Pine & Cedar
 Undergrowth sassa and
 Bunch grass

T. 18 N. R. 31 E. S. 4 and S. R. M.

North on a random line
between Sec 3 & 4

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

Across gradually in timber

40.00

Set temporary $\frac{1}{4}$ Sec Cor

80.23

Intersect N. Ry of the

11/2 mi West of the Cor to

Secs 3-4-33 & 34 ^{recently established} ~~which~~

~~is a post in earth mound
and site from which
Cor runs~~

S $5'$ W on a true line
between Sec 3 & 4

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

40.23

Set a sand stone $14 \times 12 \times$

9 mi 9 mi in the ground
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N fall and raised

a mound of stone alongside
Site impracticable

80.23

The Cor to Secs 3-4-9 & 10

T. 18 N. R. 31 E. S. 1 and S. R. 1 N.

Land rolling
Soil Bra rate
Timber Cedar
Dense undergrowth same
and Bunch grass.

I carefully examined the ad-
justments of my solar compass
today particularly the latitude
and leveling apparatus &
found them correct

~~Henry A. Cox.~~

Nov 29-1852

T. 18 N. R. 31 E. S. 1 and S. R. W.

From the Cor to Sec 4-5-
 32 & 33 ^{in S. 1/2 of S. 1/2} ~~which is a post~~ ^{recently established}
~~in earth mound & pits~~

by me I run

North between Sec 32 & 33
 Var $14^{\circ} 11' E$

Round gradually in timber

40.00 Set a post 3 ft long 3 in
 diam 12 mi in the
 ground with marked
 stone for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ S. on W face dug pits
 $15 \times 15 \times 12$ mi N & S of
 post $5\frac{1}{2}$ ft dist and
 raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 around post

50.00 Set a post 4 ft long
 4 mi square 12 mi in
 the ground with
 marked stone for

T. 18 N. R. 31 E. G. and S. R. M.

Cor to Sec 28-29-32 + 33
 marked T 18 N @ 28 on N E
 @ 31 E @ 33 on S. E. @ 32
 on S. N. + @ 29 on N W
 faces with 1 notch on
 S and 4 notches on E
 edges dug pits 18 x 18 x 12
 ins in each sec 5 1/2 ft apart
 and raised mound
 of earth 2 ft high 4 1/2
 ft base around post
 Land rolling
 Soil 2nd rate
 Timber Cedar
 Undergrowth same
 and grass

T18 N. R. 31 E. G. and S. R. M.

East on a random line between
Sections 28 and 33.

Va. $14^{\circ}11'$ East

Descending in timber

R. 50 Gulch 5 lks. wide course S. 70° E

Ascending gradually.

40.60 Set temporary $\frac{1}{4}$ Sec. Cor.

80.41 Intersect North- & South line
47 lks. South of corner to Secs.
27-28-33 and 34 from which
corner I run

S. $89^{\circ}40'$ West on a true line be-
tween Sections 28 and 33

Va. $14^{\circ}11'$ East

40.21 Set post 3 fr. long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on N. face
dug pits - $18 \times 18 \times 12$ ins. E.
and W. of post $5\frac{1}{2}$ fr. dist
and raised mound of earth;

T. 18 N. R. 31 E. G. and S. R. M.

1 1/2 ft high 3 1/2 ft base around
post

80. 41

The corner to Sections 28-29-33
and 32

Land Rollmig.

Soil 3rd. rate

Timber of Cedar

Undergrowth same and

Bunchgrass.

North. between Sections 28 & 29

Pa. 14° 11' East

Ascending in timber

17.00

Ridge bears E. and W.

Descending

40.00

Set post 3 ft. long 3 ins. diam. 12
ins. in the ground, with marked
stone for 1/4 Sec. Cor. marked 1/4
S. on W. face dug pits 18x18x12
ins. N. & S. of post 5 1/2 ft. dist.

T. 8 N. R. 31 E. S. 1 and S. R. M.

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

65.50 Gulch 10 lbs. wide course $N. 80^{\circ} E$

Ascend gradually

80.00 Set post 4 ft long 4 ins. square
 12 ins. in the ground, with
 marked stone for corner to
 Sections 20-21-28 & 29 marked
 S. 18 N. S. 21 on N.E. R. 31 E. S.
 28 on S.E. S. 29 on S.W. & S. 20
 on N.W. faces with 2 notches
 on S. and 4 on E edges dug
 pits - $18 \times 18 \times 12$ ins in each Sec.
 $5\frac{1}{2}$ ft. dist & raised a mound
 of earth - 2 ft high $4\frac{1}{2}$ ft.
 base around post.

Land Rolling

Soil 3rd. rate

Vegetation Bunchgrass

T. 18 N. R. 31 E. G. and S. P. M.

East on a random line between
Sections 21 and 28

Va. $14^{\circ}11'$ East

Descending gradually

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

80.17 Intersect North- & South-line
26 lbs. South of cor. to Secs.
21-22-27 & 28 from which corner
Iron

$589^{\circ}49'$ West on a true line between
Sections 21 and 28

Va. $14^{\circ}11'$ East

40.09 Set post 3 ft. long 3 ins. diam.
12 ins. in the ground, with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on N. face dug
pits-18x18x12 ins E. & W. of
post $5\frac{1}{2}$ ft dist. and raised
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft. base around post

80.17 The corner to Sections 20-21-

T. 18 N. R. 31 E. S. 1 and S. R. W.

28 and 29

Land Rolling

Soil 3rd. rate

Vegetation Bunchgrass.

North: between Sections 20 & 21

Va. $14^{\circ}11'$ East

Ascending in timber

40.00 Set post 3 fr. long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face dug
pits - 18 x 18 x 12 ins N. & S. of
post $5\frac{1}{2}$ fr. dist and raised
mound of earth - $1\frac{1}{2}$ fr high
 $3\frac{1}{2}$ fr base around post

50.00 Ridge bars $N 85^{\circ} E.$ and $S. 85^{\circ} W.$
Descending gradually

80.00 Set post 4 fr long 4 ins square
12 ins. in the ground, with-

T. 18 N. R. 31 E. G. and S. R. M.

marked stone for corner to
 Sections 16-17-20 & 21 marked
 T. 18 N. S. 16 on N.E. R. 31 E. S. 21 on
 S.E. S. 20 on S.W. & S. 17 on N.W.
 faces with - 3 notches on S. and
 4 on E. edges dug pits - 18 x 18 x 12
 ins in each sec. 5 1/2 ft. dist
 and raised mound of earth
 2 ft high 4 1/2 ft base around
 post. from which bears a
 Cedar 6 ins. diam. N. 13° E. 30 lbs.
 dist marked T. 18 N. R. 31 E. S. 16 B. J.
 Cedar 9 ins. diam. S 55° E 10 lbs. dist.
 marked T. 18 N. R. 31 E. S. 21 B. J.
 Cedar 4 ins. diam S. 40° W. 15 lbs. dist.
 marked T. 18 N. R. 31 E. S. 20 B. J.
 Cedar 8 ins. diam N. 20° W. 25 lbs. dist
 marked T. 18 N. R. 31 E. S. 17 B. J.
 Rolling Land. Soil 3rd rate
 Timber of Cedar. Undergrowth
 of same and Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

East on a random line between
Sections 16 and 21

Va. $14^{\circ} 11'$ East

Descending in timber.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.77 Intersect N. and S. line 24 lbs

North of corner to Sections 15

16-21 & 22 from which corner runs

$89^{\circ} 50'$ West on a true line

between Sections 16 & 21

Va. $14^{\circ} 11'$ East

39.89 Set post 3 fr. long 3 ins. diam.

12 ins. in the ground with-

marked stone, for $\frac{1}{4}$ Sec. Cor.

marked $\frac{1}{4}$ S. on N. face dug

pits - $18 \times 18 \times 12$ ins E. & W. of

post. $5 \frac{1}{2}$ fr. dist and

raised mound of earth - $1 \frac{1}{2}$

fr high $3 \frac{1}{2}$ fr. base around

post.

79.77 The corner to Sections 16-17-20 & 21

T. 18 N. R. 31 E. G. and S. R. M.

Land Rolling

Soil 3rd. rate

Timber of Cedar

Vegetation Bunchgrass.

North, between Sections 16 & 17
Va. $14^{\circ} 11'$ East

Descending in timber

10.50 Dry wash 10 lbs. wide course
N. 80° E.

Ascending

23.50 Spur bears N 80° E. and S 50° W,
Descend

40.00 Set post 3 ft. long 3 ins. diam.,
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face dug
pits - $18 \times 18 \times 12$ ins N. & S. of
post 5 ft. dist & raised
a mound of earth - $1\frac{1}{2}$ ft.

T. 18 N. R. 31 E. G. and S. R. M.

high $3\frac{1}{2}$ ft. base around post.

62.50 Dry wash 20 lbs wide course
S. 65° E.

Ascend.

80.00 Set post 4 ft long 4 in square
12 in. in the ground with-
marked stone for corner to
Section 8-9-16 + 17 marked
T. 18 N. S. 9 on N.E. R. 31 E. S. 16
on S.E. S. 17 on S.W. and S. 8 on
N.W. faces with - 4 notches
on S. and 4 on E. edges dug
pits - $18 \times 18 \times 12$ in in each
Sec $5\frac{1}{2}$ ft. dia. and raised
mound of earth - 13 ft high
 $4\frac{1}{2}$ ft. base around post
Land Rolling.

Soil 3rd. rate

Timber of Cedar

Vegetation Bunchgrass.

J. 18 N. R. 31 E. S. 4 and S. R. M.

East on a random line be-
tween Sections 9 and 16

Va. $14^{\circ} 11'$ East

Ascending gradually in
timber

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

80.09 Intersect N. and S. line 19 chs
South of corner to Secs. 9-10-15-
and 16 from which corner run
 $88^{\circ} 52'$ West on a true line
between Sections 9 and 16

Va $14^{\circ} 11'$ East

40.05 Set post $3\frac{1}{2}$ ft long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on N. face dug
pits - $18 \times 18 \times 12$ ins E. & W. of
post $5\frac{1}{2}$ ft. dist and
raised mound of earth-
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

T. 18 N. R. 31 E. G. and S. Co. M.

80.09 The corner to Sections 8-9-16
and 17

Land Rolling

Soil 3rd. rate

Vegetation Bunchgrass.

— — — — —
North: between Sections 8 & 9
Va. 14° 11' East

Ascending gradually

40.00 Set post 3 fr. long 3 ins.

diam. 12 ins. in the ground
with-marked stone for $\frac{1}{4}$

Sec. Cor. marked $\frac{1}{4}$ S. on W.

face dug pits-18x18x12 ins

N. & S. of post 5 $\frac{1}{2}$ fr. dist

and raised mound of earth-

1 $\frac{1}{2}$ fr high 3 $\frac{1}{2}$ fr base

around post

80.00 Set post 4 fr. long 4 ins square

12 ins. in the ground with-

T. 18 N. R. 31 E. S. 4 and S. 5. M.

marked stone for corner to
Sections 4-5-8 and marked
T. 18 N. S. 4 on N.E. R. 31 E. S. 9
on S.E. S. 8 on S.W. and S. 5 on
N.W. faces with 5 notches
on S. and 4 on E. edges dug
pits - 18 x 18 x 12 in in each

Sec. 5 1/2 ft. dist. and raised
mound of earth - 2 ft high
4 1/2 ft base around post

Land Rolling
Soil 3rd. rate

Timber of Cedar

Undergrowth of same and
Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

East. on a random line between
Sections 4 and 9

Va $14^{\circ} 11'$ East

Ascending in timber

35.00 Ridge bears N. 20° W. and S. 20° E.
Descending

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.96 Intersect N. & S. line 25 lbs.

South of corner to Secs 3-4-9-

10 from which corner I run

S $89^{\circ} 49'$ West on a true line

between Sections 4 and 9

Va. $14^{\circ} 11'$ East

39.98 Set post 3 ft. long 3 ins. diam.

12 ins. in the ground with-

marked stone for $\frac{1}{4}$ Sec. Cor.

marked $\frac{1}{4}$ S. on N. face dug

pits 18 x 18 x 12 ins E. & W. of

post $5\frac{1}{2}$ ft. dirt and raised

mound of earth $1\frac{1}{2}$ ft high

$3\frac{1}{2}$ ft base around post.

L. 18 N. R. 31 E. G. and S. R. M.

79.96 The corner to Sections 4-5-8
and 9
Land Rolling
Soil 3rd. rate
Vegetation Bunchgrass.
M. M. Harlan Nov 29-1852
— comparisons —

North on a random line be-
tween Sections 4 and 5.
Va 14° 11' East.

Ascend gradually in
Timber

21.00 Ridge bears N 70° E & S 70° W
& ascend

40.00 Set temporary 1/4 Sec Cor

50.17 Intersect North By
of Tr. 36 lks east of Cor
to Sec 32-33-4 & 5 ^{recently} ~~which~~

established by me

~~is a~~ is a ~~first~~ first ~~in~~ in ~~earth~~ earth ~~marked~~ marked
~~with~~ with ~~pile~~ pile ~~from~~ from ~~which~~ which
Cor I run

T. 18 N. R. 31 E. S. 4 and S. R. M.

S. 15° E on a true line
between Sec 4 + 5

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

40.17 Set a post 3 ft long 3 in
diam 12 in in the
ground with marked
stone for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ Ton N face
dug pit $18 \times 18 \times 12$ in E +
W of post $5\frac{1}{2}$ ft dia &
raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

80.17 The Cor to Sec 4-5-8+9
Land rolling
Soil 3rd rate & 2nd rate
Timber Cedar
Undergrowth same & Buck-
grass

S. 18 N. R. 31 E. G. and S. R. M.

From the Cor to Sec 5-6-
 31 ^{to} 32 in S. By of a ~~recently established~~ ~~by~~ ~~feet~~
~~which is a post 4 ft~~
 long 4 in square 4 in
 in the ground with
 marked stone & earth
 mound 2 ft high 4 1/2
 ft base around post pits
 18 x 18 x 12 in in each Sec
 post marked T 5 N @ 32
 in N. E. R 31 E @ 5 in O. E. @
 6 T 9 N in S. N. & @ 31 in
 N. W. face with 1 notch
 in West end 5 notches
 in E face. I run

North between Sec 32 &
 31
 Var 14° 11' E
 Run gradually in

T. 18 N. R. 31 E. S. 1 and S. R. M.

Truiber

18.60 Gulch 4 ~~the~~ wide course
S 50° E

Ascend gradually
40.00 Set a post 3 ft long
3 mi down 12 mi in the
ground for 4 Sec Corner
marked 4 S on W face
deposited marked stone
and pits 18 x 18 x 12 ins
N & S of post 5 1/2 ft apart
and raised mound
of earth 1 1/2 ft high
3 1/2 ft base around
post

80.00 Set a post 4 ft long 4 mi
square 12 mi in the
ground for Cor to Sec
29-30-31 & 32 marked
T 18 N S 29 on N. E. R 31 E
S 32 on S. E. S 31 on N

T. 18 N. R. 31 E. S. 1 and S. R. M.

and S 30 on N W faces
 with 1 notch on S^{and}
 5 notches on E edge
 dug pits 15x15x12 in
 in each Su 5 1/2 ft deep
 and raised mound
 of earth 2 ft high 4 1/2 ft
 base around post
 Land rolling
 Soil 2nd rate
 Timber Cedar
 Undergrowth same
 and Buck grass

L. 18 A. R. 31 E. G. and S. R. M.

East on a random line be-
tween Sections 29 and 32

Va. $14^{\circ}11'$ East

Descending gradually in
timber

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
79.57 Intersect N. & S. line 39 Ets.
North of corner to Sections 28-29
32 and 33 from which corner
run

$N89^{\circ}43'$ West on a true line
between Sections 29 and 32

Va $14^{\circ}11'$ East

39.79 Set post 3 ft long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on N. face dug
pits- $18 \times 18 \times 12$ ins E. and 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

T. 18 N. R. 31 E. G. and S. R. M.

post.

79.57 The corner to Sections 29-30
31 and 32

Land Rolling

Soil 3rd rate

Vegetation Bunchgrass

Henry A Coe Nov 30 - 1882

— — — — —

L. 18 N. R. 31 E. S. 1 and T. R. M.

Plat on a random line
between Sec 30 & 31

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

Round gradually in
Timber

40.00 Set temporary $\frac{1}{4}$ Sec Cor

79.44 Interest Plat By of The
16 lks North of Cor to

Sec 25-36-30 and 31

~~recently established by me
which Cor is a post $\frac{1}{4}$~~

~~ft long 4 mi square, in~~

~~partly marked with~~

~~posts from which Cor~~
I run

N $59^{\circ} 53'$ E on a true
line between Sec 30 &
31

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

39.44 Set a post 3ft long 3in
diam 12 in in the
ground with marked

J. 18 A. R. 31 E. G. and S. R. M.

stone for $\frac{1}{4}$ Cu Cor marked
 $\frac{1}{4}$ S on N face aug
 pits $18 \times 18 \times 12$ ins E & W
 of post $5\frac{1}{2}$ ft dist and
 raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 around post

79.44 The Cor to Sur 29-30-31
 & 32

Land rolling & moun-
 tainous

Soil 3rd rate

Timber of Pine & Cedar
 Under growth same
 & Burdock grass.

Carefully examined the adjust-
 ments of my solar Compass today
 particularly the latitude and
 reversing apparatus found them
 correct - ~~W. M. Hartman~~

~~Apr. 30 1852~~ Compassman

S. 18 N. R. 31 E. G. and S. R. M.

North: between Sections 29 & 30
 Va. $14^{\circ} 11'$ East

Ascending in timber

40.00 Set post 3 fr. long 3 ins. diam.
 12 ins. in the ground, with-
 marked stone for $\frac{1}{4}$ Sec.
 Cor. marked $\frac{1}{4}$ S. on W. face
 dug pits - $18 \times 18 \times 12$ ins N. & S.
 of post $5\frac{1}{2}$ fr. dia. and
 raised mound of earth -
 $1\frac{1}{2}$ fr high $3\frac{1}{2}$ fr base
 around post.

46.00 Ridge bears N. 75° E. and
 S. 75° W.

Descend gradually

64.00 Gulch 20 ths. wide course
 N. 50° E.

Ascending

80.50 Set post 4 ins square 4 fr.
 long, 12 ins. in the ground
 with-marked stone for

T. 18 N. R. 31 E. G. and S. R. M.

corner to Sections 19-20-29
and 30 marked T. 18 N. S. 20
on N. E. R. 31 E. S. 29 on S. E.
S. 30 on S. W. and S. 19 on N. W.
faces with - 2 notches on S.
and 5 on E. edges dug pits -
18 x 18 x 12 ins. in each Sec.
5 1/2 ft. dist. and raised a
mound of earth - 2 ft. high
4 1/2 ft. base around post.
Land Rolling
Soil 3rd. rate
Timber of Cedar
Undergrowth - of same
and Bunchgrass

T. 18 N. R. 31 E. G. and S. R. M.

East. on a random line be-
tween Sections 20 and 29

Va. $14^{\circ} 11'$ East

Ascending in timber

25.50 Spur bears S. E. and
descend

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.81 Intersect N. and S. line 9
ths. South of corner to Secs.
20-21-28 and 29 from which
corner from

S. $89^{\circ} 56'$ West on a line line
between Sections 20 + 29

Va. $14^{\circ} 11'$ East

39.91 Set post 3 fr long 3 in.
diam. 12 in. in the ground
with marked stone for
 $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S.
on N. face dug pits $15 \times 15 \times$
12 in E. & W. of post $5 \frac{1}{2}$
fr. dist and raised mound

T. 18 N. R. 31 E. G. and S. R. M.

79.81

of earth - $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post

The corner to Sections 19-20
29 and 30

Land Rolling

Soil 3rd. rate

Vegetation Bunchgrass.

~~I carefully examined the
adjustments of my solar
compass today particularly
the latitudinal and reversing
apparatus and found them
correct~~

~~Henry A. Cox~~

~~Nov 30 - 1882~~

T. 18 N. R. 31 E. S. 1 and S. R. M.

Met on a random line
between Secs 19 & 30
Var $14^{\circ} 11' E$

Ascend gradually in
trails

23.00 Ridge bears $N 10^{\circ} W$ & $S 10^{\circ} E$
and descend gradually

40.00 Set temporary $\frac{1}{4}$ Sec Cor.

79.41 Intersect West Bounda-
ry of the Township 21,
1/4 mi South of Cor. to Secs
24-25-19 & 30 ^{recently established by me}

~~Corner is a post in
earth mound and
site from which Cor
& run~~

$S 79^{\circ} 51' E$ on a true
line between Secs 30 & 19
Var $14^{\circ} 11' E$

89.41 Set a post 3 ft long
3 in diam 12 in in

T. 18 N. R. 31 E. S. 1 and S. 2. M.

the ground with marked
stone for $\frac{1}{4}$ Sec Corner
marked $\frac{1}{4}$ Sec N face
and pits $15 \times 15 \times 12$ mi E
& W of post $5\frac{1}{2}$ ft dist
and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$
ft base around post

79.41 The Cor to Secs 19-20-29+30

Land rolling and
mountainous

Soil 3rd & 2nd rate

Timber Cedar

Undergrowth same &

grass

~~M. M. Harlan~~

~~Compassman~~

~~Nov 30 - 1852~~

T. 18 N. R. 31 E. G. and S. R. Mo.

North: between Sections 19 & 20
 Va. $14^{\circ}11'$ East

Ascending gradually in
 timber

40.00 Set sandstone $12 \times 10 \times 9$ in
 8 in in the ground for $\frac{1}{4}$
 Sec. Cor. marked $\frac{1}{4}$ on W.
 face, and raised mound
 of stone along side.

Pits impracticable.

59.00 Ridge bears E. and W.
 Ascending

86.00 Set stone $12 \times 8 \times 6$ in 8 in
 in the ground, for corner
 to Sections 17-18-19 and 20
 marked with - 3 notches on
 S. and 5 on E. edges, and
 dug pits $18 \times 18 \times 2$ in, in
 each Sec. $5\frac{1}{2}$ ft. dist and
 raised mound of earth -
 2 ft. high $4\frac{1}{2}$ ft. base

T. 18 N. R. 31 E. G. and S. R. M.

stone.

Land Rolling

Soil 3rd. rank

Vegetation Bunchgrass,

Henry A. Co., Nov 30-1882

East on a random line be-
tween Sections 17 and 20

Va $14^{\circ} 11'$ East

Descending in timber

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

48.75 Dry wash 20 ft wide course
S. 15° E

Ascending

65.00 Spur bears S 13° W.

Descending

80.15 Intersect N. & S. line 20 lbs.

South of corner to Sections 16-17
20 & 21 from which corner I run
S 89° 57' West on a line line be-
tween Sections 17 and 20

T. 18 N. R. 31 E. G. and S. R. M.

40.08 Va. 14° 11' East
 Set post 3 ft. long 3 ins. diam.
 12 ins. in the ground with-
 marked stone for 1/4 Sec. Cor.
 marked 1/4 S. on N. face
 dug pit - 18 x 18 x 12 ins E. & W.
 of post 5 1/2 ft. dist. and
 raised mound of earth -
 1 1/2 ft high 3 1/2 ft base
 around post

80.15 The corner to Sections 17-18
 19 and 20

Land Rolling
 Soil 3rd. rd. H

Timber of scattering
 Cedar

Undergrowth of same
 and Bunch grass.

Henry A Coe

Nov 30 - 1852

T. 18 N. R. 31 E. G. and S. R. M.

Went on a random line
between Sec 18 & 19
Var 14° 11' E

Quena gradually in
Timber

27.70 Dry wash 3 lks wide
course N. E. ^{Qu}

Quena gradually

40.00 Set temporary 1/4 Sec Cor

79.38 Intersect West By of
Township 13 lks North
of Cor to Sec 13-15-19
& 24 ^{recently established by me -}
~~which corner~~
~~is a post in earth~~
~~marked and pits~~
from which Cor I
run

N. 89° 54' E on a true
line between Sec 18 & 19
Var 14° 11' E

39.38 Set a post 3 ft long line

T. 18 N. R. 31 E. G. and S. R. M.

diam 12 in in the ground
with marked stone for
1/4 Sec Cor marked 4.1.
on N face dug pits 15x15x
12 in E & W of post 5 1/2
ft dist and raised a
mound of earth 1 1/2 ft
high 3 1/2 ft base around
post

79.38 The Cor to Sec 17-18-19
& 20

Land rolling & mountain
one

Soil 2nd rate

Timber Pine

Undergrowth same

& Bunch grass

~~I carefully examined the ad
justments of my Solar Compass
today particularly the latitude and leveling
apparatus found them correct
M. M. Hudson Compassman Nov 30 1872~~

T. 18 N. R. 31 E. S. 4 and S. R. M.

North. between Sections 17 & 18
Va. $14^{\circ} 11'$ East

Descending in timber

38.25 Dry wash 3 lks. wide course
N. 50° E.

Ascending

40.00 Set post 3 ft. long 3 ins. diam.
12 ins. in the ground with
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face
dig pits - $18 \times 18 \times 12$ ins N. &
S. of post $5 \frac{1}{2}$ ft. dist and
raised mound of earth -
 $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base
around post.

66.00 Spur bears West. and
descend

73.50 Dry wash 4 lks. wide course
S. 80° E

Ascending

80.00 Set sandstone $18 \times 16 \times 10$ ins. 12

T. 18 N. R. 31 E. G. and S. R. M.

ms. in the ground for corner
to Sections 7-8-17 and 18
marked with 4 notches on
S. and 3 on E. edges, and
raised mound of stone
along side.

Pds. impracticable

Land Rolling

Soil 3rd. rate

Vegetation Bunchgrass.

Hurry a Cor No 30 - 1852

East on a random line be-
tween Sections 8 and 17

Va. 14° 11' East

Ascending in timber

40.00 Set temporary 1/4 Sec. Cor.

79.94 Intersect N. and S. line 17 lbs

North of corner to Sections 8-
9-16 and 17 from which
corner I run

T. 18 N. R. 31 E. S. 9. and S. R. M.

N. $89^{\circ} 53'$ West on a true line
between Sections 8 and 17

Pa. $14^{\circ} 11'$ East

39. 97 Set post 3 fr. long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ S. on N^o
face dug pits $18 \times 18 \times 12$ ins
E. & W. of post $5\frac{1}{2}$ fr. dist
and raised mound of earth
 $1\frac{1}{2}$ fr. high $3\frac{1}{2}$ fr base
around post.

99. 94 The corner to Sections 7-8-17
and 18

Land Rolling

Soil 3rd. rate

Timber of Cedar

Undergrowth of same and
Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

West on a random
line between Sec 7 &
15

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

Quadrant in Timber

40.00 Set temporary $\frac{1}{4}$ Sec
Cor.

42.50 Dry Wash 3 lks wide
course S 70° E

79.13 Intersect West Bounda-
ry of Township 9 lks
North of Corner to Sec-
tions 7-12-13 & 15

~~regularly
established by me
as a first 4 ft by 4 ft
square in mound
of earth 2 ft high 4 1/2
ft base around post
pits 15 x 15 x 12 in in
each Sec 5 1/2 ft dist
from which Cor D
run~~

T. 18 N. R. 31 E. S. 9. and S. R. M.

N. $89^{\circ} 53'$ West on a true line
between Sections 8 and 17

Pa. $14^{\circ} 11'$ East

39. 97

Set post 3 fr. long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ S. on No

face dug pits $18 \times 18 \times 12$ ins
E. + W. of post $5\frac{1}{2}$ fr. dist
and raised mound of earth-
 $1\frac{1}{2}$ fr. high $3\frac{1}{2}$ fr base
around post.

79. 94

The corner to Sections 7-8-17
and 18

Land Rolling

Soil 3rd. rate

Timber of Cedar

Undergrowth of same and
Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

West on a random
line between Sec 7 &
18

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

Quand in Timber

40.00 Set temporary $\frac{1}{4}$ Sec
Cor.

42.80 Dry Wash 3 lks wide
course S. 70° E

79.13 Intersect West Bounda-
ry of Township 9 lks
North of Corner to Sec-
tions 7-12-13 & 15 ^{regularly}

~~established by me
as a first 4 ft long 4 in
square in mound
of earth 2 ft high $4\frac{1}{2}$
ft base around post
pile 18x18x12 in in
each Sec $5\frac{1}{2}$ ft dist
from which Cor &
run~~

T. 18 N. R. 31 E. G. and S. R. M.

N 89° 56' E on a true
line between Sec 7 &
15.

Var 14° 11' E

3913* Set a post 3 ft long
3 ins diam 12 ins
in the ground with
marked stone for
¼ Sec E or marked
¼ Sec N face aug
pits 18 x 18 x 12 in
E & W of post 5 ½ ft
dist and raised
a mound of earth
1 ½ ft high 3 ½ ft
base around post

79.13 The Corner to Sections
7-8-17 & 18

Land rolling
and mountainous
Set 2nd rate

T. 18 N. R. 31 E. S. 1 and S. 2, R. 1 W.

Timber Cedar
Undergrowth Same
and Bunch grass

~~W. M. & C. L. Company~~
~~Nov 30 - 1882~~

North - between Sections 7 & 8
Va. 14° 11' East

Descending in timber

40.00 Set post 3 ft. long 3 ins. diam.
12 ins in the ground with-
marked stone for 1/4 Sec.
Cor. marked 1/4 S. on W.
face dug hole - 18 x 18 x 12 ins.
N. & S. of post 5 1/2 ft. dia't
and raised mound of
earth - 1 1/2 ft high 3 1/2 ft
base around post.

T. 18 N. R. 31 E. G. and S. R. M.

80.00 Set post 4 ft. long 4 ins. square
12 ins. in the ground with-
marked stone for corner to
Sections 5-6-7 and 8 marked
T. 18 N. S. 5 on N.E. R. 31 E. S. 8
on S.E. S. 7 on S.W. and S. 6 on
N.W. faces. with 5 notches on
S. and 5 on E. edges dug pits
18x18x12 ins in each Sec 5 1/2
ft. deep and raised a
mound of earth 2 ft.
high 4 1/2 ft. base around
post.

Land Rollrig

Soil 3rd. rate

Timber of Cedar

Vegetation: Bunchgrass.

T. 18 N. R. 31 E. G. and S. R. M.

East on a random line be-
tween Sections 5 and 8

Va. $14^{\circ}11'$ East

Ascending in timber

40.00 Set temporary $\frac{1}{4}$ Sec. Cor. on
top of ridge bearing N. 50° E.
and S. 50° W.

Descending

79.82 Intersect North and South-
line 9 lbs. North of corner to
Sections 4-5-8 and 9 from
which corner runs

A. $89^{\circ}56'$ West on a line line
between Sections 5 and 8

Va. $14^{\circ}11'$ East

39.91 Set post 3 ft long 3 ins. diam.
12 ins. in the ground with-
marked stone for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on N. face dug
pits-18x18x12 ins E. and W.
of post $5\frac{1}{2}$ ft. dist and

T. 18 N. R. 31 E. G. and S. R. M.

raised mound of earth - $1\frac{1}{2}$
ft high $3\frac{1}{2}$ ft. base around
post.

79.82 The corner to Sections 5-6-7
and 8

Land Rolling

Soil 3rd. rate

Timber of scattering Cedar
Bunch grass vegetation.

Henry A Cox

Nov 30-1882

S. 18 N. R. 31 E. G. and S. R. M.

Met on a random line
between Sec 6 & 7

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

Descend gradually in
traces

26.50 Low depression bears $N50^{\circ}E$
and $S50^{\circ}W$

Ascend gradually

40.00 Set temporary $\frac{1}{4}$ Sec Cor

55.00 Spur bears $S60^{\circ}W$ +

Descend gradually

79.10 Intersect West $\frac{1}{4}$ of

$\frac{1}{4}$ 40 lbs S of Cor to

Sec 6-7-1 & 12 ^{recently established}

by me

~~to a post in earth
mound and pits~~

from which Cor Drum

$S59^{\circ}43'$ E on a true
line between Sec 6 & 7

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

39.10 Set post $3\frac{1}{2}$ long 3 in

S. 18 N. R. 31 E. T. 3. and S. R. M.

diam 12 mi in the
ground with marked
stone for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ C. on N face
aug pits 15x15x12 mi E & N
of post 5 1/2 ft dist and
raised mound of earth
1 1/2 ft high 3 1/2 ft base around
post

79.10 The Cor to Sec 5-6-7 & 8
Land rolling Soil 2nd rate
Timber Pine & Cedar
Undergrowth Same
& Branchgrass

T. 18 N. R. 31 E. Land S. P. M.

North on a random line
between Sus 5 & 6

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

Quena gradually in
Trench

15.20 Low Depression bears
 $N 30^{\circ} E$ and $S 30^{\circ} W$

Quena gradually

40.00 Set temporary $1/4$ Sec
corner

80.14 Intersect North By
of Tr 23 like West of
Cor to Sus 5-6-31 & 32

~~recently established by me
which is a post in
earth mound and~~

~~posts from which Cor
& run~~

$S 10^{\circ} W$ on a true line
between Sus 5 & 6

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

40.14 Set a post 3 ft long

T. 18 N. R. 31 E. G. and S. R. M.

3 mi diam 12 mi in
the ground with
marked stone for $\frac{1}{4}$
Sec Corner marked
 $\frac{1}{4}$ S on W face aug
pits 15 x 15 x 12 in
N & S of post 5 $\frac{1}{2}$ ft
out and raised a
mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft
base around post

50.14

The Corner to Sec 5-6-
7 & 8

Land mountainous
and rolling

Soil 2nd rate

Timber Cedar

Undergrowth same and

Bunch grass

~~M. W. Carlson~~

~~Compassman Nov 30 1852~~

General Description

The land in this Township is rolling and mountainous

It is covered with a growth of scrub cedar & Pine and an abundance of nutritious grass which affords excellent grazing.

The Soil is sandy loam and can be classed as 2nd rate

Aneto Orceola has a house corral and garden in Sec 16. He is the owner of large number of sheep

For Final Oathes - See Book 13 -
Subdivision of Tp 1, R. 2 & E

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of Twp.
18 North, Range 31 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Henry A. CoeDeputy Surveyor, under his contract of the 20th
day of July, 1882, having beencritically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.

J. W. P. Smith
Surveyor General.



TOWNSHIP PLOT

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.

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Township No. 18th Range No. 31st E. 8th S. 2nd W. Meridian.

Edward Deany & Co., Stationers and Printers, Drawing Material, Rio, 512 Sec'io. St., S. F.

