

Indexed
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FIELD NOTES

OF BOOK 376

The *Subdivision* Lines of
Township *20 North* Range *31 E*
G. & S. R. Meridian, California,

BY

W. R. Fitzgerald Deputy Surveyor,

under his contract of *July 17th* 1882

Survey commenced *July 5th* 1882

Survey completed *Nov 16th* 1882

Platted by *Cherman & Smith* 188

Copied for Washington by 188

Copied for Register by 188

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20 N

BOOK 376

Range

31 E.

Land A B M

Meridian.

6	77	5	44	4	23	3		2		1
75	75		43		22					
7	70	8	40	9	19	10		11		12
68	66		38		17					
18	64	17	36	16	15	15		14		13
62	60		34		13					
19	58	20	32	21	10	22		23		24
56	54		30		8					
30	52	29	29	28	6	27		26		25
50	48		27		4					
31	46	32	25	33	3	34		35		36

T. 20 N. R. 31 E. S. 1 and S. 2 R. M.

From the bar to Tree 3-4-33 + 34 on S.
 By a T_p which is a post 4 ft long 4 ins
 square 12 ins in the ground marked
 N 20 N. S 34 on N. E. R 31 E S 3 on S. E. T_p
 N. S 4 on S. W. & S 33 on N. W. face with
 3 notches in E & 3 on W edge with mound
 & pile from which bears. A Cedar 2 1/2
 ins diam N 15 W 37 like dirt marked
 T 20 N R 31 E S 33 B T.
 A Cedar 16 ins diam N 45 E 5 lbs dirt
 marked T 20 N R 31 E S 34 B T.
 A Cedar 20 ins diam S 54 E 9 lbs
 dirt marked T 19 N R 31 E S 33 B T. ~~Drum~~

North between Trees 33 + 34
 Var 14° 15' E

Ascum nitidum

40.00

Shap post 3 ft long 3 ins diam 12 ins
 in the ground with markers stone
 for 1/4 S. W. marked 1/4 S. on W face
 dug pit 18 x 18 x 12 ins W & S post 5 1/2
 T_p dirt and raised mound quartz
 1 1/2 ft high 3 1/2 ft base around post from
 which bears. A Pine 4 ins diam
 N 58 W 91 lbs dirt marked 1/4 S. E. T.
 A Cedar 20 ins diam S 34 E 17 lbs dirt
 marked 1/4 S. E. T.

44.70

Splich 4 lbs wide Course E. *Ascum*

T. 20 N. R. 31 E. S. 1 and S. 2. W.

50.00 Set a post 4 ft long 4 in square 12 in
in the ground with marked stone
for Cor to Sec 27-28-33 & 34, marked
T 20 N. S 27 on N.E. R 31 E S 34 on
S.E. S 33 on S.W. & S 28 on N.W. face
with 1 notch on S & 3 notches on
E. Set a post 18 x 18 x 12 in in
with Sec 5 1/2 ft dist & record
measured of width 2 ft high 4 1/2
ft base around post

Land rolling

Set 3rd post Timber Pine Cedar
Undergrowth some grass

East on a true line between
Secs 27 & 34

Var 14 1/4 E.

Deciduous scrub timber

22.76

Intersect the Territorial line
22.27 miles north of the 132nd

T. 20 N. R. 31 E. G. and S. R. M.

Mile Post which is a post 5 ft
long 6 in square firmly set in the
ground with mound and pile
post marked T 20 N. R. 31 E. G. and S. R. M.
and N. M. on E face with pile 24 x 15 x
12 in N. S. E. W. of post 6 ft high & earth
mound 2 1/2 ft high 5 ft base around post
at which point I set a post 4 ft
long 4 in square 12 in in the
ground with marked stone for Cle-
ary Cor. to Fair. Sec 27 & 34
marked T 20 N. R. 31 E. G. and S. R. M.
N. S. 34 on S and S 27 on N
faces. ~~at 500 yds from~~
aug pile 10 x 10 x 12 in N. S.
& W. of post 5 1/2 ft high with 5 notches
on N. & 1 notch on Sides & raised a
mound of earth 2 ft high 4 1/2 ft base
around Post

Sand, polling Soil 3rd rate Timber
& Undergrowth of Pine & Cedar

To N. R. & E. G. and S. R. M.

North: between Sections 27 & 28
Va. $14^{\circ} 15'$ East.

Ascending in timber

38.00

Ridge bears E. & W. descending

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. or W. face, dug
pits - $18 \times 18 \times 12$ ins N. and 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, from
which bears a

Cedar 20 ins. diam. $N. 30^{\circ} W.$ 18 fms.
dist. marked $\frac{1}{4}$ S. B. T.

Cedar 16 ins. diam. $S. 65^{\circ} E.$ 42 fms.
dist. marked $\frac{1}{4}$ S. B. T.

80.00

Set post 4 ft. long 4 ins. square
12 ins. in the ground with
marked stone for corner to Sec.

S. 20 N. R. 31 E. T. and S. P. M.

towers 21-22-27 and 28 marked
 S. 20 N. S. 22 on N.E. R. 31 E.
 S. 27 on S.E. S. 28 on S.W. and
 S. 21 on N.W. faces. with 2
 notches on S. and 3 on E.
 edges, dug pits-18x18x12 in
 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 Pine and
 Cedar

Undergrowth of same with
 Bunchgrass.

C. 20 N. R. 31 E. G. and S. B. M.

Cast on a true line
between Sec 22 & 27
Var $14^{\circ} 14'$ E

22.93 ^{Ground in timber}
Intersect Territorial Line
22.46 chs North of the 13th
Mile post which is a
post 5 ft long burr square
12 ins in the ground
with mound and pile
24x18x12 in. 8 ft. of post 6 ft. high
~~post~~ marked A on N. W. W. corner
E. and 31 on N. face, ^{with a} raised
mound with staff high 5 ft base,
at which point I mark-
ed a pine tree true diam
for clearing Cor to Trav.
Sec 22 & 27 marked
6.6. T 20 N. R. 31 E. on N
S 22 on N & S 27 on S face
with 4 notches on N & 2

T. 20 N. R. 31 E. G. and S. P. Mo.

on S face dug pits 10 x
15 x 12 in N, W, + S of
tree 5 1/2 ft dia and raised
mound of earth 2 ft
high 4 1/2 ft dia around
tree

Land pollen's

Soil 3rd state

Timber Pine + Cedar

Undergrowth same

+ Bruchgrass

T. 20 N. R. 31 E. S. 1 and S. R. M.

North. between Sections 21 & 22
Va. $14^{\circ}15'$ East

Descending in timber

17.00 Gulch 4 lks. wide course 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. dug

pit - $18 \times 18 \times 12$ ins. N. and 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. from which bears a

cedar 20 ins. diam. $N 35^{\circ} W$. 68 lks.

dist. marked $\frac{1}{4}$ S. B. T.

cedar 20 ins. diam. $S 71^{\circ} E$. 31 lks. dist.

marked $\frac{1}{4}$ S. B. T.

49.00 Ridge bears E. and W.

Descending.

T. 20 N. R. 31 E. S. 1 and S. 20, M.

65.20 Louisa bears N. 65° W. and
S. 65° E.

Ascending,

80.00 Set post 4 ft. long 4 in square
~~with marked stone~~
in the ground, for cor-
ner to Sections 15-16-21 and
22 - with marked stone -
marked T. 20 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 x 18 x 12 in.
in each Sec. 5 1/2 ft. dist. and
raised a mound of earth -
2 ft. high 4 1/2 ft. base around
post, from which bears a
Pine 4 in. diam. S. E. 37 lbs.
dist. marked T. 20 N. R. 31 E.
S. 15 B. T.

Cedar 18 in. diam. S. 29° E. 48 lbs.

T. 20 N. R. 31 E. Contd S. R. III.

dist. marked T. 20 N. R. 31 E.
S. 22 B. T.

Pine 18 ins. diam. S. 75° W. 11 lbs. dist.
marked T. 20 N. R. 31 E. S. 21 B. T.

Pine 10 ins. diam. S. 14° W. 54 lbs.
dist. marked T. 20 N. R. 31 E.
S. 16 B. T.

Land Rolling

Soil 2nd. 1st

Timber of Pine and Cedar

Undergrowth of same with

Bunchgrass.

T. 20 N. R. 31 E. G. and S. R. M.

East on a true line be-
tween True 15 + 22

Var $14^{\circ} 15' E$

Depend in timber

22.67

Intersect Territorial line,
22.11 chain N. of the 130th
mile corner which is

A sand stone $20 \times 16 \times 16$ inc
15 inc in the ground mark-
ed 130 m N. 2 m W. and
15 m E face.

with mound of earth 2 1/2
ft high, 5 ft base along
side, at which point

Set a post 4 ft long
4 inc square 12 inc in
the ground for bluing
corner to True. True 15 + 22
marked T 20 N R 31 E 6.6
m W. S 15 m N, S 22 m E.

T. 20 N. R. 31 E. S. 1 and S. R. M.

face with 3 notches on S
 and 3 on N face deposited
 marked stone, aug pits
 15 x 15 x 12 in N, W, & E of
 post 5 1/2 ft dia & raised
 mound of earth 2 ft high
 4 1/2 ft base around post
 land rolling
 Soil 3rd rate
 Timber Cedar & Pine
 Undergrowth Same
 & Bruch grass

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

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

Ascending in timber

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 x 18 x 12 ins N. and 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. from which bears a
cedar 18 ins. diam. N. 77° W. 14 lbs
dist. marked $\frac{1}{4}$ S. B. T.

Cedar 18 ins. diam. S. 84° E. 29 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

41.00

Ridge bears N. 65° E. and S. 65° W.

Descending

80.00

Set post 4 ft long 4 ins. square
12 ins. in the ground with -

T. 20 N. R. 31 E. S. 9 and S. R. M.

marked stone for corner to Sics.
 9-10-15 and 16, marked T. 20 N
 S. 10 N. E. R. 31 E. S. 15 on S. E.,
 S. 16 on S. W. & S. 9 on N. W. faces
 with 4 notches on S. and 3 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 first
 from which bears a
 Cedar 16 ins. diam. N. 41° E. 34 lks
 dist. marked T. 20 N. R. 31 E. S. 10 B. T.
 Pine 10 ins. diam. S. 12° W. 27 lks. dist
 marked T. 20 N. R. 31 E. S. 16 B. T.
 Cedar 20 ins. diam. N. 21° W. 17 lks.
 dist. marked T. 20 N. R. 31 E. S. 9 B. T.
 No other trees within limits.
 Land Rolling. Soil 3rd. rate -
 Timber of Pine & Cedar. Under-
 growth of same & Bunchgrass.

No. 20 N. Ro. 31 E. G. and S. R. W.

East on a Fair line between
Line 10 & 15

Var $14^{\circ} 15'$ E

Remains in Timber

22.55

Intersect Territorial Line

23.30 change North of the

29th mile. Cor which

is a post 5 ft long 6 in

square 12 in in the

ground marked 12^o on

N. and 1/2 and 1/2 on E

face with pits 24 x 18 x 12 in

N. S. E. + N. of post 6 ft dist

to a 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

T. 20 N. R. 31 E. G. and S. R. M.

stone for Epine's Cove
 near to Fraternal
 Autumn 15 & 10 marked
 T 20 N. R 31 E to 6 on
 West. S 10 on N S 15 on
 South face with 2 notches
 in north and 4 notches
 on South face and pit
 15 x 15 x 12 in South West
 and North of post 5 1/2
 feet dist and raised
 a mound of earth
 8 ft high 4 1/2 ft base
 around post
 Land rolling
 Soil. Bra. rate
 Timber and Undergrowth
 of Cedar & Pine

To N. Co. 31 E. G. and S. Co. M.

North. between Sections 9 & 10
Va. 14° 15' 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. 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

T. 20 N. R. 31 E. S. 4 and S. R. M.

post. from which bears a
Pine 6 ins. diam. N. 12° E. 39 lbs.
dist. marked 1/4 S. B. I.

Pine 4 ins. diam. S. 47° W. 81 lbs.
dist. marked 1/4 S. B. I.

57.00 Gulch 6 lbs. wide course S. W.

Ascending

80.00 Set post 4 ft. long 4 ins square
12 ins. in the ground with marked
stone for corner to Sections 3-14
9 and 10 marked T. 20 N. S. 3 on
N. E., R. 31 E. S. 10 on S. E., S. 9 on
S. W. & S. 4 on N. W. faces, with
5 notches on S. and 3 on E. edges
dug pits - $18 \times 18 \times 12$ ins 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. from
which bears a

Cedar 18 ins. diam. S. 65° E. 87 lbs.

T. 20 N. R. 31 E. G. and S. P. M.

dick. marked T. 20 N. R. 31 E.
S. 10 B. T.

Cedar 16 ins. diam. S. 7° W., 58 lbs.
dick. marked T. 20 N. R. 31 E.
S. 9 B. T.

Cedar 12 ins. diam. N. 69° W. 16 lbs.
dick. marked T. 20 N. R. 31 E. S.
4 B. T.

No other trees within limits.

Land Rolling

Soil 3rd. + 4th

Timber of Pine and Cedar
Undergrowth of some
with. Bunchgrass.

T. 20 N. R. 31 E. S. 4 and S. R. M.

East. on a true line between
Sections, 3 and 10

On 14° 15' East.

Runs in timber.

2286

Crosscut the Territorial
Line 22.07 chains North of
128th mile post which
is a Cedar 22 ins diam
marked 128 on N. A on W
and 2 M on N face with
posts 24 x 5 x 12 in N. S. E. & W
of tree 6 ft dist and
~~run~~ mound of earth
2 1/2 ft high

5 ft back around tree,

at which point © set a post
4 ft long 4 in square 12 in
in the ground with
marked stone for closing

T. 20 N. R. 31 E. S. and T. R. 111.

^{Face}
 Cor to Sec 3+4 marked
 C. C. T 20 N R 31 E on
 N. S 3 on N + S 10 on S face
 with 1 notch on N + 5 notches
 on E. face aug pit 10 x 15 +
 12 in N, N + S of post
 5 1/2 ft dia + raised mound
 of earth 2 ft high 4 1/2 ft dia
 around post
 Land polling Oil 3rd rate
 Timber + Undergrowth of
 Pine + Cedar

North on a true line be-
 tween Sec 3 + 4.

Var 14° 15' E

Acacia in timber

Ridge bears N E + S W

Dubona

Set a post 3 ft long 3 in

35.00

40.00

T. 20 N. R. 31 E. S. 4 and S. R. 31 W.

13/4

diam 12 mi in the ground with marked
 stone for Sec 33 or marked Sec 34 on
 N face and pits 15x15x2 mi N & S of
 post 5 1/2 ft dia & raised mound of
 earth 1 1/2 ft high 3 1/2 ft base around post
 Intersect 5th Standard Parallel
 with 12.55 chains West of Standard
 Sec to Sec 33+34 ^{Sec 33, 34, 35, 36 here established by law} at which point
 Set a post 4 ft long 4 mi square
 12 mi in the ground for closing
 corner to Secs 3+4 T. 20 N R. 31 E
 marked T. 20 N R. 31 E S. 4 on S.
 33 on E & S 4 on N faces with 3
 notches on E & N faces and pits
 15x15x2 mi S. E. & W. of post 5 1/2 ft
 dia & raised mound of stone
 2 ft high 4 1/2 ft base around
 post from which bears
 a line 4 mi diam S. 17° E 26 lks dist
 marked T. 20 N. R. 31 E S. 3 B. T.

T20 N. R. 31 E. S. 4 and S. P. Me.

A pm 4 mi diam S 17° W
104 lke dist marked T20 N
R 31 E S 4 P. T.

Land rolling

Soil 3rd rate

Timber Pine Cedar

Undergrowth same

Brunch grass W.R. Th. Gerald
185-1883

From the Co to Sec 32 33-47 5
on S.P. which is a post 4 ft
long 4 mi square 12 mi in the ground
with marked stone in corners &
picks ^{in ft. dist. - each sec} marked T20 N. S 33 on N E
R 31 E S 4 on S. E. S 19 N S 5 on
S. W. & S 2 on N W faces with 4 m. dist
on E & 2 on W edges Open
North between Sec 32 & 33
N 14° 15' E
Acacia in Timber

T. 20 N. R. 31 E. S. 1 and S. 2, Mo.

40.00

Stake post 3 ft long 3 mi diam 12 mi
in the ground with marked stone
for 4 Sec Cor marked 1/4 Sec N face
avg pits 18 x 18 x 12 mi N 7 S 4 post
5 1/2 ft dist 7 raised mound of earth
1 1/2 ft high 3 1/2 ft base around post

80.00

Stake post 4 ft long 4 mi square
12 mi in the ground with marked
stone for Cor to Sec 28-29-32 & 33
marked T 20 N. S 28 on N. E.
R 31 E. S 33 on S. E. S 32 on
S. W. and S 29 on N. W. face
with 1 notch on S 7 4 on E edge
avg pits 18 x 18 x 12 mi in each Sec
5 1/2 ft dist and raised a mound
of earth 3 1/2 ft high 4 1/2 ft base around
post

Land rolling Soil 3rd rate
Timber Pine & Cedar

Undergrowth Sassa. & Bruckey trees

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

East on a random line between
Sections 28 and 33

Va. $14^{\circ}15'$ East.

Ascending in timber.

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

79.68 Intersect North and South
line 27 chs. North of corner to
Sections 27-28-33 and 34 from
which corner run

$189^{\circ}218'$ West on a true line be-
tween Sections 28 and 33

Va. $14^{\circ}15'$ East

39.84 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 and
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 post

T. 20 N. R. 31 E. S. 1 and S. 2 R. 1 W.

Iron which bears a

• One 10 mis. diam. N. 60° W. 15 lbs.
dist. marked 44 S. B. I.

One 18 mis. diam. S. 38° E. 91 lbs.
dist. marked 44 S. B. I.

79. 68 The corner to sections 28-29-32
and 33.

Land Rollin

Soil 3rd. salt

Timber of Pine and Cedar

Undergrowth of same with
fine Bunchgrass.

T. 20 N. R. 31 E. G. and S. R. M.

North. between Sections 28 & 29

Va. $14^{\circ} 15'$ East

Descending on timber

31. 20 Gulch 4 1/2 m. wide course West
Ascending.

40.00 Set post 3 ft. long 3 ins. diam. 12
ins. in the ground for 1/4 Sec.
Cor. (with marked stone) for
banked 1/4 S. on W. face dug
pits 18x18x12 ins No. and S. of
post 5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high 4 1/2
ft. base around post.

73. 80 Ridge bears $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$
Descending

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 and 29 marked
T. 20 N. S. 21 as N. E. R. 31 E. S. 28

St. 20 N. R. 31 E. S. and S. R. 7th.

on S. E. S. 29 on S. W. and S. 20 on
N. W. faces with 2 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 a mound of earth
2 ft. high 4 1/2 ft. base around
each.

Land Rollino

Soil 3rd. nat.

Timber of Pine and Cedar

Undergrowth of ferns and

Bunchgrass.

East on a sandy loam line between

Sections 21 and 28

Va. 14° 13' East

Ascending in timber

No. 70 Ridge bears N. 60° E. and S. 60° W.

Ascending.

T. 20 N. R. 31 E. S. 1 and 2. R. 1. W.

- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 80.13 Intersect North and South
line 31 Ebs. South of corner to
Sections 21-22-27 and 28
from which corner I run
S. 89° 47' West on a line line
between Sections 21 and 28
Var. 14° 15' East
- 40.07 Set post 3 fr. long 3/4 in 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. and W. of
post 5 1/2 fr. dist. and raised
a mound of earth 1 1/2 fr. high
3 1/2 fr. base around post.
- 80.13 The corner to Sections 20-21
28 and 29
Land Rollrig
Sul 3rd. rate.

T. 20 N. R. 31 E. S. 1 and S. 2, M.

Timber of Cedar.
Undergrowth of same with
Bunchgrass.

North, between sections 20 & 21
Va. 14° 15' East.

Ascending in timber.

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
pit - 18 x 18 x 12 ins N. and S. of
post 5 $\frac{1}{2}$ ft. dist and raised a
ground of earth - 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base around post, from
which bears a

Cedar 20 ins. diam. N. 10° E. 49 lbs. dist.
marked $\frac{1}{4}$ S. B. T.

Cedar 20 ins. diam. S. 62° W. 19 lbs.

T. 20 N. R. 31 E. S. and S. R. W.

64.00 dist. marked $\frac{1}{4}$ S. B. T.
Ridge bears E. and W. and
descend.

80.00 Set post 4 ft. long 4 in square
12 in. in the ground & with-
marked stone for corner to
Sections 16-17-20 and 21
marked T. 20 N. S. 16 on N. E., R.
31 E. S. 21 on S. E., S. 20 on S. W.
and S. 17 on N. W. faces with 3
notches on S. and 4 on E. edges
dug pits - 18 x 18 x 12 in 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 Ind. rate
Timber of Cedar. Vegetation
Bunchgrass.

C. 20 N. R. 31 E. S. 1 and S. R. M.

East on a random line between
Sections 16 and 21

Pa. $14^{\circ}15'$ East

Descending in timber.

33.00 Gulch 8 lks. wide course S.

Ascending.

40.00 Set temporary 1/4 Sec. Cor.

47.00 Ridge bears N. and S.

Descending

77.20 Gulch 4 lks. wide course S.

and Ascend

79.89 Intersect North and South line

20 lks. South of corner to Sec-
tions 15-16-21 and 22. from
which corner run

S. $89^{\circ}51'$ West on a true line be-
tween Sections 16 and 21

Pa. $14^{\circ}15'$ East

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

12 ins. in the ground, with-

T. 20 N. R. 3 E. S. and T. R. 1 W.

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. dist. and
 raised a mound of earth
 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base around
 post. From which bears a
 cedar 12 ins. diam. N 13° E. 24 fms
 dist. marked $\frac{1}{4}$ S. B. T.
 cedar 18 ins. diam. S 84° W. 39 fms.
 dist. marked $\frac{1}{4}$ S. B. T.

79. 89

The corner to Sections 16 17 20
 and 21

Land Rolling

Soil 3rd. rate

Timber of Pine and Cedar

Undergrowth of same with
 Bunchgrass.

T. 20 N. R. 31 E. S. 1 and S. 20. Mo.

North, between Sections 16 & 17
 Va 14° 18' East

Descending in timber.

40.00

Set post 5 1/2 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. and S. of
 post 5 1/2 ft. dist. and raised a
 mound of earth 1 1/2 ft. high
 3 1/2 ft. diam around post. from
 which bears a

Cedar 18 ins. diam. N. 41° W. 36 lbs.
 dist. marked 1/4 S. B. T.

Cedar 18 ins. diam. S 78° E. 94 lbs.
 dist. marked 1/4 S. B. T.

60.00

Cedar House bears E. 18, 75 lbs

80.00

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

T. 20 N. R. 31 E. S. 8 and S. 9. Mo.

Sections 8-9-16 and 17 four
marked T. 20 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 x
18 x 12 ins. in each sec. 5 1/2 ft.
dwt. and raised around of
earth - 2 ft. high 4 1/2 ft. base
around post, from which bears a
Cedar 26 ins. diam. S. 41° E 94 lbs. dwt
marked T. 20 N. R. 31 E. S. 6 R. T.

Cedar 20 ins. diam. S. 57° W 111 lbs. dwt.
marked T. 20 N. R. 31 E. S. 17 R. T.

Cedar 10 ins. diam. N 49° W 48 lbs. dwt.
marked T. 20 N. R. 31 E. S. 8 R. T.

No other trees within limits of
Land Rollrig. Soil 3rd. rate
Timber of Cedar. Undergrowth
of same with - Bunchgrass.

T. 20 N. R. 31 E. S. 1 and S. R. 16.

East on a random line be-
tween Sections 9 and 16Va. $14^{\circ}15'$ East.

Descending in timber

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.42.15 Gulch 8 lks. course South-
Ascend.99.85 Intersect North and South-
line 22 lks. North of corner to
Sections 9-10-15 and 16 from
which corner 9 runsN. $89^{\circ}51'$ West on a true line be-
tween Sections 9 and 16Va. $14^{\circ}15'$ East89.93 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 nailed

Geo. A. R. 31 E. Land S. R. M.

a mound of stone $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base around post. from
 which bears a

One 10 mi. diam. N. 32° E. 19 lbs. dist.
 marked $\frac{1}{4}$ S. R. T.

One 4 mi. diam. S. 76° W. 21 lbs. dist.
 marked $\frac{1}{4}$ S. R. T.

79.85 The corner to Section 8 & 9 - 16 and
 17

Land Rollins

Soil 3rd. Natl

Timber of Pine and Cedar

Undergrowth of Sassafras and

Bunchgrass.

T. 20 N. R. 31 E. T. 1 and S. R. M.

North. between Section 8 and 9
 Va. $14^{\circ} 15'$ East

(Wending in timber.

7.00 Ridge runs E. and West

Descending

34.00 Gulch 8 fms. wide course East.

Ascending

40.00 Set post 3 fms. 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 $5 \frac{1}{2}$ fms. dist.

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

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

from which bears a

Pine 12 ins. diam. $N. 65^{\circ} E.$ 31 fms. dist

marked $\frac{1}{4}$ S. B. T.

No other trees in limits:

80.00 Set post 4 fms. long 4 ins square

2 ins. in the ground, with - marked

T. 20 N. R. 31 E. S. 1 and S. R. W.

Stone for corner to Sections 4-5
 Sand 9 marked T. 20 N. S. 4 on
 N.E. R. 31 E. S. 9 on S.E. S. 5 on
 S.W. & S. 5 on N.W. faces with
 5 marks 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 a mound of earth - 2 ft.
 high 4 1/2 ft. base around post
 from which bear a
 Cedar 16 ins. diam. N. 10° E. 37 lbs. dist
 marked T. 20 N. R. 31 E. S. 4 B. T.
 Cedar 11 ins. diam. S. 38° E. 92 lbs.
 dist. marked T. 20 N. R. 31 E. S.
 9 B. T.
 Pine 6 ins. diam. S. 39° W. 77 lbs. dist.
 marked T. 20 N. R. 31 E. S. 8 B. T.
 Cedar 20 ins. diam. N. 34° W. 98 lbs.
 dist. marked T. 20 N. R. 31 E. S.
 5 B. T.

T. 20 N. R. 31 E. S. 1 and S. R. M.

Land Rolling
 Soil 3rd. Rate
 Timber of Cedar and Pine
 Undergrowth of same and
 Bunchgrass.

East. on a random line between
 Sections 1 and 9

Va. $14^{\circ}15'$ East.

Ascending in timber

29.00 Ridge Cross N. and S. and
 Descend

40.00 Set temporary $1/4$ Sec. Cor.

80.16 Intersect North and South line
 15 lbs. North of corner to Sections
 4-8-9 and 10 from which cor.
 Run

$1.89^{\circ}54'$ West on a true line between

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

Sections 4 and 9.

Wa. 14° 15' East

40.08

Set post 3 ft. long 3 ins. diam.
12 ins. in the ground for 1/4 Sec.
Cor. marked 1/4 S. or N. face
dug hole 18 x 18 x 12 ins. E. and 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. deposit
red marked stone in mound.

80.16

The corner to Sections 4-5-87 9
Land Rollin

Soil 3rd. Est.

Timber of Pine and Cedar

Undergrowth of same and

Bunchgrass.

[Faint handwritten notes, possibly including a date like Nov 15 1873]

T. 20 N. R. 31 E. S. 1 and S. 2. M.

North, on a true line between
Sections 4 and 5Pa. $14^{\circ}15'$ East

Second in Timber

40.00 Set a post 3 ft long 3 mi diam
12 mi in the ground with
marked stake for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ Sec N face dug pit
 $15 \times 15 \times 12$ mi N + S of post $5\frac{1}{2}$ ft
dirt & sand mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post

82.51

Entered 5th Standard Parallel North
at a point 12.36 chs West of Standard Cor
to Sec 32 + 33 T. 21 N. R. 31 E. ^{recently established by me} at which
point I set a post 4 ft long 4 mi
square, 12 mi in the ground for
Closing Cor to Sec 4 + 5 T. 20 N. R. 31 E
marked. T. 20 N. R. 31 E 6 Corn S. Iron C
& S on N face with 4 notches on E + S on
N face deposited marked stone dug pit

20 N. Co. 31 E. Land S. R. Mo.

15 x 15 x 12 mis S, E, & N of post
5 1/2 ft dist & raised mound
of earth 2 ft high & 1/2 ft base
annua post

Land rolling

Oak Spruce

Timber Pine & Cedar

Under growth same &

Bunch grass

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

S. C. Capp

Compassman

Nov 15 - 1882

T20 N. R. 31 E. T. and C. R. M.

From the Cor to Cus 5-6-31
 & 32 on South Bay which is
 a post 4 ft long 4 mi square
 12 mi mi the ground with
 marked stone, post marked T20 N
 S 32 on N E R 31 E S 5 on S. E
 T 19 S. S 6 on S. W & S 31 on N W
 face with 1 notch on W & 5 notches
 on E edge, pits 15 x 15 x 12 mi mi
 each see 5 1/2 ft dist and mound
 of earth 2 ft high 4 1/2 ft base around
 post from which bears

A Pine 4 mi diam S 70° E 97 lks
 dist marked T 19 S E 31 E S 5 B. S.

A Pine 5 mi diam S 79° W 93 lks
 dist marked T 19 N W 31 E S 6 B. S.

From

North between Cus 31 & 32

Var 14° 15' E

Acacia in timber

U.S. N. Co. 31 E. G. on S. R. Mo.

40.00 Set a post 3 ft long 3 mi diam
12 mi in the ground with
marked stone for 4 Cor
marked 1/4 on W face and pits
15 x 15 x 12 mi N & E of post 5 1/2 ft
dirt raised mound of earth 1/2
ft high 3 1/2 ft base around post
from which bears

A 1 mi 4 mi diam N 71° W 36 like dist
A 1 mi 6 mi diam S 47° E 9 like dist
Both marked 1/4 S S E

64.00 Ridge bears N. E. & S. W. & Duund

80.00 Set a post 4 ft long 4 mi
square 12 mi in the ground
with marked stone for Cor
to Sec 29-30-31 & 32 marked
T 20 N 29 on N. E. C 31 E C
32 on S. E. S 31 on S W & C 30
on N W face with 1 notch on S
& 5 notches on E edge and pits

T. 20 N. R. 31 E. S. 1 and S. 2 R. M.

8x5x2 mi in each Sec. 5th fract.
 + raised mound of earth 4 ft high
 4 ft base around post
 Land rolling Soil 3rd rate
 Timber - Undergrowth of Pine
 Cedar & Birch-grass

East on a random line between
 Sections 29 and 32

Pa. $14^{\circ} 13'$ East

Ascending in timber

17.00 Ridge bears N.E. and S.W. and
 Descending

40.00 Sid temporary 1/4 Sec. Cor.

67.00 Gulch 8 lbs. wide course S.

Ascending

80.19 Intersect North and South line
 14 lbs. North of corner to Sections
 29 and 28 - 32 and 33 from which
 corner runs

T. 20 N. R. 31 E. S. 1 and T. R. W.

A. 59° 54' West on a true line between
Sections 29 and 32

Via. 14° 15' East.

40.09

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 E. & W. 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. From which bears a
cedar 20 ins. diam. N 15° W. 91 thro.
dist. marked $\frac{1}{4}$ S. B. T.

No other tree within limits.

80.19

The corner to Sections 29 - 30
31 and 32

Land Rollway

Soil 3rd. rate

Timber of Cedar & Pine.

Undergrowth of same & Runchgrass.

M. R. Fitzgerald Nov 16 - 1852

20. N. Co. 31 E. Land S. R. No.

with marked stone for 1/4 Sec
 for marked 1/4 Sec in face
 and pit 15 x 15 x 15 m. E.
 1/4 Sec just 5/4 ft. and raised
 mound of earth 1 1/2 ft. high
 3/4 ft. base around just

75.35 The for to Sec 29-30-31

32

Land polling

Oil 3rd rate

Timber Pine & Cedar

Timber growth same and

Bunch grass

S. C. Baker

Empireman

Nov 16 - 1882

T. 20 N. R. 31 E. S. and S. Co. Mo.

North, between Sections 29 & 30
Va. $14^{\circ} 15'$ East.

Descending in timber

32.00 Gulch 10 lks. wide course W.

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
hole 18 x 18 x 12 ins. N. and S.
of post $5\frac{1}{2}$ ft. dist. and
paved a mound of earth
1 $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around
post from which bears a
Pine 8 ins. diam. $N. 24^{\circ} E.$ 81 lks.
dist. marked $\frac{1}{4}$ S. B. T.Pine 6 ins. diam. $S. 75^{\circ} W.$ 15 lks. dist.
marked $\frac{1}{4}$ S. B. T.80.00 Set post 4 ft. long 4 ins. square
12 ins. in the ground & with-marked

T. 20 N. R. 31 E. Land S. R. Mo.

shows for corner to Sections 19, 20, 29 and 30, marked T. 20 N. S. 20 on S. E., R. 31 E. T. 29 on S. E., S. 30 on S. W. and S. 19 on N. W. faces with 2 notches on N. and S. 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 1/2 ft high 4 1/2 ft. base around post, from which

Cedar 18 ins. diam., N. 77° E. 48 lbs. dist. marked T. 20 N. R. 31 E. S. 20 B. 1.

Pine 8 ins. diam., S. 25° E. 75 lbs. dist. marked T. 20 N. R. 31 E. S. 29 B. 1.

Pine 4 ins. diam., S. 77° W. 99 lbs. dist. marked T. 20 N. R. 31 E. S. 30 B. 1.

Cedar 16 ins. diam., N. 35° W. 9 lbs. dist. marked T. 20 N. R. 31 E. S. 19 B. 1.

Land Rollrig
Soil 3rd. late

Geo. A. R. S. E. H. and S. R. M.

Timber of Pine and Cedar
Undergrowth of same and
Bunchgrass.

East on a ponderosa pine between
Sections 20 and 29

Pa. $14^{\circ}13'$ East

Ascend through timber

28.00 Ridge bears N. and S. and
Descend.

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

46.17 Dry wash 8 lks. wide course
South.

79.91 Intersect North and South
line 12 lks. North of corner to
Sections 20-21-28 and 29. from
which corner runs.

T. 20 N. R. 31 E. S. 1 and S. R. M.

A. 89.55' West on a true line be-
tween Sections 20 and 29

Va. 14° 15' East.

39. 96

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. 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 post

79. 91

The corner to Sections 19-20-29
and 30

Land Rolling

Soil 2nd. sd. 12

Timber of Pine and
CedarUndergrowth of same and
Bunchgrass.

O. R. Fitzgerald

Mar 16-1883

T. 20 N. R. 31 E. S. 1 and S. 20.

Nest, on a sandstone lime be-
tween Sections 19 and 30
Va. 14° 15' East.

Descending in timber.

40.00 Set temporary 44 Sec. Cor.

47.00 Gulch 10 lbs. wide corner S. E.

Ascending

78.14 Insect Nest Pdy. of Sp. 42 lbs.

A. of corner to Sections 19-30-24 & 25
which is a post 4 ft. long 4 ins.
square 12 ins. in the ground with
marked stone, pits and earth-
mound, marked S. 20 N. S. 19 on N. E.,
R. 31 on S. E. R. 30 E. S. 25 on
S. W. and S. 24 on A. W. Faces
with ^{regularly established by me} 2 notches on S. & 4 in A. ridges,
from which corner I run
N 89: 42' East on a line line be-
tween Sections 19 and 30

Va. 14° 15' East

20. A. R. 31 E. G. and T. R. M.

- 38.14 Set post 3 ft. long 3 ins. diam.
 12 in. in the ground with marked
 above for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ S. on W. face dug pits 18 x 18 x 12
 in N. 75. of post 5 $\frac{1}{2}$ ft. dist &
 raised mound of earth 1 $\frac{1}{2}$ ft.
 high 3 $\frac{1}{2}$ ft. base around post
 from which bears a
 cedar 16 ins. diam. N. 47° E. 19 lbs.
 dist. marked $\frac{1}{4}$ S. B. T.
 Cedar 22 ins. diam. S. 38° W. 71 lbs. dist
 marked $\frac{1}{4}$ S. B. T.

- 75.14 The corner to Sections 19 20 29 & 30
 Land Rolling
 Soil 3rd. soil
 Timber of Pine & Cedar
 Undergrowth of same and
 Bluegrass.
 A. C. Cahill Comptroller
 Nov 16-1852

T. 20 N. R. 31 E. S. 1 and S. R. M.

North. between Sections 19 & 20.

Va. $14^{\circ}15'$ 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. or W. face dug post ^{15 ft. N. 1 S. 9}
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. from
which pass a

Cedar 24 ins. diam. N 38° W. 65 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

Cedar 16 ins. diam. S. 31° E. 17 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set post 4 fr. long 4 ins square
12 ins. in the ground, with-
marked stone for corner to
Sections 17-18 19 and 20
marked S. 20 N. — —

T. 20 N. R. 31 E. S. 1 and S. R. W.

S. 17 on N. E. R. 31 E. S. 20 on N. E.

S. 19 on S. W. and S. 18 on N. W.

Faces with 3 notches on S. and
5 on E. edges. dug pits - 15 x 15 x
12 ins in each. Dic. 5 1/2 fr.

dist. and raised a mound
of earth 2 fr. high 4 1/2 fr.
diam around post, from which
saw a

Pine 10 ins. diam. N. W. 37 lbs. dist
marked S. 20 N. R. 31 E. S. 18 P. E.

No other trees within limits -
Land Rollins

Soil 3rd. red

Timber of Pine and Cedar

Undergrowth of same and
Bunchgrass.

No. 20 N. R. 31 E. S. 1 and S. R. W.

East on a garden line between
Sections 17 and 20

Pa. $14^{\circ} 15'$ East

Ascending in timber

40.00 Set temporary 4th Pic. Cor.

43.00 Ridge bears S. and S. and
Descending

69.00 Gulch 6 lbs. wide course S.

Ascending

76.00 Ridge bears S. and S.

Descending.

80.35 Intersect North and South line
25 lbs. South of corner to Sections
17-16-21 and 20 from which
corner runs

S. $89^{\circ} 49'$ West on a true line between
Sections 17 and 20

Pa. $14^{\circ} 15'$ East

40.18 Set post 3 ft. long 3 ins. diam.
12 ins. in the ground, with

7.20 N. P. 31 E. L. and S. P. M.

marked show for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ S. on N. face dug
 pits - 18 x 18 x 12 in 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. wide around post, from
 which bears a

Cedar 14 in. diam. N. 65° E. 14 ft.
 dist. marked $\frac{1}{4}$ S. B. I.

Pine 6 in. diam. S. 59° W. 37 ft.
 dist. marked $\frac{1}{4}$ S. B. I.

80.35 The corner to sections 17-18-19
 and 20

Land Rollins

Sal. 3rd. salt

Timber of Pine & Cedar

Undergrowth - of some and

Brush grass. Carefully examine the

adjustments of my solar compass today particularly the
 latitude reading apparatus of second set - W. R. Wood
 Nov 16 - 1882

Co. 20 N. R. 31 E. S. 1 and S. R. M.

Tract on a random line between
Sections 18 and 19

Va 14° 15' East.

Second in timber

40.00

Set temporary 1/4 Sec Corner

78.45

Entered West Coy of Tr 13 Sec

North of Cor to Sec 13-15-19

24 which is a post of 4" long 4" in
square in cast iron with pipe &
marked stone marked T20 N. S. 15 on N

E R 31 E S 19 on S. E. C 30 E S 24 on

N. & S 13 on N. W face with 3 notches

on N. & S edges from which bear

A Cedar 15 mi diam N 39° E 45 lks dist marked

T20 N R 31 E S 18 B. T. A Cedar 24 mi diam

S 52° E 94 lks dist marked T20 N R 31 E

S 19 B. T. A Pine 6 mi diam S 10° W 21 lks dist

marked T20 N R 30 E S 24 B. T.

A Cedar 16 mi diam N 61° W 103 lks dist

marked T20 N R 30 E S 13 B. T.

~~marked T20 N R 30 E S 13 B. T.~~

T20 N. Co. 31 E. Land S. R. Mo.

from which Cor. Spruce
 N 59° 54' E on a true line
 between Dec 18 & 19

Var 14° 15' E

21.45 set a post 3 ft long 3 in
 diam 12 in in the
 ground with marked
 stone for the S. Corner
 marked 4 on N face
 aug pits 15 x 15 x 12 in
 E & W of post 5 1/2 ft apart
 & raised mound of earth
 1 1/2 ft high 3 1/2 ft base
 around post from which
 bears

A cedar 14 in diam North
 21 lbs dist

A cedar 12 in diam
 S 10° W 55 lbs dist

Both marked 4 S. E. T.

21.45 True Cor to Dec 17-18-19 & 20

T. 20 N. R. 31 E. S. and C. B. Mo.

Laysa mountainous
 Soil 3rd rate
 Timber Gumi Cedar
 Undergrowth same and
 Bunchgrass. Carefully
 examined the adjustments
 of my solar compass today
 particularly the latitude &
 mercurial apparatus found them
 correct. J. C. Giff. Companion
 Mar 16-1852

North. between sections 17 & 18
 Pa. 14° 15' East

Ascending in timber

40.00

✓

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

T20 N. R. 31 E. S. 8 and S. R. M.

fr. high $3\frac{1}{2}$ ft. base around foot
from which bears a
cedar 10 ins. diam. S. 26° E. 107 lbs.
dist. marked 44 S. B. J.
No other tree within limits.

58.00 Ridge bears E. and W.

Ascending

80.00 Sec. pass 4 ft. long 12 ins square
12 ins. in the ground, with-
marked stone for corner to Sec-
tions 7-8-17 and 18. marked
T20 N. S. 80 N. E. R. 31 E. S. 170 N
S. E. S. 180 N. S. W. and S. 70 N. W.
faces with 4 notches on S. and
3 on E. edges dug pits $18 \times 18 \times 12$
ins in each sec. $5\frac{1}{2}$ ft. dist.
and raised mound of earth
2 ft. high $4\frac{1}{2}$ ft. base around
foot, from which bears a
Pine 4 ins. diam. N. 69° E. 57 lbs.
dist. marked T20 N. R. 31 E. S. 8 B. J.

T. 20 N. R. 31 E. S. 1 and S. 2, M.

Pine 4 ins. diam. S. 35° W. 39 lbs.
 dist. marked T. 20 N. R. 31 E.
 S. 18 B. T.

No other trees within limits
 Land Rolling

Soil 3rd. rate

Timber of Pine and Cedar
 Undergrowth of sumac and
 Bunchgrass.

✓ East on a random line between
 Sections 8 and 17

Pa. 14° 13' East

Ascending in timber

40.00 Set temporary 1/4 Sec. Cor.

80.10 Insect North and South line
 9 lbs. South of corner to Section
 8 and 17 79 and 16 from which
 corner. 2 times. 2.

T. 20 N. R. 31 E. S. 16 and S. 17. Mo.

S. 89° 36' West on a true line be-
tween Sections 8 and 17

Wa. 14° 15' East.

40.05

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, two
posts - 18 x 18 x 12 ins. E. and W.
of post 3 1/2 ft. dist and
raised a mound of earth - 1 1/2
ft. high 3 1/2 ft. base around
post. From which bears a
cedar 20 ins. diam. N 16° E. 74 lbs.
dist. marked 1/4 S. B. E.

Cedar 10 ins. diam. S. 23° W. 9 lbs.
dist. marked 1/4 S. B. E.

80.10

The corner to Sections 7-8-17
and 18

Land Roll No. Soil 3rd. part
Timber of Pine & Cedar. Undergrowth
of some & Blue grass. ^{2/3 R. Fitzgerald} 1882

St. 20 N. R. 31 E. T. and S. R. M.

Approximate location line between
Sections 7 and 18

29.125° 15' East

Depend on Timber

40.00 Cut timber on the line

75.12 Enter cut west of the
3600 South of the line

7-12-13-18 which is post 4 ft
long 4 mi square line in the
ground with pits & earth mound
& marked stone Post marked T20
70m N.E. @ 30° E @ 75m S.E.
@ 30° E @ 130m @ N. & @ 120m W
face with 4 notches on South
& 2 on N edge and from
which base

A 6 mi 4 mi diam N 54° E

6700 cut marked T20 N

A 31 E S. S. S.

A 6 mi 6 mi diam @ 36° N

7500 cut marked T20 N

Q. 30 N. R. 31 E. T. 10 S. L. R. 11. W.

Q. 30 E. @ 70 S. N. in the true
position inside some which is
Dunn

Q. 89° 47' E. on a true line
between Cus 7-15

Var 14° 15' E.

38.12 Aka post 34' long 3 mi diam
12 mi mi the ground for 14
Su corner marked 1/4 in 1/2
face deposited marked stone
and pits 15 x 15 x 12 mi E & N
of post 5 1/2 4' dia & raised
around 1/2 earth 1/2 ft high
3 1/2 ft base around post
from which bears

A Pine 5 mi diam @ 37 1/2 S
like dirt

A Cedar 14 mi diameter
S 10° E 58 like dirt

Both marked 1/4 @ C. T.

78.12 The Cor to Cus 7-8-17+

East. R. 31 E. and S. R. M.

15

land rolling

On 3rd Gate.

Timber Pine Cedar

Marygrove pine and

Buckgrass. S. C. Oak *Emmenanthe*

Dec 18 - 1852

with. between sections 7 and 8

Sta. 14' 13' East.

Descending in timber

18.00 Gulch 6' deep with coarse Wash.

Ascending.

40.00 Set post 5 ft. long 3 ins. diam.

12 in. in the ground with marked

stone for 1/4 Sec. Cor. marked

1/4 S. on W. face dug pit 18 x 18 x

2 in. S. and S. of post 3 1/2 ft.

deep, and raised a mound of

earth 1/2 ft. high 3 1/2 ft. base

around post from which bears a

Chas. H. B. & E. S. and C. R. W.

Cedar 16 in. diam. $S. 82^{\circ} E. 21$ Mo.
dist. marked $1/4$ S. B. T.

Cedar 18 in. diam. $S. 31^{\circ} W. 74$
ft. dist. marked $1/4$ S. B. T.

53.50 Ridge Row $S. 80^{\circ} E.$ and $S. 80^{\circ}$
 $W.$

Descending,

80.00 Set post 4 in. long 4 in. square
12 in. in the ground, with
marked stone for corner to
Sections 5-6-7 and 8 marked
 $S. 20 N. S. 50 N E. R. 31 E. S. 8$
on $S. E. S. 70 N S. W.$ and $S. 60 N$
 $S. W.$ faces with 5 notches on
 $S.$ and 5 on E edges. dug pits
 $18 \times 18 \times 12$ in in each. Dic. $5 \frac{1}{2}$
ft. dist. and raised mound
 4 ft. south 2 ft. high $4 \frac{1}{2}$ ft. base
around post.

Land Rotherig Soil 3rd sect. Timber
& Pine & Cedar. Vegetation Runch grass.

C. 20 N. C. 31 E. S. and S. B. M.

East on a random line between
Sections 5 and 8.

$29.14^{\circ}15'$ East.

Ascending in timber

31.00

Ridge runs 26° E. and 56° W.

Descending.

40.00

Set temporary 74 Sec. Cor.

64.80

Gulch 4 lbs. wide course South

Ascending

79.87

Intersect North and South line

7 lbs. North of corner to Section

$4-5$ and 9 . From which corner

run

$N89^{\circ}57'$ West on a line half between

Sections 5 and 8.

$29.14^{\circ}15'$ East

39.94

Set post 3 ft. long 3 ins. diam. 12 ins

in the ground with marked

stone for 74 Sec. Cor. marked.

74 S. on N. face two feet $18 \times 18 \times$

12 ins E. and N. of post $5\frac{1}{2}$ ft.

Co. 20. N. R. 31 E. S. 1 and 2 P. 10. M.

dist. and raised a mound of
earth 42 ft high 2 1/2 ft base
around post from which base
Pine 12 ins. diam. N. 16° W. 9 lbs. dist.
marked 74 S. B. I.

Pine 4 ins. diam. S. 46° E. 17 lbs. dist.
marked 74 S. B. I.

79.87 It comes to sections 5-6-7
and 8

Land Rollins

Soil 3rd. rate

Timber of Pine and Cedar

Undergrowth of same and

Ranch grass.

2 car paths examined the 2 specimens
of wood like compare to law justice
bally the latitude and ascending
apparente figure than what

W. C. Fitzgerald

Nov. 5. 1882

C. 10. N. Co. 31 E. Land T. Co. M.

West on a random line between
Siedman & ana T.

Pa. 17° 15' East

Decura in timber

21.00 Quick Eke wide Course
Post

Ground

40.00 Set a post temporary 14 in
Co.

75.30 Enter cut, West End of Sp.
14 in Eke width of Co & Co
6-7-18 12 which is a
post 4 ft long 4 mi square
12 mi in the ground
with marked stone; pit
in each side 5 1/2 ft deep
partly normal 2 ft high
4 ft base around post
which is marked. Test
6 on N E. 31 E 31 on
2 E 12 on S N 30 E

T. 20 N. R. 31 E. S. 4 and S. R. 31 W.

On ^{the} N. 1/2 face with 1 m² ^{recently established by me}
 on N. 1/2 & 3 m² on Eagle,
 from which to S. 1/2
 @ 59° 54' E on a true line
 between Cues 7 & 6

Var 14° 15' E

35.30 is a post 3 1/2 in dia 3 mi
 diam 12 mi in the
 ground with marked
 stone for the Cu corner
 marked in S. 1/2 face
 and pits 15 x 15 x 12 mi E
 + W of post 5 1/2 ft dia
 and raised mound
 of earth 1 1/2 ft high 3' dia
 base around post. Stone
 which bears

A 3 mi 5 mi diam north
 27 lbs dia

A 3 mi 4 mi diam S 10° W
 54 lbs dia

T. 20 N. R. 31 E. S. 1 and S. R. M.

78.30 marked Bots. 4 C. B. T
 In box to C. 5-6-7 & 8
 Land rolling
 Soil 3rd rate
 Timber Pine & Cedar
 Undergrowth some and
 Prairiegrass

North on a true line between
 C. 5 & 6

Var 14-15' E

Quarry in timber

26.13 Gulch 10 ft wide course
 S. 11

Acres

45.00 Set a post 3 ft long 3 in diam
 12 in in the ground for
 1/4 sec box with marked
 stone, marked 1/4 Sec 1/2 face
 aug pits 15 x 15 x 12 in N & E

To N. Co. 31 E. and S. Co. M.

5250

of post 5 1/2 ft high & raised,
 mound of earth 1 1/2 ft high
 3 1/2 ft diameter post
 Center of 5th Standard
 Cavalry both 1.94 diam
 Hub of Standard Co. 1
 Dec 31 + 32 Feb 1 E 3 E
 recently established by me
 at which point E set a
 post 4 1/2 in 4 in square
 12 in in the ground with
 marked stone for center
 Co. to Dec 5 + 6 Feb 1 E 3 E
 E marked E 6 Feb 1 E 3 E
 on E 5 on E + E 6 on it
 face with 1 notch on it +
 5 notches on E face and
 pits 15 x 15 x 15 in E + N
 of post 5 1/2 ft high and
 raised mound of earth
 2 ft high 4 1/2 ft diam
 around post from which

T20. 4. Co. 31 E. R. and S. R. M.

beass

A Cedar 12 mi diam S 16 W

54 ike dist marked T20 N

T 31 E 36 R. T.

A Cedar 12 mi diam

S 71 E 52 ike dist marked

T20 N T 31 E 35 R. T.

Land pollenio

Cr. 3rd rate

river 1 mi Cedar

Undergrowth cane and

Rushgrape

S. G. Cr. p. Compa

man

Nov 10 - 1852

General Description

The land in this township
is rolling and mountainous
and can be divided as
follows into several groups.
There is much cultivated
ground and some pine &
oak timber. In the
the township there is a
settlement of people
and some of the mountains
are used as grazing grounds.

For final notes
see Book 18.

BOOK 376

U. S. Surveyor General's Office,

TUCSON, ARIZONA.

May 17, 1882

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 20 N. Range 31
East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by W. R. Fitzgerald

Deputy Surveyor, under his contract of the 17th
day of July, 1882, having been

critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.

J. M. P. Smith
Surveyor General.