

35

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

Township 5 North, Range 31 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By W. R. Fitzgerald, D. S., under
Contract dated July 22, 1882.
Survey commenced Sept. 14, 1883.
Survey completed Sept. 31, 1883.

35

For preliminary notes
see book No. 7
Survey made with Burt's
Patent Improved Solar
Compass nearly new & in
first rate order made by
Otto Fernal of Cassel Germany
in 1881

1A

Township 5 N

BOOK 35

Range 31 E

Y-S-R-M

Meridian.

6	93	5	80	4	47	3	21	2		1
91°	89	59	39	19						
7	87	8	57	9	38	10	17	11		12
85	83	55	36	15						
18	81	17	54	16	35	15	13	14		13
79	77	52	33	11						
19	75	20	51	21	31	22	9	23		24
73	71	49	29	8						
30	69	29	46	28	27	27	5	26		25
67	65	45	25	3						
31	63	32	43	33	23	34	/	35		36

T5 N R3, E G - SRM

Standards

From the Cor to Sec 34 & 35
 previously set by me & now
 North bet Sec 34 & 35
 Var $14^{\circ} 9' E$

Dismund

40.00 Set lava stone $12 \times 10 \times 4$ mi
 2 mi in the ground for $\frac{1}{4}$
 Sec Cor marked $\frac{1}{4}$ on W
 face and raised mound
 of stone along side. Pts in
 practicable from which
 bears

A cedar 20 mi dia @ $20^{\circ} N$
 47 lbs dist marked $\frac{1}{4}$ S.B.T.
 No other tree within limits

44.00 Cross rock 3 lbs wide corner
 S.W.

50.00 Set Sand stone $14 \times 10 \times 4$ mi
 2 mi in the ground for
 Cor to Sec 26-27-34 & 35
 marked with 1 notch on

T5 N R 31 E Gr. S. R. M

Sand 2 on E edge and
 sand mound of stone
 along side Gate mispracti
 cable from which bears
 A Yellow Pine 20 mi diam
 S 30° E 27 lbs dirt marked
 T5 N R 31 E S 35° P. J.

A Yellow Pine 30 mi diam
 N 20° W 42 lbs dirt marked
 T5 N R 31 E S 27° P. J.

No other trees within limits
 Sand high rolling
 Soil 3rd rate

✓
 Timber of Pine Cedar Oak
 Undergrowth same &
 Birch grass

T 5 N R 31 E G. & P. R. M

East on true line bet Sur
26 + 35

Var $14^{\circ} 9' E$

25.00 Over rolling high land
Cross track 3 lks wide
course South

40.00 Set granite rock $20 \times 10 \times 6$ in
5 m in the ground for $\frac{1}{4}$ Sec
or marked $\frac{1}{4}$ m in fall
and round mound of
stone alongside. Not in-
practicable: from white bear
A Yellow Pine 20 m diam
 $S 20^{\circ} E$ 43 lks dist marked
 $\frac{1}{4}$ S. B. T. No other tree within
limits

45.45 Intersect Territorial line
43.40 chain South of 221st
Mile Post which is a Basalt
rock $20 \times 14 \times 10$ in in mound
of stones marked 221 on North

T5 N R3, E G. CRM

32' W L on S Ariz on W
N. M. on East
from which

A Yellow Pmi 24 mi diam
bears S 74° W 20 lks dist

A Yellow Pmi 14 mi diam
N 43° 30' W 57 lks dist

A Yellow Pmi 5 mi diam
bears S 73° 56' E 72 lks dist
at which point I

Set sand stone 16 x 8 x 4 mi
11 mi in the ground for
blowing cor. to Frae Cus
26 + 35 marked to C with
1 notch on S and 5
notches on N. ^{edge} face, and
paved mound of stone
alongside Pk impracticable
from which

A Yellow Pmi 20 mi diam
bears N 60° W 70 lks dist

T5 N R31 E G. S. R. M

marked T5 N R31 E S
26 B.T.

No other trees within limits

Land rolling

Soil 3rd rate

Timber pine Oak Cedar
& Aspen

Undergrowth pine and
Bunchgrass

North bet Sec 26 & 27
Var 14° 9' E

Descent

37.00

Cross brook 5 lks wide
course S. E.

40.00

Set post 3 ft long 3 in
diam with marked
stone 12 mi in the
ground for 1/4 Sec Cor

T5 N R31 E G + SRM

marked $\frac{1}{4}$ S on W face
 aug pits $18 \times 18 \times 12$ mi N
 & E 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
 a Yellow Pine 20 mi diam
 bear N10W 27 lbs dist
 marked $\frac{1}{4}$ S. B. J.

80.00 On other trees within limits
 Set sand stone $16 \times 12 \times 4$
 pie 11 mi in the ground
 for Cor to Sec 22-23-26-
 27 marked with 2 notches
 on S and 2 on E edge
 and raised mound of
 stone along side Pit mi-
 practicable from which
 a Yellow Pine 10 mi diam
 bear S40E 23 lbs dist
 marked T5 N R31 E @ 26

T5 N R 31 E G. S. P. M.

D. J.

W Yellow Pine 19 mi drain
bears S 70° W 78 lbs dirt
marked T5 N R 31 E S

27 D. J.

No other trees within limits

Land high rolling

Soil 3rd rate

Heavy timber Pine Oak

Fir and cedar

Undergrowth same

Bunchgrass

T5 N R 31 E G. & S. R. M.

East on true line bet.
Sec. 23 + 26

Var $14^{\circ} 9' E$

Over rolling land

40.00

Set sand stone $11 \times 10 \times 4$ mi
base in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on
N face and raised a
mound of stone along-
side. Pits impracticable

45.06

Intersect Sectional line
37.13 chains North of 22nd
Mile Post previous by de-
scribed at which point
I set granite stone $18 \times 9 \times 5$
mi 12 mi in the ground
for closing Cor to this
23 + 26 marked C.C. with
2 notches on E + 4 on N
edges and raised a
mound of stone alongside

T5 N R31 E G & SRM

... Pit impracticable from which
 a Yellow Pine 20 mi diam
 S40° E 60 lbs dist marked
 T5 N R31 E B.T.

No other trees within limits
 Land rolling

Soil 3rd rate

Timber pine Oak & Cedar

Undergrowth Pinon and

Bunchgrass

North bet Sec 22 & 23

Var 14° 9' E

Acid

40.00 Six sand stone 14 x 12 x 5 mi
 9 mi in the ground for
 1/4 Sec E or marked 1/4 on
 It fall and raised a
 mound of stone along-
 side Pit impracticable

T5 N R 31 E G + SRM

from which
 A Yellow Pine 13 mi diam
 bears N 28° E 69 lbs diet
 marked 14 S.P.T.

No other tree within limits
 Top of ridge bears N 60° E

56.00

80.00

Set Laval stone 18 x 10 x 10 mi

12 mi in the ground for
 box to Dec 14-15-22 & 23

marked with 3 notches
 on S and 2 on E edges

and raised mound of
 stone along side Pit in-
 practicable, from which

A Yellow Pine 14 mi diam
 bears N 20° E 49 lbs diet
 marked T5 N R 31 E S 14 S.P.T.

No other trees within limits
 Land rolling

Soil 3rd rate

Timber Pine Oak Cedar

To N R 31 E G & S R M

✓ Undergrowth same & option
 & Bluegrass

East on true line bet Sec
 14 & 23

Var $14^{\circ} 9' E$

Acres

- 40.00 Set lava stone $18 \times 10 \times 3$ in
 . 12 mi in: the ground
 for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4}$ on N face and raised
 mound of stone along
 side. Pit impracticable
- 44.50 Intersect Territorial Line
 37.41 chain North of 220th
 Mile post which is a gran-
 ite stone $24 \times 16 \times 3$ in in
 mound of stone marked
 220 on N side 32 W L on S.

T5 N R 31 E G + R M

Ang. on W. and N M on
E from which

A Yellow Pine 10 mi diam
bears N 50° W 49 lbs dist

A Yellow Pine 24 mi diam
bears @ 34° 12' W 30 lbs dist

A Yellow Pine 9 mi diam
bears @ 27° 30' E 63 lbs dist

at which point I

Set post 4 ft long 4 mi
square with marked stone
12 mi in the ground for
closing cor to Sec 14 + 23

marked C. C. T5 N R 31 E on
W + S 14 on N + @ 23 on

S. face with 3 notches on
S and 3 on N face

aug pits 18 x 18 x 12 mi W
N, + E of post 5 1/2 ft dist
and raised mound of
earth 2 ft high 4 1/2 ft

To N 231 E G + S R M

bar around post
 Land rolling & high
 Soil 3rd rate
 Similar Pine Oak Cedar
 Undergrowth Pinon +
 Bunchgrass

North bet Sec 14 + 15
 Var $14^{\circ} 9' E$

Dusund

- 4.20 Cross creek 10 lbs wide
 course N $20^{\circ} E$ & around
- 40.00 Marked a pine 10 mi
 diam $\frac{1}{4}$ Sec N fall
 and for $\frac{1}{4}$ Sec E from
 which a cedar 12 mi
 diam bears N $30^{\circ} E$ 15
 lbs dist marked $\frac{1}{4}$ C.B.T.
 No other tree within limit

14
T5N R31 E G + S R M

80.00 Sit sand stone 24x20x
3mi 15mi in the
ground for Cor to T5N
10-11-14 + 15; marked
with 2 notches on E and
4 in S edge and raised
mound of stone along
side. Pkts impracticable
from which bears

A Yellow Pine 24mi diam
N 30° E 15 ^{lbs} ~~mi~~ ^{dist} ~~diam~~ marked
T5N R31 E S 11 B. T

A Yellow Pine 10mi diam
S 45° W 30 lbs ^{dist} marked
T5N R31 E S 15 B. T

No other trees within limits
Cor is on top of ridge
bear S E.

Land mountainous

Sit 3rd rate

Heavy timber Pine Cedar

T 5 N R 31 E G. S R M

+ Oak
Undergrowth same
+ Branch grass

Sept 14 - 1883

East on true line bet Sec
11 + 14

Var 14° 9' E

40.00 Dena along S E slope
Set sand stake 15 x 12 x 2
mi 10 mi in the ground
for 1/4 Sec Cor marked
1/4 on N face and raised
mound of stone alongside
Pike impracticable
from which
A Yellow Pine 10 mi diam
bears N 10° E 34 lbs dist
34 lbs dist marked 1/4
P.B.T. No other trees within

T5 N R 31 E G + S R M

limits

44.16

Intersect Territorial Line
37.87 chains North of 219th
Mile Post which is a
granite stone 26x12x7 ins
in a mound of stones
marked 219 on N

32° N L on S. Ariz. on N +
N M on E at which
point I set sand stone
15x12x2 ins 10 ins in
the ground for closing
E. to S. 11 + 14 marked
E.C. with 2 notches on N
+ 4 on S edge and
raised mound of stone
along side. Pits impractic-
able: from which bears
a Yellow Pine 40 ins diam
N 70° E 69 lbs dist marked
T5 N R 31 E B. J.

T5 N Q31 E G. & S A M

No other tree within limits

Land mountainous

Soil Bra rate

Similar Pine Oak & Cedar

Undergrowth same &

Pine & Bush grass

North bet Sec 10 + 11

Var 14° 9' E

Descend

40.00 Set lava stone 16 x 9 x 3 in

11 in in the ground for

1/4 Sec Cor marked 1/4

on N face and raised

around of stone along

side Pit impracticable

59.00 Cross corner course @ 45° E

& around

80.00 Set sand stone 18 x 11 x 4 in

T5 N R 31 E G + P R M

12 mi in the ground for
 box to box 2-3-10 + 11
 marked with 5 notches
 on S and 1 on E edge
 and varied mound of
 stone alongside. Pit in-
 practicable from which bears
 a Yellow Pine 12 mi diam
 S 20° W 84 lbs dist marked
 T5 N R 31 E S 10 S.T.

No other trees within limits
 Sand mountains
 Soil 2nd + 3rd rate
 Spruce Pine Oak Cedar
 Undergrowth same and
 ✓ Bunchgrass

T5 N R31 E G + S R M

East on true line bet
Ses 2 + 11

Var $14^{\circ} 9' E$

Ascending

40.00 Set sand stone $13 \times 9 \times 6$
mi 5 mi in the ground
for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ on W face and raised
mound of stone alongside
Pite impracticable

4390 Intersect Territorial Line
38.10 chains, South of 25th
Mile Post which is a
Granite stone $34 \times 12 \times 5$ mi
in a mound of stones
marked 215 on N $32^{\circ} W$
Line S. Ariz. on W + N M
on E side at which
point S

Set sand stone $11 \times 10 \times 5$ mi
6 mi in the ground for

To N R 3, E G & P R M

Closing Cor to Sec 2 & 11
marked C & C with 1 notch
on N & 5 notches on S edge
and raised mound of
of stone along side Pith mi-
practicable

Land mountainous

Set 3rd rate

Heavy timber Pine Oak

Cedar

Undergrowth same &

& Pine & Buck-

grass.

✓

T 5 N R 31 E G + S R M

North on a random line
bet. Sec 2 + 3Var $14^{\circ} 9' E$

Assuming

40.00

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

50.00

Cross. Road bears S. E.

8034

Intersect N By of Twp 12
the East of Cor to Sec2-3-34 + 35 previously
set by me from which
Cor I runS 5' E on true line bet
Sec 2 + 3Var $14^{\circ} 12' E$

40.34

Set sand stone $15 \times 11 \times 4$ mi
10 mi in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N face and raised
mound of stone along
side. It's impracticable
from which

T5N R3, E G + C R M

A Yellow Pine 12 ins diam
 S 7° W 56 lbs dist marked
 1/4 S. B. T.

No other tree within limits

80.34 The Cor to Sec 2-3-10-

11

Land rolling

Soil 3rd rate

Timber Pine Oak Cedar

Undergrowth same +

Pinn + Bunchgrass

T5 N R 31 E G & S R M

Standards

From the ⁿ Cor to Sues 33 & 34
previously set by me
D. Ross

North bet Sues 33 & 34

Var $14^{\circ} 9' E$

Ground gradually.

40.00 Set lava stone $15 \times 10 \times 5$ in
10 in in the ground for
1/4 Sues Cor marked 1/4
on N face and raised
mound of stone alongside
A Yellow Pine 20 in diam
bear $N 10^{\circ} E$ 71 lbs dist
marked 1/4 S.P.C.

No other tree within limits

80.00 Set lava stone $30 \times 15 \times 7$ in
24 in in the ground for
Cor to Sues 27-28-33 & 34
marked with 1 notch on
S & 3 notches on E edge
and raised mound of

T5 N R31 E G. PRM

stone along side Pit is
 impracticable from which
 A Cellar Ore 24 mi diam
 N20° E 113 lbs dirt marked
 T5 N R31 E @ 27 B.T
 No other trees within limits
 Land mountainous
 Dirt 3rd rate
 Heavy Timber Ore Oak
 & Cedar
 Undergrowth same +
 quinn & Bruch grass.

T-N R 31 E G & S R M

East on a random line
bet Sec 27 + 34
Var $14^{\circ} 9' E$

Desund

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

79.94 Intersect N & S line
27 lbs South of Cor to
Sec 26-27-34 + 35 from
which Cor I run
 $S 89^{\circ} 48' W$ on true line
bet Sec 27 + 34

Var $14^{\circ} 9' E$

39.97 Set lava stone $16 \times 9 \times 5$ in
1 mi in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N face and raised
mound of stone, along-
side pit impracticable
from which

A Yellow Pine 20 mi diam
bars $N 10^{\circ} E$ 34 lbs dist

E N B 31 E G + R M

marked 1/4 S. B. T.

No other trees within limits

7994 The Cor to Sec 27-28-33-
34.

Land rolling

Soil 3rd rate

Timber Pine, Fir Oak

Cedar +

Mudgrass + some + Pine

+ Brush grass

T5 N R 31 E G - S R M

North bet Sec 27 & 28
Var $14^{\circ} 9' E$

40.00 Over high rolling land
Set lava stone $14 \times 10 \times 4$
mi 9 mi in the ground
for $\frac{1}{4}$ Sec 6 or marked
 $\frac{1}{4}$ on N face and raised
mound of stone along side
from which

A Yellow Pine 10 mi diam
bear $S 30^{\circ} W$ 12 lbs dist
marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 15 mi diam
bear $N 75^{\circ} E$ 24 lbs dist
marked $\frac{1}{4}$ S. B. T.

70.00 Cross road bear $E \pm W$

80.00 Set post 4 ft long 4 mi
square with marked
stone 12 mi in the ground
for cor to Sec 21-22-27 & 28
marked T5 N S 22 on N E

T5 N A 31 E G. S. R. M.

A 31 E S 27 m S E S 8 on
 S. W. & S 21 on N W face
 with 2 notches on S 3
 on E edge and aug pit
 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 just
 from which bears

A Yellow Pine 20 mi diam
 N 30° E 113 lbs dist marked
 T5 N A 31 E S 22 B. T.

A Yellow Pine 18 mi diam
 bears S 20° E 92 lbs dist
 marked T5 N A 31 E
 S 27 B. T.

No other tree within limits
 Land rolling

Soil, 2nd & 3rd rate
 Timber Yellow & Sugar
 Pine Cedar & Oak

T5 N R 31. E G + S R M

Undergrowth of same
+ Bluegrass

East on random line be-
tween Sec 22 + 27

Var $14^{\circ} 9' E$

Run along E slope

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

65.00 Cross sag course N + S

79.65 Intersect N + S line

9 lks north of cor to Sec
22-23-26 + 27 from which
cor I run

N $89^{\circ} 56' W$ on true line
bet Sec 22 + 27

Var $14^{\circ} 9' E$

39.84 Set lava stone $11 \times 7 \times 4$ in
6 mi in the ground for
 $\frac{1}{4}$ Sec cor marked

To N B 1 E G - P R M

1/4 on N face and raised
mound of stone along-
side Pit^h impracticable
from which

A Yellow Pine 24 in diam
bears S 40° W 75 lbs dist
marked 1/4 S. B. T.

No other tree within limits.

79.68 The box to Secs 21-23-27-
28

Land nothing

Soil 3rd rate

Heavy timber Pine Oak

S Cedar

Undergrowth same +

Bunch grass

Carefully examined the adjut-
ments of my Solar Compass today
particularly the latitude +
purchasing apparatus found them
correct Sept 15 - 1853

T & N R 31 E G & S R M

North bet Sur 21 & 22
Var $14^{\circ} 9' E$

Assum

31.00 Top of ridge bear N $70^{\circ} E$
& assum40.00 Set sand stone $13 \times 12 \times 6$
mi 9 mi in the ground
for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ on N face and raised
mound of stone alongside
Pit impracticable from
whichA Yellow Pine 9 mi diam
B $30^{\circ} N$ 84 lbs dirt marked
 $\frac{1}{4}$ S. B. T.80.00 No other trees within limits
Set post 4 ft long 4 mi
square with marked
stone 12 mi in the
ground for Cor to Sur 15-
16-21 & 22 marked T & N

T5 N R 31 E G. P R M

S15 on N E A 31 E S 22
 on S E. S 25 on S W + 46
 on N. W. face with 3 notches
 on S + 3 on E edge dug
 pit 18 x 15 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 grade

Smaller Pine + Oak +
 Cedar

Undergrowth same +

Bunchgrass

To N A 31 E G + S R M

East on random line
bet Sec 15 + 22

Var $17^{\circ} 9' E$

Quand

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

71.00 Cross corner course $S 45^{\circ} E$

77.90 Cross dupr corner in
which runs a stream
of water 10 lbs wide
course N E + around

80.02 Intersect N. + S line

46 lbs North of Cor to Sec
14-15-22 + 23 from which
Cor I run

$N 89^{\circ} 40' W$ on true line be-
tween Sec 15 + 22

Var $14^{\circ} 9' E$

40.01

Set lava stone $10 \times 10 \times 6$ ins
6 ins in the ground for
 $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ on N face and raised

T-N R 31 E G S R M

mound of stone along side
 a Yellow Pine 12 mi diam
 bears N 7° E 36 lbs dist
 marked 1/4 C. D. T.

No other tree within limits

80.02 The Cor to Sec 15-16-23-
 27

Land mountainous.

Soil 3rd rate

Heavy timber from Cedar
 & Oak

Undergrowth same and
 Brush grass

T5 N R 31 E G + R M

North bet Sec 15 + 16
Var 14° 9' E

Desuna gradually

40.00 Cut sand stone 16x16x10
mi 11 mi in the ground
for 1/4 Sec Cor marked 1/4
on N face and raised a
mound of stone at on 9-
side -- Pits impracticable
A Yellow Pine 30 mi diam
bears S 11° W 33 lbs cut
marked 1/4 S. E. T.

No other tree within limits
70.50 Cross creek 4 lbs wide
course S. E.

80.00 Cut Sand stone 20x12x4
mi 15 mi in the ground
for Cor to Sec 10-9-16-15
marked with 4 notches
on Sand 3 on E edge
and raised mound of

T 5 N R 31 E G 4 S R M

stone along side. It is un-
practicable. Cor set in
Gully

Lava rolling

Soil 3rd gate

Timber Pine Oak & Cedar

Undergrowth saw and

Bunchgrass

East on random line

bet Cor 10 & 15

Var $14^{\circ} 9' E$

Across along South slope
of ridge

40.00 Dit temporary $\frac{1}{4}$ Sec Cor
79.75 Entrench N & S line 22 lbs
W of Cor to Cor 10-11-14 &
15 from which Cor I
run

N $59^{\circ} 51' W$ on true line

T5 N R 31 E G. S R M

bet Sec 10 + 15

Var 14° 9 E

39.89

Set Sandstone 16 x 10 x 4 mi
 11 mi in the ground
 for 1/4 Sec Cor marked
 1/4 in N face and
 raised mound of stone
 alongside pits imprac-
 ticable, from which
 A Yellow Pine 24 mi diam
 bears N 35° E 56 lbs dist
 marked 1/4 S. P. T.

79.78

No other trees within limits
 See Cor to Sec 9-10-15 + 16
 Land rolling
 Soil 3rd rate
 Timber Pine Oak Cedar
 Undergrowth same and
 Birch grass

5

Town R 31 E G + SRM

North bet Sec 9 + 10
Var 14° 9' E

Ascend

- 9.00 Leave valley bear E + W.
- 40.00 Hit sandstone 12 x 6 x 3 mi
5 mi in the ground for
1/4 Sec bet marked 1/4 mi N.
face and raised mound
of stone alongside Pit
impracticable
- 45.00 Top of ridge bear S 80° E
Descend
- 50.00 Hit sand stone 16 x 11 x 5 mi
11 mi in the ground for
bet 5 Sec 3-4-9+10 marked
with 5 notches on Sand
and 3 on E edge and
raised mound of stone
along side Pit imprac-
ticable from which
A Yellow Pine 13 mi diam

T 5 N R 31 E G. S R M

beaver N 80° W 86 lbs cut
marked T 5 N R 31 E S
4 B. T.

No other tree within limits

✓ Land mountainous

Soil 3rd rate

Timber Pine Oak & Cedar

Undergrowth same &

✓ bunchgrass

East on random line
bet Sec 3 & 10
Var 149' E

Deer

40.00 Set temporary 1/4 Sec Cor

38.00 Cross brook 9 lbs wide
course S. E.

80.16 Intersect N & S line 8 lbs
north of Cor to Sec 2-3-

T-N R 31 E G + S R M

10 + 11 from which Cor Imm
 N $59^{\circ} 57' W$ on true line
 between Sur 3 + 10
 Var $14^{\circ} 9' E$

40.08 Set sand stone $13 \times 9 \times 6$ in
 8 in in the ground for
 $\frac{1}{4}$ Sur Cor marked $\frac{1}{4}$
 on N face and raised
 mound of stone alongside
 Pit impracticable

80.16 The Cor to Sur ~~$7^{\circ} 58' + 9^{\circ}$~~ $7^{\circ} 49' + 10^{\circ}$
 Land rolling
 Soil Bra rate
 Timber Oak + Pine
 Undergrowth same +
 bunch grass

T 5 N R 31 E G + S R M

North on random line
bet Sec 3 + 4

Var 14° 9' E

40.00 Along E slope of spur
Set temporary 1/4 Sec
box

50.09 Intersect North By of Twp
19 lbs West of Cor to Sec
3-4-33 + 34 previously
set by me from which
Cor @ run

S 8' W on true line between
Sec 3 + 4

Var 14° 9' E

40.09 Set sand stone 13 x 11 x 8 in
true in the ground for
1/4 sec Cor marked 1/4
on N face and raised
ground of stone alongside
Out impracticable
from which bears

To N A 31 E G + S R M

A Yellow Pine 10 mi diam
 @ 30° W 74 lbs cut
 marked 4 S. B. J.

No other tree within limits

80.0.9 The Co to Co 3-4-9-10

Land high and rolling
 Soil 3rd rate

Timber Pine Oak Cedar

Undergrowth same

Bunch grass

Sept 17-1853

T5-N R31 E G.S.R.M.

From the ^{Survey} Cor to Sec 32-33
on S. By as previously
set by me & mine
North bet Sec 32-33
Var 14° 9' E

Dissect

- 27.00 Cross brook 5 lbs wide
course S.W.
- 40.00 Set lava stone 36x24x10 mi
24 mi in the ground for
1/4 Sec Cor marked 1/4
on W face and raised a
mound of stone alongside
On the impracticable
from which
A cedar 20 mi diam bears
N60°W 20 lbs dist marked
1/4 S.B.T.
- 75.00 No other tree within limits
Top of ridge bears E + W
+ dissect

T. N. R. 31 E. G. & S. R. M.

79.00

Cross low sag bears East

50.00

Set lava stone 20 x 14 x 5 in

15 in in the ground for

cor to Sur. 25-29-32-33

marked with 1 notch in

Sand 4 in E edge and

raised mound of stone

along side. Site imprac-

turable

Sand high rolling

Soil 3rd rate

Timber Pine Oak Cedar

Undergrowth same &

brush grass

To N Q31 E G- R M

East on random line bet
Sec 28 + 33

Var 14° 9' E

Descend over high rolling
land

40.00 Set temporary 1/4 Sec Cor

79.73 Intersect N + True line 12 lbs

South of Cor to Sec 27-28-
33+34 from which Cor
I run

S 89° 55' W on true line bet
Sec 28 + 33

Var 14° 9' E

39.87 Set a lava stone 14 x 10 x 4 in

9 in in the ground for
1/4 Sec Cor marked 1/4
on N face and raised
a mound of stone along
side. Ok impracticable

A fri. 20 mi drain bears
S 30° E 47 lbs dist marked

T5N R31E G + SRM

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

No other tree within limits

79.73

The Cor to Sec 28-29-32 + 33

Lava high + rolling

Soil 3rd rate

Timber Pine Fir + Cedar

Undergrowth same +

Bunchgrass

North of Sec 28 + 29

Var 14° 9' E

Round

11.00 Top of spur bears E + around

30.00 Cross low sag bears N 75° E
+ S 75° W

40.00 Set a lava stone 20 x 10 x 4 in
15 mi in the ground for $\frac{1}{4}$
Sec Cor marked $\frac{1}{4}$ on W
face and raised a mound
of stone alongside Opt's in

T 5 N R 31 E G. S R M

practicable from which
 a Yellow Pine 19 mi diam
 bears N 20° E 27 lbs dist
 marked 1/4 @ B.T.

No other tree within limits
 remaining

60.00 Top of ridge bears N E
 S. W. & around

50.00 Set post 4 ft long 4 mi square
 with marked stone 12 mi
 in the ground; for Co to
 Sec 20-21-28+29 marked a
 T 5 N @ 21 m N E R 31 E
 S 25 m @ E S 29 m @ N
 @ 20 m W N face with 2
 notches on S and 4 on
 E edge and dug pits
 15 x 15 x 12 mi in each Sec
 5 1/2 ft dist and raised a
 mound of earth 2 ft high
 4 1/2 ft base around post

T5 N R 31 E G - SRM

from which bears

A Yellow Pine 30 mi diam

N 15° E 118 lbs dist marked

T5 N R 31 E S 21 B.T.

A Yellow Pine 20 mi diam

N 20° W 114 lbs dist marked

T5 N R 31 E S 20 B.T.

No other tree within limits

Luna muricata

Soil 3rd rate

Timber Pine Fir Cedar

Undergrowth same &

Bunchgrass

T5 N R31 E G + S R M

East on random line bet Sec
21 + 28

Var 14° 9 E

Acuna

30.00 Top of ridge bears N E ^{around}

40.00 Dit. temporary 1/4 Sec Cor

48.00 Cross road bears SE + NW

80.14 Intersect N + S line 20th block
North of Cor to Sec 21-22-
27+28 from which Cor I
run

N 89° 51 W on true line be-
tween Sec 21 + 28

Var 14° 9 E

40.07 Dit sand stone 24x11 x 4 mi
18 mi in the ground for
1/4 Sec Cor marked 1/4 on
N face and raised mound
of stone alongside site in-
practicable from which
A Yellow Pine 20 mi diam

T5N R31E G. & SRM

Scan N 30' W 12 lbs dust
marked 1/4 S.P.T.

No other tree within limits

✓ 80.14

Cor to Sec 20-21-28 r 39

Land rolling

Soil 3rd rate

Timber Pine Fir & Cedar

Undergrowth same &

Bunch grass

T5 N R 31 E G - SR M

North bet Dec 20 + 21

Var $14^{\circ} 9' E$

Dumud

40.00 Set post 3 ft long 3 mi diam
with marked stone 12
mi in the ground for 1/4
Sec Cor marked 1/4 Sec N
fall and dug pits 18 x 18 x 12
mi N + S of post 5 1/2 ft dia
and raised mound of earth
1 1/2 ft high 3 1/2 ft base around
post

52.00 Cross road bear SE + NW.

50.00 Set sand stone 16 x 10 x 4 mi
11 mi in the ground for
Cor to Dec 16-17-20-21
marked with 3 patches on
Sand 4 on E edge and
raised mound of stone
along side pits impractic-
able from which

T5 N R 31 E G. SRM

A Yellow Pine 20 mi diam
 near S 7° E 69 lke dist
 marked T5 N R 31 E S 21 B.
 No other trees within limits
 Land rolling
 Soil 3rd rate
 Timber Pine & Fir
 Undergrowth same +
 v Bunch grass

East on random line be-
 tween Sec 16 + 21
 Var 14° 9' E

Ascend

40.00 Set temporary 1/4 Sec Cor
 57.00 Top of spur near North
 + ascend
 80.27 Intersect N + S line 14 lke
 South of Cor to Sec 15-16

T5 N R 31 E G + SRM

21 - 22 from which Cor Spruce
 S 89° 54' W on true line bet
 Sec 16 + 21

Var 14° 9' E

40.14 Set sand stone 18 x 12 x 8 mi
 12 mi in the ground for
 1/4 Sec Cor marked 1/4 on
 N face and raised mound
 of stone alongside Pit's in-
 practicable from which
 a Yellow Pine 15 mi diam
 bears N 85° W 22 lbs dist
 marked 1/4 S. B. T.

No other tree within limits

80.27 The Cor to Sec 16-17-20+21

Land mountainous &
 rolling

Soil 3rd rate

Timber Pine & Fir

New growth same &

✓ Bunch grass

T5 N R 31 E G. S R M

North bet Sec 16 & 17
Var 14° 9' E

40.00 Dressed gradually
Set sand stone 12 x 6 x 9 in
6 in in the ground for
1/4 Sec E marked 4 on
W face and raised mound
of stone alongside pits im-
practicable

47.00 Cross brook 5 like wide course
East

80.00 Set sand stone 10 x 5 x 6 in
6 in in the ground for
E to Sec 8-9-16 & 17 marked
with 4 notches on S & 4
on E edge and raised
mound of stone along-
side pits impracticable
Land rolling
Soil 3rd rate
Timber Yellow Pine Fir

T₅-N R 31 E G. S. A. M

Oak + Cedar
 Undergrowth Prim &
 Bruchgrass I carefully examined the ad-
 justment of my Solar Compass today particularly the
 latitude-reversing apparatus found them correct
 Sept 15 - 1883

East on random line
 bet Sec 9 + 16

Var $14^{\circ} 9' E$

Ascend gradually over
 rolling surface

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

80.11 Intersect N & S line 6
 lbs north of Cor to Sec
 9-10-15 + 16 from which
 corner I run

W $89^{\circ} 57'$ N on true line
 bet Sec 9 + 16

Var $14^{\circ} 9' E$

40.06 Set lava stone $20 \times 5 \times 15$
 mi 15 mi in the ground

T 5-N A 3/E G + S R M

for 1/4 Sec Cor marked
1/4 on N face and raised
mound of stone along side
Site impracticable

80.11

The Cor to Sec 8-9-16-17
Land rolling ~~is~~

Soil 3rd rate

Timber Pine Fir + Cedar

Undergrowth Chiron +

Brush grass

T5 N Q 31 E G + SR M

North bet Sec 8 + 9

Var $14^{\circ} 9' E$

Acres

4.20 Leave Valley bears E + W.

40.00 Set sand stone $15 \times 7 \times 6$ mi
 10 mi in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
 on W face and raised
 mound of stone alongside
 Pite impracticable

72.00 Top of ridge bears NW + E

50.00 Set granite stone $18 \times 10 \times 9$ mi
 12 mi in the ground for Cor
 to Sec 4-5-8 + 9 marked
 with 5 notches in S + 4 on
 E edge and raised mound
 of stone alongside Pite im-
 practicable from which
 Apuni 10 mi down bears
 $S 45^{\circ} E$ 30 lbs dist marked
 T5 N Q 31 E @ G B. J.

T5 N R31 E G + SRM

a Pine 14 mi across bears
 160 W 70 lbs diet marked
 T5 N R31 E S & B. J.
 No other tree within limits
 ✓ Land mountainous
 Soil 3rd grade
 Timber Pine Fir Cedar
 Undergrowth same +
 ✓ Bromeliad grass

T & N R 31, E G & O R M

East on rawam line be-
tween Sec 4 & 9

Var $14^{\circ} 9' E$

Along north slope

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

46.00 Cross spur bear $N 15^{\circ} E$

79.94 Intersect N - Shire 53 lks
north of Cor to Sec 4-3-
9 & 10 from which Cor
is run

$N 89^{\circ} 37' W$ on true line
bet Sec 4 & 9

Var $14^{\circ} 9' E$

39.97 Set sand stone $14 \times 7 \times 6$
mi 9 mi in the ground
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N fall and raised
mound of stone alongside
It's impracticable from
which

A Yellow Pine 5 mi diam

To N Q 31 E G + S R M

bear N 20 W 84 lbs diet
marked 1/4 O.B.T.

No other tree within limits

99.94 Ebe Cor to Sec 4-5-8-9

Land rolling

Soil Bra rate

Timber Pine Oak Fir + Cedar

Undergrowth same Pine

Bunchgrass

North bet Sec 4 + 5 on
random line

Cor 14° 9' E

Diana

9.10

cross road bear N E +
S.W.

40.50

Set temporary 1/4 Sec Cor

43.10

cross brook 1/4 lbs wide
course S.E. + along S.E. slope

T5 N R 31 E G + SR M

of spur

7982

Intersect North Bay of Spr
43 lbs West of Cor to Sec
4-5-32 & 33 previously
set by me from which
Cor I run

S 18° W on true line between

Sec 4-5

Var 14° 12' E

3982

Set post 3 ft long 3 mi diam
with marked stone 12 mi
in the ground for 1/4 Sec Cor
marked 1/4 S on W face and
dug pit 10 x 10 x 12 mi N & S
of post 5 1/2 ft dist and
raised mound of earth
1 1/2 ft high 3 1/2 ft base
around post from which
An Oak 10 mi diam bears
N 50° E 17 lbs dist marked
1/4 S.B.T. No other tree with-

T5N R31 E G+ SRM

in private

79.52 The Cor to Sec 4-5-8-9

Land rolling

Soil Bra rate

Timber Oak Pine Fir

+ Cedar

Undergrowth same +

✓ Pasture + Bunch grass

To N R 31 E G + S R W

From the ^{stays} Cor to Sec 31 + 32
previously set by me &
run

North bet Sec 31 + 32
Var $14^{\circ} 9' E$

Along E slope

40.00

Set post 3 ft long 3 in
diam with marked stone
12 in in the ground for
1/4 Sec Cor marked at E
on W face and dug pit
 $18 \times 18 \times 12$ in N + S of post
5 1/2 ft dia and raised
mound of earth 1 1/2 ft high
3 1/2 ft base around post

69.00

Run same course S E

80.00

Set lava stone $14 \times 10 \times 4$ in
9 in in the ground for
Cor to Sec 29 - 30 - 31 + 32
marked with 1 notch
on S and 5 notches on

T5N R31 E G+ P R M

on E edge and raised
 mound of stone along side
 pits impracticable from
 which

A Yellow Pine 14 mi diam
 bears N20° E 37 lks dist
 marked T5N R31 E S
 29 B.T.

A Yellow Pine 24 mi diam
 bears S30° W 32 lks dist
 marked T5N R31 E S
 31 B.T.

No other tree within limits
 Land rolling

Soil Bra. site

Timber Pine Fir Cedar
 Muds growth is none +
 ✓ Onion & Brandy grass

T 5 N R 31 E G. & R M

East on railroad line bet
Sec 29 & 32

Var $14^{\circ} 9' E$

40.00 Asuna gradually
Set temporary $\frac{1}{4}$ Sec Cor
60.00 Top of spur bears S.E.
& around

80.46 Intersect N & S line 85
lbs north of Cor to Sec
25-29-32 & 33 from which
Cor S line

$N 59^{\circ} 45' W$ on true line
bet Sec 29 & 32

Var $14^{\circ} 9' E$

40.23 Set lava stone $14 \times 8 \times 5$ in
firm in the ground for $\frac{1}{4}$
Sec Cor marked $\frac{1}{4}$ on N
face and raised mound
of stone along side. Site
impracticable from
which

T 5 N R 3, E G, S R M

A Yellow Pine 14 mi diam
 bears No. E 32 lbs dist
 marked 1/4 S. B. T

No other trees within limits

80.46

The box to Dec 29-30-31-
 32

Land rolling

Soil 3rd rate

Timber Pine Cedar Fir
 + Oak

Undergrowth Onion +
 Bunch grass

T 5 N R 31 E G + D R M

Met on random line bet.

Sec 30 & 31

Var $14^{\circ} 9' E$

Round

38.00

Top of ridge bears N & S
around

40.00

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

79.68

Intersect West Bdy of T₅ 19
lbs South of Cor to Sec 25
30-31 & 36 previously set by
me from which Cor & true
 $S 89^{\circ} 52' E$ on true line
between Sec 30 & 31

...

Var $14^{\circ} 9' E$

39.68

Set granite stone $15 \times 10 \times 5$
ins 10 ins in the ground
for $\frac{1}{4}$ Sec marked $\frac{1}{4}$ on
N face and raised mound
of stone along side. Fits in-
practicable from which
a fir 20 ins diam bears

T5 N R 31 E G - S R M

S 75° E 34 lbs ant marked
1/4 S.P.T.

No other tree within limits

79.68 The box to Dec 29-30-31
732

Lava rolling

Soil 3rd rate

Timber Pine Fir Oak -
cedar

Undergrowth same &

✓ Bunch grass

T5 N R31 E G & R M

North bet Secs 29 + 30
 Var 14° 9' E

Ascending

- 22.00 Top of ridge bears E. + N. ^{around}
- 40.00 Old lava stone 14 x 10 x 9 mi
 9 mi in the ground for
 1/4 Sec 30 marked 1/4
 on W face and raised
 mound of stone along-
 side Pk impracticable
 A Chert Circle 14 mi diam
 bears N. 10° E 32 like and
 marked 1/4 S B T No other
 trees within limits
- 56.00 Cross low sag curve N E
 + around
- 60.00 Top of spur bears S. W.
 + around
- 80.00 Old lava stone 16 x 9 x 5 mi
 11 mi in the ground for
 Sec to Secs 19-20-29-30

T₅ N R 31 E G + SRM

marked with 2 notches
on S + 5 m E edge and
raised mound of stone
along side. Path imprac-
ticable from which
a Yellow Pine 20 mi diam
bear N 30° E 25 lbs cut
marked T₅ N R 31 E
@ 20 B.T.

No other trees within limits

Land rolling

Soil 3rd rate

Timber Pine Oak Fir +
cedar

Undergrowth same +
juniper + bunch grass

Sept 19-1873

T5 N R 31 E G + S R M

East on random line be-
tween Sec 29 + 20

Var $14^{\circ} 9' E$

Round abruptly

5.00 Top of spur bears N E
+ S W + Descend

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

80.22 Intersect N + S line 6
lbs. South of Cor to Sec
20-21-25 + 29 from which
Cor S run

$\beta 89^{\circ} 57' W$ on true line
between Sec 20 + 29

Var $14^{\circ} 9' E$

40.11 Set post 3 ft long 3 in diam
with marked stone 12 in
in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ Cor on N
face and dug pits $18 \times$
 18×12 in E + W of post
 $5\frac{1}{2}$ ft apart and raised

To N Q 31 E G + SR M

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

80.22

The Cor to Sus 19-20-29-30

Land rolling

Soil 3rd rate

Timber Pine Oak & Cedar

Undergrowth same &

Bunch grass

To N R 31 E G + R M

West on random line
bet Sec 19 + 30
Var $14^{\circ} 9' E$

Desund

40.00 Set temporary $\frac{1}{4}$ Sec Cor
79.44 Intersect West By of
Sp 44 lbs South of Cor
to Sec 24-25-19 + 30 pre-
viously set by me from
which Cor I run
 $S 89^{\circ} 41' E$ on true line
bet Sec 19 + 30
Var $14^{\circ} 9' E$

39.44 Set lawn stone $20 \times 14 \times 3$ in
15 in in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N face and raised
mound of stone along
side. Otk impracticable
from which.

Afri 12 mi drain bears

T5 N R 31 E G. & S. R. M.

S 20' N 42' Sks dist
marked $\frac{1}{4}$ C. B. J.

No other tree within limits

79.44

Tree Cor to Sec 19-20-29-
30

Land rolling

Soil 3rd rate

Timber Pine Oak Fir &
Cedar

Undergrowth same &

Juniper & bunchgrass

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

Notes bet June 19 + 20
Var 14° 9' E

40.00 Dismund gradually
Set post 3 ft long 3 mi
diam with marked
stone 12 mi in the
ground for 1/4 Sec Cor
marked 1/4 S on N face
dug pit 15 x 15 x 12 mi
N + S of post 5 1/2 ft dist
and raised mound
of earth 1 1/2 ft high
3 1/2 ft base around
post from which

A Yellow Pine 10 mi diam
bear @ 70° N 50 lbs dist
marked 1/4 S B. T.

No other tree within limits

54.00 Cross low sag course
N E

80.00 Set post 4 ft long 4 mi

T5 N R 31 E G. P. R. M.

square with marked
stone 12 mi in the
ground for box to tree
17-18-19 + 20. marked
T5 N S 17 m N E R 31 E
S 20 m S E S 19 m S W
+ S 18 m N W face with
3 potatoes on S and 5 on
E edge dug pits 18 x 18 x
12 mi in each see 5 1/2
ft dirt and raised
a mound of earth
2 ft high 4 1/2 ft base
around post - from
which bear

A Yellow Pine 40 mi diam
S 70° W 67 lbs dirt marked
T5 N R 31 E S 19 B. T.

A Yellow Pine 36 mi diam
N 40° E 57 lbs dirt mark-
ed T5 N R 31 E S 17 B. T.

T 5 N R 31 E G & S A M

A Yellow Pine 45 ins diam
 40 W 57 lbs dist marked

T 5 N R 31 E S 19 B. T.

No other trees within limits
 Land rolling

Soil 2nd & 3rd rate

Heavy timber Pine Oak

Fr Cedar

Undergrowth same &

Pine & Bluegrass

East on random line
 between Sec 17 & 20

Var 14° 9' E

Descend over high rolling
 surface

40.00 Set temporary 1/4 Sec Cor

41.00 Cross road bears S 20° E

79.88 Interest N & S line

To N R 31 E G & S R M

33 Akes South of Cor to Sec
 16-17-20 + 21 from which
 Cor drawn
 S 89° 46' W on true line be-
 tween Sec 17 + 20
 Var 14° 9' E

39.94

Set sandstone 12 x 10 x 5 mi
 5 mi in the ground for
 1/4 Sec Cor marked 1/4
 on N face and raised
 mound of stone alongside
 Pts impracticable

79.55

The Cor to Sec 17-18-19 + 20
 Land rolling
 Set 3rd rate
 Timber Pine Oak Cedar
 & Fir
 Undergrowth same &
 Pinon & Bunchgrass

T 5 N R 31 E G. S R M

Post on random line be-
tween Sec 18 & 19

Var $14^{\circ} 9' E$

Over high rolling land

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

79.75 Intersect Mt. By of Tp
11 lks South of Cor to Sec
13-18-19 & 24 previously
set by me from white
Cor I run

$S 89^{\circ} 55' E$ on true line
bet Sec 18 & 19

v Var $14^{\circ} 9' E$

39.75 Set post 3 ft long 3 in
diam with marked
stone 12 in in the ground
for $\frac{1}{4}$ Sec Cor marked.

$\frac{1}{4}$ Cor N face and dug
pit 18 x 18 x 12 in E & N
of post 5 1/2 ft dist and
raised mound of stone

To N A 31 E G. & R M

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

A Yellow Pmi 10 mi diam
bare N 12° W 57 lbs dirt
marked 1/4 S.P.T

No other tree within limits

79.75

The Cor to Sur 17-18-19 + 20

Land rolling

Soil 3rd rate

Timber Pmi Fir Cedar
+ Oak

Undergrowth same +

Pmi + Bruch grass

T5 N R 31 E G + S R M

North bet Sec 17 + 18
Var $14^{\circ} 9' E$

40.00 Dune gradually
Set post 3 ft long 8 mi
diam with marked
stone 12 mi in the
ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ S on N.

fall and pits $18 \times 18 \times 12$
mi N + S of post $5\frac{1}{2}$
feet and raised a
mound of earth $1\frac{1}{2}$
ft high $3\frac{1}{2}$ ft base
around post. from
which

A Yellow Pine 30 mi diam
bear $S 89^{\circ} W$ 137 lbs dist
marked $\frac{1}{4}$ S.B.T.

No other tree pituni limits
48.00 Cross road bears east
67.50 Cross. brook 5 lbs wide

T5 N R 31 E G + SRM

course East

80.00

Set sandstone 16x14x5 mi
11 mi in the ground for
" box to Sec 7-5-17 & 18
marked with 4 notches
on T & 5 on E edge and
raised mound of stone
alongside Pick impractic
cable from which

A pine 40 mi diam bear
S 3° E 60 lbs dia marked
T5 N R 31 E S 17 B.T.

A pine 86 mi diam bear
S 45° W 85 lbs dia marked
T5 N R 31 E S 18 B.T.

No other tree within limits
Land rolling

Soil 1st & 2nd rate

Timber Pine Oak Fir &
cedar

✓ Undergrowth same & Bluegrass

T5 N R 31 E G. S. R. M.

East on random line bet
Sec 8 + 17Var $14^{\circ} 9' E$ Across Over rolling
land40.00 Set temporary $\frac{1}{4}$ Sec Cor

79.98 Intersect N & S line

55 lbs South of Cor to

Sec 8-9-16-17 from which
Cor S run $S 89^{\circ} 36' W$ on true line
bet Sec 8 + 17Var $14^{\circ} 9' E$ 39.99 Set sand stone $15 \times 10 \times 3$ mi 10 mi in the ground
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on N face and raised
mound of stone alongside

Site impracticable

from which

A Yellow 15 mi diam

T 5 N Q 31 E G + S R M

beaver S 85° E 20 lbs diet
marked 1/4 S.B.T.

no other tree within limits

7998 The Cor to Sec 7-8-17 + 18

Lana rolling

Soil 2nd + 3rd rate

Timber Pmi Oak + Cedar

Undergrowth same ~~as~~

and Pmi + Bruchgrass

T 5 N R 3, E G & R M

West on a random line
bet Sec 7 & 15

Var $14^{\circ} 9' E$

Discovered along edge of
timbered flat

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

57.00 Enter flat bears N W & S E

55.00 Cross road bears S $80^{\circ} E$
& N $80^{\circ} W$

74.55 Cross fence bears N & S.

79.53 Intersect West By of Trp
38 lbs north of Cor to Sec

7-12-13 & 15 previously set
by me from which Cor
& mine

N 89° 44' E on true line
bet Sec 7 & 15

Var $14^{\circ} 9' E$

39.53 Set sand stone $14 \times 11 \times 9$ in
9 in in the ground for

TNR 31 E G + SRM

$\frac{1}{4}$ Sec corner marked
 $\frac{1}{4}$ on N face and
 raised mound of stone
 alongside Pitte infrac-
 triable

79.83

The Cor to Sec 7-5-17-18

Land rolling

Soil 3rd rate

Similar Oak Pine Cedar

Undergrowth same &

Pine & Bunch grass

I carefully examined the
 adjustments of my Solar Com-
 pass today particularly the
 latitude & leveling appara-
 tus found them correct

Sept 20 - 1883

5 N R 31 E G - S R M

North bet Dec 7-8

Var $14^{\circ} 9' E$

Record

40.00 Set sand stone $14 \times 10 \times 6$ in
9 mi in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N face and raised
mound of stone along side
from which

A pm 36 mi drain bears
 $N 50^{\circ} W 40$ lbs dirt marked
 $\frac{1}{4}$ S.B.T.

A pm 24 mi drain bears
 $S 70^{\circ} E 80$ lbs dirt mark-
ed $\frac{1}{4}$ S.B.T.

57.00 Cross road bears $N 70^{\circ} E$

80.00 Set lava stone $16 \times 14 \times 11$ in
11 mi in the ground for
Cor to Sec 5-6-7-8
marked with 5 notches
on S + 5 on E edge and

58
T5 N R 31 E Gr SRM

raised mound of stone
along side fence which
is 24 mi diam bears
@ 20° N 12 lbs dist marked
T5 N R 31 E @ 7 B.L

is 30 mi diam N 45° E
90 lbs dist marked T5-
N R 31 E @ 5 B.L

In other trees within limits
Land polling

Soil 3rd grade
Timber heavy Pine fir
Cedar + Oak

Undergrowth same +
Ox-eye + Bunch grass

T5 N R 31 E G + S R M

Cost on random line
bet Sec 5 & 8
Var $14^{\circ} 9' E$

Remaining

- 40.00 Set temporary $\frac{1}{4}$ Sec Cor
- 62.50 Cross road bears N E +
S. W. around
- 64.00 Top of ridge bears N. W.
+ S. E. + descend
- 79.76 Intersect N + S line 12 lbs
South of Cor to Sec 4-
5-8 + 9 from which Cor
I run
- \$89.55 "W on true line
bet Sec 5 + 8
Var $14^{\circ} 9' E$
- 39.85 Set granite stone $24 \times 24 \times$
20 in 15 in in the ground
for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ on N face and
raised mound of stone

S-N R 31 E G & O' R M

alongside Pk's mispracti-
cable

79.76 The Cor to Que 5-6-7 & 8
 Land rolling
 Soil 3rd rdte
 Timber Pine Oak Fir
 & Cedar
 Undergrowth same &
 Bunchgrass

T5 N R31 E G + S R M

West on random line bet
Sec 6 & 7

Var $14^{\circ} 9' E$

Along South slope of hill

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

79.70 Intersect West B'y of Tr

20 lks North of Cor to Sec

6-7-10-12 previously set
by me from which
Cor I run

N $89^{\circ} 51' E$ on true line
bet Sec 6 & 7

Var $14^{\circ} 9' E$

39.70 Set sandstone $14 \times 14 \times 40$ in

9 in in the ground for

$\frac{1}{4}$ Sec cor marked $\frac{1}{4}$

on N face and raised

mound of stone along

side. Pk^{ts} impracticable

79.70 The cor to Sec 5-6-7

v8

T5 N R 31 E Co SRM

Land polling
Srl. Bra. rdte
Timber Pine Oak Cedar
Undergrowth same
Pine & Buckgrass

T5 N R31 E G+SR M

North on random line bet
Sec 5 + 6

Var $14^{\circ} 9' E$

Round

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

42.00 Top of ridge bears N.W.
+ S.E. + around

80.16 Intercept North Ery of
" Top 7 lks west of Cor to.
Sec 5-6-31-32 as per
ministry set by me from
which bet I run
S3' W on true line bet
Sec 5 + 6

Var $14^{\circ} 12' E$

40.16 Set lava stone $14 \times 11 \times 6$ in

9 in in the ground
for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ on N^W face and raised
mound of stone
along side C^W impracticable

J-N R 31 E G-S R M

80.16

The Cor to Sec 5-6-7-8
 Land rolling
 Soil 3rd rate
 Timber Pine Oak Cedar
 Undergrowth cane Pinon
 Bulch grass
 Sept 21-1883

General Description

This Fractional Township is high rolling and mountainous, traversed and interspersed with fine valleys along its numerous water courses.

The soil is a rich dark loam and very productive in the valleys & where the stone does not crop out excessively.

The stone formation consists of sandstone Granite basalt
rc.

The timber is plentiful comprising Pine Hemlock Fir some Oak Cedar and Aspen.

It is well watered with springs and spring branches in which trout and other small fish are abundant.

The grazing facilities
are excellent - Wild game
is plentiful.
It is accessible by common
transportation.

Final Oaths for Surveys.

LIST OF NAMES.

A list of the names of the individuals employed by

W. R. Fitzgerald, United States
Deputy Surveyor, to assist in running, measuring, and marking
the lines and corners described in the foregoing field-notes of the
survey of the 7th Auxiliary lands
Meridian West along *N.B. Tps 5, 6
+ 7 + R 29 E*, the 1st Standard
Parallel North along *S.B. Tps 5 +
R 27, 28, 29, 30 + 31 E* and
the Exterior Subdivision and
retracing lines of *Tps 5, 6 + 7 N
R 27, 28, 29, 30 + 31 E + T. 4 N
R 28 E* *Halla + Salt River* *N.W.*

showing the respective capacities in which they acted.

	, Compassman.
<i>Thos J Kerr</i>	, Chainman.
<i>M. L. Van Horn</i>	, Chainman.
<i>Thos. Sloney</i>	, Chainman.
<i>J. M. Chaylie</i>	, Chainman.
<i>A. G. Walker</i>	, Axeman.
<i>Theodor Frise</i>	, Axeman.
	, Flagman.

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Final Oaths of Assistants.

We hereby certify that we assisted
W. R. Fitzgerald United States Deputy Surveyor,
 in surveying all those parts or portions of the *7th* *Auxiliary*
Guide Meridian West along *N. 13.*
Trs 5, 6 + 7 N. R 29 E, the 1st Stand.
Parallel North along *S. 13* *Trs 5 N. Rs*
27, 28, 29, 30 + 31 E, and 10th Exterior
Subdivision and retracing lines of Trs 5,
6 + 7 N. Rs 27, 28, 29, 30 + 31 E + N. 14 N
R 28 E
 of the *Grand Salt River* base and

Meridian, *Territory of Arizona*, as are
 represented in the foregoing field-notes as having been surveyed by
 him and under his direction; and that said survey has been in all
 respects, to the best of our knowledge and belief, well and faith-
 fully surveyed, and the corner monuments established according
 to the instructions furnished by the United States Surveyor-Gen-
 eral for *Arizona*

- Thomas J. Kern* , Compassman.
- W. L. VanHorn* , Chainman.
- Thomas Stoney* , Chainman.
- J. M. Chaplin* , Chainman.
- J. A. Walker* , Axeman.
- Theodore Friese* , Axeman.
- H. Black* , Flagman.

Subscribed and sworn to before me this *29th*
 day of *September*, 188*3*.

E. Shoemaker
 U. S. Commissioner, 3d Judicial District,
 Arizona Territory.

Final Oath of United States Deputy Surveyor.

I, J. R. Fitzgerald,United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from J. M. Robbins

, United States Surveyor-General

for Arizona, bearing date of the
21st day of September, 1882,I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona,the surveying manual, and the laws of the United States, surveyed all those parts, or portions of the 7th AuxiliaryGuide Meridian West along N.B. Tps 5.6. + 7 N R 29 E, the 1st Standard Parallel North along S.B. Tps 5 N R 27. 28. 29. 30 + 31 E and the Exterior, subdivision and retracing lines of Tps 5.6 + 7 N. R 27. 28 29. 30 + 31 E + S. 4 N R 28 Eof the Gila + Salt River base andMeridian in the Territory of Arizona,

as represented in the foregoing field-notes as having been surveyed by me and under my directions; and I do further solemnly swear

that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States Surveyor-General for *Arizona*, and in the specific manner described in the field-notes, and that the foregoing are the true field-notes of such survey; and, should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an Act of Congress, approved August 8, 1846.

W.R. Fitzgerald.

United States Deputy Surveyor.

Subscribed and sworn to before me this *29th*
day of *September*, 188*3*.

A.E. Shaemaker

U. S. Commissioner, 8d Judicial District,
Arizona Territory.

U. S. Surveyor General's Office,

Tucson, Arizona, June 16, 1884,

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 5 North.
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 25th

day of July, 1884, having been

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

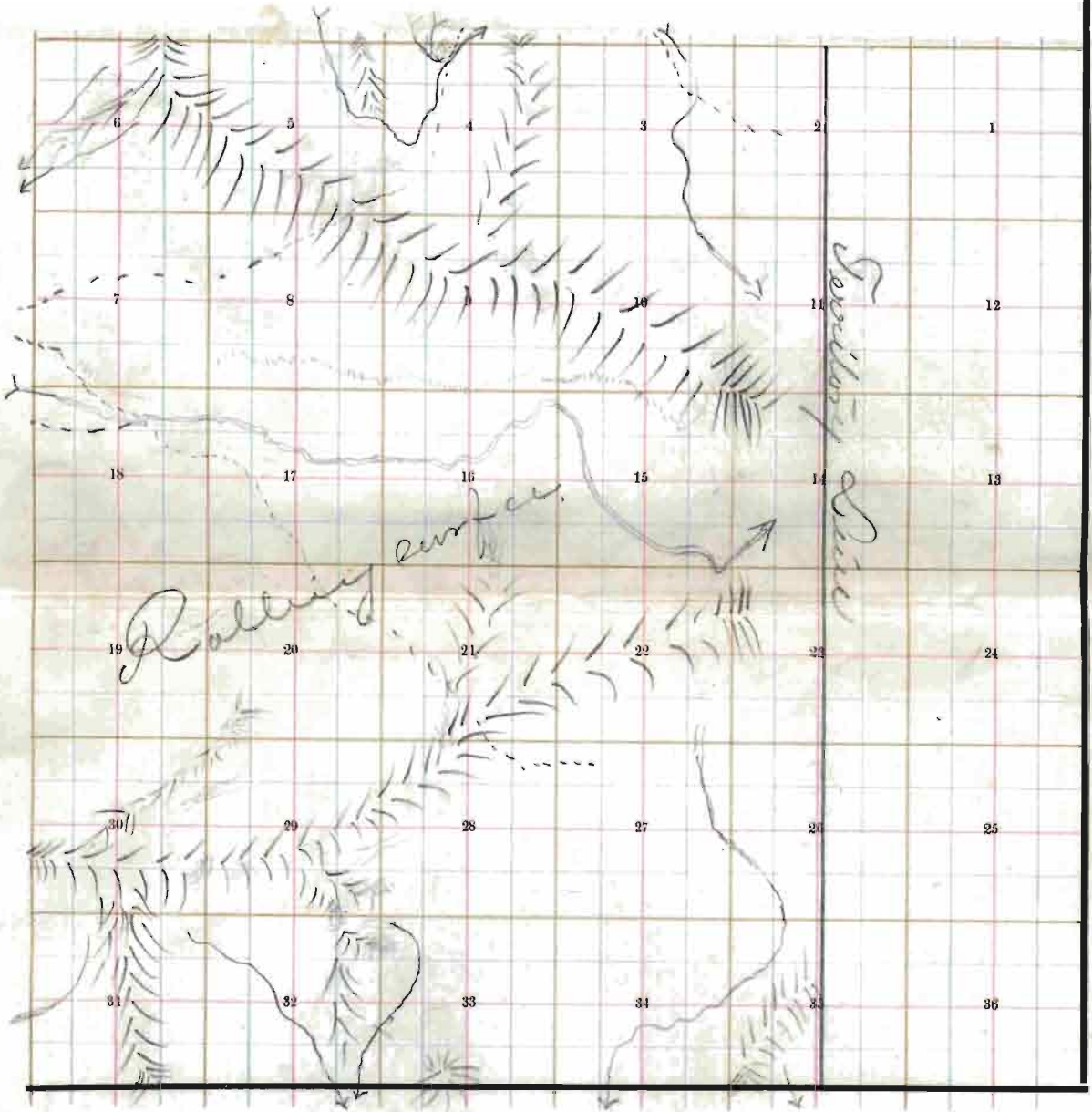
are hereby approved

Royce Johnson
Surveyor General.

Township No. 5-28 Range No. 31 6 9 1 2 Meridian 100

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BOOK 35



TOWNSHIP PLOT.

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work,