

B. O. K 15-

No - 118

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF -

Township 12 N. Range 30 E

Gila and Salt River Base and Meridian

ARIZONA.

By *William Sauter* D. S.

under contract dated *Apr 29* 1882

Survey commenced *Oct. 4* 1882

Survey completed *Oct 11* 1882

No - 118

1A

BOOK 118

INDEX DIAGRAM.

Township 12 *JK*

Range 30 *E*

3rd Standard Parallel North

6	94	5	71	4	51	3	34	2	16	1
96		95		70		50		33		14
7	94	8	68	9	48	10	31	11	13	12
92		90		66		47		30		11
18	89	17	65	16	45	15	28	14	9	13
86		45		63		43		27		8
19	83	20	61	21	42	22	25	23	7	24
87		40		59		42		23		6
30	78	29	57	28	40	27	21	26	5	25
76		75		55		39		20		3
31	73	32	53	33	36	34	17	35	1	36

Gila and Salt River, Arizona.

No-118

Subdivision, T 12 N. R 30 E.

Gila and Salt river Meridian -

Survey commenced
Oct. 4 - 1882. with
a Kent's Patent Improved
Solar Compass nearly new
and in first rate order
made by Otto Fenzel of
Casell, Germany in 1881.

From the corner to
sections 1-2-35 & 36 which
is a Basalt stone set firmly
in the ground marked with
5 notches on W and 1 notch
on E edges and pits 18 x 18
x 12 inches ^{in early def.} 5 1/2 ft. dist. with
mounds of earth 2 ft. high 4 1/2 ft.
base alongside. I run
North between Secs 35 & 36.
to 14° E.

Descend

S. 12 N. R. 30 E. S. 28. R. M.

CHAINS.

- 8.10 Cross gulch 20 lbs wide, Course N.
75 W. and ascend.
- 40.00 Set a basaltic stone $15 \times 11 \times 9$ in.
10 ins in the ground for $\frac{1}{4}$ Dec.
Cor. marked $\frac{1}{4}$ on W face, dug
pile $18 \times 18 \times 12$ ins N + S of stone
 $5\frac{1}{2}$ ft. dist, and raised a
mound of ^{earth} ~~stone~~ $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside.
- 80.00 Set a quartz stone $12 \times 11 \times 9$ ins
8 ins in the ground for Cor
to Decs 25, 26, 35, 36 marked
with 1 notch on S + 1 notch
on E edges, dug pile $18 \times 18 \times$
12 ins in each dir $5\frac{1}{2}$ ft dist
and raised a mound of
earth 2 ft. high $4\frac{1}{2}$ base
alongside -
Band rolling

S. 12 N. R. 30 E. S. 3 S. R. W.

CHAINS.

Soil 2nd rate.

Timber of Cedar

Vegetation, Bunchgrass & Sagebrush

East on random line between
Sec 25 & 36.

To 14° E.

Descend.

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

60.80 Cross Wash 7 lbs wide course N. W.
and ascend.

69.50 Top of ridge bears N. W. & S. E. and
descend

79.88 Intersect E. boundary of Sp 7
lbs south of Cor to Secs 25-30-
31-36 - which is a Basalt slab
set firmly in the ground, marked
with 1 notch on S and 5 notches

S. 12 N. R. 30 E. b. & s. R. M.

CHAINS.

on N. edges and with mound
of stone alongside from which
C. 9 runs S $89^{\circ} 57' W$ on a
true line between Decs 25-36

to $14^{\circ} E$.

39.94 Set a sand stone $14 \times 10 \times 6$
ins. 10 ins in the ground
for $\frac{1}{4}$ Dec Cor, marked $\frac{1}{4}$ on N.
face, dug pits $18 \times 18 \times 12$ ins E & W
of stone $5\frac{1}{2}$ ft. dist and raised
a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside.

79.88 The Cor to Decs 25-26-35-36.

band mountains.

Soil 2nd rate

Vegetation, Bluegrass & Sagebrush

S. 12 N. R. 30 E.
S + S. R. W.

blains North bet. Decs. 25 + 26.
ba 140 E.

Descend -

25,00 Cross wash 10 lbs wide
Course N 60° W + ascend -

40,00 Set a lava stone 16 x 14 x 13
ins, 10 ins in the ground
for $\frac{1}{4}$ Dec cor. marked $\frac{1}{4}$
S on W face, and raised a
mount of stone alongside
Pits impracticable!

49,00 Top of ridge bet N - W +
S E + descend -

65,00 Enter timber bet E + W,

80,00 Set a lava stone 20 x 18
x 12 ins 15 ins in the ground
for cor to Decs. 23 - 24 / 25 + 26
marked with 2 notches

S. 27. R. 30 E. T. + S. R. M.

Charris -

on S + 1 notch on E
edges. Dry pits 18 x 18 x
12 ft. in fact seen
5 1/2 ft. deep and
raised a mound
of earth 2 ft. high
4 1/2 ft. base
along side

Soil mountainous
Soil 3rd rate

Vegetation, Bunchgrass + Sagebrush

S. 2 N. R 30 E. S 38. R. M.

Easton random line bet. Secs 25-24

ba 140° 2

Descend

32.75 Beam Timber bears N + S.

40.00 dit temporary 1/4 Sec Cor.

56.75 cross gulch 20 fks wide corner
and descend

7994 subvertical E. B. of 5 f 10 lbs
S. of Cor to Secs 19-24-25-30
which is a Basalt stone set

firmly in the ground marked with
2 notches on S and 4 notches on N -

face and pits 18 x 18 x 12 ins 5/2
ft. dist in each Sec. and mounds
of earth 2 ft. high 4 1/2 ft. base
long side - from which Cor

run S 89° 56' W on a true
line bet. Secs 24 + 25 -

ba 140° 2

6-A
6B

S. 2 N R 30 E. S 3 S. R. M.

charms -

39.97 Set a post 3 ft. long 3 in. sq. with
marked stone for ^{1/4} sec cor marked
^{1/4} sec on W face, dug pits 18x18x12
in. E & W of stone 5 1/2 ft. dist
& raised mounds of earth 1 1/2
ft. high 3 1/2 ft. base around
stone post

✓
79.94 Set cor to sees 23-24-25-26
Band rolling
Soil 2nd & 3rd feet
vegetation bunch grass &
sagebrush.

North lat. sees 23 & 24
ba 140 E
D record -

S. 2 N. R. 30 E. S. 3 S. R. 11.

CHAINS

- 7.50 Cross low bog and ascend.
- 13.00 Leave timber bears N. E. S. W.
- 40.00 Set a lava stone $14 \times 14 \times 8$ ins. 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face. dug pits $18 \times 18 \times 12$ ins. N & S of stone $5\frac{1}{2}$ ft. dia. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side.
- 46.00 Top of ridge, bears N. 30° E. & S. 20° W. & descend.
- 80.00 Set a lava stone $18 \times 14 \times 12$ ins., 12 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S and 1 notch on E edges and raised a mound of stone alongside. Pits imperfect cable.

S 127. R 30 E. S 8 S. R. M.

CHAINS.

Band mountains.
Soil 2nd rate -
Vegetation, bunchgrass & Sagebrush

East on random line between
Secs. 13 and 24 -
T_a 14° E.

Descend

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

40.21 Intersect E. boundary of Sp.
16 lbs north of Cor to Secs.
13-18-19-24. Which is a
Basalt stone set firmly in
the ground marked with
3 notches on S and 3 notches
on N edges. and mound
of stone alongside. from
which corner I run

P. 127. R 30 E. S 3 S. R. W.

CHAINS.

N $89^{\circ} 55'$ W on true line between
Dees - 13 - 24

to $14^{\circ} E$ -

40, 10 Set a Basaltic stone $12 \times 10 \times$
 8 ins 8 ins in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on the
face and raised a mound
of stone alongside.
Pits impracticable -

80, 21 The corner to Dees - 13 - 14
23 + 24.

Band rolling

Soil 2nd rate.

Vegetation Bunchgrass + Large brush -

North between Dees - 13 + 14 -

to $13^{\circ} 55'$ East

Descent -

S. 12 N. R. 30 E. S. 3 S. R. M.

CHAINS.

- 29.40 Cross low bog and ascend
- 40.00 Set a lava stone $16 \times 12 \times 6$ in
10 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on W face
and raised a mound of
stone alongside. Pits
impracticable.
- 44.00 Top of ridge bears E & W and
descend.
- 80.00 Set a lava stone $14 \times 12 \times 10$
ins 10 ins in the ground
for Cor. to bear 11-12 13 & 14
marked with 4 notches
on S and 1 notch on E
edges, dug pits $18 \times 18 \times 12$
ins in each Sec. $5\frac{1}{2}$ ft.
dirt and raised a
mound of earth 2 ft.
high $4\frac{1}{2}$ ft. base.

P. 27. R 30 E. S. 3 S. R. M.

CHAINS

alongside

Band mountains

Soil 3^d rate

Vegetation, Bunchgrass & Sagebrush

East on random line bet. Secs 12 & 13.

to $13^{\circ} 55'$ East.

Descend.

- 6.30 Cross low Sag and ascend
- 13.00 Top of ridge bears N. W. & S. E.
and descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 49.04 Intersect E. boundary of Sp. at
Cor to Secs 7-12-13-18- which is
a Basalt stone set firmly in
the ground marked with
4 notches on S and 2 notches
on N edges with pits

S. 12 N. R. 30 E. S. 5 S. R. W.

CHAINS.

5 1/2 ft. dist - 18 x 18 x 12 ins. - and
 mounds of earth 2 ft high
 4 1/2 ft. base alongside -
 from which I have west
 on a true line between Secs
 12-13

to 13° 55' East

40.02 Set a basaltic stone 14 x 10
 x 10 ins. 10 ins in the ground
 for 1/4 Sec. Cor. marked 1/4
 on N face, dug pits 18 x 18 x 12
 ins. E + W of stone 5 1/2 ft.
 dist and raised a mound
 of earth 1 1/2 ft high 3 1/2 ft.
 base alongside.

80.04 The corner to Secs. 11-12-13-14.
 Band manipulations
 Soil 2 - 2 salt
 Timber Pine & Cedar

T 12 N. R 30 E. S 9 S. R. M.

CHAINS.

Vegetation Bunchgrass Sagebrush
 Oct. 4th 1882

North between Secs. 11 & 12.

to $13^{\circ} 50'$ East.

Descend -

- 6.87 Cross low Sag & ascend -
 29.00 Top of ridge bears N. W & S. E.
 and descend
 40.00 Hit a lava stone $20 \times 18 \times 16$
 ins 15 ins in the ground for
 $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W-
 face & raised a mound of stones
 along side - Pit impracticable -
 60.00 Cross low Sag and ascend -
 74.80 Top of ridge, bears E & W. and
 descend
 80.00 Hit a lava stone $14 \times 12 \times 10$

S. 127. Base E. L. & S. R. M.

CHAINS-

is 10 ins in the ground for
 Cor to Dec. 1-2-11-12 marked
 with 5 notches on S and 1
 notch on E edges and
 raised a mound of stone
 alongside fits in practicable
 band mountains.

Soil 2nd rate

Vegetation Bunchgrass & Sagebrush

East on random line bit Dec 11 & 12.

to 13° 50'

Ascend

- 10.00 Top of ridge, bears N & S. and descend
 31.60 Cross gully 10 lbs wide course
 W. and ascend -
 40.00 Set temporary $\frac{1}{4}$ Sec Cor.
 80.09 Intersect E. boundary of

S 127. R 30 E. S S S. R. M.

CHAINS.

lower half 15 lbs south of Cor
 to Decs 1-6-7+12 which is
 a Basalt stone set firmly
 in the ground marked 5 notches
 on S and 1 notch on N
 face with mounds of
 stone along side from which
 cor. I run. S 80° 54' W on a
 true line between Decs. 1+12.
 Va 13° 50' East

40.04 Hit a Basaltic stone 12x10x7
 ins. 8 ins on the ground for 1/4
 Dec Cor. marked 1/4 on N face
 dug pits 18x18x12 ins E & W
 of stone 5 1/2 ft. dia and raised
 a mound of earth 1/2 ft. high
 3 1/2 ft. base alongside

40.09 The Cor. to Decs 1-2-11-12
 Band mountains.

S 12 N. R 30 E. N. 3 S. R. W.

CHAIN 81

Soil 2 = rate

Vegetation, Bushy grasses Sagebrush

North on a true line between Secs 17 & 2.
 Va 14° East.

Descend -

17.00 Bank of mesa bears E & W.

40.00 Set a lava stone 14 x 12 x 8
 ins 10 ins in the ground
 for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
 W. face and raised a mound
 of stone alongside. Pits impracticable

121.42 Diverge the 3^d standard
 parallel North at a point
 6.78 chs west of the standard
 $\frac{1}{4}$ Sec
 Cor to Secs 35 & 36, S 13 N R 30 E.
 at which point I set a
 sand stone 22 x 10 x 4 ins

S. 27. R. 30 E. S. 5 S. R. 11.

CHAINS.

16 ins in the ground for
 closing cor. to Decs. 1 & 2
 marked C. C. with 1 notch
 on E & 5 notches on W edge,
 dig pits 18 x 18 x 12 ins S. E. & W.
 of above 5 1/2 ft. dia. and
 raised a mound of earth
 2 ft. high 4 1/2 ft base alongside
 Band mountainous
 Soil 3^d rate

Vegetation, Bunchgrass & Sagebrush.

From corner to Decs - 2 - 3.
 34 & 35 which is a post
 set firmly in the ground,
 4 in sq. with marked
 stone alongside - marked
 S. 27. S. 35 on N. E. R. 30 E. S. 2

S. 12 N. R. 30 E. S. 33 S. R. 11 W.

CHAINS.

on S E, S 11 N, S 3 on S W 3
 S 34 on N. W. face - 4 notches
 on W and 2 notches on E
 edges - and Pits 18 x 18 x
 12 ins - 5 1/2 ft. dist with
 mounds of earth 2 ft. high
 4 1/2 ft. base along side -
 I run north between Secs 34 & 35
 to 13° 50' East

Descent

- 4.10 Enter timber bears N. E. S. S. W.
- 18.40 Cross gulch 7 lbs wide, Course N 80° W
 and ascend -
- 40.00 Set a post 3 ft. long 3 in diam
 with marked stone, 12 ins in
 the ground for 1/4 Sec. Cor -
 marked 1/4 S on W face, dug
 pits 18 x 18 x 12 ins - N x S. of
 post 5 1/2 ft. dist and

S. & N. R. 30 E. 5 & 6 S. R. 11.

CHAINS.

raised a mound of earth $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post from which a Cedar 8 ins diam bears π 100° E. 25 lbs dist. marked $\frac{1}{4}$ S. B. 5.

8000 Set a basaltic stone $13 \times 12 \times 9$ ins 8 ins in the ground for Cor to Dec 26-27-34-35, marked with 1 notch on S and 2 notches on E. edges. dug pits $18 \times 18 \times 12$ ins. in each Dec. $5\frac{1}{2}$ ft. dist and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside sand holding soil 2nd rated

Timber - pine & Cedar -
vegetation, Bunchgrass & Sagebrush.

S. 12 N. R. 30 E. - S. 3 S. R. 11.

CHAINS.

East on random line between
Secs 26 & 35.

ba - $13^{\circ} 50'$ East

Descend

19.90 Cross gulch 7 lbs wide, Course
N and ascend.

27.50 Top of ridge bears N 15 S descend.

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

50.10 Cross wash 7 lbs wide, Course N
and ascend.

72.80 Top of ridge bears N 15° W. S. 3 S. 15 E
and descend.

80.11 Intersect N 7 S. line 14 lbs N of Cor
to Secs 25-26-35-36 from which
Cor I run N $80^{\circ} 54'$ W on a
true line between Secs 26-35-

ba $13^{\circ} 50'$ East -

40.05 Set a sand stone $16 \times 10 \times 6$
ins 10 ins in the ground for

S. 12 N. R. 30 E. S. 3 S. R. 11.

CHAINS-

1/4 Sec Cor, marked 1/4 on N face
and raised a mound of stones
along side. Pit is impracticable
from which a cedar, 8 ins
diam - bears E 26 lbs dist -
marked 1/4 S. B. 5.

A cedar 8 ins - diam, bears N 40 E
22 lbs dist marked 1/4 S. B. 5.

80.11 The corner to Secs 26-27-34-35:

Band mountains

Soil 2nd rate

Timber. Pine

Vegetation, Bunchgrass & Sagebrush

North between Secs 26 & 27

to 13° 50' East

ascend

190 Top of ridge, bears N. W. 38 E

BOOK 118

S 12 N R 30 E. S 5 S. R. W.

CHAINS-

- and descend
- 25.80 Cross gulch 7 lbs wide corner N.W.
and ascend
- 40.00 Set a lava stone 13 x 10 x 6 ins
& ins in the ground for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ on W face
and raised a mound of stone
along side.
- Pits impracticable, from which
a cedar 5 ins in diam bears
W - 120 lbs. dist marked $\frac{1}{4}$ S. B. S.
- 59.85 Top of mesa bears S. E. & N. W. and
descend.
- 80.00 Set a basaltic stone 10 x 10 x 6
ins & ins in the ground for
Cor to Secs 22, 23, 26 & 27 -
marked with 2 notches on
S and 2 notches on E-edges
and raised a mound of

S. 12 N. R 30 E. S 23. B. 5.

CHAINS.

stone alongside, Pits impracticable
 from which a cedar 3 in in
 diam - bears N 15° E 17 lbs. dist -
 marked S. 12 N. R 30 E. S 23. B. 5.

A cedar 4 in diam - bears S 42° E.
 16 lbs dist marked S. 12 N. R 30 E, S 23, B. 5.

from which
 A cedar 7 in diam bears S 46° W 18 lbs dist
 marked S. 12 N. R 30 E. S 27. B. 5.

A cedar 7 in diam bears East - 52 lbs dist
 marked S. 12 N. R 30 E. S 23 B. 5.

Band mountains.

Soil 3^d rate -

Timber, Pine & Cedar.

Vegetation, Bushy grass & Sagebrush -

Easton random line between Sec
 23 and 26 -

to 13° 50' East

S. 2 N. R. 30 E. T. 5 S. R. 11 W.

CHAINS.

Ascend

38.40 Bank of mesa bears $N 70^{\circ} W$ &
 $S 70^{\circ} E$, & ascend40.00 Set temporary $\frac{1}{4}$ Sec Cor.79.89 Intersect N & S line 8 lks north
of bar to Secs. 23-24-25 & 26.
from which Cor. I run.
 $N 89^{\circ} 57' W$ on a true line between
Secs. 25 & 26Dip - $13^{\circ} 50'$ East39.94 Hit a basaltic stone $14 \times 9 \times 7$ ins
10 ins in the ground for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ on N face and raised a
mound of stone alongside.
Pits impracticable79.89 The Cor to Secs 22-23-26-27.
band rolling
Soil 2nd rate
Timber Pine & Cedar

S. 12 N. R 30 E. S 5 S. R. M.

CHAINS.

Vegetation Bunchgrass & Sagebrush.

North between Secs. 22 & 23 -
 on 130° 50' East.

Ascend -

40.00 Set a basaltic stone 14 x 12 x 10 ins
 10 ins in the ground for $\frac{1}{4}$ sec, cor.
 marked $\frac{1}{4}$ on W. face. dig pits
 18 x 18 x 12 ins N & S. of stone $\frac{5}{2}$ ft
 dist and raised a mound of earth
 $\frac{1}{2}$ ft. high $\frac{3}{2}$ ft. base alongside -
 from which -

A pin 6 in diam, bears S. E 42 -
 lbs dist marked $\frac{1}{4}$ S. B. S.

A pin 5 in diam bears S. 10 E -
 20 lbs dist. marked $\frac{1}{4}$ S. B. S.

42.00 Foot of mesa bears N 70° W + S 70° E -

46.50 Bank of mesa bears N 70° W + S 70° E -

S. 12 N. R. 30 E. S. 3 S. R. 7 W.

CHAINS.

80.00 Set a basaltic stone 16 x 12 x 4 in
 10 ins in ground for cor to Secs
 14-15-22-23 marked with 3
 notches on S & 2 notches on E
 edges, dug pits 18 x 18 x 12 ins
 in each S & 5 1/2 ft. dia.
 and raised a mound of earth
 2 ft. high 4 1/2 ft. base along side
 from which - a cedar 8 ins
 diam bears S 43° W. 15 lbs dist
 marked S. 12 N. R. 30 E. S. 3 S. B. 5.
 a cedar 7 ins. diam bears N 46° E.
 99 lbs dist. marked S. 12 N. R. 30 E. S. 3 S. B. 5.
 Band mountains.
 Soil 3^d rate.
 Timber. Pine & Cedar
 Vegetation Bunchgrass & Sagebrush

S. 2 N. R. 30 E. S. 3 S. R. 11.

CHAINS.

East on random line between
Sections 14 and 23
to 140 East.

Ascend.

36.50 Top of mesa bears N. W. S. E. 7 degrees.

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

43.00 Beaver timber bears N. W. S. E.

40.00 Intersect N. S. D. line, 11 lbs South
of Cor to Sec. 13-14-23-24 from
which corner I run.

S 89° 55' W on a true line
between Secs. 14-23.

to 140 E.

40.00 Set a basaltic stone 15 x 10 x 5
ins 10 ins in the ground, for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ on N. face.
dig pits 18 x 18 x 12 ins, E & W.
of stone 5 $\frac{1}{2}$ ft. dia and raised
a mound of earth $\frac{1}{2}$ ft. high

S. 2 N. R. 20 E. S. 3 S. R. 11.

CHAINS.

3 1/2 ft. base alongside,
 40.00 The corner to Sec. - 14 - 15 - 22 - 23.

Band rolling
 Soil 2nd rail

Timber. Pines Cedar.

Vegetation Bunchgrass & Sagebrush.

I carefully examined the
 adjustments of my solar compass
 today, particularly the latitude
 and leveling apparatus &
 found them correct.

Oct. 5th 1882

North, between Secs. - 14 and 15

to 14° East.

Ascend.

07.20 Beaver timber bears N. W. + S. E.

40.00 Hit a basaltic stone 12 x 10 x 4

Six N. R. 30 E. S. 8 S. R. W.

CHAINS.

- 46.50 8 in in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on W. face, dug
 pits $18 \times 18 \times 12$ in N + S of above
 $5\frac{1}{2}$ ft. dist. and raised a mound
 of earth $\frac{1}{2}$ ft. high $4\frac{1}{2}$ ft. base alongside
 Top of mesa bears N 70° W. & 70° E
 and descend
- 80.00 Set a basaltic stone $11 \times 11 \times 8$
 in 8 in in the ground for
 Cor to Secs. 10-11 & 14 & 15
 marked with 4 notches on S
 and 2 notches on E edges.
 dug pits $18 \times 18 \times 12$ in in each
 bed. $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth. 2 ft. high
 $4\frac{1}{2}$ ft. base alongside -
 Band rolling
 Soil 2nd rate
 Timber Pine & Cedar

S. 2 N. R. 30 E. S. 3 S. R. 7 W.

CHAINS.

Vegetation, Bunchgrass & Sagebrush.

East on random line between
Dees 11 & 14

Variation 14° 5' East

Descend.

- 24.10 Cross low sag and ascend.
- 40.00 Hit temporary $\frac{1}{4}$ Sec Cor.
- 46.00 Enter timber bears N. W. & S. E.
- 79.82 Intersect N. S. line 17 lbs. South
of Cor. to Dees. 11-12-13-14. from
which Cor. I run S 89° 53' W on a
true line between Dees 11-14
Va 14° 5' East.
- 89.91 Hit a basaltic stone 18 x 10 x 6 in.
12 ins in the ground for $\frac{1}{4}$ Sec.
Cor. marked X on N. face.
and raised a mound of stone

S. 2 N. R. 3. E. S. 3 S. R. 7 W.

CHAINS.

alongside

Pit is impracticable.

79.82 The Cor to Secs 10-11-14 & 15

band rolling

Soil 2nd rate

Siberian Pine & Cedar.

Vegetation, Bunchgrass & Sagebrush.

North between Secs 10 & 11

to 140 5' E. cont.

Descend

25.50 Cross low Sag & ascend.

40.00 Hit a basaltic stone 10 x 9 x 8 ins
6 ins in the ground for $\frac{1}{4}$ Sec.Cor marked $\frac{1}{4}$ on W face
dry pits 18 x 18 x 12 ins N & S
of stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth.

S. 27. R. 30 E. S. 3 S. R. 11.

CHAINS.

$1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base, along side
from which a cedar 10 ins
diam, bears North 13 lbs dist,
marked $\frac{1}{4}$ S. B. S.

Enter timber, bears E + W.

74.50 Top of mesa bears N 80° W + S 80° E
and descend.

80.00 Set a basaltic stone $16 \times 14 \times 10$

ins 10 ins in the ground for
Co to Deco - 2-3-10 + 11 marked
with 5 notches on S and

2 notches on E. edges, dig
pits $18 \times 18 \times 12$ ins in each the
 $5\frac{1}{2}$ ft. dist and raised a mound
of earth 2 ft. high $4\frac{1}{2}$ ft. base
along side, from which,

a cedar 4 ins diam bears
S 15° W, 56 lbs. dist. marked
S. 27. R. 30 E. S. ¹⁰ B. S.

S. 12 N. R. 30 E. S. 8 S. R. 11.

CHAINS.

a cedar 6 in diam bears $N 50^{\circ}$
E 27 lbs dit marked S. 12 N. R.
30 E. - ~~S 2~~ B. 5.

Land mountainous.

Soil 2^d rate

Timber pine & cedar.

Vegetation, Bunchgrass & Sagebrush.

East on a random line between
Section 2 and 11

to 14° East.

Descend.

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

80.19 Intersect $N 5$ S line 4 lbs north
of Cor, to Secs. 1-2-11-12 from
which Cor I run

$N 89^{\circ} 58' W.$ on a true line between
Sections 2 & 11.

St. N. R. 30 E. S. 3 S. R. 11.

CHAINS-

va 140 East.

40.09 Set a basaltic stone 14 x 11 x 7
 ins 10 ins in the ground for $\frac{1}{4}$
 Sec Cor marked $\frac{1}{4}$ on the
 face, dug pits 18 x 18 x 12 ins
 E + W of stone 5 $\frac{1}{2}$ ft. dist
 and raised a mound of earth
 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base alongside

80.19 The Cor. to Secs. 2-3-10 & 11.
 Band rolling
 Soil 2nd rate
 vegetation Bunchgrass & Sagebrush.

North on true line between
 Secs. 2 & 3.

va 140 East.

Descend,

40.00 Set a basaltic stone 16 x 8 x 9

S. 12 N. R. 30 E. 49 L. R. M.

CHAIN 2.

is 10 ins in the ground for
 $\frac{1}{4}$ Sec Cor, marked N on W face
 dug pits 18 x 18 x 12 ins N + S of
 stone $5\frac{1}{2}$ ft. dist and raised
 a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside, from
 which a Cedar 4 in diam
 bears E 52 lbs dist, marked
 $\frac{1}{4}$ D. B. S.

A Cedar 7 ins diam bears N
 56° W. 31 lbs dist marked $\frac{1}{4}$ D. B. S.

42.10 Bank of mesa bears E + W 3 descend.

120.98 Intersect the 3^d Standard Parallel
 north at a point 6.18 chs west
 of the Standard ^{$\frac{1}{4}$ Sec} Cor. to Secs 34 & 35
 S. 13 N. R. 30 E. at which point
 I set a sand stone 34 x 24 x 7
 ins 27 ins in the ground
 for closing Cor to Secs 2 & 3

S. 2 N. R. 30 E. G. 3 S. R. 7 W.

CHAINS.

marked C.C. with 2 notches
on E and 4 notches on W. edges
dug pits 18 x 18 x 12 ins S. E. &
W. of stone 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base alongside
Band Valley
Soil 3rd rate.

Vegetation Bunchgrass & Sagebrush

From the Corner to Secs. 3-4-33+34
which is a Basalt stone set firmly
in the ground, marked with 3
notches on W & 3 notches on E
edges and with pits 18 x 18 x 12
ins. ^{in each sec} five 1/2 ft. dist. and mounds
of earth 2 ft. high 4 1/2 ft. base
alongside. I run

T 12 N. R 30 E. G 3 S. R. M.

CHAINS.

North between Secs 33 & 34.

ba $13^{\circ} 55'$ East.

Descend

26.40 Cross Wash 7 lbs wide course N.W. and ascend.

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

A cedar 5 in. diam bears East 450 lbs dist marked $\frac{1}{4}$ S. B.S.

80.00 Set a post, 4 ft. long 4 in. sq with marked stout 12 in. in the ground, for Cor to Secs 27-28 & 33 & 34, marked S. 12 N

T 12 N. R 30 E. G 3 S. R. M.

CHAINS.

S 27 on N.E. R 30 E. S 34 on
S E. S 33 on S W and S 28 on
N.W. face with 1 notch on
S and 3 notches on E edges
dug pits 18 x 18 x 12 ins in each
S.E. 5 1/2 ft dist, and raised
a mound of earth 2 ft. high
4 1/2 ft. base around post,
from which -

a cedar 7 ins diam, bears
N 45 W. 42 lbs dist. marked
S 12 N. R 30 E. S 28 B. S.

a cedar 8 ins diam, bears west
19 lbs dist, marked S 12 N. R 30 E
S 33 B. S.

Band rolling
Soil 2nd ratel

English Pine & Cedar

Vegetation, Bluegrass & Sag brush

T 12 N. R 30 E G. & S. R. M.

CHAINS.

East on random line between Secs. 27-34
 Va. $140^{\circ} 5'$ East.

Described

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

48.60 A house bears South 18.94 lbs
 dist.

A canal, bears $S 2^{\circ} 30' W$ 21.68 lbs
 dist.

80.24 Intersect $N + S$ line 5 lbs north
 of cor to Secs. 26-27-34-35, from
 which Cor. Run.

$N 89^{\circ} 58' W$ on true line between
 Secs 27-34.

Va. $140^{\circ} 5'$ East.

40.12 Set a post, 3 ft. long 3 in diam.
 with marked slots 12 ins in
 the ground for $\frac{1}{4}$ Sec Cor, marked
 $\frac{1}{4}$ on N face dug pits $18 \times 18 \times 12$
 ins $E + W$ of post $5\frac{1}{2}$ ft. dist

T 12 N. R 30 E. G 3 S R M

CHAIN 2.

and raised a mound of earth
1/2 ft. high 3/2 ft. base around
post from which

A cedar 6 ins. diam, bears South

102 lbs dist. marked 1/4 S. B. S.

A cedar 8 ins diam, bears N 42° W.

37 lbs dist. marked 1/4 S. B. S.

80.24 The Cor. to sections 27-28-33-34

Band rolling

Soil 2nd rate

Timber pine & cedar

Vegetation Bunchgrass & Sagebrush.

North bet. Secs. 27 & 28

Cor. 14.9.57 E.

ascend -

89.0

Top of ridge bet N-W-T & E

ascend -

T 12 N. R 30 E. G 3 S. R. W.

CHAINS.

34.90 Cross gulch 7 lbs wide course
N.W. and ascend

40.00 Set a basaltic stone 12 x 11 x 9
ins. 8 in in the ground for $\frac{1}{4}$
Sec cor. marked $\frac{1}{4}$ on W face
dug pits 18 x 18 x 12 ins N & S of
stone 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base alongside. from which
a cedar 4 ins diam bears N 4 W. 102
lbs dist marked $\frac{1}{4}$ S. B. 5.

A pine 10 ins diam bears North
90 lbs dist. marked $\frac{1}{4}$ S. B. 5.

90.00 Set a post 4 ft. long 4 ins sq with marks stone 12 ins
in the ground for cor to Sec. 21-22-27 & marked
5.2 N. S. 2 on N. R 30 E. S. 27 on S. E. S. 2 & on S. W. S. 4
S. 21 on N. W. faces with 3 notches on S & 3 notches
on E edges. Dug pits 18 x 18 x 12 ins in each S. E.
5 $\frac{1}{2}$ ft. dist. and raised a mound of earth
2 ft high 4 $\frac{1}{2}$ ft. base around post.
S. and, undulations
Soil 2 $\frac{1}{2}$ rods.
Timber Pine & cedar
veg station, Birch, grass & Sagebrush

S. 2 N. R. 30 E. T. 3 S. R. 11.

Chains-

East on a random line
bet. Secs 22 + 27
ba 140 10' E

Descend-

- 40.00 Set a temporary $\frac{1}{4}$ Sec Cor.
- 40.55 Cross gulch 7 lks wide bet N-W
& Secs -
- 80.36 Intersect N + S line 26 lks S
of Cor to Secs 22-23-26 + 27
from which Cor I run
S 89° 50' W on a true line bet.
Secs - 22 + 27
ba 140 10' E.
- 40.18 Set a basalt stone 9 x 9 x 7
ins 6 ins in the ground for
 $\frac{1}{4}$ Sec Cor - marked $\frac{1}{4}$ S on
N face. Dig pits 18 x 18 x 12
ins E + W of stone 5 $\frac{1}{2}$ ft.
dist and raised a mound of

S. 2 Cr. R 30 E. S. 1. S. R. W.

blains

cut 1/2 ft. high 3/2 ft. base along side
 from which
 a pine 10 ins diam hrs. 7. 9 & the dist.
 marked 1/4 S. B. S.

a cedar 4 ins diam hrs 7 440 to 102
 lbs dist. marked 1/4 S. B. S.

4036 She Cor to bees 21-22-27+28.

Band rolling -

Soil 3rd rate

Timber Pine & Cedar

Vegetation, Bushy grass & Sage brush
4150 ft. 621882

North West. bees 21 + 22

to 140 10' E.

Decid -

4000

Set a basalt stone

11 x 7 x 7 ins 8 ins in the
 ground for 1/4 bee cor -

42-A

S 12 N. R 30 E. S 1 S. R. M.

Chairs

marked $\frac{1}{4}$ on the face Dug pits
 18 x 18 x 12 ins N + S of stone $5\frac{1}{2}$ ft
 dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft. base along side
 from which -

A cedar 4 ins diam. hrs - N 140 E

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

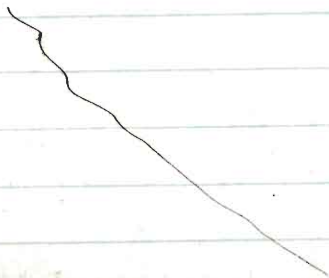
A cedar 6 ins diam hrs S 860 E 48 lbs

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

8000

Set a basalt

stone marked
 with 3 notches
 on S and 3



T 12 N. R 30 E. G 3 S. R. M.

AINS.

notches on 2 edges. dug pits 18x18
x 12 ins in each Dec 5 1/2 ft. dish
and raised a mound of earth 2
ft. high 4 1/2 ft. base alongside

Sand rolling
Soil 2nd rate

Timber Pine & Cedar.

Vegetation, Bunchgrass, Sagebrush.

East on random line between
Decs 15 & 22

to 140 East

Descent -

9.55 Cross gulch 7 lbs wide course
N 35° W and ascend.

40.00 Set temporary 1/4 Dec Cor

58.60 Top of ridge bears N. W & S. E.
and descend

T 12 N. R 30 E. G 1 S R M,

CHAINS.

79.92 Intersect $\frac{1}{4}$ S line 12 lbs. South
of Cor to Dees 14-15-22 & 23 from
which Cor. I run
S $89^{\circ}55'$ W. on true line between
Dees 15-22.

to 14° East.

39.96 Set a Basalt stone $8 \times 8 \times 8$ ins
6 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face, dug
pits $18 \times 18 \times 12$ ins E & W of
stone $5\frac{1}{2}$ ft. dist and raised
a mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. Base alongside

79.92 Elk corner to Dees 15-16-21-22
Band mountains
Soil 3^d rate

Timber. Pine & Cedar

Vegetation, Bushgrass & Sagebrush

T. & N. R. 30 E. G. & S. R. M.

CHAINS.

North between Decs 15 & 16 -

to 14° East.

Descend -

11.30 Cross gulch 7 lbs wide Course
N 35° W and ascend.

18.50 Top of ridge bears N. W. & S. E.
and descend -

40.00 Set a basaltic stone 12 x 10

x 8 ins & ins in the ground for
1/4 Dec Cor. marked 1/4 on W face
dug pits 18 x 18 x 12 ins N & S of stone
5 ft. dist and raised a
mound of earth 1 1/2 ft. high 3/4
ft. base along side from which
a cedar 8 ins diam bears W. 25 lbs
dist marked 1/4 S. B. S.

a cedar 10 ins diam bears N 6° W
13 lbs dist marked 1/4 S. B. S.

55.25 Cross gulch 7 lbs wide Course

T 12 N. R 30 E. G. S. R. M.

CHAINS.

N. W. 3 ascend -

66.50 Top of mesa bears $N 75^{\circ} W$ & $S 75^{\circ} E$
and descend -

80.00 Set a post 4 ft. long 4 ins sq -
with marked stone 16 ins in the
ground for Cor. to Decs 9-10-15-16
marked S. 12 N. S. 10 on N E. R 30 E
S. 15 on S E. S. 16 on S W and S 9
on N. W. face, with 5 notches
on S and 3 notches on E edges -
dug pits 18 x 18 x 12 ins in each
set $5\frac{1}{2}$ ft. dist and raised
a mound of earth 2 ft. high
 $4\frac{1}{2}$ ft. base around post from which
A Cedar 8 ins. diam bears $N 75^{\circ} E$ 21 lbs
dist. marked S. 12 N. R 30 E S 10 B, S.
A Cedar 6 ins. diam bears $S 44^{\circ} E$ 16
lbs dist. marked S. 12 N. R 30 E. S 15 B, S.
A Pine 4 in diam bears $S 78^{\circ} W$ 19 lbs

T. 12 N. R. 30 E. G. & S. R. M.

CHAINS.

dist. marked S. 27. R. 30 E. S. 16 B. S.

Round mountains

Soil 2-2 rate.

Timber - Pine & Cedar.

Vegetation, Bunchgrass & Sagebrush

East on random line bet. Secs 10 & 15.

ba 140 East.

Darius -

6.10 Beautiful timber bet. $\frac{1}{2}$ Sec. W. & S. 20. E40.00 bet temporary $\frac{1}{4}$ Sec. Cor.79.86 Intersect $\frac{1}{2}$ S. line 14 lbs north
of cor to Secs. 10-11-14-15 from
which Cor. I runN. 89° 54' W on a true line between
Secs 10 & 15.

ba 140 East.

39.93 bet a basalt stone 10 x 4 x 6

S. 2 N. R 30 E. - S 3 S. R. W.

CHAINS.

bins in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N. face. dug pits
18 x 18 x 12 ins E & W of stone $5\frac{1}{2}$
ft. dist. and raised a mound of earth
 $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side
79.86 The Cor. to sections 9-10-153 N.
Band rolling
Soil 2nd rath
Timber of Pine & Cedar.
Vegetation, Bunchgrass & Sagebrush

North, between sections 9 & 10.
Va 140 East.

Ascend -

40.00 - Set a post 3 ft. long, 3 ins diam -
with marked stone, 12 ins. on
the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on W face

T. 2 N. R. 30 E. S. 3 S. R. M.

CHAINS.

- dig pits $18 \times 18 \times 12$ ins N + S of post
 $5\frac{1}{2}$ ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
around post
- 55.50 beam timber bears N. W. & S. E.
- 64.00 Top of mesa bears N 78° W + 178°
E and descend.
- 80.00 Set a basaltic stone $14 \times 12 \times 10$ ins
10 ins in the ground for Cor. to Dec.
3-4-9-10 marked with 5 notches
on S and 3 notches on E edged
dig pits $18 \times 18 \times 12$ ins - in each
Dec. $5\frac{1}{2}$ ft. dist. and raised
a mound of earth 2 ft. high
 $4\frac{1}{2}$ ft. base alongside,
Sand mountainous
Soil 2nd rate
Timber - Pine & Cedar
Vegetation Bunchgrass

S. 2 N. R 30 E. 153 S. R. M.

Chairs -

East on random line between Dees 3-10

Va 140 East

Ascend

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

79.93 Intersect N & line at Cor to
Dees 2-3-10-11 from which Cor
I run - West on true
line between Dees - 3-10 -

Va 140 East.

39.96 Set a basaltic stone $18 \times 10 \times 10$
ins 12 ins in ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face
dug pits $18 \times 15 \times 12$ ins E & W of
stone $5\frac{1}{2}$ ft. dist and raised
mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side

79.93 Set Cor. to Dees 3-4-9-10 -

Band rolling

Soil 2nd rate

S 12 N R 30 E G. J. R. W.

Chains

Timber - Pine & Cedar
vegetation, Bunchgrass & Sagebrush

North between bears 3 + 4.

On 140 E.

Descend

25.10 Enter timber bears E + W.

40.00 Set a basalt stone 18 x 16 x 14
ins. 12 ins in the ground for
1/4 sec cor, marked 1/4 on W
face, dug pits 15 x 18 x 12 ins
N + S of stone 5 1/2 ft dist
and raised mound of earth
1 1/2 ft high 3 1/2 ft. base along side

76.50 Bank of mesa bet E + W + descnd

120.88 Entered the 3^d standard
parallel north at a point 609
1/4 sec
chs west of standard cor

S. 12 N. R. 30 E. G. 8 S. R. 11 W.

Obains-

to see 33, S. 15 N. R. 30 E
 at which point I set a
 land stone 32 x 26 x 7 ins. 24
 ins in the ground for closing
 Cor to Secs 3 & 4 marked
 CC with 3 notches on E and
 3 notches on W edges, dug pits
 18 x 18 x 12 ins S, E & W of stone
 5 1/2 ft. dish and raised mound
 of earth 2 ft. high 4 1/2 ft. base
 along sides
 Sand rolling
 Soil 3^d rate
 Timber Pine & Cedar
 Vegetation Bunchgrass & Sagebrush

S. 2 N. R 30 E. G. S. R. W.

Chains -

From Cor to Secs 4-5-32-33
 which is a post 4 in sq set
 firmly in the ground with marked
 down. marked S. 2 N. S 33
 on N E, R 30 E. S 4 on S, E,
 S 11 N. S 5 on S. W + S 32 on
 N. W. I run north
 between Secs 32 + 33
 Va 140 10' E -

Ascend

4000

Set a post 3 ft. long 3 in diam
 with marked steps, 12 ins
 in ground for $\frac{1}{4}$ Sec Cor, marked
 $\frac{1}{4}$ S on W face, dug pits 18 x 18
 x 12 ins N + S of post $5\frac{1}{2}$ ft
 dist. and raised mound of
 earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft base
 around post from which
 a cedar 4 ins in diam

S. 2 N. R. 30 E. S. 1 S. R. 7 W.

Chavis -

north of Cor to Secs - 27-28-33-34
from which Cor Iron -

N 89° 57' W on true line between
Secs 28-33

to 140 E.

39,90 Set a basalt stone 14 x 9 x 8 ins
10 ins in the ground 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
stone 5 $\frac{1}{2}$ ft. dist and raised
mound of earth $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base along side from which
a pine 12 ins diam bore 80° W 58 lbs dist
marked $\frac{1}{4}$ S. B. S.

A Pine 10 ins diam ^{bore} N 54° W 49
lbs dist, marked $\frac{1}{4}$ S. B. S.

79,80 The Cor to Secs 28-29-32-33 -
Band mountainous
Soil 2nd rate

S. 27. R 30 E. S 3 S. R. W.

Chavis -

Timber Pine & Cedar

Vegetation Bunchgrass & Sagebrush

I carefully examined the adjustments of my solar surfaces to-day particularly the latitude and reversing apparatus and found them correct. Oct. 7 - 1882

North Mt. Decs 28 - 29
to a 140 E.

Ascend -

6,400
40,000

Top of spine bro N. W + S E + descend
hit a post 3 ft. long 3 in diam
with marked stake 12 ins in
ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ Sec W face dug pits 18x18x
12 ins N + S of post $1\frac{1}{2}$ ft.
dist and raised mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around

S. 2 N. R. 30 E. S. 3 T. R. W.

Charris -

post, from which
 A Cedar 14 ins diam bro E 32 lbs
 dist marked $\frac{1}{4}$ S. B. 5.

A pine 18 ins diam. bro S 87° 30' W
 92 lbs dist marked $\frac{1}{4}$ S. B. 5

53,10 Cross wash 7 lbs wide course
 N. Wand ascend.

80,00 Set a sand stone 10x9x9 ins
 6 ins in the ground for Cor to
 becs- 20-21-28-29 marked with
 2 notches on S and 4 notches on
 E edge dug pits 18x18x12 ins
 in each the $5\frac{1}{2}$ ft. dist
 and raised mound of earth
 2 ft. high. $4\frac{1}{2}$ ft. base along side
 of ~~post~~ ^{post}
 A pine 9 ins diam bro N 20° E 78
 lbs dist. marked S. 2 N. R. 30 E S. 21 B. 5
 A cedar 20 ins diam bro S 51° E. 80 lbs
 dist marked S. 2 N. R. 30 E S. 28 B. 5

S. 2 N. R. 30 E. S. 3 S. R. M.

Chains -

a cedar 12 ins diam bro S 35° W
 28 lbs dist. marked S. 2 N. R. 30 E
 S 29 B 5.

Band mountains

Soil 2nd rate

Timber Pine & Cedar

Vegetation Bunchgrass & Sagebrush.

East on random line but bees 21-28
 Va 140 51 East.

Ascend

16.80 Top of ridge bro N, W, & S, E, & descend

22.10 Cross wash 8 lbs wide course
 N W & ascend

32.50 Top of ridge bro N, W, & S, E and
 descend

40.00 Det temporary 1/4 Sec Cor -

46.10 Cross wash 10 lbs wide course

S. 2 N. R 30 E. G. S. L. R. M.

Chains -

- N 48° W and around
- 68.00 Top of ridge hrs N W + S E + descent
- 79.66 Intersect N 1/2 line 5 lks S of cor
to Decs 21-22-27-28 from which
Cor. Down -
S 79° 55' W on a true line but Decs
21-28.
- Va 140 51 E.
- 39.83 Set a post 3 ft. long 3 in sq with
marked above, 12 in in ground
for 1/4 Dec Cor. marked 1/4 on N
face dug pits 18 x 18 x 12 in -
E + W of post ^{5 1/2 ft. dist.} all raised
mound of earth 1/2 ft. high 3/4
ft. base around post.
- 79.66 Blue cor to Decs - 20-21-28-29
Land mountainous
Soil \approx rate
Timber Pine + Cedar

S. 2 N. R. 30 E. S. 5 S. R. W.

Chassis -

vegetation Bunchgrass & Sagebrush

North bet. Secs 20-21

to 140 5' E.

Ascend

14.75 Top of ridge bet N. W. & S. E. & descend

16.10 Cross wash 8 lbs wide Course N. W. & ascend -

30.90 Top of ridge bet N. W. & S. E. & descend

40.00 bet a sand stone 13 x 11 x 9 ins
 in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ on the face, dug
 pits 18 x 18 x 12 ins N. & S. of
 stone $5\frac{1}{2}$ ft. dist and raised
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base along side
 of ~~pit~~ which
 a fine 8 ins diam bet S. & W. 122
 lbs dist marked $\frac{1}{4}$ S. B. S.

S. 2 N. R. 30 E. S. 3 & R. M.

Claims -

- A pine 4 ins diam, bro S 5-10-34
lbs dist. marked $\frac{1}{4}$ S. B. S.
- 42.90 Cross wash 8 lbs wide course N W
and ascend
- 64.50 Top of ridge bro N. W + S. E & descend
- 80.00 Set a post 4 ft. long 4 in sq. with
marked stone, 12 in in the ground
for Cor to Decs 16-17-20-21, marked
S. 2 N. S 16 on N E, R 30 E, S 21 on S E
S 20 on S W + S 17 on N W face
+ 3 notches on S + 4 notches on
E edges, dug pits 18 x 18 x 12
ins in each Dec $5\frac{1}{2}$ ft. dist
and raised mound of earth
2 ft. high $4\frac{1}{2}$ ft. base along side.
- ✓ A Cedar 10 ins diam bro. N 30 E
65 lbs dist. marked S. 2 N. R 30 E, S 16 B S
- A Cedar 8 ins diam bro. S 15 E, 56 lbs dist
marked S. 2 N. R 30 E, S 21 B, S.

S. 2 N. R. 20 E. S. 3 S. R. 11 W.

Blains.

Bad mountains -
Soil 2nd rate,
Timber Pine & cedar
vegetation, Bunchgrass & Sagebrush.

East on road on line bet Secs 16-21
vs 14° E.

Over rolling land

- 18.10 Cross wash 16 lbs wide Course N10°W
ascend
- 39.50 Top of ridge bet. N W & S. E & descend
- 40.00 Set temporary 1/4 Sec Cor.
- 64.00 Foot of mesa bet N W & S E & ascend
- 78.50 Top of mesa bet N 25° W & S 25° E &
descend
- 79.87 Intersect N & S. line 25 lbs
south of Cor to Secs 15-16-21-22
from which corner Iron

S. 27. R. 30 E. G. 3 R. 7 W.

Chains -

A 89° 49' W on a true line bet
Secs 16-21

ba 14° E.

39.93 Set a granite stone 11x11x8 ins
8 ins in the ground for 1/4 sec.
Cor. marked 1/4 on N face
dug pits 18x18x12 ins E & W
of stone 5 1/2 ft. dia and raised
a mound of earth 1 1/2 ft. high
3/2 ft. base alongside -

79.87 See Cor to Secs 16-17-20-21

Band monotonous

Soil 2nd rate

Timber Pine & Cedar

vegetation Bunchgrass
and sagebrush

S. 2 N. R. 30 E. S. 8 S. R. M.

Chains -

North bet. Dees 16 & 17
to 140 East.

Descend -

40.00 Set a sand stone $12 \times 9 \times 5$ ins
& ins in the ground for $\frac{1}{4}$ sec
Cor. marked $\frac{1}{4}$ on W face, dug
pits $18 \times 18 \times 12$ ins N + S of stone
 $5 \frac{1}{2}$ ft. dist and raised mounds
of earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base
longside, from which
a cedar pins chain bears S, W.
5 lbs dist marked $\frac{1}{4}$ S. B. S.

A Cedar 18 ins diam bro. N 16° W
9 lbs. dist - marked $\frac{1}{4}$ S. B. S.

73.25 Cross work 15 lbs wide. Course
N 15° W and ascend

80.00 Set a sand stone $24 \times 6 \times 6$ ins
18 ins in the ground for Cor to
Dees 8-9-16-17 marked

S 12 N. R 30 E. S 1 S. R W.

Chassis -

with 4 notches on S and
 4 notches on E edges, dug
 pits 18 x 18 x 12 ins in each
 sec. 5 1/2 ft. dist. and raised
 as mound of earth 2 ft high
 4 1/2 ft. base along side -
 Sand mountainous
 Soil 2d rate

Timber Pine, Cedar
 vegetation, Bunchgrass &
 Sagebrush.

Each on random line bet. sec.
 9 & 16.

to 140 5' East.

ascend.

12.00 Top of ridge, bears N. W. S. E.
 and descent -

S. 12 N. R. 30 E. S. 3 S. R. 11 W.

Chassis

- #7.10 Cross gulch 7 lks wide Course N. W. ^{2nd} ~~W. 7~~
 40.00 Hit temporary $\frac{1}{4}$ Sec Cor.
 43.50 Bank of mesa hrs. N 35° W & S 35° E
 62.70 Top of mesa hrs. N. W. S. E. + descend
 80.16 Intersect N & S line 10 lks south
 of Cor to Secs - 9-10-15-16 from
 which Cor I run
 S 89° 54' W on a true line bet.
 Secs 9-16.
 Va 14° 51' E.
 40.08 Hit a basaltic stone 13 x 9 x 7
 ins 8 ins in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ Sec
 N. face & raised a mound of
 stone alongside
 Pit impracticable.
 89.16 The Cor. to Secs 8-9-16-17
 Sand mountainous
 Soil 3^d rate

S. 2 N. R. 30 E. S. 3 S. R. 7 W.

Chains -

Timber, Pine & Cedar
 Vegetation Bunchgrass & Sagebrush

North bet. Decs 8 + 9
 Va 140 S. E.

Ascend -

- 10,50 Top of ridge bears N. W. & S. E. & descend
- 24,00 Cross gulch 7 lbs wide course N. W. & S. E. & ascend
- 27,75 Foot of mesa bet N. W. & S. E.
- 40,00 Set a sand stone 16 x 12 x 10 ins 10 ins in the ground for 1/4 sec cor. marked X 4 S on W face dug pits 18 x 18 x 12 ins N. W. & S. E. of stone 5 1/2 ft. dist and raised mound of earth 1 1/2 ft high 5 1/2 ft base

S. 2 N. R 30 E. S. 1 S. R. 7 M.

Chains -

alongside

56.10 Top of Mes - hrs N 70° W + S 70° E + descend.

80.00 Set a post 4 ft. long 4 in. sq. with marked stone, 12 in. in the ground for cor to Secs. 4-5-8-9 marked S. 2 N. S. 4 on N. E. R. 30 E. S. 9 on S. E. S. 8 on S. W + S. 5 on N. W. faces, with 5 notches on S + 4 notches on E edges. Dry 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

A Cedar 5 in. diam bears N 11° E - 113 lbs dist marked S. 2 N. R. 30 E. S. 4 B. 5

A Cedar 4 in. diam hrs S 35° E 126 lbs dist marked S. 2 N. R. 30 E. S. 9 B. 5.

76.

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S. 27. R 30 E. L. 3 S. R. W.

Chains -

A pine 12 in diam hrs S 46 W. 121
the disk marked S. 27. R 30 E. L. 3 S.

Band mountains

Soil 2nd rate

Timber Pine & Cedar

Vegetation, Bunchgrass & Sagebrush.

East on random line bet. Secs 4 & 9
to 140 10' East

Descend.

11.14. Beaver timber hrs N. W. & S. E.

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

79.90 Intersect N & S line at Cor
to Secs 3-4-9-10. from which
Cor. I run.

W. on a true line bet. Secs 4 & 9
to 140 10' E.

39.95 Set a basaltic stone 14x11x5

S. 2 N. R 30 E, S S S. R. W.

Chains -

ins 10 ins in the ground for $\frac{1}{4}$ sec
 Cor. marked $\frac{1}{4}$ in N face, dug
 pits 18 x 18 x 12 ins E + W of
 stone $5\frac{1}{2}$ ft. dist and
 raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side

79.90

The cold sections 4-5-8-9.

Band rolling

Soil 2nd rated

Timber of Pine & Cedar.

Vegetation of Bluegrass & Sagebrush.

North on true line bet. Secs 425

to 140 10' E.

Descend

26.10 Leave timber bro N + S.

40.00 Set a sand stone 14 x 11 x 5 ins

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

S. 12 N. R. 30 E. S. 3 S. R. 11

Chains -

See Cor, marked $\frac{1}{4}$ on W face, dug pits, $18 \times 15 \times 12$ ins N + S of stone $5\frac{1}{2}$ ft. dist and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side

81.00

Bank of these bears E + W.

120.50

Intersect 3^d Standard Parallel north at a point 6.20 chs - W of Standard $\frac{1}{4}$ ^{See} Cor to Sec. 32

S. 15 N R 30 E at which point I set a sand stone $20 \times 14 \times 8$ ins 15 ins in the ground for closing Cor. to Secs 4 + 5 marked C. C. with 4 notches on E + 2 notches on W edges dug pits $18 \times 15 \times 12$ ins S. E + W of stone $5\frac{1}{2}$ ft. dist and raised a mound of earth 3 ft.

S. 24. R 30 E. S 3 S. R. W.

Charris-

high $4\frac{1}{2}$ ft. base alongside.
 Band mountainous
 Soil 3rd rate
 Timber, Pine & Cedar
 vegetation, Bluegrass & Sagebrush

From the Cor. to Secs 5-6-31 & 32.
 which is a sandstone set firmly
 in the ground marked with
 1 notches on W & 5 notches on
 E edges and mound of stone
 alongside. Drive north
 between Secs 31 & 32.

On $14^{\circ} 10'$ East.

Ascend.

2.00 Top of ridge bears $N 80^{\circ} E$ & $S 80^{\circ} W$.
 and descend

40.00 Set a boulder stone 10×10

S. 27. R. 30 E. T. 8 S. R. 7 M.

Chairs -

- 45.03 x 8 ins 6 ins in the ground for
 1/4 bee cor marked N & S on the
 face, dug pits 18 x 18 x 12 ins
 N & S of center 5 1/2 ft. dist &
 raised mound of earth 1 1/2
 ft. high 3 1/2 ft. base alongside
 Cross Wash 5 lbs wide coffee
 West and ascend.
- 40.00 hit a band stone 10 x 9 x 8 in
 6 ins in the ground for cor
 to bees 29-30-31 & 32 marked
 with 1 notch on S & notches
 on E edges, dug pits 18 x 18 x
 12 ins in each bee 5 1/2 ft.
 dist and raised mound of
 earth 2 ft. high 4 1/2 ft.
 base alongside
 Band mountains
 Soil 3^d rate

S. 2 N. R 30 E. S. 5 D. R. M.

Chains -

Timber Pine & Cedar
 Vegetation, Bunchgrass & Sagebrush
 Oct. 9 - 1882

East on random line bet
 Secs 29 & 32 -
 Va 140 5' E.

Around

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

40.00 Intersect N + S line 17 lbs N. of
 Cor to Secs 28 - 29 - 32 - 33 from
 which Cor Run -

N 89° 55' W on a true line bet
 Secs - 29 - 32

Va 140 5' E.

40.00 Set a sand stone 16 x 14 x 10
 ins. 10 ins in the ground for
 $\frac{1}{4}$ Sec Cor, marked $\frac{1}{4}$ Sec

S. 2 N. R 30 E. S 8 S. R. M.

Chavis -

on N. face and raised a
mound of stone alongside
Pits unfracturable
80.00 The Cor to Dees 29-30-31-32
Sand rolling
Soil 3^d rate
Timber, Pine & Cedar
Vegetation Bushgrass & Sagebrush

West on random line bet,
Dees 30 & 31.

to 140, 15' E.

Descend

40.00 Set temporary 1/4 sec Cor -

78.21 Intersect W. boundary of Sp-
21 lbs north of Cor to Dees -
25-30-31-36 - which is a
post 4 in sq. in mound of

S. 2 N. R 20 E. S 1 S. R. W.

Chairs -

earth - with marked stones -
marked S. 2 N. S 30 on N E. R 29
E. S 31 on S E. R 28 E. S 36 on S W
S 25 on N W face -

1 notch on S & 5 notches on N
edges - and pits 5 1/2 ft - dia
in each Sec. 18 x 18 x 12 ins -
from which Cor. - I run
N 89° 51' E on a true line bet -
Secs 3 & 31

va 140 15' E -

38, 21 dit a post 3 ft. long 3 in dia
with marked stone, 12 ins in
ground for 1/4 Sec Cor. marked
1/4 S on N face, dug pits 18 x 18
x 12 ins E & W of post 5 1/2 ft
dia and raised mound of
earth 1 1/2 ft high 3 1/2 ft blue
around base - from

S. 2 N. R 30 E. S. 8 S. R. W.

Chains -

A pine 6 ins diam hrs S 30° E 4.3
lks dist marked $\frac{1}{4}$ S. B. S.

A pine 6 in diam hrs N 60° W
2.1 lks dist. marked $\frac{1}{4}$ S. B. S.

78, 21 The Cor to Dees 29-30-31-32

Band rolling

Soil 3rd ralf

Timber. Pine & Cedar

Vegetation, Bunchgrass & Sagebrush

North bit. Dees 29 & 30.

ba 140 5° E.

ascend

18,50 Top of ridge hrs N 40° W S 40° E &
descend

40,00 Set a boulder stone 12 x 10 x
8 ins 10 ins in ground for $\frac{1}{4}$
See Cor. marked $\frac{1}{4}$ S. B. S.

S. 2 N. R. 30 E. S. 8 S. T. M. R

Chassis

W face, dug pits 18 x 18 x 12 ins
 N & S of slope 5 1/2 ft. dist
 and raised mounds of earth
 1 1/2 ft. high 3 1/2 ft. base
 along side

56.60 Cross wash 3 lbs ^{side} W course
 N 30° W & ascend

80.00 Set lava stone 14 x 8 x 7
 ins. 10 ins in ground for
 Cor to bees 19-20-29-30 -
 marked with 2 notches on
 S & 5 notches on E edges
 dug pits 18 x 18 x 12 ins if
 each bee 5 1/2 ft. dist and
 raised mounds of earth
 2 ft. high 4 1/2 ft. base
 along side
 Band mountains
 Soil 2 rate -

5.27. Res E. by S.R. W.

Chains -

Timber - Pine & Cedar
vegetation, Bunchgrass and
Sagebrush

East on random line bet Dees
20-29

va 140 10' E -

Acres

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

80.13 Intersect N & S line 14 lbs

N. of Cor to Dees 20-21-28-29

from which Cor I run

N 89° 54' W on a true line

bet. Dees 20-29

va 14° 10' E.

40.06 Set a lava stone 16 x 14 x 13 ins

10 ins in ground for $\frac{1}{4}$ Sec Cor

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

S. 2 N. R 30 E. S 3 S. R. W.

Charris

and raised a mound of stone
along side. Pits unfracturable
front which -

A cedar 6 in diam hrs N 18° E
27 lbs dist. marked 1/4 S. B. S.

A cedar 12 in diam hrs S 42° W
81 lbs dist. marked 1/4 S. B. S.

80, 13 The Cor. to Secs - 19 - 20 - 29 - 30.

Band rolling
Soil 3^d rate

Timber, Pine & Cedar
vegetation Bunchgrass & Sagebrush

Went on random line bet. Secs
19 + 30

On 140° E,

Descent

36, 73 Cross Wash. 3 lbs wiper

S. 2 N. R 30 E. S 3 S. R. M.

Charris -

Course N. and ascend
 40.00 Set temporary $\frac{1}{4}$ Sec Cor,
 78.15 Intersect W boundary of Sp:
 15 lbs of Cor to Secs 19-24-25-30
 which is a sandstone set firmly
 in the ground with 2 notches
 on S S & notches on N edges -
 & pits 18 x 18 x 12 ins in each
 Sec $5\frac{1}{2}$ ft. dist with mounds
 of earth 2 ft. high $4\frac{1}{2}$ ft.
 base along side - from which
 Cor. Run -

S $89^{\circ} 54'$ E on a true line bet.
 Secs 19 & 30.

b = 140 E.

38.15 Set a post. 3 ft. long 3 ins
 sq. with marked stone. 12
 ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ S on N

S. 27. R 30 E. S 1 S. R. W.

Chairs-

face, dug pits 18 x 18 x 12 ins E+W
of post 1/2 ft. dist and raised
a mound of earth 1 1/2 ft. high
3 1/2 ft. base around post,
from which
a pine 5 ins diam bro S W 9 2 lbs
dist. marked 1/4 S. B. S.

a cedar 12 ins diam bro N. 17
lbs dist marked 1/4 S. B. S.

7.8.15 The Cor. to Secs 19-20-29-30

Hand rolling
Soil 3^d rate

Timber Pine & Cedar

Vegetation Bunchgrass & Sagebrush

North bit. Secs 19-20-

to 140 10' E,

ascend

7.6.5 Top of ridge bro N 70° W & S 70° E

S. 24. R 30 E. S 8 S. R. M.

Chains -

- and descend
- 40.00 Set a post. 3 ft. long 3 ins sq
with marked about ^{12 ins in the ground} for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ S on W face
dig pits 18 x 18 x 12 ins N & S
of post 5 $\frac{1}{2}$ ft. dia and raised
mound of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base around post
from which
A Cedar 8 in diam bears N 36° W
11 lbs dist. marked $\frac{1}{4}$ S. B. S.
A Cedar 10 ins diam bears S 74° W. 19
lbs dist. marked $\frac{1}{4}$ S. B. S.
- 66.20 Cross wash 15 lbs wide. Course
W. and ascend
- 70.00 Top of spur bears E & W & descend
- 74.33 Cross wash 8 lbs wide. course
W. and ascend
- 80.00 Set a sand stone 12 x 10 x 8
ins. 8 ins in the ground

S 12 N. R 30 E. S 3 S. R. M.

Chains -

for Cor to Secs 17-18-19-20
 marked with 3 notches on
 S & 5 notches on E edges &
 raised a mound of stone
 alongside. Pits unpracticable
 Band mountains.

Soil 3rd rate

Timber Pine & Cedar

vegetation. Bunchgrass & Sagebrush

Easton random line between Secs
 17 & 20 -

to 14° E

Ascend

40.00 dit temporary 1/4 Sec Cor.

80.20 Intersect N & S line 27 lbs

N. of Cor to Secs - 16-17-20-21

from which Cor. D run

S. 2 N. R 30 E. S 3 S. R. W.

Chassis -

N 89° 48' W on true true belt,
Decs 17-20.

Va 14° E -

40,10 Del a sand stone 18x17x15
ins 12 ins in ground for 1/4
Sec cor marked 1/4 S
on N face and raised a
mound of stone along side
Pits unfracturable.

80,20 The Cor. to Decs. 17-18-19-20.

Band rolling

Soil 3rd rate

Timber - Pine & Cedar

Vegetation, Bunchgrass & Sagebrush

West on random true belt. Decs
18-19

Va 14° 5' E.

S. 2 N. R. 20 E. S. 5 S. R. W.

Chains -

Descent

14.70 Cross walk 15 lbs wide course
N - and ascend -

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

77.86 Intersect W. boundary of Sp-
26 lbs South of Cor to Posts-
13-18-19-24 which is a sand
stone set firmly in the ground
marked with 2 notches on S
and 4 notches on N edges
and pits 18 x 18 x 12 ins $5\frac{1}{2}$
ft. dist. in each sec & mounds
of earth 2 ft. high $4\frac{1}{2}$ ft. base
along side, from which
Cor I run

S $89^{\circ} 41'$ E on a true line
bet. Secs 18-19

to a $14^{\circ} 15'$ East

37.86 dit a post 3 ft. long 3 in sq

S. 2 N. R 30 E S 3 S. R. M.

Chavis -

with marked stone, 12 in in
ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S on the face. dug pits 18x18
+ 12 in 5 $\frac{1}{2}$ ft. dirt E + W
of post and raised mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft.
base around post.

77.86 The Cor to Secs. 17-18-19-20

Band rolling
Soil 3rd rate

Timber Pine + border

Vegetation Bunchgrass + Sagebrush

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

Oct. 10 - 1882.

S. 2 N. R. 30 E. S. 3 S. R. 11 E.

Charris.

North between Secs - 17 & 18.
to 14° E.

Ascend

- 18.00 Top of ridge hrs. E & W & descend
- 21.10 Cross wash 9 lbs wide, Course N 80° W
and ascend
- 40.00 Hit a sand stone 16 x 14 x 10 ins
10 ins in the ground for 1/4 Sec
Cor. marked 1/4 S on W face
and raised a mound of stone along
side. Pit's infractible
- 69.56 Top of ridge hrs. N 70° W & S 70° E
and descend.
- 78.17 Cross wash 6 lbs wide Course
N 25° W and ascend.
- 80.00 Hit a sand stone 16 x 15 x 8 ins
10 ins in the ground for Cor.
to Secs 7 - 8 & 17 & 18 marked
with 4 notches on S & 5 notches

S. 27. R 30 E. 53 S. R. W.

Chairs

V

on E edges - and raised a mound of ~~slates~~ ^{from well} alongside -
 A pine 10 ins diam. hrs. N 62 1/2° E. 71 lbs
 dist. marked S. 27. R 30 E. 53 B. 5.

A pine 7 ins diam. hrs. S 10° E 18 lbs
 dist. marked S. 27. R 30 E. 53 B. 5.

A cedar 10 ins diam. hrs. S 27 1/2 W.
 53 lbs dist. marked S. 27. R 30 E 53 B. 5.

A cedar 10 ins diam. hrs. N 56° W. 21
 lbs dist. marked S. 27. R 30 E. B. 5. 57.

Band mountains
 Soil 3^d rate

Timber, Pine & Cedar
 Vegetation Bunchgrass & Sagebrush

East on random line bet. Secs.

8-17

to 14000' E.

S. 2 N. R. 30 E. S. 3 S. R. M.

Chains

Ascend

40.00 Set temporary $\frac{1}{4}$ Sec Cor
 79.77 Intersect N & S line 4 lbs south
 of cor to Secs 8-9-16-17 from which
 Cor S run.
 S 89° 58' W on a true line bet,
 Secs 8 & 17
 to 14010' E.

39.88 Set a sand stone 16 x 15 x 15 ins
 10 ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ S on N face
 and raised a mound of stone
 alongside. Pit impracticable
 from which
 A pine 6 ins diam bet S 86° E 72
 lbs dist. marked $\frac{1}{4}$ S. B. S.
 A pine 8 ins. diam bet N 50° W 16 lbs
 dist. marked $\frac{1}{4}$ S. B. S.

79.77 The Corner to Secs 7-8-17-18

S. 27. R 30 E. S 3 S. R. M.

Chassis-

Band mountains
 Soil 3^d rate
 Timber - Pine & Cedar.
 Vegetation, Bluegrass & Sagebrush.

Went on random line bet. Decs.
 7-18.

to 140 10' E.

Descend

- .75 Cross wash 6 lbs wide course
 N 20° W & ascend
- 24.00 S of of ridge bet. N 18° descend
- 40.00 Set temporary $\frac{1}{4}$ Sec Cor.
- 78.25 Intersect W. boundary of
 Sp. 3 1/2 lbs south of Cor to
 Decs. 7-12-15-18. which is a
 Lava stone set firmly in
 the ground marked with

S. 2 N. R. 30 E. S. 1 S. R. 11

Chairs -

4 notches on S + 2 notches on N
edges with pits 18 x 18 x 12 ins
5 1/2 ft. dist. in each Sec. and
mounds of earth 2 ft. high 4 1/2
ft. base along side, from
which Cor I run.

S 89° 45' E on a true line bet.
Secs - 7 - 18

to 140° 10' E.

38,25 - dit a lava stone 10 x 10 x 8 ins
6 ins in the ground for 1/4 Sec
Cor marked 1/4 S on the face
+ raised a mound of stone alongside
Pits impracticable.

78,25 - The Cor. to Secs 7-8-17-18.

Land mountainous

Soil 3^d rate

Timber Pine + Cedar

Vegetation Bunchgrass + Sagebrush

S. 2 N. R 20 E. S 8 S. R. M.

Chains -

North bet. Secs 7 + 8
by 140° 10' E.

ascend.

7.00 Top of mesa bet. N. W. & S. E. & descend -

20.00 Cross wash 25 lbs wide Course
S 40° W & ascend40.00 Set lava stone 12 x 10 x 8 ins
8 ins in the ground for 1/4 Sec
Cor. marked 1/4 S on W face
excavated a mound of stone
along side. Pits impracticable

65.00 Top of mesa bet. E & W descend

80.00 Set a lava stone 12 x 10 x 9 ins
8 ins in the ground for Cor. to
Secs. 5-6-7 & 8 marked with
5 notches on S & 5 notches
on E edges - dug pits 15 x 18
x 12 ins in each Sec 5 1/2 ft.

S. 27. R 30 E. S 3 S. R. M.

Charris -

dist and raised a mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base
along side

Bank mountains

Soil 3^d rate

Timber pine & Cedar

Vegetation, Bushy grass & dogbrush.

East on random line bet. Sec 5 + 8

to 140 E.

Ascend -

31.00 Top of ridge bet U + S + descend

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

80.11 Intersect U + S line 10 lbs S of
Cor to Sec 4-5-8-9 from which
Cor 9 run.

S 89° 56' W on a true line bet
Sec 5 + 8 -

S. 2 N. R. 30 E. S. 5 S. R. 11.

Chains-

to 14° E.

40.05 hit a lava stone 14x10x10
 is 10 ins in ground for 1/4
 see cor. marked 1/4 see on
 N face & raised mound of
 stone alongside, Pits
 impracticable.

40.11 The cor to bees 5-6-7-8.

Band mountains

Soil 3rd rate

Vegetation Bunchgrass & Sagebrush.

Went on random line bet.
 bees 6 & 7.

to 14° 10' E.

Descent

27.16 cross gulch 10 lbs wide
 corner N. E & ascend

S. 2 N. R 30 E. S 3 S. R. M.

Chairs -

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 77.96 Intersect W. boundary of $\frac{1}{4}$ Sec.
 46 Sks. S. of Cor to Secs 16-7+12
 which is a sand stone set
 firmly in the ground, marked
 with 6 notches on S and 1 notch
 on N edges and pits 18x18x12
 ins $5\frac{1}{2}$ ft. dist in each Sec
 and mounds of earth 2 ft.
 high $4\frac{1}{2}$ ft. base along side
 from which Cor. S then
 S 89° 40' E on a true line bet.
 Secs 6 + 7.

to 140 10' E.

37.96 Set a lava stone 16x14x10
 ins 10 ins in the ground for
 $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ S on
 N face, dug pits E + W of
 stone $5\frac{1}{2}$ ft. dist. 18x18x12

S. 2 N. R 30 E. S 3 S. R. M.

Chairs -

77.96
 nis. with mounds of earth
 1 1/2 ft. high 3 1/2 ft. base along side
 The car had been 5-6-7-8
 Band rolling
 Soil 3rd rate
 Vegetation, Bunchgrass & Sagebrush.

North on line line bet. bees 5 & 6.
 Va 140 E.

Descend

40.00
 V
 Set a lava stone 14 x 10 x 12
 nis 10 nis in the ground
 for 1/4 sec car marked 1/4 S
 on S. face dug pits 18 x 18 x
 12 nis N + S of stone 5 1/2 ft.
 dist and raised a mound
 of earth 1 1/2 ft. high 3 1/2
 ft. base along side

S. 2 N. R. 30 E. S. 3 S. R. 11.

Uranis -

74.00 Bank of mesa hrs E + W + descend
 98.50 Foot of mesa hrs N 70° W + S 70° E.
 119.92 Entered the 3^d stand and
 paralleled north at a point
 6.59 chs west of standard 1/4
 ✓ Cor to Sec 31. S. 2 N. R. 30 E.
 at which point I set a
 Basaltic stone 12 x 10 x 8 ins, 8
 ins in the ground for closing
 Cor to Sec 5 & 6 marked
 C. C. with 5 notches on E &
 1 notch on W. edges. dug pits
 18 x 18 x 12 ins S. E + W of stone
 5 1/2 ft. dia and raised a
 mound of earth 2 ft. high 4 1/2
 ft. base along side -
 Sand mountains
 Soil 3^d rate
 Vegetation Bunchgrass & sagebrush

D. J. 11 - 1872

General Description.

The land in this township is mountainous and rolling.

It is covered with timber of pine & cedar and vegetation of bunchgrass and sagebrush.

The soil is 2nd & 3^d rate

A large portion of the township is valuable for agricultural purposes and is well adapted to grazing, being covered with an abundant growth of rich & nutritious grass.

There are several settlers in the township among them, Aurora Boca called has

about 50 acres under
cultivation in Section 34
with a valuation of
upwards of \$1,000. The series
stock, hay, grain and
potatoes.

U. S. Surveyor General's Office,
Tucson, Arizona, Dec. 20, 1882

The foregoing Field Notes of the survey of
Subdivision Lines
of Township 12 North.
Range 30 East.

of the Gila and Salt River Base and Meridian, Arizona,
executed by Milton Santee,
D. S., under his contract of the 29th day of
April, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robbins
Surveyor General.