

BOOK 1314

1314

1314

F I E L D N O T E S

OF THE SURVEY OF

THE EXTERIOR LINES OF

T. 12 N., Rs. 20 and 22 E.,
T. 13 N. Rs. 19 and 20 E.,
T. 14 N., Rs. 19 and 20 E.,
T. 15 N. R. 20 E., T. 16 N.,
R. 19 E., T. 17 N., R. 17 E.,
and retracing of S. B. T. 18
N., R. 17 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By M. N. Grant, D. S. under
Contract dated Aug. 7th, 1882.
Survey commenced Feb. 20, 1883.
Survey completed June 27, 1883.

BOOK 1314

5117, R. 17E

31 32 33 34 35 36
 133 131 130 127 126 125
 117 6 5 4 3 2 1 108

1187 12109

11918 5127, R. 17E 13111

12019 24112

12130 25113

12231 36115

Book No 1314

5117, R. 17E 5187, R. 20E

5127, R. 19E 5177, R. 20E

1056 1411

1047 12907

10318 5167, R. 19E 138918 5167, R. 20E

10219 248818

10130 258730

10031 32 33 34 35 36 37 31 32 33 34 35 36
 99 97 96 95 94 93 63 62 61 60 59 57
 6 5 4 3 2 1 556 5 4 3 2 1

5117, R. 22E

BOOK 1314

BOOK 1814

5147, R. 17E

5157, R. 19E 135318 5157, R. 20E

245219

257130

31 32 33 34 35 36 37 31 32 33 34 35 36
 84 83 82 81 80 79 49 48 47 46 45 43
 77 6 5 4 3 2 1 426 5 4 3 2 1

767 12417

7578 5147, R. 19E 234018 5147, R. 20E

7479 243919

7330 253930

5147, R. 22E

5147, R. 17E

5147, R. 17E 5157, R. 19E 102418 5157, R. 20E

242319

252230

362131

5147, R. 22E

BOOK 1814

5127, R. 17E

5127, R. 19E 5127, R. 20E

5127, R. 22E

BOOK 1314

17
 126
 135
 243
 258
 361
 10

31 32 33 34 35 36
 20 19 17 16 13

No. 1314

Retracement. 1
BOOK 1314

1A

E Road Sp 12 N. R 22 E
to G W S R M

From the cor to Sp's-11 ^{July 12}
N. R's 22 ^{July 23} E. which is
a sandstone 18+10+5 ins 12 ins
in the ground. properly,
notched with pits dug N.S.
E and W. of same ft dist and
mound of earth raised alongside.
Dum

North to cor ^{July 36}
N 12° E

Across gradually.

4000

Set a Basalt stone 16 x 9 x 7 ins. 10 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. on N
face, dug pits 18 x 18 x 12 ins. N and S
of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth
1 $\frac{1}{2}$ ft. high, 8 $\frac{1}{2}$ ft. base, alongside.

8000

Set a Basalt stone 20 x 11 x 6 ins. 15 ins. in
the ground for Cor. to Secs 25-30-31 ^{July 36} marked
with 1 pit on S and 5 notches on N edge.
Dug pits 18 x 12 ins. by each Sec., 5 $\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
1 $\frac{1}{2}$ ft. base, alongside.

E. Roy T. 12 N. R 22 E
S. 4th S. R. M

Obs

Land Rolling
Soil - 2nd rate, good grazing
Timber Scattering Juniper
Pines and Pine.

North set sec's 25th of 30
at 13:00 E

Asced gradually
30.00 Top of ridge 380 ft high near
E^{4th} W. and descended.
40.00 Set a limestone 20+12+9 in
15 in; on the ground for 1/4 sec
cor marked 1/4 on N face and
raised a mound of stone along road.
Pds impracticable

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor. to Secs.
19.24.25th of 30 marked T. 12 N S. 19 on
N. E. R 23 E S. 30 on S. E, R 22 E S 25 on
S. W, and S. 24 on N. W face, with 2 notch

E B Bm D^h 12 N. R 27 E
 C^W S. R. M

is on S, and 4 notches on N edges, dug
 pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,
 and raised a mound of earth 2 ft. high, 4½ ft.
 base, around post.

Land? rolling

Soil, 2nd rate.

Timber Some Juniper Bush

North lot sees 19^W 2 4

to 13° 13' E

Descend.

200 Cross Draw 14 lks river Co
 N 34° N. and ascend.

300 Top of spur 60 ft high base E
 W. and descend

32.25 Cross wash 13 lks river Co
 N and ascend.

4000 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for ½ Sec. Cor.
 marked ½ S. on W face, dug pits 18 x 18 x 12

E. B. J. 12 N. R 22, E
 G. Aug. S. R. M.

Cks

ins N and S of post 5 1/2 ft. dist. and raised
 a mound of earth 1 1/2 ft. high. 3 1/2 ft. base around
 post.

No. 00

Set a Sandstone 30 + 20 + 4 feet
 22 ins in the ground for the
 core to sec 13, 18, 19 Aug 24,

marked with 3 notches on
 N and S Edges and raised

a mound of stone alongside

It's impracticable. From which

A Juniper 10 ins diam bears

S 72° N. 27 lbs dist. Marked

T. 12 N. R 22 E. S 24 B. T.

A Juniper 10 ins diam bears

S 22° E 11 lbs dist. Marked

T. 12 N. R 23 E. S 19 B. T.

Sand? Rolling

Soil, 3rd rate

Timber. Scattered Juniper

E. Bay T. 12 N R 22 S
 G and S R 2 W

Obs.	North lot sec 13 ^{and 18} In 13 th E.
	Ascend.
30.00	Top of spur. 88 ft high bears E ^{and} W. and descend.
26.00	Cross wash 15' lbs rise to S. W. ^{and} ascend.
40.00	Set a post 3 ft. long 3 ins. diam. with mark stone, 12 ins, in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S. on W face, dug pits 18 x 18 x 12 ins. N and S of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around post.
80.00	Set Sandstone. 48+12+10 in 36 in in the ground for the cor & sees 9. 12. 13 ^{and} 18 marked with 4 notches on S and. 2 notches on W edges, and raised a mound of stone along side Pl. impracticable. from which A Sandstone 18+12+4 ft. bears

E. B. 21 T. 2 N. R. 22 E
Chs. G. S. R. M.

S. 50' N. 28 lbs dist
Sand. Very rough and rocky
Soil. 3rd rate.
Timber Scattering Juniper

North lot sec 7 ^{and} 12.
W 13° 15' E

Descent.

40.00 Set a sand stone 24 x 10 x 6 ins. 18 ins.
in the ground for $\frac{1}{2}$ Sec. Cor. marked $\frac{1}{2}$ on W
face, dug pits 18 x 18 x 12 ins. W and 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. alongside. from which

A Pinon 9. ins. cone bears S 72° W
14 lbs dist. Marked "4 S. B. T."

70.15 Cross mark 21 lbs. mbr. to
N 20° E and ascend.

80.00 Set a sandstone 19 x 12 x 6 ins
12 ins in the ground for the

E B T. 12 N. R 22 E
 Cps 1^{and} S. R. M.

Cor to sees 1, 6, 7^{and} 12, marked
 with 5 notches on S and 1
 notch on N. edges and
 raised a mound of stone
 along side. It is impracticable
 to find. very rough ^{and} rocky
 soil; 3rd rate.
 Strike Scattered juniper

North Pit sees: 1^{and} 6.
 Pa 13° E

Ascend.

- 15.00 Top of Spur bears N. 19° E and
 descend.
- 39.12 Cross wash 15th mile to
 N 70° E and ascend.
- 46.00 Set a Sandstone 18 + 12 + 4 ins
 12 ins in the ground for 1st
 see cor marked 14 on N face

E. Biny T¹² N. R 2 2 EG⁴ S. R. M

From which.

A Juniper 10 ins diam bears
N 76° E. 18 lbs dist. Marked
14 S. B. T.A Pinon 8 ins diam bears
S 19° N. 68 lbs dist
Marked 14 S B T.35:46 Intersect 3rd Standard Parallel
71.1.26 Ch's East of the Standard
Cor to Tps 13. N. R 22⁴ 23 E
which isWhich is a Sandstone. properly
notched with a mound of stone
raised on east side. thereof, with
2 Cedars as witness trees.
Set a Sandstone 17+10+4 ins
12 ins in the ground for the
closing Cor to Tps 12 71
R 22⁴ 23 E. Marked
C. B. with 6 notches on S

E. B. L., T. 12 N R 22 E
 G. W. S. R. M.

E. & W. sides, and raised
 as mound of stone
 alongside. It's impracticable
 to go very rough ^{and} rolling
 Soil, 3rd rate
 Timber Scattered Juniper

Oct. 20th 1883

S. B. T 12 N. R 22 E
 G⁴ S. R. M

From the cor to Tp 11 ⁴12
 N. R 21 ⁴22 E. which is
 a Post 4 in square set firmly in
 mound of stone and marked a few
 old instructions, with 4 ^{marked trees} ~~marked~~ ^{properly marked}

Run

West on a true line

to 13° 30' E

Ascend.

3.07
 20.19

cross road. bears N 70° N 75° E
 Foot of hill bears N. N. and S. E
 and ascend abruptly.

48.65

Intersect E line Tp 12 N. R
 21 E. 6.05 chs S of 1/4 sec cor
 on E B¹ sec 26. which is
 a Post 3 in square set firmly in
 the ground and properly marked
 as per old instructions.

From which a cedar 21 in diam
 bears S. 15° chs dist.

S. B. T. 12 N. R. 22 E
 G^m S. R. M.

Set a Basalt. Stone 16+8+3 in
 10 in in the ground for the
 Closing cor to T^m 11^m 12
 N. R 22; E. marked. 6. 6.
 with 6 notches N. E^m and S^m edges
 and raised a mound of stone
 alongside. It is impracticable
 from which a Juniper 12
 in's diam bears N 64° N. Marked
 T 12, N. R. 22 E S 31. B. T.
 A Juniper 7 in's diam bears S.
 80° E. 19 skt st marked T 12
 N. R 22 E. S 6. B. T.
 No other trees in limits.
 Land. Rough and broken
 Soil. 3rd rate.

Timber Good grazing
 Feb. 21 21-1883

S B Tp 12 N. R 20 E

G & S. R. M.

Ch

From the cor to Tp 11^{1/2}
N. R. 19^{1/2} 20 E., which is
A sandstone 14+3 is firmly set in
the ground. with 6 notches on each edge

and mound of stone alongside from which
A Juniper 8 in diam bears N 60° W 132 lbs dist-
marked T 12 N. R 19 E. S 36 B. T.
A Pine 7 in diam bears N 70° E 189 lbs dist-
marked T 12 N. R 20 E. S 31 B. T. 200 lbs dist-
A Fern. Cast on a mound of

on S B of T 12 N. R. 20 E and
at 429.50 chs. Intersect 5th
Auxiliary Meridian E. 12.00
chs South of the 14 sec cor. on
N B of sec 34. recently re-established
by me. at this point I set a
Post 4 ft long 4 in square oak
marked stone 12 in in the ground
for the closing Cor to Tp 11^{1/2}
N. R. 20 E. marked C. C. T 12 N.
S 36 on N. T 11 N. S 1 on S. and
R 20 on N faces with 6

S.B. T. 12 N. R 20 E

Chs G⁴ S. R. 20.

notches in S. and N. edges. dug
pits. 24 + 18 + 12 ins, lengthwise
on line, 6 ft dist. and raised
a mound of earth 2 1/2 ft high
5 ft base around post.

Thence I run met on same
line. at sees 1 and 36.

Va 13° 45' E.

Decend.

8,96 Cross mark. 12 lbs with Co
N 14° E. and ascend.

40,00 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec. Cor.
marked 1/2 S. on W face, dug pits 18 x 18 x 12
ins. E and W of post 5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft, high. 3 1/2 ft. base. around
post. from which

A Juniper 18 ins diam bears
N 68° E. 29. lbs dist. Marked
1/4 S.B. T.

No other trees within limits

S. Big T 12 N. R 20 E

Chs 9th S. R. M.

62.46 Cross mark 12 lbs misc Co
N 14° E. and assec.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 12.35 ^{and 36} marked T. 12 N S. 26. on N. E. R. 20 S. 1 on S. E. S. 2 on S, W, and S, 35 on N, W, face, with 5' notch on W and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Land. Rolling Hills

Soil. 2nd rate. good grazing
Timber - Dense Juniper + Prairie
Brush

on same line
Meet that sec 2 ^{and 35} -

N 13° 30' E

• Decree.

20.26 Cross mark 20 lbs misc Co

S. B. Day T 12 N. R 20 E

4th S. R. M.

2132° N. and ascend.

40.00

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

post. From which a Pitman 9 ins diam has 214° S. 29 lbs. dist.

42.46

Marked 14 S B. T.
From Pitman has N 14° E 75 ft high and descend.

67.96

Cross rock 50 lbs with top N. and ascend.

80.00

Set a sandstone 14 x 10 x 5 ins. 9 ins in the ground for the cor to sea's 2.3.34 ^{and} 35, marked with 2 notches on E. and 4 notches on N. edges and raised a mound of stone along pit. Def impracticable from which a Yellow Pine 12 ins diam has N. 12° E. 40 lbs dist. Marked T. 12 N. R 20 E. S 35 B. T.

S 13^{1/2} T 12 N. R 20 E

chs 5 and S. R. M

Land. Broken ^{and} rocks.
Soil. 4th rate.
Timber. Juniper ^{and} Pinon
Brush.

on ~~baseline~~ ^{line}
Not set sec 3 ^{and} 34

20. 13° 36' E

Ascend.

10.40 Top of spur 100 ft high bear
S 45° E. and descend.

32.96 Cross wash. 16 lbs m^{ts} Co
S 74° E. and ascend.

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

65.84 Cross Road bear N 20° E.

71.46 Top of divide 300 ft high

S.B. T. 12 N. P. 20 E
 chs ^{and} S.R.M.,

bears N. 24° E. and ~~is~~ ^{is} ~~is~~

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs.
 3, 4, 33 ^{and} 34 marked T. 12 N. S. 2 of on
 N. E. R. 208° S. 3 on S. E. S. 4 on
 S, W, and S, 33 on N, W, face, with 3 notch
 es on ~~W~~ and 3 notch es on E. edges. dug
 pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.
 and raised a mound of earth 2 ft. high. 4 1/2 ft.
 base. around post.

Sand, rolling, ^{and rocks}
 Soil of the rate.

Timber Juniper ^{and pines}
 Brush.

Nest on same line to Secs
 4 ^{and} 33.

20, 14° E.

Descent gradual.

40.00

Set a Sandstone 24 x 15 x 3 in

S B'dy T 12 N. R 20 E

Chs: G and S. R. M

18 ins in the ground for 14
see con. marked 14 on N
face and raised a mound
of stone along side pits
impracticable

40.20 brass wash 19 lbs with 6 lbs
N. 26° E. and ascends,

80.00 Set a Sandstone, 17+10+4
ins 11 ins in the ground for
the con to see 4-5-32 and 33.
marked with 4 notches on E
and 2 notches on W edge and
raised a mound of stone along
side pits impracticable,
Sands Reef & Rocks
Soil. 8th rate.

Printed Scatter of Jumper

S.B. T12 N. R 20 E

Chs G ^{and} J. R. M.Went on same line to see
5th and 32.

20 14° E

Ascend.

20.47 Top of Divide 285 ft high base
N 27° E ^{and} descend.40.00 Set a Sandstone 20+16+8 in
22 in in the ground for 1/4
see cor marked 14 on N face
^{and} raised a mound of stone
along side. Pits impracticable40.21 Cross wash 13 lbs wide to
N 17° E. and ascend.74.45 Top of Divide base N ^{and} S
250 ft high and descend.80.00 Set a Sandstone 16+8+4 in
11 in in the ground for the
see to see 5.6. 31 ^{and} 32, marked
with 5 notches on E ^{and} 1 notch
on N edges and raised a mound

S B T 12 N. R 20 E
 Chs by ^{and} S. R. M.

of stone alongside. Det
 impracticable,
 Sand, Rough ^{and} Rocky
 Soil, 3rd rate,
 Timber. Scattering Juniper

Went on same line bet sees
 6 ^{and} 31.

Ja 1st E

Descend?

28.04 Cross wash, 15 lbs misc lead 15' 8"
 and ascend.

29.56 To cor to Tps 11 ^{and} 12 N.
 Rs 19 ^{and} 20 E. from which
 I started

Sand, Rough ^{and} Rocky,
 Soil, 3rd rate,
 Timber. Scattering Juniper
 Feb. 21st 1883,

East Bay T. 13 N. R. 19 E.
chs G + S R. M.

From the Stand Cor. to Tps 13 N.
R's 19 + 20 E. recently reestablished
by me. From North lot Secs. 31 + 36.
Va. $13^{\circ} 30' E.$

Decreases gradually

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

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor. to Secs,
25-30-31+36 marked T. 13 N S. 30 on
N. E. R. 20 E S. 31 on S. E. R. 19 E S 30 on
S, W, and S, 25 on N, W, face, with 1 notch
on S, and 5 notches on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft.
base, around post.

Surface Mark level
Soil 2nd rate
Good grass

East Bdy of Tp 13 N. R 19 E,
Ch G + S. R. M.

North 1/2 Secs. 25 + 30.
Va. 13 30 E.

3.00

Descend gradually
from Wash. Balko, Mich. Co. 1 S. E. & ascend

40.00

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

60.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor. to Secs,
19-24-25+30 marked T. 13 N S. 19 on
N. E. R. 20 E S. 30 on S. E. R. 19 E S 25 on
S. W. and S, 24 on N, W, face, with 2 notch-
es on S, and 4 notches on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.
and raised a mound of earth 2 ft. high, 3 1/2 ft.
base. around post.

Surface level. Slopes to S.
Soil 3^d rate
Good grazing

East. Ry of Sp. 13 N. R. 19 E.
Chs G. + S R. M.

North bet. Secs. 19 + 24
Va. $13^{\circ}30' E.$

Ascend gradually

40.00

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

52.00

Top of Ridge 100 ft high Crs. N 30° W. + Ascend

78.12

Cross Wash 16 lbs. Wide Co. N 48° W. and
Continue descent.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 13-18-19-24 marked T. 13 N S. 18 on N. E. R. 20 E S. 19 on S. E. R. 19 E S 24 on S. W. and S. 13 on N. W. face, with 3 notches on S, and 3 notches on N edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high 4 ft. base around post.

Surface slightly rolling

East Pk of Tp 19 N. R. 19 E.

Chs

G. & S. R. M.

Soil 3' rate.

Good grazing

North bet. lines. 13 & 18

Va. 13°30'E.

Descend gradually

37.00 Cross Wash 18 lks. W. side Co. S 48° W. & ascend.

40.00

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

54.14

Top of Butte 75 ft. high
Descend.

80.00

Set a sand stone 16 x 10 x 8 ins, 11 ins. in the ground for Cor, 6 Secs, 7-12-13-14 marked with 4 notches on S. and 2 notches on N edges. dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. alongside.

East Big of Tp. 13 N. R. 19 E.

Chs

G. + J R. M.

Surface level. Open prairie.
Soil 2^d rate.
Dense undergrowth

North Cut. Secs. 7-12

Na. 13°30' E.

Descent

- 7.00 Enter dry Lake brs. N. E. + S. W.
18.00 Leave dry Lake brs E. + W. + ascend.
33.11 Top of Ridge 50 ft. high brs E. + W.

Descent.

- 40.00 Set a sand stone, 16 x 12 x 6 ins., 11 ins.
in the ground for $\frac{1}{2}$ Sec., Cor, marked $\frac{1}{4}$ on W
face, dug pits 18 x 18 x 12 ins. N and 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.
- 79.18 Cross Wash 10 W. side Co. S. 80° E.
but ascend.

East Bay of Tp 13 N. R. 19 E.

Chs G. + S. R. M.

80.00

Set a sand stone 18 x 18 x 12 ins. in the ground for Cor. to Secs. 1-6-7 + 12 marked with 5 notches on S. and 1 notch on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Surface rough + rocky
Soil 4th rate
Dense Juniper Brush

North Mt. Secs. 1 + 6.
Va, 18° 30' E.

33.10

Ascend.
Top of Ridge 50 ft. high Crs. S 80° E.
descend

East Pt of Tp. 13 N. R. 19 E.

Chs

G. + S. R. M.

- 40.00 Set a Sand stone, $30 \times 20 \times 5$ ins., 2 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 and 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 Pine 8 ins. diam bro. S 37° E. 53 lbs. dist. Marker $\frac{1}{4}$ S. P. T.
- A Juniper 10 ins. diam. bro. S 70° W. 57 lbs. dist. Marker $\frac{1}{4}$ S. P. T.
- 63.60 Cross Wash 15 lbs. Wide Co. N 43° E. + accu
- 80.00 Set a Sand stone $18 \times 12 \times 10$ ins., 12 ins. in the ground for Cor. to Tps. 13 + 14 R. marked with 6 notches on ^{line N. S. E. + W. of stone} each edge, dug pits $24 \times 18 \times 12$ ins. on each ~~Sec~~ ^{Sec.} 5 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high. 5 ft. base. alongside.

Surface rough + rocky
 Soil $4\frac{1}{2}$ rate

Scattering Bunches of Juniper

Feb. 22nd, 1883

N. By T. 13 N. R. 20 E.

Chs

From the Cor. to Tps. 13-14 N. R. 19 & 20 E. Just established. Iron East, on a random line setting $\frac{1}{4}$ Sec. Corners, at weay 40 and 80 Chs. and at 1180.19 Chs. arrive at a point 4.83 Chs. S. of the Cor. to Tps. 13 & 14 N. R. 20 & 21 E. previously re-established by me. From which Cor. Iron S. $89^{\circ}26'$ N. on a true line bet Cas. 1 & 36. Na $13^{\circ}30'$ E.

Ascend gradually

40.00

Set a Sand stone, $14 \times 9 \times 5$ ins., 9 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. and W. of stone 10 ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high, $8 \frac{1}{2}$ ft. base. alongside.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 1-2-35 & 36 marked T. 14 N S. 36 on N. E. R. 20 E S. / on S. E. T. 13 N. S. 2 on S. W. and S. 35 on N. W. face with 5 notches

N. By J. 13 N. R. 20 E.

Chs

on E and 1 notch on W edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft. high. 4½ ft.
base. around post.

Surface rolling
Soil 3rd rate
Good grass.

N. By J. 13. N. R. 20 E.

chs

S. 89° 26' N. on a true line bet. Secs. 2 + 35.

Na. 13° 30' E.

Ascend gradually

40.00

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

50.16

Top of divide 60 ft. high bet N.E. and

Ascend gradually

80.00

Set a post 4 ft. long 4 ins. square with marked stone, 12 ins, in the ground for Cor. to Secs. 2-3-34-35 marked T14N S. 35° on N. E. R. 20 E S. 2 on S. E, T13NS3 on S, W, and S, 34 on N, W, face, with 4 notches on W and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. around post.

Surface rolling

Soil 3' rate

Scattering Juniper

N. By J. 13 N. R. 20 E.

chs

S. $89^{\circ}26'$ N. on a true line bet Secs. 3 & 34
Va. $13^{\circ}30'$ E.

Ascend gradually

6.00 Cross Wash 16 kts wide Co. N 37° E

and ascend

40.00

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

77.17

Top of Ridge bis. 510° E. & descend gradually

80.00

Set a Sand Stone $20 \times 12 \times 10$ ins. 15 ins. in the ground for Cor. to Sec 3-4-33-34. Marked with 3 notches on E. & N. edges, and raised a mound of stone alongside,

Pits impracticable

Surface rolling

Soil 3^d date

Some grass.

Dense Juniper Brush.

N. By. T. 13 N. R. 20 E.

chs

S. 89° 26' N. on a Fine line bet Secs. 4 + 33
 Va. 13° 30' E.

descend gradually

40.00 Set a Sand Stone 18x12x10 ins. 12
 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 impracticable

51.80 Sink Hole 3.00 chs. wide

63.00 Sink Hole 5.00 chs. wide

80.00 Set a Sand Stone 30x24x10 ins. 20.

ins. in the ground for Cor. to Secs. 4

- 5. 32 + 33. Marked with 4 notches
 on E. and 2 notches N. edges.

and raised a mound of Stone
 alongside - Pits impracticable

Surface rough & rocky

Soil 4" sate

Dense Juniper Brush.

N. By T. 13 N. R. 20 E.
Chs

- S. 89°26' N. on a true line bet. Secs. 5 + 32.
N. 13°30' E.
Descend over Brakes.
- 40.00 Set a Sand Stone 30x24x2 ins.
20 ins. 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
from which
a Piñon 12 ins. diam. brs. S. 37° N. 16 lbs.
dist. Marker $\frac{1}{4}$ S. B. T.
a Piñon 6 ins. diam. brs. N. 53° W. 11 lbs.
dist. Marker $\frac{1}{4}$ S. B. T.
- 53.00 Enter Valley bro N. & S.
- 63.50 Cross Wash 19 lbs. Mid Co. N. 10° E. + over
level land.
- 80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor. to Secs.
5-6-31 + 32 marked T. 14 N S. 32 on
N. E. R. 20 E S. 5 on S. E, T. 13 N. 36 on
S, W, and S; 31 on N, W, face, with 1 notch

N. By. J. 13 N. R. 20 E.

Chs

on Wand 5 notches on E. edge, dug
pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft. high, 1½ ft.
base. around post.

Surface rolling & level

Soil 3^d. rate

Dense Juniper Brush

S. 89° 26' N. on a true line bet. Secs. 6 + 31.
Va. 13° 30' E.

Ascend gradually

32.00 Leave Valley brs. N. & S. + ascend.

40.00

Set a post 3 ft. long 3 ins. diam. with marked
stone, 12 ins. in the ground for ¼ Sec. Cor.
marked ¼ S. on N face, dug pits 18 x 18 x 12
ins. E and W. of post 5½ ft. dist. and raised
a mound of earth 1½ ft. high, 3½ ft. base. around
post.

44.00

Go to Wash & Elk. ridge Co. 72.50 E. and
Continue ascent.

N. By. 5, 13 N. R. 20 E.

chs

80.19 The Cor. to Tps. 13 + 14 N. R. 20 E.
19 + 20 E.Surface level and rolling
Soil 3^d rate

Scattering Juniper + undergrowth.

I carefully examined the adjustment of my Solar Compass today, particularly the latitude and reversing apparatus, and found them correct.

Feb. 22nd / 1888

C. By 77 14 N. Q. 19 E.

ch

From Sta Cor. to Sp. 13 + 14 N.
 Rs. 19 + 20 E. recently established
 by me from N. bet. Secs. 31 + 36.
 Va. 1340' E.

Descent gradually

26.35 Cross Wash 16 lks. Mile Co. E. + descend.

40.00 Set a Sand stone 2 x 13 x 5 ins.

15 ins. in the ground for $\frac{1}{4}$ Sec. Cor.

marker $\frac{1}{4}$ on N. face, and raised
 a mound of stone alongside.

Pits impracticable

47.51 Top of Spur. 100 ft. high. brs. \pm + N. + descend.

73.00 Foot of Hill. brs. E + over level valley

80.00 Set a Sand stone 5 x 8 x 3 ins, 10 ins in
 the ground for Cor, to Secs, 25-30-31 + 36 marker
 with 1 notch on S. and 5 notch on N. edges
 dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft
 dist. and raised a mound of earth 2 ft high
 2 ft. base. alongside.

Surface rolling + rocky

Soil 3^d + 4th rate

Grows grass

Scattering bunches of Juniper

E. Ry. Sp 14 N. R 19 E,

chs

North lat. Secs. 25 + 30,
Va. 13 45' E.

Descent gradually

46.00 Set a Sand Stone, 16 x 9 x 4 ins., 11 in.
the ground for 1/4 Sec, Cor, marked 1/4 on W
face dug pits 18 x 18 x 12 ins. N. and S of
stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft high, 3 1/2 ft. base. alongside.

58.11 Descent gradually

80.00 Set a Sand stone 8 x 11 x 4 ins., 12 in.
the ground for Cor, to Secs, 19-24-25-30 marked
with 2 notches on S. and 4 notch on N. edge
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft
dist. and raised a mound of earth 2 ft, high,
4 1/2 ft. base. alongside.

Surface level.

Soil 2^d rate

Good grass.

Scattering Bunches of Juniper

E. By T_p. 14 N. R. 19 E.
chs

North. bet. Secs. 19 & 24
Ta. 13° 37' E.

Assum gradually

40.00 Set a Sand stone, 14 x 9 x 3 ins., 9 ins.
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. and 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.

68.18 Top of Spur 70 ft. high bet. E. & W. & descend.

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins. in the ground for Cor, to Secs.
13-18-19 & 24 marked T. 14 N. S. 18 on
N. E. R. 20 E S. 19 on S. E, R. 19 E S. 24 on
S, W, and S, 13 on N, W, face, with 3 notch
es on S, and 3 notch es on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft.
base. around post.

Surface rolling
Soil sandy & 2^d rate
Good grass.

E. Bay Tp. 14 N. R. 19 E.

chs

North bet. Secs. 13 & 18
Va 1340' E.

desert gradually.

40.00

Set a Saur stone, 16 x 9 x 4 ins., 11 in.
in the ground for 1/2 Sec, Cor, marked 1/2. on W.
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high, 3 1/2 ft. base. alongside.

80.00

Set a Saur stone 19 x 6 x 3 ins., 13 in. in
the ground for Cor, to Secs, 7-12-13 & 18 marked
with 4 notches on S. and 2 notches on N. face
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft
dist. and raised a mound of earth 2 ft. high
4 1/2 ft. base. alongside.

Surface nearly level.

Soil 3rd rate

Land grazing



E. By 7 p. 14 N. R. 19 E.

chs

North lot. Secs. 7 & 12,
T₄N, R₁₃W, S₃₃E.

Ascend gradually.

7.00 Foot of Rocky Bluff brs. N. 70° W.
33.00 Top of Bluff 235 ft. high brs. N. 65° W.
+ ascend gradually

40.00 Set a Saut stone, 18 x 13 x 4 ins., 12 ins
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N.
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $7\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside.

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins., in the ground for Cor. to Secs,
1-6-7th & 12 marked T. 14 N S. 6 on
N. E. R. 20 E S. 7 on S. E. R. 19 E S. 12 on
S, W, and S, 1 on N, W, face, with 5 notch
2 on S, and 1 notch on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft.
base, around post.

Surface broken, rolling
Soil 3' + 4' rate
Fair grass.

E. By Tps 14 N. R. 19 E.

Chs

North Cut. Sec. 156,
 Va. 13° 40' E.

Descent gradually

40.00 Set a Sand Stone 17x10x4 ins. 12
 ins in the ground for $\frac{1}{4}$ Sec. Cor.
 Marked $\frac{1}{4}$ on N. face & raised
 a mound of Stone alongside.
 Pits impracticable.

80.00 Set a Sand Stone 18x12x4 ins
 12 ins. in the ground for Cor. to
 Tps. 14+15 N. Rs. 19+20 E. Marked
 with 6 notches on each edge and
 raised a mound of Stone alongside.
 Pits impracticable.

Surface level sloping grad. to north.
 Soil 3rd rate
 Growing grass
 Some Juniper Bush

Feb 23rd 1883

N. By Sp. 14 N. R. 20 E.

chs

From the Cor. to Sp. 14+15 N. R. 19+20 E. just established. From E. on a random line on N. By of Sp. setting temporary $\frac{1}{4}$ and Sec. Cors. at way 40+80 chs. and at 481.26 Chs. I arrived at a point 4.56 Chs. S. of Cor. to Sp. 14+15 N. R. 20+21 E. recently established by me.

From which Cor. I run S. $89^{\circ}27'$ N. on a true line to Sec. 1+36. Va. $13^{\circ}31'$ E.

Over level Mesa.

40.00

Got a Saut stone, $16 \times 8 \times 5$ ins., 11 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. and N. 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.

M. By, J, 14 N, Q, 20 E.

Chs

80.00

Set a Sand stone $17 \times 10 \times 4$ ins, $\frac{1}{2}$ ins. in the ground for Cor, to Secs, 1-2-35+36 marked with 5 notches on W and 1 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Surface almost level
Soil 3^d rate

Good grass

Scattering Juniper Bush

N. Ry. T. 14 N. R. 20 E.

Chs

Set 27 ft. on a true line bet. Secs. 2 & 35.
 Va. 1345' E.

Ascend gradually.

40.00

Set a Sand stone, 17 x 6 x 4 ins., 12 ins.
 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. and N.
 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.

71.00

Top of Hill & descent gradually

80.00

Set a Sand stone 6 x 10 x 3 ins., 11 ins. in
 the ground for Cor, to Secs, 2-3-34 and 35 marked
 with 4 notches on W. and 2 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Surface rolling
 Soil rocky 3rd rate
 Good grazing

N. By. T. 14 N. R. 20 E.

Chs

S. 89° 27' N. on a true line bet Secs. 3 & 34
T. 14 N. R. 20 E.

Descend gradually

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. and N. 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.

51.00

Ascend gradually

80.00

Set a Scur stone 16 x 10 x 5 ins, 11 ins. in the ground for Cor, to Secs, 3-4-33 & 34 marked with 3 notches on W and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. alongside.

Surface almost level
Soil 3^d. rate
Good grass

N. 12y. T. 14 N. R. 20 E.

chs

S. 89° 27' N. on a true line bet. Secs. 4 + 33.

N. 13° 45' E.

Ascend gradually

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. and N. 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.

59.00 Top of ascent & descent gradually

69.85 Cross Wash 15 Yds. wide Co. N. 80° E & ascent.

80.00

Set a Sand stone 26 x 8 x 4 ins, 20 ins. in the ground for Cor, to Secs. 4-5-32-33 marked with 2 notches on W and 4 notches on E. edges, dug pits 18 x 18 x 12 in. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. alongside.

Surface rolling

Soil 3^d rate

Good grass

N. By J. 14 N. R. 20 E.

Chs

S. 89° 27' N. on a true line bet. Secs. 5 + 32.
 Va. 1345' E.

Ascend gradually

40.00

Set a Saut stone, 14 x 9 x 3 ins., 9 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N. face, dug pits 18 x 18 x 12 ins. E. and 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.

63.00

Top of ascent + descent gradually

80.00

Set a Saut stone 16 x 12 x 4 ins., 11 ins. in the ground for Cor. to Secs. 5-6. 31 + 32 marked with 1 notch on W and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. alongside.

Surface rolling

Soil 3^d rate

Good grass

Scattering Juniper grass.

N. By. T. 14 N. R. 20 E.

ds

S. 89° 27' N. on a line bet. Secs. 6 + 31

Va. 13° 45' E.

Descent gradually.

12.00 Cross Sag. & ascent gradually

40.00 Set a Sand Stone 17 x 13 x 4 ins.
12 ins. in the ground for $\frac{1}{4}$ Sec. Cr.

Marker $\frac{1}{4}$ on N. face and raised
a mound of stones alongside.

Pits impracticable

69.48 Cross Wash 16 lbs wide Co. N. 12° E.
and continue ascent.

81.26 The Cr. to Tps. 14 + 15 N. R. 19 + 20 E.

Surface slightly rolling
Soil 3" oats
poor grass.

Some Juniper brush.

I carefully examined the adjustment
of my Solar Compass today, particularly
the latitude & reversing apparatus.
& find them correct.

Feb. 23rd 1883

N. By. J. 15 N. R. 20 E.

chs

From the Cor. to Tps. 14+15 N. R. 20
19+20 E. locally established
by me from
North. Int. Secs. 31+36.
Va. 1330' E.

Descent gradually.

40.00

Set a Sand Stone 28 x 9 x 4 ins. 20
ins. in the ground for $\frac{1}{4}$ Sec. Cor.
Marker $\frac{1}{4}$ on N. face and raised
a mound of Stone alongside.

Pits impracticable.

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins. in the ground for Cor. to Secs,
25-36-31+36. marked T. 15 N S. 30 on
N. E. R. 20 E S. 31 on S. E. R. 19 E S. 36 on
S. W. and S. 25 on N. W. faces with 1 notch
— on S. and 5 notches on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft.
base. around post.

Surface rolling Slope grad. to North
Soil 2^d or 3^d rate.
Good grass
Scattered brush

N. By S. 15 N. R. 20 E.

chs

North Cul. Secs. 25 + 30.

va. 13°30' E.

Descend gradually

31.11

Cross Sag + ascend gradually

40.00

Set a Sand stone, 18 x 10 x 6 ins., 12 ins.

in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N.

face, dug pits 18 x 18 x 12 ins. N. and 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.

50.00

Set a Sand stone 15 x 10 x 3 ins, 10 ins. in

the ground for Cor, to Secs. 24-25+30 marked

with 2 notches on S. and 4 notches on W edges,

dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft.

dist. and raised a mound of earth 2 ft, high.

4 $\frac{1}{2}$ ft. base. alongside.

Surface rolling

Soil Sandy 2 $\frac{1}{2}$ + 3 $\frac{1}{2}$ rate.

Good grass.

N. By T. 15 N. R. 20 E.

hs

North Lot. Sec. 19 & 24.

va. 13° 30' E.

Ascend gradually

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. N. and S. of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around post.

46.00

Top of low Hill & descend gradually.

80.00

Set 2 Sawst stones 33 x 10 x 6 ins, 17 ins. in the ground for Cor, to Secs, 15-18-19 & 24 marked with 3 notches on S. and 3 notches on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 ft. base. alongside.

Surface rolling

Soil 3^d rate

Good grazing

N. By. T. 15 R. 20 E.

Chs

North lot Secs. 13 & 18.

Var. 1330' E.

Descend gradually

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. N. and S. of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around post.

71.00

Enter Timber Co. S. of N.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 7-12-13 & 18 marked T. 15 N S. 7 on N. E. R. 20 E S. 14 on S. E, R 19 E S 13 on S, W. and S, 12 on N, W, face, with 4 notches — on S, and 2 notch — on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. around post.

Surface rolling
Soil 3. rate

Good grass.

Scattering Juniper.

64
54

N. By T. 15 N. R. 20 E.

Ch

North Int. Secs. 7+12,

va. 1330' E.

descend gradually

40.00 Set a Sand stone 21x16x5 ins.
15 ins. 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.

45.70 Cross Wash 18 lks. Mid. Co. N; 80° E,
ascend gradually.

80.00 Set a Sand stone 19x10x4 ins.
14 ins. in the ground, for Cor. to
Secs. 1-6-7+12. Marked with 1
Notch on N. + 5 Notches on S. Edges.
and raised a mound of stone along-
side. Pits impracticable.

Surface rough rocky

Soil 4" fat

Dense Juniper Bush

N. Ry. T. 15 N. R. 20 E.
Chs

North lat. Secs. 1 + 6.

va. 13°30' E.

ascend gradually

40.00 Set a Sand stone 17x13x4 ins.
12 ins. in the ground for $\frac{1}{4}$ Sec.
Cor. Marker $\frac{1}{4}$ on N. face and
raise a mound of stone alongside.

Pits impracticable

40.00 Top of ascent & descend gradually.

74.00 Leave Tumbler box E & N.

80.00 Set a Post 4 ft. long 4 ins sq. with
Marble Stone 12 ins. in the ground
for Cor. to Tps 15 + 16. N. R. S.
19 + 20 E. Marker.

T. 16 N. S. 31 on N. E.

R. 20 E. S. 6 on S. E.

T. 15 N. S. 1 on S. lat and

R. 19 E. S. 56 on N. face,

+ with 6 notches on each edge,
dig pits 24x18x12 ins. length -

N. By T. 15 N. R. 20 E.

chs

misc on each line 6 ft. dist
and raised a mound of earth
2 1/2 ft. high 5 ft. base a
mound post.

Surface rolling

Soil 3rd + 4th rate

Fair grass.

Scattering Juniper.

Feb. 24th 1883

N. By T. 15 N. R. 20 E.

Chs

From the Cor. to Tps. 15+16 N. R. 19+20 E. Just established. Iron East. on a random line on N. By. of T. P. Setting temporary $\frac{1}{4}$ + Sec Corners at every 40 + 80 Chs. and at 479.66 Chs. I arrive at a point 5.25 Chs S. of Cor to Tps. 15+16 N. R. 20+21 E, newly established by me.

From which Corner. I run S. $89^{\circ}22'$ N. on a true line bet. Secs. 15+16 N. $13^{\circ}57'$ E.

Descent gradually

- 13.16 Cross track 20 Chs. side Co. N 68° E. + ascent
 24.00 Top of ascent + begin descent gradu
 40.00 Set a sand stone $22 \times 10 \times 4$ ins.
 16 ins. in the ground, for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on N. face,

N. By Sp. 15 N. R. 20 E.

Chs

and raised a mound of stone
alongside. Pits impracticable &
Ascend gradually

53.00 Cross Dash 15 lks. wide Co.

No 32° E. + ascend grad.

80.00 Set a Sand Stone 20x12x8 ins.

15 ins. in the ground for Cor. to
Secs. 1-2-35 & 36. Marked with

1 Notch on E. + 5 Notches on
N. faces. and raised a

Mound of Stone alongside.

Pits impracticable.

Surface rolling

Soil 3^d rate

Good grazing



N. By. T. 15 N. R. 20 E.
Chs

S. 89° 22' N. on a true line bet. Secs. 2 & 35.
va. 13° 30' E.

Ascend gradually

40.00 Set a Sand stone, 15 x 12 x 5 ins., 10 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N.
face, dug pits 18 x 18 x 12 ins. Σ . and \mathcal{N} .
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.

80.00 Set a Sand stone $20 \times 12 \times 8$ ins., 14 ins. in
the ground for Cor, to Secs, 2-3-34-35 marked
with 4 notches on W and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Surface rolling

Soil 3^d rate

Good grazing

N. By Tp. 10 N. R. 20 E.

chs

S. 89²² Monotrichum lino lino lino lino lino. 3 + 34
Va. 13° 30' E.

Ascend grad.

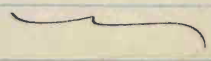
40.00

Set a Sand stone 16 x 8 x 7 ins. 11
ins. 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.

80.00

Set a Sand stone 19 x 7 x 8 ins. 3 ins. in
the ground for Cor. to Secs. 34-33-34 marked
with 3 notches on W and 3 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high,
4 $\frac{1}{2}$ ft. base. alongside.

Surface rolling
Soil 3^d rate
No grazing



N. Ry Tp. 15 N. R. 20 E.

As

S. 89° 22' N. on a true line bet. Secs. 4-33,
 Va. 1330' E.

Ascend grad.

24.00 Top of Ridge 200 ft. high bro. N. 31° E.
 & over level Mesa.

40.00 Set a Sand stone, 16 x 10 x 4 ins., 11 ins.
 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. and 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.

80.00 Set a Sand stone 17 x 11 x 3 ins., 12 ins. in
 the ground for Cor. to Secs. 4-5-32 & 33 marked
 with 2 notches on W and 4 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base. alongside.

Surface nearly level

Soil 3^d rate

Good grazing

N. Ry. Tp. 15 N. R. 20 E.
 Chs

S. 89° 22' N. on a true line bet. Secs 5 + 32.
 Va. 13° 30' E.

Over level Surface.

40.00 Set a Sand stone, 15 x 9 x 5 ins. 10 ins.
 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. and 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.

68.00 Leave Mesa & begin to descend.

80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs.
 5-6-31 + 32 marked T. 16 N S. 32 on
 N. E. R. 20 E S. 5 on S. E. T. 15 N S 6 on
 S, W, and S, 31 on N, W, face, with 1 notch
 on Wand 5 notches on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
 and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft.
 base. around post.

Surface nearly level

Soil 2^d + 3^d rate

Scattering Cedar.

Some grass.

N. By T_p. 15-21. R. 20 E.

Chs

S. 89° 22' N. on true line bet. Secs. 6 + 8 1.

Na. 13° 36' E.

descent grad.

14.00 Cross Mach 15 lks. Side Co. N. 13° E.

and ascent grad.

40.00 Set a post 3 ft. long 3 ins. diam with marked

stone, 12 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. and W of post 5 $\frac{1}{2}$ ft. dist. and raised

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

post.

79.66 The Cor. to T_ps. 15 + 16 N. R. S. 19 + 20 E.

Surface rolling

Soil 3^d rate.

Good grazing

Scattering Juniper & Cedar.

I carefully examined the adjustments
to my Solar Compass today, particularly
the latitude and reversing apparatus,
and found them correct.

Feb. 24th 1883

S. By $\frac{1}{2}$ N. 14 N. R. 19 E.
Chs

From the Cor. to Tps. 13 + 14 N. R. 18 + 19 E. which is a Sand stone
12 x 8 ins. Set firmly in the ground
Marked with 6 Notches on each
edge and a mound of stone a-
longside - Iron East on a
random line on N. By of $\frac{1}{2}$ N.
Sitting temporary $\frac{1}{4}$ Sec. Corners
at way 40 + 80 Chs. and at 482.40
Chs. I arrive at a point 2.12 Chs.
S. of Cor. to Tps. 13 + 14 N. R. 19 E.
20 E. From which Cor. Iron
S. 89° 45' N. on a true line into Sec. 1 + 36.
N. 13° 40' E.

descent.

40.00 Cross Ridge 75 ft high on N 10° E. + descent.
Set a post 3 ft. long 3 ins. diam with marked
stone, 12 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. and W. of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
post.

S. by T_h. 14 N. R. 19 E.

As

- 40.20 Cross. Wash & Uts. wide Co. N. 10° W. & ascent
- 60.00 Top of Spur 100 ft high Grs N 17° W.
- 73.20 Cross. Wash & Uts wide. Over N.
- 80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs. 1-2-35- & 36 marked T. 14 N S. 36 on N. E. R. 19 E S. 1 on S. E, T. 13 N S. 2 on S, W, and S, 35 on N, W, faces with 5 notch ~~2~~ on W and 1 notch — on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft, high. 4½ ft. base. around post.

Surface rough & rocky
 Soil 3rd rate
 Scattering Brush.

S. By 1/4 N. R. 19 E.
Chs

S 89° 45' W. on a true line bet. Secs. 2 + 35
Va. 13° 30' E.

Ascend.

40.00

Set a sand stone, 16 x 10 x 8 ins., 16 ins.
in the ground for 1/4 Sec, Cor, marked 1/4: on N,
face, dug pits 18 x 18 x 12 ins. E, and 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.

52.00

Top of Ridge 75 ft. high on N.W. & descend

80.00

Set a sand stone 24 x 16 x 4 ins., 18 ins. in
the ground for Cor, to Secs. 2-3-34-35 marked
with 4 notches on W and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.
dist. and raised a mound of earth 2 ft, high.
4 1/2 ft. base. alongside.

Surface rolling
Soil 3^d rate
Good grass

S. By Tp 14 N. R. 19 E.

Ch 1

S. 89° 45' N. on a true line bet. Secs. 3 & 34
 Va. 3° 30' E.

Descent grad.

120.00

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

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 3-4-33 & 34 marked T. 14 N S. 34 on N. E. R 19 E S. 3 on S. E, T. 13 N S 4 on S. W. and S. 33 on N, W, face, with 3 notch ∞ on W and 3 notch ∞ on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. around post.

Surface rolling

Soil 3^d rate

Scattering Juniper & Cedar

S. by $\frac{1}{2}$ N. 14 N. Q. 19 E.

chs

S. 89° 45' N. on a true line bet. Secs 4-33.
Va. 18° 30' E.

40.00 descend grad.
Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for $\frac{1}{2}$ Sec, Cor., marked $\frac{1}{2}$ S. on N. face, dug pits 18 x 18 x 12 ins. S. and N. 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.

47.00 Enter Valley bro N. 20° W.

74.00 Cross Wash 20 lks. wide Co. N. 27° W.

ascend grad,

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 4-5-32 + 33 marked T. 14 N S. 33 on N. E. N. 19 E S. 4 on S. E. T. 13 N S 5 on N, W, and S, 32 on N, W, face, with 2 notch ϵ_0 on W and 4 notch ϵ_0 on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft. base. around post.

Surface falling
Soil Sandy - 3 $\frac{1}{2}$ ft. to
broo grass
Scattering Juniper & cedar

S. By T₁₂. 14 N. R. 19 E.

Chs

S. 89°45' N. on a true line bet. Secs, 5 + 32,
 Va. 13°30' E.

Ascend grad.

- 20.00
 120.00 Deane Valley brs. N 20° N. r ascend
 Set a post 3 ft. long 3 ins. diam. with marked
 stone, 12 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. S. and N. 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. On Top of Spur. brs. N 30° N. r descends.
- 62.00 Cross Wash 7 $\frac{1}{2}$ Miles. Mile Co. N. W. r ascend grad.
- 76.00 Top of Ridge brs. N r W. r descend grade
- 80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 5-6-31+32 marked T. 14 N S. 32 on
 N. E. T. 19 E S. 5 on S. E, T. 13 N. S 6 on
 S, W, and S, 31 on N, W, face, with 1 notch
 on W and 5 notch on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.
 and raised a mound of earth 2 ft, high 4 $\frac{1}{2}$ ft.
 base. around post.
 surface rolling
 wood gray
 Soil sandy 73° note
 Scattering Juniper & Cedar.

S. By T^p. 14 N. R. 19 E.

Chs

S. 89° 45' W. on a true line bet. Secs. 6 + 31.

Var. 18° 30' E.

Recent grad.

40.00

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

63.20 Cross Wash 14 Chs. Side Co. N.
ant Ascent.

82.40 The Cor. to T^ps. 13 + 14 N. R. 18 + 19 E.
Surface rolling
Soil 3^d rate
Good grazing
Scattering Brush.

June 1st 1883.

N. By Tps. 14 N. R. 19 E.
chs

From the Cor. to Tps. 13 & 14 N. Rs.
18 & 19 E. previously described by me
Irron.

North lat. Secs. 31 & 36.
Ra 14° E.

Reseant grad.

40.00

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 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. N. and S. of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
post.

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Secs.
25 30 35 & 36 marked T. 14 N S. 30 on
N. E. N. 19 E S. 31 on S. E. P. 18 E S 36 on
S, W, and S, 25 on N, W, face, with 1 notch
— on S, and 5 notch ϵ_0 on N edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$ ft.
base. around post.

from which
a Cedar 8 ins. diam. brs. S. 89° E. 51 lbs

N. Ry Tp. 14 N. R. 19 E.

shs

dist. Markers T. 14 N. R. 19 E. S. 31 00 T.

A. Cedar 6 ins. diam. trs. S 23° W. 50 lks.

dist. Markers T. 14 N. R. 18 E. S. 36 00 T.

A Cedar 8 ins. diam. trs. N 70° W. 6 lks.

dist. Markers T. 14 N. R. 18 E. S. 25 00 T.

Surface rolling

Soil sandy 3^d rate

Fair grass

Dense Undergrowth -

~~~~~

N. By Tp. 14 N. R. 19 E.

do

With lot. Secs. 25 + 30.

va.  $14^{\circ}$  E,

Descent grad:

40.00

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

40.50

Leave timber

78.50

Cross Wash 30 lbs. wide co. N  $70^{\circ}$  W. + ascend

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 19-24-25 + 30 marked T. 14 N S. 19 on N. E. R. 19 E S. 30 on S. E, R. 18 E S. 25 on S, W, and S, 24 on N, W, faces with 2 notch es on S, and 4 notch es on N edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. around post.

Surface rolling

Scib  $3^{\circ}$  rate

Good grass

N. By T<sub>14</sub> N. R. 19 E.  
Chs

mark bet. Secs. 19 + 24  
Va. 14° E.

Ascend.

9.00 Top of spur br. N 60° E. + descend gro  
40.00

Set a post 3 ft. long 3 ins. diam with marked  
stone, 12 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. N. and S. of post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft, high.  $3\frac{1}{2}$  ft. base. around  
post.

80.00

Set a post 4 ft. long 4 ins. square, with marked  
stone, 12 ins. in the ground for Cor, to Secs,  
13-18-19+24 marked T<sub>14</sub> N S. 14 on  
N. E. 119 E S. 19 on S. E, R<sub>18</sub> ES 24 on  
S, W. and S, 13 on N, W, faces with 3 notches  
on S, and 3 notches on N edges, dug  
pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.  
and raised a mound of earth 2 ft, high.  $4\frac{1}{2}$  ft.  
base. around post.

Surface nearly level  
Soil 2<sup>d</sup> rate  
Good grazing



N. By Twp. 14 N. R. 19 E.

ds

North cut. Secs. 13 & 18.  
ra 14° E.

Descent grad.

20.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. N. and S of post 5  $\frac{1}{2}$  ft. dist. and raised a mound of earth 1  $\frac{1}{2}$  ft, high. 3  $\frac{1}{2}$  ft. base. around post.

41.00 Cross Wash 16 Ets. Wade Co. N. E.,  
and continue descent.

50.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 7-12-13 & 18 marked T. 14 N S. 7 on N. E. R. 19 E S. 18 on S. E, R. 18 E 13 on S, W, and S. 12 on NW faces, with 4 notch  $\Sigma$  on S, and 2 Notches on N edges, dug pits 18 x 18 x 12 ins in each Sec., 5  $\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft, high. 4  $\frac{1}{2}$  ft.

base. around post.  
Surface rolling  
brow grazing  
Soil 2<sup>d</sup> rate.

N. By Tp. 14 N. R. 19 E.

chs

North lot. Sec. 7 + 12.

Va. 14° E.

Artium descent.

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. N. and S. of post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. around post.

67.00 Enter Dry Basin Prs. N. W.

73.40 Cross Wash 20 Ecs. Mid Co. N 30° W

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs. 1-6-7 + 12 marked T14N S. 6 on N. E. R. 19 E S. 7 on S. E. R. 18 E S. 12 on S. W. and S. 1 on N. W. faces with 5 notch 2 on S. and 1 notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. around post.

Land nearly level

Soil 2<sup>d</sup> - sats

Gov grazing

N. By Sp. 14 N. R. 19 E,  
chs

North int Sec. 16.  
Va. 14° E.

Over level Valley

36.00 Lean basin br N. 60° W. + a sand grad

40.00 Set a Sand stone, 14 x 10 x 4 ins., 9 ins.  
in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  on N.  
face, dug pits 18 x 18 x 12 ins. N. and 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.

80.00 Set a Sand stone 24 x 10 x 6 ins., 16 ins. in  
the ground for Cor, to Sp. 14 & 15 N. R. S.  
18 & 19 E. marked with 6 notches on  
each edge, dug pits 24 x 18 x 12 ins. length-  
wise on each line 6 ft. dist. &  
raised a mound of earth 2 ft  
ft. high 5 ft. base alongside.

Surface rolling

Soil 2<sup>d</sup> rate

Good grazing

No timber

June 1st 1883



N. Bay Tps. 14 N. R. 19 E.  
Chs

From the Cor. to Tps. 14 + 15 N. Rs.  
18 + 19 E. just established. I run  
East on a random line on N.  
Bay of <sup>14<sup>th</sup></sup> Tps. setting temporary  $\frac{1}{4}$  +  
500 Corners at every 400 + 80  
Chs. and at 481.30 Chs. I arrive  
at a point 2.74 Chs. S. of Cor.  
to Tps. 14 + 15 N. Rs. 19 + 20 E.  
recently established by me,  
From which Cor. I run  
S. 89° 40' N. on a true line bet. Secs. 1 + 36  
Va. 13° 30' E.

Ascend gradually

40.00 Set a Sand stone 17 + 9 + 4 ins.  
12 ins. in the ground for  $\frac{1}{4}$   
Sec Cor. Mark it  $\frac{1}{4}$  on N. face  
and raise a mound of  
stone alongside  
Rits impracticable -

N. By Sp 14 N. R. 19 E.  
chs

14400

Lean Bush

86.00

Sand stone  $21 \times 18 \times 4$  ins, 15 ins. in  
the ground for Cor, to Secs, 1-2-35+36 marked  
with 5 notches on W and 1 notch on E. edges,  
dug pits  $18 \times 18 \times 12$  ins. in each Sec., 5 ft.  
dist. and raised a mound of earth 2 ft, high,  
2 ft. base. alongside.

Surface rolling

Soil 3<sup>d</sup>. rate

Scattering Brush

N. By T<sup>r</sup>. 14 N. R. 19 E,  
chs

S. 89°40' N. on a true line bet. Secs. 2 + 35  
Va. 1 3/4 S' E.

Ascend grad.

40.00

Set a Sand stone, 22 x 10 x 3 ins., 16 ins.  
in the ground for 1/4 Sec, Cor, marked 1/4 on N.  
face, dug pits 18 x 18 x 12 ins. E. and 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.

80.00

Set a Sand stone 19 x 10 x 4 ins., 13 ins. in  
the ground for Cor, to Secs, 2-3-34+35 marked  
with 4 notches on W and 2 notches on E. edges,  
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high  
4 1/2 ft. base. alongside.

Surface level

Soil 3? rate

Scattering Juniper & Cedar



N. By Tp. 14 N. R. 19 E.

chs

S. 89° 40' N. on a true line bet. Secs 31 & 34.

Wa. 1325' E.

Continue to ascend grad.

40.00

Set a Sand stone, 16 x 13 x 6 ins., 11 ins. in the ground for  $\frac{1}{2}$  Sec. Cor, marked  $\frac{1}{2}$  on N. face, dug pits 18 x 18 x 12 ins. E. and W. of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $7\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.

49.00 Top of Ascent & descent grad.

80.00

Set a post  $\frac{1}{2}$  ft. long 4 ins. square, with marked stone 12 ins. in the ground for Cor, to Secs, 3-4-33 & 34 marked T. 15 N S. 34 on N. E. R. 19 E S. 3 on S. E, T. 14 N S 4 on S, W, and S. 33 on N, W, faces with 3 notch  $\epsilon$  on W and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. around post.

Surface rolling

Soil 3? sate

Good grazing

Scattering Juniper & Cedar

N. By Tp. 14 N. R. 19 E.  
chs

S. 8940 N. on a true line bet. Secs. 41 & 33.  
Va. 1345' E.

Over level surface.

40.00

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

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs. 45-32 & 33 marked T15N S. 33 on N. E. R19 E S. 4 on S. E, T14NS 5 on S, W, and S, 32 on N, W, face, with 2 notch es on W and 4 notch es on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. around post.

Surface nearly level.

Soil 3<sup>d</sup> rate

Good grass

Scattering Juniper & Cedar Bush

N. Ry Tp. 14 N. R. 19 E.

Chs

§ 8940 N. on a true line bet. Secs. 5 + 32.

va. 13' 4" E.

descent grad.

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 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. and N. 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.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 5-6-31-32. marked T15 N S. 32 on N. E. R19 E S. 5 on S. E, E14 N S 6 on S. W, and S, 31 on N, W, face, with 1 notch on W and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high. 4  $\frac{1}{2}$  ft. base. around post.

Surface level

Soil 3<sup>d</sup> rate

Good grazing

Scattering brush.



84  
 N. By Tps. 14 N. R. 99 E.  
 Chs

S. 89°40' N. on a true line bet. Secs. 6 + 31.  
 Va. 13°45' E.

24.00 Edge of Bluff brs. N 60° W. + descend abruptly  
 40.00 Set a post 3 ft. long 3 ins. diam with marked  
 stone, 12 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. S. and N. 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.

46.00 Foot of Bluff 100 ft. high brs. N 30° W + enter valley

81.30 The Cor. to Tps. 14 + 15 N. Rs. 18 + 19 E.

Surface rolling

Soil 2<sup>nd</sup> rate

Good grazing

Scattering Brush.

I carefully examined the adjustment  
 of my Salar Compass today, par-  
 ticularly the latitude and reversing  
 apparatus, and found them correct.

June 2<sup>nd</sup> / 1883



E. Boring S. 16 N. R. 19 E.

ohs

From the cor to Sps 15<sup>and 16</sup>  
N. R. 19<sup>and 20</sup> E. recently  
established by me.

I run

North to sec's 31<sup>and 36</sup>

In 13° 30' E

Descend gradually.

40.00 Set a Sand stone, 15 x 11 x 4 ins., 10 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$ . on N  
face, dug pits 18 x 18 x 12 ins. N and 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.

64.00 Begin to descend gradually

80.00 Set a Sandstone 20 x 8 x 1 ins  
15 ins in the ground for  
the cor to sec's 25, 30, 31<sup>and 36</sup>  
marked with 1 notch on  
S and 5 notches on N Edges  
and raised a mound of  
stone alongside pits' unprecise



E. Bdy J. 10 N. R 19 E.

Ch's

Sand. Rolling  
Soil. 8<sup>th</sup> rate. good grass  
Timber. Scattering cedar.

✓

North knees 25<sup>and</sup> 30  
to 139 30' E

Continue to descend

3:16 Cross track 10 lbs mile  
to N. 20° E. and ascend

4000 Set a Sand stone, 17 x 9 x 4 ins., 12 ins.  
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 and N,  
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.

53.00 Top of ridge. Pass E & W and  
descend

80.00 Set a Sandstone 24 x 10 x 6 ins  
18 ins in the ground for the  
cor to sec's 19 24. 25<sup>and</sup> 30.

E. Bdry. T. 16 N. R. 19 E

Chs-

marked with 2 notches on  
S and 4 notches on N Edges  
and raised a mound stone  
alongside. Pits impracticable.  
Sand Rolling  
Soil. good rate. good grazing  
Chisew. Scattering Juniper  
brush.

North Ktee: 19<sup>and</sup> 24

2a 13-30 E

continue to descend

40,00

Set a Sand stone, 14 x 8 x 7 ins., 9 ins.  
in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$ . on N  
face, dug pits 18 x 18 x 12 ins. N and 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.

80,00

Set a Sand stone 16 x 10 x 8 ins., 10 ins. in  
the ground for Cor. to Secs. 13, 18, 19, <sup>24</sup> marked  
with 3 notches on S. and 3 notches on N edges,

E. B. B. G. 16 N. R. 19 E.

chs

dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high. 4½ ft. base. alongside.

Land. Polling  
Soil. 3rd rate Good grass  
Timber - Scattering Juniper  
Bush.

North Pt. Sec's 13<sup>24</sup> 18  
to 130.30' 8

Centurine & descend

40.00 Set a Sand stone, 20 x 8 x 4 ins. 15 ins. in the ground for ¼ Sec, Cor, marked ¼. on N face, dug pits 18 x 18 x 12 ins. N and S of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high. 3½ ft. base. alongside.

54.23 Cross wash 20 lbs mid  
to N 53° E. 175-ft. below  
hill top. - and ascend



E. Bond of 16 N. R 19 E

Chs

80.00 Set a Sand stone  $20 \times 9 \times 4$  ins, 15 ins. in the ground for Cor, to Secs, 7, 12, 13 <sup>4</sup>/<sub>8</sub> 18 marked with 4 notches on S. and 2 notches on W edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Sand. Rolling  
Soil. 3rd rate good grazing  
Timber. Scattering cedar.

North West sec 7 and 12  
to 13<sup>e</sup> 20<sup>e</sup> E  
Ascend gradually.

40.00 Set a Sand stone,  $19 \times 12 \times 6$  ins., 15 ins. in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  on N face, dug pits  $18 \times 18 \times 12$  ins. N and 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.

47.00 Enter Broken mesad land 28 1/2

E. B. Day § 16 N. R. 198.

Chs

80.00 Set a Sand stone  $4 \times 6 \times 3$  ins., 9 ins. in the ground for Cor, to Secs, 1, 6, 7 and 12 marked with 5 notches on S. and 1 notch on N edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Sand. Rolling.  
Soil, 3<sup>rd</sup> rate, good grazing  
Yonkers Scattering juniper

North West 1 and 6.

to  $130^{\circ} 30' E$

Over level land

40.00 Set a Sand stone  $19 \times 12 \times 4$  ins., 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. N and 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.

83.94 Interest 4<sup>th</sup> Standard

S. Body S. 16 N. R. 19. E.

chs

Parallel North, 13.06. chs  
west of the Standard Cor  
to Tps 17 N. R. 19<sup>th</sup> 20 E.  
Set a Sandstone 24+14+5 ins  
19 ins in the ground for the  
closing Cor. to Tps 16 N.  
R. 19<sup>th</sup> 20 E. marked C.C.  
with 6 notches on S. E. <sup>and</sup>  
W. edges. and raised a  
mound. stone alongside.  
This impracticable  
Land Nearly Level.  
Soil. 2nd rate; good grazing

June 20th 1883.



S. Bing T 16 N. R. 19 E.

ch

From the cor to Sp's 15: <sup>and</sup> 6  
N. Rs. 19 <sup>and</sup> 20 E. recently  
established by me D.

I run

West on a true line between 1 <sup>and</sup> 36  
Ta 13° 30' E

Ascend Gradually.

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

76.00 Top of gradual ascent  
and descend gradually. E + W

80.00 Set a Sand stone 19 x 14 x 6 ins. 12 ins. in  
the ground for Cor, to Secs. 1, 2, 3, 5 <sup>and</sup> 36 marked  
with 1 notch on E and 5 notches on Wedges,  
dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft.  
dist. and raised a mound of earth 2 ft. high.  
 $4\frac{1}{2}$  ft. base. alongside.

Sand. Gently Rolling

S. Bing S 1-6 M. R 19 E

chs

Soil. 8<sup>th</sup> rate. good fraguit  
Lumber - Scattering

West on a true line bet sees 2 and 35 -  
Va 13331' E

descend gradually

40.00 Set a Sand stone, 17 x 10 x 6 ins., 11 ins.  
in the ground for  $\frac{1}{4}$  See, Cor, marked  $\frac{1}{4}$ . on N  
face, dug pits 18 x 18 x 12 ins. E and N.  
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.

50.30 Cross sag to N. and ascend  
gradually.

80.00 Set a Sandstone 21 + 13 + 5 ins  
15 ins in the ground for  
the cor to sees 2. 3. 34 and 35 -  
marked with 2 notches  
on E and 4 notches on  
N. edges and raised a mound

S. B. 16 N. R. 19 E

chs

of stone along side.  
 Pits - impracticable  
 Land. Rolling  
 Soil. 3<sup>rd</sup> rate. fine grazing.  
 Timber. clumps of Cedar  
 and Juniper.

Went on a true line 2<sup>1</sup>/<sub>2</sub> sec's <sup>3 and 34</sup>  
 on 13° 30' E

Ascend gradually,

30.00 Top of ridge bears N + S. and  
 descends. 100 ft high.

49.00 Set a Sand stone, 17 x 10 x 4 ins., 11 ins.  
 in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$ " on N  
 face, dug pits 18 x 18 x 12 ins.  $\text{\textcircled{E}}$  and  $\text{\textcircled{W}}$ .  
 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.

67.15 Cross wash 15-lbs wide  $\text{\textcircled{E}}$   
 N. and ascend.



S. B. 16 N. R. 19 E

Chs

80.00 Set a Sandstone 24+10+6 ins  
18 ins in the ground for the  
cor to sec 3.4.33 <sup>but</sup> 34.  
marked with 3 nolets on  
E and W. edges, and raised  
a mound stone along side  
P's impracticable.

Sand? Rolling.

Soil: ~~poor~~ rate; good grazing  
Timber - scattered Juniper  
and cedar

West on a true line to sec 4 <sup>and</sup> 33  
Pa 130.30'E

Ascend gradually.

40.00 Set a Sandstone 19+13+4 ins  
12 ins in the ground for  
1/4 sec cor marked 1/4 in  
N face and raised a

S. B. 16 N. R. 19 E

Ch's

60.00 mound stone alongside  
 Pile impracticable?  
 Top of ridge bears N <sup>and S</sup>  
 200 ft. high and descend.

80.00 Set a Sand stone 18 x 18 x 6 ins., 12 ins. in  
 the ground for Cor. to Secs. 4, 5, 32 <sup>and 33</sup> marked  
 with 2 notches on W and 4 notches on E. edges,  
 dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.  
 dist. and raised a mound of earth 2 ft. high,  
 4 1/2 ft. base. alongside.

Land. Rolling

Soil, 3<sup>rd</sup> rate. Good grazing  
 cedar brush.

West on a true line bet. sec's 5 <sup>and 32</sup>  
 S. 139. 30 E.

Descend. Naturally.

40.00 Set a Sand stone, 16 x 10 x 6 ins., 11 ins.  
 in the ground for 1/2 Sec, Cor, marked 1/2 on N  
 face, dug pits 18 x 18 x 12 ins. S and W

S. Bond J. 16 N. R. 19 E

chs

of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft, high. 3 1/2 ft. base. alongside.

80.00

Set a Sand stone 20x12x8 ins, 15 ins. in the ground for Cor. to Secs. 5:6:31 <sup>9</sup>/<sub>4</sub> 32 marked with a notch on W and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. alongside.

Land Rolling  
Soil. 800 yds. good grazing

Nest on a tree line bet sec's 6 and 31  
Va 13° 30' E

Nesced gradually.

40.00

Set a Sand stone, 20 x 18 x 4 ins., 15 ins. in the ground for 1/2 Sec, Cor, marked 1/2. on N face, dug pits 18 x 18 x 12 ins. E and 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.



S. Brin T<sup>h</sup> 16 N. R. 19 E.

Chs

78.56

(allowing for convergence)  
 Set a Sandstone 28 x 10 x 4 ins  
 21 ins in the ground for  
 the con to T<sup>h</sup> 15<sup>th</sup> 16. N.  
 R's 18<sup>th</sup> 19 E. marked with  
 6 notches on each edge.  
 and raised a mound stone  
 alongside. Soil impracticable  
 Sand Rolling  
 Soil: 8<sup>th</sup> rate. good grazing  
 Quarts Scattering Juniper  
 June 21<sup>st</sup>, 1883.

N. B. J. 16 N. R. 19 E.

Chs

From the cor to Sp's 15<sup>th</sup> <sup>MA 16</sup>  
N. R. 18<sup>th</sup> 19 E. recently  
established by me &  
I run

North Intsec's at <sup>dup</sup> 36.

2a 13° 30' E

Descend Gradually.

40,00 Set a Sand stone, 18 x 12 x 6 ins., 12 ins.  
in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$ . on W  
face, dug pits 18 x 18 x 12 ins. N and 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.  
and ascend

80,00 Set a post 4 ft. long 4 ins. square, with marked  
stone, 12 ins, in the ground for Cor, to Secs,  
25° 30' 31<sup>th</sup> 32<sup>th</sup> marked T. 16 N S. 30 on  
N. E. R. 19 E. S. 21. on S. E. R. 18° S. 31 on  
S, W, and S, 25 on N, W, face, with 1 notch  
on S, and 6 notches on N. edges, dug  
pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.  
and raised a mound of earth 2 ft, high. 4 $\frac{1}{2}$  ft.  
base. around post.

W. B. 104 T. 16 N. R. 19 E.

Ch's

Land Rolling.

Soil: 3<sup>rd</sup> rate. good grazing.  
Timber. Some brush

North pt sec's 25-<sup>94</sup>30

Loc 14<sup>00</sup> E

Ascend.

13:50 Top of Spurs to N.W. 31 ft high  
and descend.

40.00 Set a Sand stone, 14 x 8 x 4 ins. 9 ins.  
in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  W  
face, dug pits 18 x 18 x 12 ins. W and 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.

80.00 Set a Sandstone 20+20+6 1/5 ms  
in the ground. for the cor  
to sec's 19, 24, 25 and 20,  
marked, with 2 notches on  
S. and 4 notches on N edges



W. B. J. 16 N. R 19 8

Chs

and raised a mound of  
stone along side. This  
impracticable.

Land Rolling

Soil. 3<sup>rd</sup> rate. Good Grazing  
Strikes Brakes.

North Mees 19<sup>and</sup> 24

To 130.45' C

Descend

19.75

cross track to N.W. and  
ascend.

40.00

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

80.00

Set a post 4 ft. long 4 ins. square, with marked  
stone, 12 ins, in the ground, for Cor, to Secs,  
13, 18, 19<sup>and</sup> 24 marked T. 16 N S. 18 on

N. Bdry 1/16 N. R 19 E.

Chs

N. E. R. 19 E S. 19 on S. E, R 18 E S 27 on S, W, and S. 13 on N, W, face, with 3 notches on S, and 3 notches on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft, high. 4 1/2 ft. base. around post.

Land. Rolling.

Soil. 3<sup>rd</sup> rate. (sandy)

Good grazing

Timber. brush in places

North pt-sec 13 and 18

on 13, 45' E

ascend

19.00

Top of ridge 50 ft high bears N. 70° E.

40.00

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

N. B. 19 S. 16 N. R. 19

chs

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 7.12.15<sup>2</sup>418 marked T. 1620 S. 7 on N. E. R. 198 S. 18 on S. E, R. 182513 on S, W, and S, 12 on N, W, face, with 4 notches on S, and 2 notches on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft, high. 4½ ft. base. around post.

Land. Rolling good farming soil; 2<sup>nd</sup> & 3<sup>rd</sup> rate. (sandy)

North trees 7<sup>and</sup> 12  
Ta 13° 45' E

Assend

19.00 Top of ridge. 50 ft high bars  
N. 70° E.

40.00 Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for ¼ Sec, Cor, marked ¼ S. on W face, dug pits 18 x 18 x 12 ins. N and S of post 5½ ft. dist. and raised



N. Big 316 N. R 19 E.

chs

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

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 1, 6, 7 <sup>and</sup> 12 marked T. 16 N. S. 6 on N. E. R. 198 S. 7 on S. E. R 18 E. 12 on S, W, and S, 1 on N, W, face, with 5' notch es on S, and 1 notch on N edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. around post.

Land Rolling, good grazing  
Soil, 2<sup>nd</sup> & 3<sup>rd</sup> rate.  
Timber. Scattered brush.

North to Secs 1 and 6.

Va 14°, E.

Ascend gradually.

37.00

Cross wash to the north  
N. N. and ascend.

W. Bisy. T. 16 N. R 19 E.

chs

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

88.47 Intersect 4<sup>th</sup> Standard Parallel. North, 13.64 chs west of the Standard Cor to Tps 17 N. Rs 18<sup>and</sup> 19 E. Set a Post  $4\frac{1}{2}$  ft. long 4 ins square, with marked stone 12 ins in the ground for the closing cor to Tps 16 N. Rs 18<sup>and</sup> 19 E. marked C.C. of 16 N. on S. R. 19 E. S. 6 on E. and R. 18 E. S. 1. on N. faces. with 6 notches on S. E<sup>and</sup> N. face dug pits - 24 + 18 + 12 ins, cross-wise on each line S. E<sup>and</sup> N

W. Bldg S. 16 N. R. 19 E.

ch.

of post 6 ft dia; and raised  
a mound of earth  $2\frac{1}{2}$  ft  
high, 5 ft base around  
post.

Land. Rolling

Soil: ~~moderate~~

Timber: Brush in places

June 21<sup>st</sup> 1883



E. Bony S. 17 N. R. 17 E.

Chs

From the Standard Cor to  
Tps 17 N. R. 17 <sup>and</sup> 18 Con 4<sup>th</sup> Standard  
recently established by  
me. I run North on a  
random line bet said  
Tps setting temporary  
half mile and mile corners  
at each 40 <sup>and</sup> 80 chains  
and at 479.00 chs interest  
1.09 chs East of the cor to  
Tps 17 <sup>and</sup> 18 N. R. 17 <sup>and</sup> 18 E.  
which is

A Post 4 ft. long 4 in square  
set firmly in a mound of earth  
properly marked and related  
with pits dug crosswise on line  
off dist and mound of earth raised around post.

Thence I run

S<sup>o</sup>. 08' E bet secs 1 <sup>and</sup> 6

to 13:40 E

E B 54 J. 17 N. R 17 E

Ch

descent gradually.

39.00 Set a Sand stone,  $19 \times 9 \times 4$  ins., 10 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. N and 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.

79.00 Set a Sand stone  $14 \times 8 \times 5$  ins, 9 ins. in the ground for Cor, to Secs. 16-7 $\frac{2}{3}$ /13 marked with 5 notches on S. and 1 notch on N edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Sand. Nearly level  
Soil. 8<sup>th</sup> rate.  
Some scattering Juniper.

S<sup>0</sup>. 05' E. on a true line  
bet sec's 7 and 12.

Pa 139 45' E

I Bicy S. 17 N. R. 17 E.

chs

Descent

8,61 Cross Cottonwood wash 25-  
lks rise to N. 63° W. and  
ascend gradually.

40,00 Set a post 3 ft. long 3 ins. 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 and S of post 5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around  
post.

53,80 Top of low spur 40 ft  
high bears 8 <sup>up</sup> W. and  
descend.

80,00 Set a Sand stone 22 10 4 ins. 17 ins. in  
the ground for Cor, to Secs, 7, 12, 13 <sup>2</sup>/<sub>4</sub> 18 marked  
with 4 notches on S. and 2 notches on W edges,  
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high.  
4 1/2 ft. base. alongside.

Sand. Rolling  
Soil. 800. no little grass



E. Big J. 17 N. R. 17 E.

chs

- |       |                                                                                                                                                                   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p>So. 8' E on a true line bet<br/>Secs 13<sup>rd</sup> &amp; 18</p> <p>to 13.45' E</p>                                                                           |
| 6.88  | To a point 1.18 chs east<br>of corral.                                                                                                                            |
| 13.45 | Cottonwood Creek 23 chs<br>wide to N. 8° E. and ascend                                                                                                            |
| 31.20 | Water bank has met,<br>68 chs.                                                                                                                                    |
| 37.40 | Cross Cottonwood Creek<br>to N. 7° W. and ascend                                                                                                                  |
| 40.00 | Set a Sandstone 24 + 10 + 4 in<br>18 ins in the ground for<br>1/4 sec cor. marked 1/4 on<br>N. face. and raised a<br>mound stone alongside<br>Dis. impracticable. |
| 66.48 | Corral has met 1.65 chs                                                                                                                                           |
| 80.00 | Set a Sand stone 22 x 10 x 4 ins, 17 ins. in<br>the ground for Cor. to Secs, 13, 18, 19 <sup>th</sup> marked<br>with 3 notches on S. and 3 notches on N. edges.   |

E. B. J. 17 N. R. 17 E

chs

dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Land Rolling

Soil, 3<sup>rd</sup> rate some grass  
Trites. Scattering Juniper

S. 08° E on a true line bet sec's 19 & 24  
D. 13:45 E

Ascend

16.00 Top of Spear 43 ft high bars  
N. 38° W. and descend

26.40 Cross road 20 lbs with lbs  
N. 53° W. and ascend

40.00 Set a Sandstone 21 + 16 + 9 ins  
18 ins in the ground for 1/4  
sec cor marked 1/4 on  
N. face, and raised a  
mound of stone alongside

E. B. W. J. 17 N. R. 17 E.

Chis

Pile's impracticable.

63.25 Cross rocky wash 20 lbs mid  
Co N. 50° E.80.00 Set a Sandstone 23 + 8 + 4 ins  
18 ins in the ground for the  
cor to sea's 19. 24. 25, and 30.  
marked, with 2 notches on  
S. and 4 notches on N. edges.  
and raised a mound stone  
alongside. Pile's impracticable  
Sand. Rough <sup>and</sup> Rocky.  
Soil. good rate. poor base  
Some scattering Juniper.S 0° 05' E on a true line 1st  
see 25-<sup>and</sup> 30.

Ta 13° 45' E

Ascend gradually.

27.00 Cross wash 20 lbs mid Co N 10° W.



E. Bldg. J. 17 N. R. 17 E.

chs

40.00 Set a Sandstone 20+1678<sup>ms</sup>  
 15 ins in the ground for 1/4  
 sec cor marked 1/4 m  
 N. face and raised a  
 mound stone alongside  
 Pils impracticable.

80.00 Set a Sandstone 22+146<sup>ms</sup>  
 16 ins in the ground for  
 the cor to sec's 25:30-31 <sup>ms</sup> 36  
 marked with 5 notches on N  
 and 1 notch on S edges and  
 raised a mound stone alongside  
 Pils impracticable.

Land Broken <sup>ms</sup> Rocky  
 Soil; 3<sup>rd</sup> Rate, little grass  
 Timber Scattered Juniper

E. B. 17 N. R. 17 E.

do

S. 8° E on a true line let-see  
31 <sup>and</sup> 26. Ja 13° 45' E  
Ascend

40.00 Set a Sandstone 16+12+5' in  
11' in the ground for 1/4  
see cor marked. 1/4 on N  
face, and raised a mound  
of stone alongside. Pistonip-  
racted 6.

62.00 Top of ridge 935 ft high  
face N 64° N. and descend.

80.00 To Standard Cor to Sp's  
17 N. R. 17 <sup>and</sup> 18 E.  
Land Broken <sup>and</sup> rocky.  
Soil, ~~not~~ water, some grass.

June 26th 1883.

M. Bony T 17 N. R 17 E

From the Standard Cord  
 to Tps 17 N. R's 16<sup>and</sup> 17  
 E. recently established  
 by me. I run North on  
 a random line to the said  
 Tps. the variation of my  
 Compass being 14° E. I  
 set temporary half-mile  
 and mile cor's at each  
 40<sup>and</sup> 80 chas and at 478.25  
 chs intersect 290 lks east  
 of the cor to Tps 17<sup>and</sup> 18  
 N. R's 16<sup>and</sup> 17 E. which is  
 a Post 4 ft long 4 ins square  
 set firmly in a mound of earth  
 properly marked and notched  
 with pole-dug crosswise on  
 each line, 6 ft dist and mound  
 of earth raised around post



W. Bony J. 17 N. R 17 E.

Hence down.

S<sup>o</sup>: 21' E. on a true line bet sees 1 and 6  
 or 14' East

Descend gradually.

38.25 Set a Sand stone, 14 x 8 x 5-ins., 9 ins  
 in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  on W  
 face, dug pits 18 x 18 x 12 ins. N and 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.

42.44 Cross road 20 lbs m<sup>ss</sup>  
 to E <sup>9</sup> ascend.

78.25 Set a Sand stone 18 x 11 x 5 ins., 12 ins. in  
 the ground for Cor, to Secs. 1, 6, 7 <sup>and</sup> 12 marked  
 with 6' notes on S. and 1 notch on N edges,  
 dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft.  
 dist. and raised a mound of earth 2 ft. high,  
 4 $\frac{1}{2}$  ft. base. alongside.

Land Rolling good grazing  
 Soil good rate.

N. B. J. 17 N. R. 17 E.

chis

S<sup>0</sup>:21'E on a true line at sec 7<sup>9</sup>/<sub>12</sub>  
 Ia 14:40'E

Ascend gradually.

40.00 Set a sandstone 22+13+5 in

17 in in the ground for 1/4 sec  
 cor marked 14 on N. face  
 and raised a mound of stone  
 along side. Pl. impracticable

74.42 Cross wash 10 lbs wide to N 88°  
 E. and continue to ascend.

80.00 Set a sandstone 22+14+4 in

17 in in the ground for the  
 cor to sec 7.12.13 and 18  
 marked with 2 notches  
 on N. and 4 notches on S  
 edges, dug pits 18+18+12 in  
 in each sec 5 1/2 ft dist  
 and raised a mound of  
 earth 2 ft high 4 1/2 ft  
 base along side.

N. B. J. 17 N. R. 17 E

dis

Land Rolling: good grazing  
Soil. 5<sup>th</sup> rate.

Open country.

S 0° 21' E on a true line bet.  
secs 13 <sup>and</sup> 18.

To 14° 30' E

Ascends gradually.

40,00 Set a Sand stone 19 x 13 x 5 ins. 12 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N  
face, dug pits 18 x 18 x 12 ins. N and 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.

80,00 Set a Sand stone 6 x 8 x 6 ins, 11 ins. in  
the ground for Cor, to Secs, 13, 18, 19 <sup>and</sup> marked  
with 3 notches on S. and 3 notches on N edges,  
dug pits 18 x 15 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft.  
dist. and raised a mound of earth 2 ft. high.  
4 $\frac{1}{2}$  ft. base. alongside.



N. B. Day J. 17 N. R. 17 E

chis

Land Rolling  
Soil; 3<sup>rd</sup> rate, fine grazing

S. 0° 21' E on a true line 14 sec's  
19<sup>24</sup> 24.

In 14° 45' E

Ascend gradually.

39.90 Cross wash 15 lbs ridge to  
N. 60° E. and ascend

40.00 Set a Sandstone 20 + 8 + 6 in  
15' in in the ground for 1/4  
see cor. marked 1/4 N  
face and raised a mound  
of stone alongside.  
Pils impracticable.

80.00 Set a Limestone 18 + 10 + 6 in  
12' in in the ground for the  
cor to sec's. 19. 24 25<sup>24</sup> 30  
marked with 4 notes on

N Bdy T. 17 N. R 17 E

cho

N. and S. 2 notches on S. edges  
and raised a mound of  
stone alongside. Pits  
impracticable.

Land Rolling, good grazing  
Soil, 2<sup>nd</sup> rate, Open  
country

S 0° 21' E on a true line at  
cees 25<sup>and</sup> 30.

To 14° 45' E

Ascend gradually.

16.00

Top of spur 40 ft high.

bear N 60° E. and descend  
gradually.

23.40

Cross wash 10 lbs wide be N 60° E  
and ascend.

40.00

Set a lime stone, 16 x 8 x 6 ins., 10 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$ . on N  
face, dug pits 18 x 18 x 12 ins. N and S

N Biny T 17 N. R 17 8

chs

- of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. alongside.
- 38.00 Top of spur 25 ft high  
bears N. 60° E <sup>and</sup> descends
- 67.25 Cross wash 6 lbs with 8 lbs.  
N 60° E. and ascends
- 80.00 Set a lime stone 16 x 8 x 6 ins. 10 ins. in  
the ground for Cor. to Secs, 25:30-31 <sup>and</sup> 36 marked  
with notch on S. and 6 notches on N edges,  
dug pits 18 x 12 x 12 ins. in each. Sec., 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high.  
4 1/2 ft. base. alongside.

Land Rolling <sup>and</sup> Rocky.  
Soil; 8<sup>th</sup> rate, good grass

S 0° 21' E on a true line bet-  
secs 31 <sup>and</sup> 36.

to 14° 45' E

Ascend gradually



W. B. B. J. 17 N. R. 17 C.

Chs

4000 Set a Limestone 24+12+6 in  
18 in in the ground for  
14 sec cor marked 14 on  
N. face and raised a  
ground of stone along side  
Pb - impermeable

80.00 To Standard less to Jps  
17. N. R. 16 and 17 C.

Land Rolling, good grazing  
Soil; 3<sup>rd</sup> rate. open country

Retracing S. B. T. 18 N. R. 17 East

Chs

From the cor to Sp's 17 and 18  
N. R's 17 and 18 E. previously  
described by me.

Intertrace

West on S B dny see 36

va 13° 45' E

37.40 Cross wash 20 lbs wide to N 20° W. and across

40.58 Top of a point - 16 lbs N of old  
1/4 sec cor. which is a post  
4 ins square properly marked  
with pits dug E & W of post and  
mound of earth raised around  
same

60.17 Top of ridge bears N and S 120 ft  
high and descend.

80.60 To a point - 30 lbs N of cor  
to sees 35-36, 2 and 2, which  
is a Sandstone 1843 & 6. set  
firmly in the ground, with  
pits dug in each see and

Retracing S. B. T 18 N R 17 East

chs

mound of earth raised  
 along side.  
 Land Rolling.  
 Soil, 2<sup>nd</sup> rate, good. Grass

Next on S. B see 35-

20 14.008

40.20 Ascends gradually to  
 To a point 43 lbs N. of 1/4 sec  
 cor. which is a post 4 ins  
 square firmly set in the ground  
 with pits dug E. & W. of same 3  
 ft dist. and mound of raised  
 around post.

80.00 Failing to find any cor. I  
 established a new one in the  
 following manner:

Set a post 4 ft. long 4 ins. sqare, with marked  
 stone, 12 ins. in the ground for Cor, to Secs,

2.3.34 <sup>and</sup> 35 - 18 N. S 35 - on





## Retracing S.P. 718. N. R. 17 E.

Chs

56.30 To east edge of canon below  
280 ft deep. from this point I  
measure a right angle base  
of 4.00 chs South, and  
from here, to a point on  
opposite side of canon  
bearing N.  $63^{\circ}15'$  W. which  
by calculation gives  
7.93 chs for distance across  
canon.

64.25 Leave Canon and ascend  
gradually,  
73.00 Top of Spur bears N  $28^{\circ}$  East  
high and descend  
80.28 To a point, 71 chs N. of corals  
see S. 4. 33 and 34. which is a  
Sandstone & 2+12 ins fossils  
set in the ground, and  
properly notched, with  
pils dug in each see 6 1/2 ft.

## Retracing S. B. 518 N. R 17 E.

Chs

dist and mound of earth  
raised alongside.  
Land rolling hills.  
Soil good soil.  
Some timber along canon.

West on S B by sec 73.  
In 13°. 45° E

Descend.

6.20 Cross road 20 lbs N 60  
N 31° E. and ascend

40.20 To a point 18 lbs N. of 74 See  
cor which is a Sandstone  
17+8+8 in's firmly set in the  
ground and properly  
marked with pits dug  
S & W of stone 5 1/2 ft. dist.  
and mound of earth raised  
alongside.



## Retracing S. Boy J. 18 N. R 17 E

Chs

80.46

To a point 24 lks N. of  
 cor to sees 4, 5, 32<sup>and</sup> 33. which  
 is a post 4 in square  
 firmly set in the ground  
 properly marked and  
 notched, with pits  
 dug in each see 5' 1/2  
 ft dist and mound  
 of earth raised around  
 post.

Land, Rolling, sloping  
 gradually towards the east  
 Soil, 3<sup>rd</sup> class, little grass

Next on S. Boy see 32

In 13° 45' E

continue to ascend

40.15-

To a point 4. lks N of old  
 1/4 sec cor, which is a

Retaining S. B. 7/1871. P. 17 E

Ch's

Sandstone 18+10 in set.  
 firmly in the <sup>ground</sup> and properly  
 marked with pins dug E. N. W.  
 of stone 5 1/2 ft. dist. and mound  
 of earth raised along side  
 80.70 To a point 45 lbs. N of cor  
 to sec 36, 31 <sup>9/11</sup> 32, which  
 is a post 4 ins square, set  
 firmly in the ground properly  
 marked and notched.  
 with pins dug in each sec  
 5 1/2 ft. dist. and mound  
 of earth raised around  
 post.  
 Sand Slopes to the east.  
 Soil. 3<sup>rd</sup> rate. good pass.

Retracing S. B. to Sp. 18 N. R. 17 E

Chs

West on S. B. See 31

to 13° 45' E

Continue to ascend?

40.10

To a point 45 lbs N of sec  
 cor. which is a sandstone  
 12+8 in. firmly set in the  
 ground. For 1/4 sec cor  
 marked 1/4 on N. face and  
 mound of earth raised  
 as shown on R.

80.42

To a point - 29 lbs N of cor  
 to Sp's 17<sup>and</sup> 18 N. R's 16<sup>and</sup>  
 17 E. recently described  
 by me.

Land. Rolling slopes gradually  
 to the east.

Soil. good water. Good grass.  
 Scattering Juniper trees

June 27<sup>th</sup> / 1883



Retracing S. B. T. 1871. R 17 C.

chs

<sup>14</sup>The final oaths see  
Book No 13.

U. S. Surveyor General's Office,

Tucson, Arizona, July 17, 1884.

The foregoing Field Notes of the Survey of the  
Outer Lines of T. 12 N. R. 20 & 22 E.  
Sp. 13 N. R. 19 & 20 E. T. 14 N. R. 19 & 20 E.  
T. 15 N. R. 20 E. T. 16 N. R. 19 E. T. 17 N.  
R. 17 E. and re-tracing of S. B. T. 18  
N. R. 17 E.

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

Deputy Surveyor, under his contract of the Seventh  
day of August, 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.

Royal L. Johnson  
Surveyor General.