

254

1254

BOOK 1254

BOOK 1254

F I E L D N O T E S
O F T H E S U R V E Y O F
T H E E X T E R I O R L I N E S O F

Ts. 18 & 19 N., R. 15 E.,
T. 20 N., Rs. 14 & 15 E.,
T. 21 N., Rs. 15, 16 & 17 E.,
T. 22 N., Rs. 15, 16 & 17 E.,
T. 23 N., Rs. 15, 16 & 17 E.,
T. 24 N., Rs. 15, 16 & 17 E.

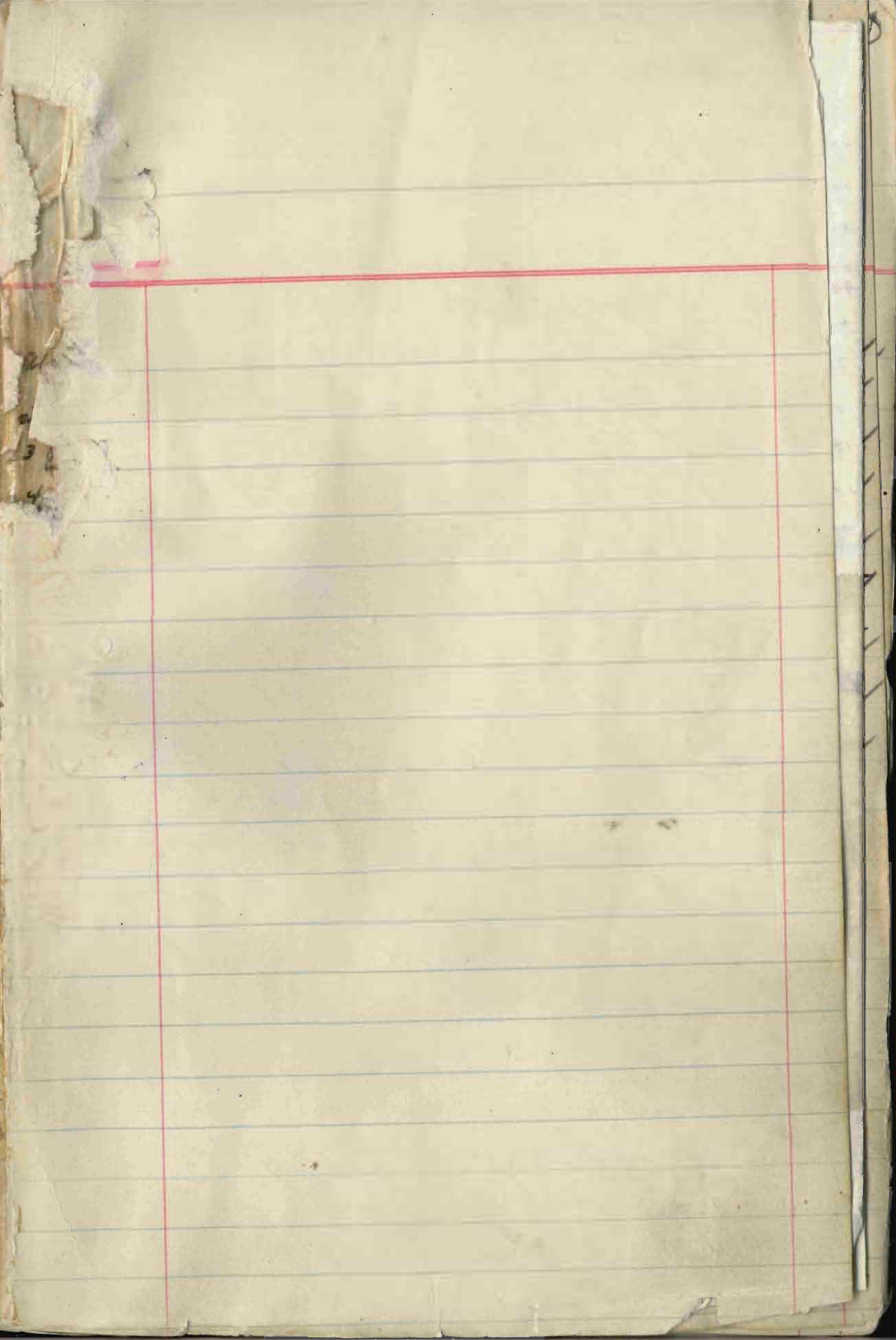
Gila and Salt River Base and
Meridian,

ARIZONA.

By O. D. Wheeler, D. S., under
Contract dated Aug. 5, 1882.
Survey commenced Sept. 25, 1882.
Survey completed Oct. 17, 1882.

Survey commenced.
 Sept. 20 completed Oct
 1812.

For description of	1.8
instrument.	
and preliminary	24
rather see book!	



Index to Extraneous

1254

1	✓ S. B. J. 18 dt. R. 16 E.	15
2	✓ E. B. J. 18 dt. R. 15 E.	8
3	✓ S. B. J. 19 dt. R. 15 E.	16
4	✓ M. B. J. 19 dt. R. 15 E.	24
5	✓ S. B. J. 20 dt. R. 14 E.	32
6	✓ E. B. J. 20 dt. R. 13 E.	40
7	✓ E. B. J. 20 dt. R. 14 E.	49
8	✓ S. B. J. 20 dt. R. 15 E.	60
9	✓ E. B. J. 21 dt. R. 17 E.	68
10	✓ S. B. J. 22 dt. R. 17 E.	78
11	✓ E. B. J. 22 dt. R. 17 E.	87
12	✓ S. B. J. 23 dt. R. 17 E.	99
13	✓ E. B. J. 23 dt. R. 17 E.	108
14	✓ S. B. J. 24 dt. R. 17 E.	119
15	✓ E. B. J. 24 dt. R. 17 E.	121
16	✓ E. B. J. 21 dt. R. 15 E.	142
17	✓ S. B. J. 22 dt. R. 16 E.	150
18	✓ E. B. J. 22 dt. R. 15 E.	160
19	✓ S. B. J. 23 dt. R. 16 E.	169
	✓ E. B. J. 23 dt. R. 15 E.	182

Index to Extensions

Page

21	S. B. J. 24 dt. R. 16 E.	✓	193 to 204	✓
22	E. B. J. 24 dt. R. 15 E.	✓	204 " 216	✓
23	E. B. J. 21 dt. R. 14 E.	✓	216 " 228	✓
24	E. B. J. 22 dt. R. 15 E.	✓	228 " 240	✓
25	E. B. J. 22 dt. R. 14 E.	✓	240 " 254	✓
26	E. B. J. 23 dt. R. 15 E.	✓	254 " 265	✓
27	E. B. J. 23 dt. R. 14 E.	✓	265 " 275	✓
28	S. B. J. 24 dt. R. 15 E.	✓	275 " 284	✓
29	N. B. J. 24 dt. R. 15 E.	✓	285 " 297	✓



BOOK 1254

294 1 6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1 139
 293 12 7 12 7 12 7 137
 291 13 18 13 18 209 136
 289 T. 24 N. R. 15 E. 208 T. 24 N. R. 16 E. 13 18 T. 24 N. R. 17 E. 13 18 134
 24 19 24 19 24 19 24 19 132
 287 205 25 30 25 30 131
 285 204 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 131

285 282 250 278 277 275 263 201 199 197 196 193 119 122 124 126 129 129 116
 273 1 6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1 115
 271 12 7 12 7 12 7 113
 270 13 18 13 18 13 18 111
 268 T. 23 N. R. 15 E. 185 T. 23 N. R. 16 E. 13 18 T. 23 N. R. 17 E. 13 18
 24 19 24 19 24 19 24 19 109
 267 184 25 30 25 30 25 30 108

265 182 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 108
 262 261 260 259 258 254 179 179 178 178 171 169 99 101 162 163 164 106
 251 1 6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1 1966
 249 165 12 7 12 7 12947
 247 164 13 18 13 18 T. 22 N. R. 15 E. 13 18 T. 22 N. R. 16 E. 13 18 T. 22 N. R. 17 E. 13 18 139318
 244 163 24 19 24 19 249119
 242 181 25 30 25 30 25930
 241 160 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32931

239 286 234 233 230 228 158 157 155 153 152 150 78 80 81 82 84 85
 2 23 1 6 5 4 3 2 1 6 5 4 3 2 1 6 5 4 3 2 1 1756
 224 147 12 7 12 7 12747
 222 146 13 18 13 18 T. 21 N. R. 15 E. 13 18 T. 21 N. R. 16 E. 13 18 T. 21 N. R. 17 E. 13 18 137213
 220 144 24 19 24 19 249019
 218 143 25 30 25 30 256930
 216 142 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32931

446 5 4 3 2 156 5 4 3 2 1 8 5 4 3 2 1 1 5 4 3 2 1 6
 457 12557 12 7
 4319 T. 20 N. R. 14 E. 1353 13 18 T. 20 N. R. 15 E. 13 18
 4219 2452 19 24 19
 4100 2551 30 25 30
 4031 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32931
 37 36 35 34 33 32 66 65 64 63 62 60
 6 5 4 3 2 130 5 4 3 2 1 6
 12197 12 7
 19278 T. 19 N. R. 15 E. 13 18
 242419 24 19
 20350 25 30
 22431 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32931
 22 21 20 18 17 16
 1 6 5 4 3 2 196
 12 7 12107
 13 15 T. 18 N. R. 15 E. 14 T. 18 N. R. 16 E. 13 18
 24 19 241299
 25 30 251330
 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32931

BOOK 1254

BOOK 1254

5th St. Far. N.

No. 1254

BOOK 1254

B. J. 18 St. R. 16 E.

ins

From the Cor. to Tps.
17 and 18 St. R. 16 and
17 E. which is a
post 4 ins. sq. firmly
set in a mound
of earth marked
T. 18 St. S. 31 on N. E.
R. 17 E. S. 6 on S. E.
T. 17 St. S. 1 on S. St.
and R. 16 E. S. 34.
on S. St. face. with
4 notches on each edge
and fits 24x18x12 ins.
on line of S. E. and N.
of post. 6 ft. dia.
In rim N. St. St.
S. 1 and 26
Va. 140 E.

Record

12 Enter book table land

1A

J. R. J. 1871. R. 16 E.

Chains

40.00

Set a sand stone, 19 x 14 x 6 ins., 12 ins. in the ground for 1/2 Sec, Cor, marked 1/2 on SW 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.

51.00

Set a sand stone, 6 x 2 x 4 ins., 11 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 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 2nd. val. x
Good grass

Must bet. Secs. 2 and 35
Ta. 14° E.

Over almost level surface

40.00

Set a sand stone, 17 x 9 x 4 ins., 12 ins. in the ground for 1/2 Sec, Cor, marked 1/2 on SW 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

S. B. T. 18 A. Q. 16 E.

Chains

1000
 1 1/2 ft. high 3 1/2 ft. base alongside
 Set a sand stone 2 1/2 x 1 1/2 x 5 ins., 15 ins. in
 the ground for Cor. to Secs. 2-3-34-35 marked
 with 4 notch on W. and 2 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. alongside.

Surface almost level
 Soil sub. rate
 Good grass

Met pt. Sec. 8 and 34
 Va. 140 E.

310
 Over level land
 Low sag W. A. 150 E.
 and mound

4000
 Set a sand stone, 8 x 2 x 5 ins., 12 ins.
 in the ground for 1/2 Sec, Cor, marked 1/2 on A.
 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. P. J. 18 N. P. 16 E.

Chains

70.70 Top of divide bet. N. 24°
N. of 280 ft. above
S. Cor. and
descend gradually

80.00 Set a round stone $6\frac{1}{2} \times 4\frac{1}{2}$ ins., 11 ins. in
the ground for Cor. to Secs. 24-33-34 marked
with 3 notch on W. and 3 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. alongside.

Surface rolling
Soil red. rot
good grass

Mud bet. Secs. 4 and 33
Va. 14° E.

11.80 Descend gradually
through rocky wash
10 bu to wide to
N. and ascend

S. O. T. 18 N. R. 16 E.

Chains

- 24.00 Enter level flat.
- 4.00 Set a saw hole tree 17x
10x5 ins. 12 ins. in the
ground for "4 Sec. Cor.
marked "4 on N.
face and raised a
mound of stone ~~plugs~~
Pits ~~unpracticable~~
- 7.00 Set a ~~small~~ stone 6x9x6 ins. 11 ins. in
the ground for Cor. to Secs. 4-5-32-33 marked
with 2 notch 10 on N. and 4 notch 10 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. alongside.

Surface level and rocky
Soil 3rd. rate
Good grass.
Some Juniper trees
West bet. Secs. 5 and 32
Pa. 14° E.

S. B. J. 18 Cr. R. 16 E

Chains

Yron level land

40.00

Set a sand stone, $15 \times 7 \times 6$ ins., 10 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on Cr. 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.

8.00

Set a sand stone $4 \times 4 \times 7$ ins., 9 ins. in the ground for Cor, to Secs, 27-31-32 marked with / notch on N and 5 notches 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 level and rocky

Soft Erd. rate

Grass fair

Met. pit. Sec. 6 and 31

Ta. $14^{\circ} 16' E$.

Over level land

BOOK 1254

S. Q. S. 18 N. Q. 16 E.

Chains

4000

Set a sand stone $15 \times 9 \times 4$ ins. 12 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ S on face, dug pits $18 \times 18 \times 12$ 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.

7949

allowing for convergency
Set a sand stone 15×4 ins. 12 ins. in the ground for Cor. to T₁₀, 17 and 18 N. Q. 15 and 16 E. marked with 4 notches on each edge and raised a mound of stone alongside
Pit - unpracticable
Surface level and rocky
Roll. 3rd. rate
Fair grass

Sept. 25th 1882

E. B. J. 18 N. R. 10-E.

Chains

From the Cor. to Tpa
 17 and 18 N. R. 10 and
 16 E. which was just
 established by me. I run
 North on a random
 line bet. said R. with
 a variation of $140^{\circ}15'E$.
 setting temporary 4 and
 50. Cor. at every
 40 and 80 Chains, and
 at 479.60 Chains, arrive
 at a point 55 links
 E. of the Cor. to Tpa.
 18 and 19 N. R. 10 and 16
 E. which is a post.
 4 ins. sq. firmly set in
 a mound of earth
 recently re-established
 by me. Thence I run

E. @ J. 18 or. "R. 10 E.

Chains

S. 41° E. on a true line
bet. Secs. 1 and 6
Va. 13° 45' E.

ascend.

3000 Top of ridge bet. Cr. 50° E.
and descend

39.00 Set a sandstone 21 x 10 x 6
ins. 15 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 on N. face, and
raised a mound of
stone alongside

Dike impracticable

73.70 Cross with 30 links wide
Co. Cr. 70° E. and ascend

76.00 Cross road bet. S. 60° N.

79.00 Set a sand stone 24 x 6 x 6 ins. / 6 ins. in
the ground for Cor. to Secs. 1, 6, 7 and 12 marked
with 5 notch 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.

E. Q. J. 18 N. R. 15 E.

Chains

4 $\frac{1}{2}$ ft. base alongside
Surface rolling
Soil 3rd. rate

Good grass

S. 4' E. on a true line
bet. Sec. 7 and 12
Va. 14° 15' E.

40.00 Set a sandstone 20x10x8
ins. 15 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 on N. face and
raised a mound of
stone alongside
Quite impracticable

55.85 Top of ridge bet. N. 30° E.
40 ft. high and descend

80.00 Set a sandstone
30x20x6 ins. 22 ins. in the
ground for 1/4 to Sec.

E. D. J., 18 or R. 15-E.

Chairs

7, 12, 13 and 18 marked
with 4 notches on S.
and 2 notches on N. edge,
and raised a mound of
stone alongside

Pit is impracticable

Surface rolling

Gold ^{2nd} 2nd. rated

Grass good

S 4' E. on a true line
bet. Sec. 13 and 18

Pa. 140 15'E.

13.83 Dry wash 30 links wide
in beam on Co. Cr. 30'E.
and mound

4000 Set a sandstone 30 x 24 x 6
ins. 22 ins. in the ground
for 114 Sec. 13 on marked
114 on N. face, and

E. B. J. 18 N. R. 15 E.

Chairs

raised a mound
of stone along side
of Pit impracticable

66.67 Cross road true N. 44° E.

8000 Set a sandstone 20 x
12 x 10 ins. 15 ins. in
the ground for 60.

to Sec. 13, 18, 19, 24
marked with 3 notches
on N. and E. edges

and raised a mound
of stone alongside
of Pit impracticable

Surface rolling
Soil 2nd. and 3rd. rate
Good grass

S. 4° E. on a true line
bet. Sec. 19 and 24
Va. 14° 18' E.

E. B. J. 15 N. P. 15 E.

Chains

ascend gradually

0.00
 Set a sandstone 23 x
 13 x 6 ins. 17 ins. in the
 ground for 1/4 Sec. Cor.
 marked 1/4 on N face
 and raised a
 mound of stone along
 side Pits impracticable

7.00
 Set a sand stone 15 x 12 x 6 ins. 12 ins. in
 the ground for Cor. to Secs. 1924, 25, 30 marked
 with 2 notches 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.
 4 1/2 ft. base. alongside.

Surface rolling and rocky
 Soil 3rd. rate
 Good grass

S. 4' E. on a true line
 1/4 Sec. 25 and 30
 Va. 140/15' E.

E. B. J. 18 St. R. 10 C,

Chains

ascend

28.84

Top of low ridge bet.
E. and N. 50 ft. high
and descend gradually

4.000

Set a sand stone, 15 x 9 x 8 ins. 12
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on
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.

8.100

Set a lunation 24 x 10 x 6
ins. 16 ins. in the ground
for Cor. to Sec. 20. 31. 31
and 36 marked with
1 notch on S. and 5
notches on N. edge,
and raised a mound
of stone alongside
Pits unfracturable
surface rolling and rocky
Soil 3rd. rate
Poor grass

B. J. 18 or. R. 15 E.

ins

S. 4' E. on a true
line bet. Secs. 31 and 36
Va. $14^{\circ} 15' E.$

Cross cañon 11.5° Ch.
wide Co. N. $56^{\circ} E.$

30 ft. deep and ascend
Set a limestone $28 \times 10 \times 8$
ins. 18 ins. in the ground
for "4 Sec. Cor. marked
"4 on N. face and
raised a mound of
stone along side
Pike impracticable
Top of knoll and
descend

The Cor. to Tpa 17 and 18
or. Co. 15 and 16 E.

Surface rolling and rocky
Soil 3rd. rate poor grass
September 25th 1882

S. B. T. 19 Cr. R. 10-E.

Chains

From the Cor. to Sp. 18 and 19 Cr. R. 10- and 16 E. which was recently re-established by me.
 & run

West pt. Sec 1 and 36

Pa. 10° 45' E.

Descend gradually

4 0.00

Set a sand stone, 19 x 11 x 5 ins. 14 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on Cr. 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.

8 0.00

Set a sandstone 21 x 13 x 4 ins. 15 ins in the ground for Cor. to Sec. 1. 2. 35 and 36 marked with 5 notches on W. and 1 notch on E. edges. and raised a mound

1 B. J. 1901. R. 15 E.

hains

of stone along side
 Pits impracticable
 Surface rolling
 Soil 3rd. rate
Grass fair

West bet. Sec. 2 and 35
 Va. 13040'E.

Descend gradually

21.76 Cross road bet. St. 90'E.

40.00 Set a sandstone 19
 x 10 x 3 ins. 14 ins.

in the ground for

"4 Sec. Cor. marked

"4 on St. face and

raised a mound

of stone alongside

Pits impracticable

46.8 Cross wash 16 links

wide Co. St. 82° N.

S. O. F. 19 St. R. 15 E.

Chassis

8000 and ascend gradually
 Set a sandstone
 26 x 16 x 3 ins. 21 ins.
 in the ground for
 Gr. to S.W. 2, 3, 34
 and 35 marked with
 4 notches on N. and 2
 notches on E. edges and
 raised a mound
 of stone alongside
 Pit: impracticable
 Surface rolling
 Soil 3rd. rate
 Grass fair

West pt. S.W. 3
 and 34

Pa. 13° 45' E.

Ascend

1920 - Cross head of wash

A. B. J. 1901. R. 15 E.

Chairs

14 links wide Co. cr. 70° E.
 Begin to descend gradually
 Set a sandstone $18 \times 10 \times 5$
 ins. 12 ins. in the
 ground for "4" Sec.
 Cor. marked "4"
 on N. face and
 raised a mound
 of stone alongside
 Pit impracticable

Set a sand stone $2 \times 2 \times 3$ ins. 15 ins. in
 the ground for Cor. to Secs. 3, 4, 33, 34 marked
 with 3 notch 100 on W. and 3 notch 100 on E. edges,
 dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.
 high and raised a mound of earth 2 ft. high.
 4 ft. base. alongside.

Surface rolling
 Soil 3rd. rate
 Grass fair

S. B. T. 19 Cr. R. 10-E

Chairs

19.30 West bet. Secs. 4 and 33
Pa. 13045-1/2

ascend gradually
45.00 Descend gradually
Cross sag to N. and
ascend gradually

45.00 Set a sand stone, 24 x 14 x 4 ins, 8 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 N.
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 20 x 30 x 5 ins, 5 ins. in
the ground for Cor, to Secs, 4, 6, 22, 33 marked
with 2 notches on N. 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.

Surface rolling
Soil 3rd. rate
Good grass

A. B. J. 19 Cr. R. 15 E.

Lucas

Not bet. Sec. 5 and 32
Va 13°45'E.

0.17 Round gradually
Top of divide bet.
Cr. and S. 70 ft.
high and down gradually

100 Set a sand stone, 23 x 16 x 5 ins., 16 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on Cr.
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.

8 0.00 Set a sand stone, 6 x 6 x 4 ins., 10 ins. in
the ground for Cor, to Secs. 5, 6, 31 and 32 marked
with / notch on N. and E 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
S. E. End. with
good grass

S. B. T. 19 Cr. R. 15-E.

Chairs

West pt. Sec. 6 and 81

No. 10° 45' E

4 0.00 descend gradually

Set a sandstone, $17 \times 10 \times 7$ ins., 11 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on Cr.
face, dug pits $18 \times 18 \times 12$ 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.

4 7898

Allowing for convergency
Set a sandstone $19 \times 10 \times 4$ ins.
14 ins. in the ground for
Cor. to Tps. 18 and 19
Cr. R. 14 and 15 E. marked
with 6 notches on each edge
dug pits $24 \times 18 \times 12$ ins. length-
wise on each line N. of
E. and W. of stone 6
ft. dist. and raised
a mound of earth
 $2\frac{1}{2}$ ft. high 3 ft. base

S. B. C., 19 St. P., S. E.

Chains

along side
 Surface rolling
 Soil 3rd. rate
 Good grass

September 27th 1882
 I carefully examined
 the adjustments
 of my Solar Com-
 pass to-day par-
 ticularly the latitude
 and never using
 apparatus and found
 them correct.

24
 N. B. J. 19 N. R. 15-E.

Chains

From the Cor. to 18 and 19 N. B. 14 and 15-E. just established by me. Down North to Sec. 31 and 36 Pa. $40^{\circ}45'E$.

Ground gradually Road to N. 65° E.

2.43

33.20

Cross with 14 links wide Co. N. 40° N.

40.00

Set a \odot and stone, $24 \times 16 \times 10$ ins., 8 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N. face dug pits $13 \times 18 \times 12$ ins. N. and S. of wire $7\frac{1}{2}$ ft. dist. and raised a mound of earth 14 ft. high, 34 ft. base, alongside.

50.00

Set a \odot and stone, $9 \times 12 \times 7$ ins., 14 ins. in the ground for Cor, to Secs, 25, 30, 31, 36 marked with / notch on S. and σ 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.

N. O. J. 19 St. R. 15 E.

Chains

Land level

Soil sub. rate

Good grass

North pt. Sec 25 and 30
Va. 3045' E.

Over level land

34.00 Foot of hill hrs.

St. 400' N. and around

4.00 Set a sandstone 24x16x5

ins. 18 ins. in the
ground for 1/4 Sec. Cor.
marked 1/4 on N. face

and raised a mound
of stone alongside
of it impracticable

52.10 Cross rocky spur hrs.

E. and N. and around

8.00 Set a sandstone 24x

15x7 ins. 16 ins. in the

N. O. J. 19 St. R. 15 E.

Chains

ground for Cor. to Sec.
19, 24, 25, and 30
marked with 2 notices
on S. and 4 notices
on N. edge. and
raised a mound
of stone along side
Pits impracticable
Land rolling and level
Soil 3rd. rate

Good grass

North pt. Sec. 19 and 24
Pa. 13° 45' E.

Ground

4000

Set a sandstone 20x12x6
ins. 15 ins. in the
ground for 1/4 Sec.
Cor. marked 1/4
on N. face and

N. B. J. 1904. R. 15-E.

Chains

raised a mound
 of stone alongside
 Pit; impracticable
 80.00 Pit a sandstone 19 x 13 x 6
 14 ins. in the ground
 for Cor. to S.W.

13, 18, 19 and 24 mark-
 ed with - 3 notches on
 S. and N. edges
 and raised a mound
 of stone alongside
 Pit; impracticable
 Surface broken
 Soil 3rd. rate
Good. grass

Storks bet. S.W.
 10 and 18

Pa. 18° 40' E.

D mound.

N. B. J. 19 Cr. R. 15-E.

Chains

- 31.15 Cross wash 14 links
wide Co. Cr. 34°E. and around
- 34.64 to grass road to Cr. 28°E.
- 40.00 Set a sandstone 40x12x5
ins. 30 ins. in the ground
for "4 Sec. Cor marked
"14 on N. face. and
raised a mound of
stone along side
Pit; impracticable
- 80.00 Set a sand stone 2x6x9 ins. 15 ins. in
the ground for Cor. to Secs. 7, 2, 18, 18 marked
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. alongside

Surface rolling
Soil 3rd. sub-
Good grass

N. B. T. 19 N. R. 15 E.

Chains

North pt. Sec. 7 and 12
T. 13° 45' E.

Dound gradually

14.07 Cross road to St. 70° N.
14.191 Cross attack and Pacific
R. R. to St. 70° N.

4 0.0 0 Set a sand stone, 19 x 14 x 10 ins., 13 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.

8 0.0 0 Set a sand stone 21 x 10 x 7 ins., 15 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 $\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft, high.
4 $\frac{1}{2}$ ft. base. alongside.

Surface rolling
Soil 2nd. rate
good grass.

N. B. T. 19 or R. 15 E.

Chairs

North Mt. Sec. 1 and 6
Ta. 13° 45' E.

Ascend gradually
Commence to descend

24.10

4.00

Set a sandstone 6 x 10 x 7 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. 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.

4 0.25

Gross wool 30 hicks
wide Co. N. 50° E.
and ascend

8 0.00

Set a sandstone 21. x 12 x
6 ins. 15 ins in the
ground for Cor. to
Tps. 19 and 20 N. R.
14 and 15 E. marked
with 6 uolts on
each edge; dug pits
24 x 18 x 12 ins. lengthwise

N. B. C. 19 N. R. 15 E.

Chains

on line N. S. E. and
N. of stone 6 ft. dist.
and raised a
mound of earth $2\frac{1}{2}$
ft. high 5 ft. base
along side

Surface rolling
Soil 2nd. rate
Good grass.

September 28th. 1882

S. P. I. 20 St. R. 14 E.
Chain

From the Cor. to Tps.
19 and 20 St. R. 14
and 10 E. just established
by me. I run West
on a true line bet.

Secs. 1 and 36

Pa. $13^{\circ}30' E$

Acend 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.

8.00

Set a sand stone $16 \times 12 \times 4$ ins, 11 ins. in
the ground for Cor, to Secs., 2, 35, 36 marked
with 5 notches on W and 1 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. alongside.

Surface rolling

S. 60. S. 20 Cr. R. 14 E.

Chain.

Soil 2nd. rate
good grass

Met on a true line
 bet. Secs. 2 and 35

Pa. $130^{\circ}30' E.$

Ascend gradually

4000

Set a sand stone $4 \times 12 \times 8$ ins., 9 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on Cr.
 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.

60.16

Top of ridge 55 ft. high
 bet. Cr. $40^{\circ} E.$ and descend gradually

8000

Set a lime stone $4 \times 10 \times 4$ ins., 9 ins. in
 the ground for Cor, to Secs, 2, 3, 4, 35 marked
 with 4 notch on W and 2 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.

S. C. T. 20 N. P. 14 E.

Chains

Land rolling
Soil 3rd rate
Good grass

Met on a true line
bet. Secs. 3 and 34
Ta. 100 30' E.

Discend gradually

4 0 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 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.

8 0 00

Set a post 4 ft. long 4 ins. sqare, with marked stone, 12 ins, in the ground for Cor, to Secs, 3, 4, 33, and 34 marked T. 20 N. S. 34 on N. E. R. / 14 E S. 3 on S. E. T. 19 N. S. 4 on S, W, and S, 33 on N, W, face, with 3 notch on N 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.

S. B. T. 20 St. R. 14 E.

Chains

around post
 Surface rolling
 Soil 3rd. rate
 good grass

Met on a true line
 bet. Secs. 4 and 33
 Va. $130^{\circ} 30' E.$

Acend gradually

4 000

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.

8 100

Set a \odot and stone $\frac{1}{4} \times \frac{1}{4} \times 4$ ins, 9 ins. in
 the ground for Cor, to Secs, 4, 5, 32, 33 marked
 with 2 notch on N. and 4 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. alongside.

D. B. J. 20 Cr. P. 14 E.

Chains

Surface rolling and level
Soil 3rd. rateGood grazingStart on a true line
ft. Sec. 5 and 32Va. $13^{\circ}30' E$

Droop gradually

4 500

Set a post $4\frac{1}{2}$ ft. long $4\frac{1}{2}$ ins. diam with marked
stone, 12 ins, in the ground for $\frac{1}{2}$ Sec, Cor,
marked $\frac{1}{2}$ S. on \nearrow 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.

8000

Set a sand stone $4 \times 8 \times 4$ ins, 9 ins. in
the ground for Cor, to Secs, 5, 6, 31, 32 marked
with / notch on \nearrow and \searrow 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 level

S. B. J. 20 Cr. P. 14 E.

Chains

Soil 3rd. rate
 Good gravel.

Met on a true line
 bet. Sec. 6 and 31
 Pa. $130^{\circ} 30' E.$

12.47 Dug and gradually
 Cross telegraph line
 fro S. $70^{\circ} E.$

21.90 A. and P. R. R. fro S. $71^{\circ} E.$

25.48 Cross wash 25 links
 wide Cr. dr. $20^{\circ} N.$ and
 as usual gradually

40.00 Set a sand stone, $24 \times 12 \times 4$ ins., $1/8$ ins.
 in the ground for $1/4$ Sec, Cor, marked $1/4$. on Cr.
 face, dug pits $18 \times 18 \times 12$ ins. E. and N.
 of stone $5 \frac{1}{4}$ ft. dist. and raised a mound of earth
 $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base. alongside.

60.00 A. and P. Station
 House fro N. $10^{\circ} E.$

S. O. T. 20 Dr. P. 14 E.

Chairs

1448 Ch. dist.

78.48 Allowing for convergence
 Set a sandstone $3/4$
 17×8 ins. 28 ins. in
 the ground for cor. to
 Sps. 19 and 20 Dr.
 Res. 13 and 14 E. ^{marked with buttons} dug
 pits $24 \times 18 \times 12$ ins. length
 twice on each line S. &
 E. and N. of same. 6 ft.
 dist. and raised a
 mound of earth $2\frac{1}{2}$
 ft. high of 5 ft. base
 alongside
 Surface level
 Soil. 3rd. rate
 Good. grass

S. P. O. 20 or. R. 14 E.

Chair

I carefully examined
the adjustments
of my Solar
Compass to-day
particularly the
latitude and
reversing appara-
tus and found
them correct

September 28th 1882

E. R. J. 20 A. R. 10 E.

Chains

From the Cor. to
 Jpn. 19 and 20 Or.
 R. 13 and 14 E. just
 established by me from
 North Mt. Secs. 31 and 36
 Va. 13° 32' E.

Proceed gradually
 1945 A. and R. R. to Or.
 71° N. and S. 71° E.

4000

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. Or. 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.

4300

Draw 12 links wide
 Co. N. E. and proceed gradually

8000

Set a sand stone 20 x 20 x 4 ins, in
 the ground for Cor, to Secs. 31, 36. 25. 30 marked
 with / 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

E. B. J. 20 St. R. 18 E.

Chains

4¹/₂ ft. base along side
 Surface rolling
 Soil 3rd rate
 Good grass

North pt. Sec. 25 and 30
 Pa. 13° 33' E.

Ascend gradually

3890

Descend gradually

4000

Set a sand stone 30 x
 25 x 4 ins. 22 ins. in the
 ground for "4" Sec. Cor.
 marked "4" on N. face
 and raised a mound of
 stone along side. Pit
 impracticable

8000

Set a sand stone 20 x 17 x 4
 ins. 15 ins. in the ground
 for Cor. to Sec. 19, 24,
 25 and 30 marked with

E. O. U. 20 Or. R. 10 E.

Chains

2 notches on S. and
 4 notches on Or. edge,
 and raised a mound
 of stone along side
 Pit impracticable
 Surface rolling
 Soil 3rd rate
 Good grass

North bet. Dec. 19 and 24
 Va. $130^{\circ} 32' E.$

Descend gradually

4 900

Set a sand stone
 $40 \times 20 \times 4$ ins. 20 ins. in the
 ground for "4" Dec. to m.
 marked "4" on N.
 face and raised a
 mound of stone
 along side Pit imp-
 racticable

S. B. J. 20 Cr. R. 13 E.

70 Set a quadrat 22x20 x
 4 ins. 10 ins. in the
 ground for Cr. to Sec.
 13, 18, 19 and 24 marked
 with 3 notches on S.
 and Cr. edges. and
 raised a mound
 of stone a long side
 Pit; unpracticable
 Surface rolling
 Soil 2nd rate
 Good grass
 North bet. Secs.

13 and 18

Pa. 10° 35' E.

Descend gradually
 over rolling land

0.18 Enter broad wash Cr. NE
 0.45 Centre of wash

E. B. J. 20 Ct. P. 13 E.

Chains

4000 Set a sandstone
 20 x 15 x 3 ins. 22 ins.
 in the ground for
 114 Sec 1 Cor. marked
 114 on N. face and
 raised a mound of
 stone alongside
 Pit impracticable

4050 Leave wash Co. N.E.
 and enter level land

8000 Set a sandstone 20 x 5
 x 4 ins. 18 ins. in the
 ground for Cor. to Secs.
 7, 12, 13 and 15 marked
 with 4 notches on S.
 and 2 notches on N.
 edges. and raised a
 mound of stone along
 side. Pit impracticable
 Surface level

W. J. 20 Dr. R. 13 E.

Chains

Soil 3rd to 4th rate
But little grass

North lat. Div. 7 and 12
 Va. 113° 35' E.

Decend gradually

30.00 Top of Butte soft,
 high hrs. E. and N. and
 decend

40.00 Set a sandstone 30x24
 x4 ins. 22 ins. in the
 ground for "4 Sec.
 Cor. marked "4
 on N. face and
 raised a mound
 of stone alongside
 Pit is impracticable

41.10 Dry wash 15-hake
 wide Co. N. E.
 Continue to decend.

E. B. T. 20 N. R. 13 E.

Chains

47.80 Road hrs N. 50° E
and S. 50° W.

8.000 Set a sand stone 25 x 10 ins, 8 ins. in
the ground for Cor. to Secs. 1, 6, 7, 12 marked
with 5 notch 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 rolling
Soil 2nd. to 3rd. rate
Good grass with some
sagebrush

N. 10th St. Sec 1 and 6
Sa 10° 32' E.

4.000 Over almost level land
Set a sand stone 14 x 8 x 4 ins., 9 ins.
in the ground for 1/4 Sec, Cor, marked 1/4 on N.
edge, 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.

E. @ J. 20 Cr. R. 13 E.

chain

- 65.15 Begin to ascend
 70.71 Top of ridge hrs. Cr. E.
 land S. N. 40 ft. high
 and descend gradually
 77.50 Intersect 5th Stand-
 ard Parallel of 1960
 Ch. West of the Standard
 Cor. to Sp. 21 Cr. R.
 13 and 14 E. ^{immediately past} where I ^{stopped}
 Set a sandstone 16 x
 10 x 6 ins. 11 ins. in
 the ground for clearing
 Cor. to Sp. 20 Cr.
 R. 13 and 14 E.
 marked G. C. with
 6 notches on S. E.
 and N. edges. dug
 pits 24 x 18 x 12 ins.
 crosswise on each
 line on S. E. and N.

E. B. T. 20 or R. & E.
Chains

of stone left dist.
and raised a mound
of earth 2 $\frac{1}{2}$ ft. high
5 ft. base alongside
Surface rolling
Soil 3rd. rate
Good. grass
September 29th 1882

E. B. U. 20 St. R. 14 E

Chains

From the Cor.
to Spr. 19 and 20 St.
R. 14 and 15 E. which
was recently established
by me. I run
North bet. Spr. 31 and 36
Pa. $13^{\circ}30' E$.

Accred gradually

4000

Set a sand stone, 9×6 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. 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.

Begin to accred abruptly

4500

Entr. now continue to
accred gradually

8000

Deposited marked
stone 12 ins. in the
ground for Cor. to Spr.
25, 30, 31 and 36
dug pits $18 \times 18 \times 12$

E. B. T. 20 cr. R. 14 E.

Chains

in each Sec. 5^{1/2}
 ft. dist. and raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft.
 high over it. In
 E. E. pit. drove a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked

T. 20 cr. S. 30 on N.E.
 R. 15 E. S. 31 on S.E.
 R. 14 E. S. 34 on S. N. and
 S. 25 on N. N. faces
 with 1 notch on S.
 and 5 notches on N.
 edges

Surface rolling
 Soil 3rd. rate
 Scattering grass

E. B. J. 20 Cr. R. 14 E.

Chain

North pt. $S_{100} 25$ and 80
 $Ta. 130 40^{\circ} E.$

Ascend gradually

33.00

Top of ridge $S_{100} Cr. E.$
 and $S. N. 125$ ft. high
 and descend gradually

40.00

Deposited marked
 stone 12 ins. in the
 ground for 114 Sec. Cor.
 Dig pits $18 \times 18 \times 12$ ins.
 E. 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
 over it. On Cr. pit
 drove a slate 2 ft.
 long 2 ins. sq. 12 ins.
 in the ground marked
 114 S. on N. face

E. P. J. 20 St. P. 14 E

Chains

8000

Set a sand stone $7 \times 9 \times 4$ ins., 11 ins. in the ground for Cor, to Secs, 1924 25:20 marked with 2 notch w on S. and 4 notch 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 rough
Soil 3rd. to 4th rate
Grass 35-chs.

North lat. Dec. 19 and 24
Va. $13^{\circ}45' E$.

4000 Continue to descend
Deposited marked
stone 12 ins. in the
ground for 14 Sec.
Cor. dug pits 18 x 18 x
12 ins. N. and S. of
stone $5\frac{1}{2}$ ft. dist.
and raised a mound

E. C. J. 20 N. R. 14 E.

Chains

of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft. base over it.
 In N. pit drove
 stake 2 ft. long 2
 ins. sq. 12 ins. in
 the marked $1\frac{1}{4}$ S.
 on N. face

8000

Set a sand stone $5 \times 8 \times 4$ ins. 2 ins. in
 the ground for Cor, to Secs, $3/8, 1/8, 1/24$ marked
 with 3 notches on S. and 3 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.

Surface not so broken
 Not 2nd. rate
 Fair grass.

North pt. Secs. 13 and 18
 Va. $13^{\circ} 40' E.$

Proceed gradually

4000

Deposited marked

E. P. T. 20 or R. 4 E.

Chains

stone 12 ins. in the ground for 114 Sec.
 Cor. 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 of 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. sq. 12 ins in of the ground marked "4 S. on N. face

80.00

Set a sand stone 24 x 20 x 4 ins, 5 ins. in the ground for Cor. to Secs, 7, 12, 13, 18 marked with 4 notch on S. and 2 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 nearly level descends gradually to the North

E. Q. S. 20 A. R. 14 E.

Chains

Soil 2nd. to 3rd. rate
 light growth of
 grass with scatter-
 ing sagebrush

North bet. Secs. 7 and 12
 T₂₀ 130° 30' E.

Over nearly level land

4000

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 W. face, dug pits 13 x 13 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.

74.94

Draw 20 links wide to a E.

8000

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor, to Secs.
 1, 6, 7 and 12 marked T. 20 N. S. 10' on
 N. E. R. 15° E S. 7 on S. E. R. 14 E. S. 12 on
 S, W, and S, 1 on N, W, face, with 5 notch
 on S, and 1 notch on N, edges, dug
 pits 13 x 13 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.

E. B. O. 20 N. R. 4 E.

Chairs

and raised a mound
of earth 2 ft. high
4 1/2 ft. long around post.
Surface smooth
Soil about 3rd. rate
Grass good

North pt. Sec. 1 and 6
Va. 13° 30' E

Over level land

7.94 Enter dry lake Co. E.

25.07 Leave dry lake Co. E.

40.00 Deposited marked
stone 12 ins. in the
ground for 114 Sec. Cor.
Long pile 18 x 18 x 12 ins.
N. of and S. of stone
5 1/2 ft. dist and
raised a mound
of earth 1 1/2 ft.

E. B. S. 20 N. R. 14 E.

Chairs

high 3 1/2 ft. base
over it. In N. E.
pit, drove a stake
2 ft. long 2 ins. sq.
12 ins. in the ground
marked "4 S. on
N. face.

78.35 Subsect. 5th. Standard
Parallel North 20.50
Ch. West of the Standard
Cor. to Tpa. 21 N. R. 14
and 15 E. ^{marked by me} at which
point I set a
post 4 1/2 ft. long 4 ins.
with marked stone
12 ins. in the ground
for blowing to
Tpa. 20 N. R. 14 and 15
E. marked
E. B. S. 20 N. R. 14 E.

E. Co. T. 20 N. R. 14 E.

Chains

R. 15 E. S. 6 on E. and
 R. 14 E. S. 1 on N. face
 with 6 notches on
 S. E. and N. faces. dig
 pits 24 x 18 x 12 ins. ^{cross}
 wise on each line S. E. and
 N. of post 6 ft. dist.
 and raised a mound
 of earth 2 1/2 ft. high
 5 ft. base around
 post.

Surface south
 half level remainder
 rolling

Soil 3rd. rate
Little grass

I carefully
 examined the adjacent
 mounds of my

Chairs

Solar Compass
to day particularly
the latitude and
reversing apparatus
and found them
correct

September 29th 1882

S. P. J. 20 N. R. 15 E.

Chavis

From the Cor. to Tpo.
 19 and 20 N. R. 14
 and 15 E which was
 recently set the bed
 by me. I run
 East on a random line
 bet. Tpo. 19 and 20 N.
 with a variation of
 $13^{\circ}30'$ S. sitting temp-
 orary 14 and Sec. Cor.
 at each 40 and 80 chs.
 and at 476.00 Chs. arrive
 at a point 24 miles
 S. of the Cor. to Tpo.
 19 and 20 N. R. 15
 and 14 E. which was
 recently set the bed by
 me. I then I run
 S. $89^{\circ}58'$ W. on a true
 line bet. Sec.

A. R. 20 A. R. 15th E.

Chanis

1 and 36

Va. 13° 45' E.

Ascend gradually

Cross road $\frac{1}{2}$ mi. N. 40° E..44
40.00

Set a sandstone, 24 x 11 x 4 ins. $\sqrt{8}$ ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{2}$ 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.

8.000

Set a sandstone 22 x 13 x 4
ins. 10 ins. in the ground
for Cor. to Sec. 1, 2, 35.
and 36 marked with
5 notches on N. and 1
notch on E. edge, and
raised a mound
of stone along side
of pits in a suitable
surface slope east
Soil 3rd. rate

S. D. S. 20 ft. R. 10-E

Chains

Fair grass

S. $89^{\circ}58'N$. on a true
line bet. S. and S. 2 and 35
Co. $13^{\circ}45'E$.

Continue to ascend

1.10

Sledge of sandstone
20 ft. high bet. S. and
S. and descend

4.00

Foot of bluff bet. S. and S.

5.40

Cross road bet. S. 80E,

40.00

Set a sandstone $20 \times 10 \times 6$

ins. 19 ins. in the ground

for "4 Sec. Cor.

marked "4 on S. face
and raised a mound
of stone alongside
of *Pit's* microfossil

55.00

Begin to ascend
gradually

S. B. 20 St. R. 15 E.

Chains

8090

Set a sand stone $9 \times 2 \times 6$ ins, $1/4$ ins. in the ground for Cor, to Secs, 2, 3, 34, 35 marked with 4 notch on W and 2 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 rolling
 Soil 3rd. rate
Good grass

S. $89^{\circ} 58' N.$ on a true line bet. Secs. 3. and 34
 Va. $13^{\circ} 45' E.$

500

Do and gradually
 Top of spur to St.
 Set a sand stone $6 \times 8 \times 4$ ins. $1/1$ ins.

40.00

in the ground for $1/4$ Sec, Cor, marked $1/4$. on St. line, dug pits $18 \times 18 \times 12$ 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.

S. O. T. 20 St. R. 15 E.

Chains

91.00

Set a sand stone $7 \times 10 \times 2$ ins, 11 ins. in the ground for Cor, to Secs, 24, 25, 26 marked with 3 notch on N. 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. alongside.

Surface rolling in E. level in the N.

Dirt 3rd. rate

Good grass

S. $89^{\circ} 58'$ N. on a true line bet. Sec 4 and 30

Ca. $13^{\circ} 45'$ E.

28.18 D mound gradually
Cross of flat of wash
30 links wide
Co. N. 17° E. Thence
over level land

D. Q. 5, 20 ct. R. 15 E.

Rains

4000

Set a sand stone, $16 \times 9 \times 5$ ins., 11 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ 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.

8000

Set a sand stone $7 \times 11 \times 5$ ins., 11 ins. in the ground for Cor, to Secs, 4, 5, 22, 23 marked with 2 notches on W. and 4 notches 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 level
Soil sub-rate
Fine grass.

West bet. Secs. 5 and 22
Ta. $13^{\circ} 45' E.$
D. would gradually

S. Q. T. 20 N. R. 15-E

Chains

4000

Set a sand stone, $1/4 \times 8 \times 5$ ins., 9 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. on *W.* 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.

51.24

Grass wood 15 links wide
Co. N. $48^\circ E$. Thence
over level land

80.00

Set a sand stone $8 \times 10 \times 3$ ins, 2 ins. in the ground for Cor, to Secs, 5, 6, 8/102 marked with / notch on *N.* and 5 notch \llcorner 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 level
Soil 2nd. rate
Good grass

S. $89^\circ 58' N.$ on a true
line bet. Sec. 6 and 8/1

S. B. T. 20. Dr. R. 15~~E.~~

Chains

Ta. 13045⁰E.

Over slightly rolling
surface

4000

Set a ~~rod~~ stone, $9 \times 3 \times 4$ ins., $1/2$ in.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. 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.

~~1/2 ft. base alongside.~~

7600

The Cor. to Tpe. 19 and
20 Dr. R. 14 and 15 E.
Surface almost level
Soil sandy 3rd. rate
True grass

E. B. T. 21 Cr. R. 17 E.

Chavis

From the Standard
Cor. to Twp. 21 Cr.
R. 17 and 18 E. which
was recently established
by me. I run
at right to Sec. 3 and 36
Ta. $14^{\circ}18'E$.

Descend gradually
4000 Set a limestone $20 \times$
 16×10 ins. 15 ins. in the
ground for 14 Sec Cor.
marked 14 on N.
face and raised a
found of stone alongside

Pike impracticable
5820 Wash 200 cho. wide Co.
 2.80° N. and ascend gradually
8000 Set a basalt stone
 $30 \times 20 \times 6$ ins. 22 ins. ins.
in the ground for

E. O. J. 21 St. R. 17 E.

Chains

Cor. to Sec. 25, 30, 31 and
36 marked with 1 notch
on S. and 5 notches
on N. edge. and
raised a mound of
stone along side. Pit
impracticable.

Surface gently rolling
Soil 3rd. rate
good grass

North pt. Sec. 25 and 30
Ta. 12° 30' E.

Quarry

8 5.15 Top of spur hrs. E. and N.
171 ft. high and down
40.00 Site limestone 24 x 20 x 10
ins. 15 ins. in the
ground for 4 Sec. Cor.
marked 114 on N. face.

E. R. J. 21 St. R. 17 E.

Chairs

and raised a mound
 of stone alongside
 Pit's impracticable
 6800 Bend of wash Cr.
 S. 15 E and mound
 8000 Set a limestone 20x20
 x 20 ins. 15 ins in the
 ground for Cr. to Dec.
 1924. 25 and 30 marked
 with notches on E.
 and 4 notches on N.
 edge. and raised
 a mound of stone
 alongside. Pit's impracticable
 Surface very rocky
 Soil about 4th date
 Little or no vegetation

North pt. Dec. 19 and 24
 Pa. 10⁵24 E.

E. W. 21 N. R. 17 E.

Chairs

- 40.00 Dismantled gradually
 Set a limestone 20x20x
 10 ins. 19 ins. in the ground
 for "4 Sec. Cor. marked
 "4 on N. face and
 raised a mound of
 stone alongside.
 Pit - impracticable
- 50.14 Wash 24 links wide Co.
 S. 30 E. and around
- 80.00 A limestone in place
 67x53x39 ins. above ground
 which I marked for
 Cor. to Sec. 13. 18. 19 and
 24 with a cross (X) at
 exact Cor. point and
 3 notches north of N. and
 S. of Cross, and
 raised a mound of
 stone alongside

E. P. J. 21 St. R. 17 E.

Chains

Surface rough
and rocky
Soil 4th grade
No vegetation

North pt. Sec. 13 and 18
Ta. 13° 30' E.

4000 Area gradually
Set a limestone 20 x 10 x 10
ins. 15 ins. in the
ground for 1/4 Sec. Cor.
marked "4" on St.

face and raised a
mound of stone along
side. Path impracticable

51.79 Top of ridge 180 ft. high
for St. 137° N. + descend

8000 Deposited marked
stone 12 ins. in the ground
for Cor. to Sec. 17/12.

E. 21 S. 21 N. R. 17 E.

Chains

13 and 18 dug pits with
 18 x 18 x 12 ins. in each
 Sec. 5 1/2 ft. dist. and
 raised a mound of
 earth 2 ft. high 5 1/2
 ft. base over it. In
 S.E. pit drove stake
 2 ft. long diam. sq. 1 1/2 ins.
 In the ground marked
 S. 21 N. S. 7 on N.E.
 R. 18 E. S. 18 on S.E.
 R. 17 E. S. 13 on S.N.
 and S. 12 on N. N.
 faces with 4 notches on
 S. and 2 notches on N.
 edges.

Surface first half
 rough and rocky
 no grass 2nd half
 broken with

E. W. J. 21 St. R. 17 E.

Chains

Good grass
Soil 3rd. rate

North Mt. Sec. 7 and 12
 Va. 10000' E.

Dug out gradually

4 0.30

Set a Ministral 25x10x4
 ins. 18 ins. in the ground
 for 14 Sec. Cor. marked.
 14 on N. face and
 raised a mound of
 stone alongside

Pits unperforated

8 000

Deposited in arched
 stone 12 ins. in the
 ground for 6 or to
 Secs. 1, 6, 7 and 12
 dug pits 18x18x12 ins.
 in each Sec. 5 1/2
 ft. dist. and raised

B. J. 21 St. R. 17 E.

ains

a mound of earth
 2 ft. high $4\frac{1}{2}$ ft. base
 four in. dia. S.E.
 pit drove stake 2 ft.
 long 2 in. sq. 12 in.
 in the ground marked
 J. 21 St. S. 6 on S.E.
 R. 17 E. S. 7 on S.E.
 R. 17 E. S. 12 on S. St.
 and S. 1 on S. St. face
 with 5 notches on S.
 and 1 notch on S. edge.
 Surface gently rolling
 Soil 3rd. rate

Good grass, some sage
 brush Scattering Juniper

North pt. Sec. 1 and 6
 Tn. 13° 30' E.

Proceed gradually

E. Q. S. 21 of R. 17 E.

Chairs

4 500

Proceed gradually

Set a lime stone, $20 \times 10 \times 10$ 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. 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.

8 000

Set a limestone $16 \times 10 \times 6$ ins. 10 ins. in the ground for Cor. to Tps. 21 and 22 of R. 17 and 18 E. marked with notches on each edge. dug pits $24 \times 18 \times 12$ ins. lengthwise on each line N. S. E. and W. of stone 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high 5 ft. base along side

F. D. J. 21 A. R. 17 E.

Chains

Surface greatly rolling
 Soil Int. with
good grass

S. B. S. 22 Cr. R. 17 E.

Chairs

From the Cor. to Sps.
21 and 22 Cr. R. 17
and 18 E. just established
by me. I run West
on a random line Va.
12° 20' E. to Sps. 21 and 22 Cr.

Range 17 E. setting temporary
14 and 15 ^{var 13, 14} Cr. Cors. at

each 40 and 80 Chs. and
at 478.00 Chs. arrive
at a point - 140 links
S. of the Cor. to Sps.

21 and 22 Cr. R. 16 and 17
E. which was recently
established by me.

Thence I run S.
89° 50' E. on a true
line to Sps. 6 and 31

Va. 12° 35' E.

S. B. T. 22 N. R. 17 E.

Claims

38.00 Set a limestone 20x
20x.10-15 ins. in the
ground for 14 Sec. Cor.
marked 14 on N. face
and raised a mound
of stone along side.
Site impracticable

55.00 Gulch 30 links Co.
S. N. and record

78.00 Set a limestone 26x10x10
ins. 19 ins. in the ground
for Cor. to Secs. 5, 6, 21
and 22 marked with
1 notch on N. and 5
notches on E. edges. and
raised a mound
of stone along side.
Site impracticable
Surface rough and rocky
Soil 4th rate

S. D. J. 22 St. R. 17 E.

Chains No. 9000.

✓

S. 89° 58' E. on a true line
bet. Sec. 5 and 32

Pa. 100° 30' E.

- 1.00 Begin to descend
38.00 Entered level ground
4.00 Set limestone 20 x 20 x 10
ins. 15 ins. in the ground
for "4 Sec. Cor. marked
"4 on N. face and raised
a mound of stone alongside
Pit impracticable
50.00 Begin to descend
60.00 Centre of flat Co. S.
67.00 Begin to ascend
80.00 On top of ridge. Set
a limestone 16 x 10 x 6 ins.
11 ins. in the ground
for Cor. to Sec. 45, 32 and

S. Q. T. 22 N. R. 17 E.

Chairs

33 marked with a
notches on N. end & notches
on E. edge; and raised a
mound of stone alongside
Pit - impracticable
Surface rough and
rocky

Soil 3rd rate

Little grass

S. $90^{\circ} 50'$ E. on a true
line bet. Sec. 4 and 33.
Pa. $13^{\circ} 30'$ E.

Descending.

+ 0.00
x Set limestone $26 \times 25 \times 10$
ins 19 ins. in the ground
for 114 Sec. Cor. marked
114 on N. face and raised
a mound of stone alongside
Pit - impracticable

S. P. J. 22 St. R. 17 E.

Chains

8000

Set a Basalt stone
 25 x 16 x 7 ins. 18 ins. in
 the ground for Co. to Sect
 34. 23 and 34 marked
 with - 200 lbs on E.
 and N. edges and
 raised a mound of
 stone alongside
 Pit unpracticable
 Surface rough and rocky
 Soil 4th rate
No grass

S. 90° 50' E. on a true
 line bet. Sect.
 3 and 34

19.90

Na. 10° 30' E.
 Gulch 120 links wide
 Co. S. N. and around

S. B. T. 22 St. R. 17 E.

Chairs

- 4000 Set a D wall Stone 25x20
x10 ins. / 8 ins. in the ground
for "4 Sec. Cor. marked
"4 on St. face and raised
a mound of stone
alongside. Pit - impracticable
- 4945 Minnow and Mogui
road bet. St. 20 E.
- 8000 Set a limestone box box 30x10 ins.
22 ins. in the ground
for Cor. to Secs. 2, 3, 34
and 35 marked with
4 notches on N. and 2 notches
on E. edges and raised
a mound of stone along
side. Pit - impracticable
Surface ^{somewhat} rough and
Drift about. 3rd. rate
Poor grass

S. O. T. 22 N. R. 17 E.

Chains

S. 89° 50' E. on a true
line bet. Sec. 2 and 35
Var. 13° 30' E.

Ascend

40.00

Set a limestone 37x21x6
ins. 27 ins. in the ground
for "4 Sec. Cor. mark-
ed "4 on N. face; and
raised a mound
of stone alongside
Dit. impracticable

72.50

Top of ridge 40 ft. high
fr. S. W. and S. E.
and descend

80.00

Set a limestone 25x10x16
ins. 18 ins. in the
ground for Cor. to
Sec. 1, 2, 35 and 36
marked with 5 notches

S. B. S. 22 St. R. 17 E

Chairs

on St. and 1 notch on
E. edge, and raised a
mound of stone alongside
Pit's impracticable
Surface somewhat rough
Soil about 3rd. rate
Poor grass

S. 99° 50' E. on a true line.
ht. Secs. 1 and 84

Sta. 130° 30' E.

D mound gradually

4000

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

8000

The Cor. to Sta 21 and
22 St. R. 17 and 18 E
Surface pretty rolling

S. O. T. 22 N. R. 17 E.

Chains

Soil about 2nd. rate
good grass.

I carefully examined
the adjustments of
my Solar Compass
to-day particularly the
latitude and the
apparatus and found
them correct.

October 2nd. 1882.

E. B. T. 22 of R. 17 E.

Chains

From the Cor. to
T. 21 and 22 of R.
17 and 18 E. recently
established by me
& run North
bet. Sec. 31 and 36
Ta. 13030' E.

40.00
Dug and gradually
Deposited marked
stone 12 ins. in the
ground for "4 Sec. Cor.
dug pit 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 over it.
In N. pit. drove stake
2 ft. long. 2 ins. dia. 12
ins. in the ground

E. Q. S. 22 or P. 17 E.

Chairs

8000 marked "4" on N. face
 Deposited marked
 close 12 ins. in the
 ground for Cor. to
 Sec. 25, 30, 31 and 36
 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. tall over
 it. In S.E. pit,
 drove a stake 2 ft.
 long 2 ins. sq. 12 ins.
 in the ground marked
 S. 22 or S. 30 on N.E.
 P. 17 E. S. 31 on S.E.
 P. 17 E. S. 36 on S.N.
 and S. 25 on N. face.
 with notch on S.
 and 5 notches on

E. B. J. 22 N. R. 17 E.

Chains

N. edge.

Surface gently rolling

Soil sandy Br. salt

Good grass some sagebrush

North pt. Sec. 25 and 30

Ta. $130^{\circ} 30' E$

D. road gradually

38.50

Cross creek. 61 turns with

to N. 100 N. ascend

4000

Deposited marked

stone 12 ins. in the

ground for "4 Sec. Cor.

I dug pits $18 \times 18 \times 12$ ins.N. and S. of stone $5\frac{1}{2}$

ft. dist. I and raised

a mound of earth -

 $1\frac{1}{2}$ ft. high $9\frac{1}{2}$ ft.

base over it. In N.

pit, drove a stake

A. W. T. 22 St. R. 17 E.

Chains

2 ft. long Div. sq.
12 ins. in the ground
marked "4 S. W"

W. face

8000 Set a Basalt stone

18x12x8 ins. 12 ins. in
the ground for Cor.

to Div. 19. 24. 25

and 30 marked with
2 notches on S. and

4 notches on N. edge.

and raised a mound
of stone alongside

Pits impracticable

Surface gently rolling
and about 3rd. day

Good grazing with
some sagebrush

E. O. S. 22 of R. 17 E.

Chains

North lat. Dec. 19 and 24

Va. 130° 30' E

Ascend gently

4000

Deposited marked
stone 12 ins in
the ground for
1/4 Sec. Cor. dug
pit 18x18x12 ins.

S. and S. of stone
5 1/2 ft. Dist: and
raised a mound

of earth 1 1/2 ft.
high 3 1/2 ft. face over

it. In S. pit. drove
a stake 2 ft. long
2 ins. sq. 12 ins. in

the ground marked
1/4 S. on N. face

6700

Begin to descend
gradually

E. R. J. & A. R. 17 E.

Chains

8000

Deposited marked
 done 12 ins. in the
 ground for U. S. to
 Secs 12, 18, 19 and 24
 dug pits 18x18x12 ins.
 in each Sec. 5 1/2 ft.
 dist. and raised a
 mound of earth 2 ft.
 high 4 1/2 ft. base
 over it. In S.E.
 pit drove a stake 2
 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 S. 22 St. S. 18 on N.E.
 R. 18 E. S. 19 on S.E.
 R. 17 E. S. 24 on S.W.
 and S. 13 on St. M. Jones
 with 3 notches on S.
 and N. edges
 surface partly rolling

E. O. J. 22 A. R. 170

Lains.

Soil about 3rd. rate
 Good. grass some sagebrush

North pit. Aug. 13 and 18
 Va. 130° 30' E

Descend gradually

15.50 Draw 25 lbs. of
 Co. N. and ascend

4.00 Set a Basalt stone
 14 x 12 x 4 ins. 9 ins. in
 the ground for "4" Sec.
 Co. marked "4 on N.
 face and raised a
 mound of stone alongside

Pit impracticable

42.00 Begin to descend gradually

8.00 Set a Basalt. stone
 20 x 8 x 8 ins. 15 ins. in
 the ground for Co. to
 Aug. 7, 12, 13 and 18

E. B. J. 22 N. R. 17 E.

Chairs

marked with 4 notches
on S. and 2 notches on
N. edges, and raised
a mound of stone
along side

Pit impracticable

Surface gently rolling
Soil 3rd. grade

Good grass

North bet. Sec. 7 and 12
Ta. 13° 30' E

Upper level land

4000

Deposited marked
stone 12 ins. in the
ground for "4 Sec.
Cor. dig pit - 18x18x
12 ins. S. and S. of
stone 5 1/2 ft. dist.
and raised a

E. B. T. 22 N. R. 17 E.

Chains

mound of earth $1\frac{1}{2}$
ft high $3\frac{1}{2}$ ft. base
over it. In N. E.
put drove stake
2 ft. long 2 ins. sq.

12 ins. in the ground
marked 14 S. on N. face

8000

Deposited marked
stone 2 ins. in the
ground for U. or. to
S. west 1, 6, 7 and 12

dug pits $18 \times 18 \times 12$ ins.
in each S. E. $5\frac{1}{2}$ ft.
dist. and raised

mound of earth 2 ft. high
 $4\frac{1}{2}$ ft. base over it.

In S. E. put drove a
stake 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked

E. R. V. 22 N. R. 17 E.

Chain

S. 22 N. S 6 on NE.
R. 18 E. S. 7 on SE.
R. 17 E. S. 12 on S. N.
and S. 1 on N. N. face
with 5 notches on S.
and 1 notch on N. edges.

Surface nearly level
Soil about 3rd. rate
Good grass some sagbrush

North pt. Sec. 1 and 6
T_a 13030'E.

- 10.00 Over level bottom land
- 23.50 Begin to ascend gradually
- 23.50 Top of spur fr. S. N.
- Soft. high and descend
- 40.00 Deposited marked
- stone 12 ins. in the
- ground for 14 Sec. Cor.
- Dug pits 18x18x12 ins.

E. D. T. 22 St. R. 17 E.

Chains

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 over it.

In N. pit. drove stake
 2 ft. long 2 ins. sq. 2
 ins. in the ground
 marked "4 S. on
 N. face

8950 Wash 20 links wide Co.
 S. 50° N. and ascend
 gradually

8000 Set a T. limestone
 $15 \times 9 \times 4$ ins 10 ins. in
 the ground for Cor. to
 Tps. 22 and 23 St. R.
 17 and 18 E. marked
 with 6 notches on
 each edge

E. D. T. 22 A. P. 17 E

Chairs

dug pits - 24 x 18 x 12
 into. lengthwise on
 line N. S. E. and N.
 of stone 6 ft. dist.
 and raised a mound
 of earth 2 1/2 ft. high
 15 ft. long alongside
 surface gently rolling
 Soil 2nd rate
good grass

S. B. S. 23 Cr. R. 17 E.

Lines

From the Cor. to
 Sps. 22 and 23 Cr.
 R. 17 and 18 E. just
 established by me from
 West of a random line
 bet. said Sps. with
 a va of $13^{\circ}20' E.$
 setting temporary 114
 Sps. and Sps. Cors.
 at each 40 and 80 Chs.
 and at 477.15 Chs. ar-
 rive at a point 42
 links N. of the Cor. to
 Sps. 22 and 23 Cr.
 R. 16 and 17 E. on 4 Aux.
 Meridian recently
 established by me
 thence I run Cr. $89^{\circ}57' E.$
 on a true line bet.
 Sps. 6 and 31

A. Q. T. 23 N. R. 17 E

Chains

Va. 13040° E.

1.80 Enter wash Co. N. 85° W.
 16.80 Leave wash Co. S. 70° W.
 29.00 Wash 90 links wide
 Co. N. N. and sound gradually

37.15 Set a lime stone, 7 x 2 x 5 ins., 11 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 N.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft, high. 3 1/2 ft. base. alongside.

63.00 Foot of bluff and sound
 71.40 Top of bluff to S. N. N.
 and S. E.

77.15 Set a lime stone 4 x 10 x 8 ins., 8 ins. in
 the ground for Cor, 10 Secs, 5, 6, 21, 32 marked
 with / notch on N. and 5 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. alongside.

Surface slightly broken
 or nearly level.
 Soil about 3rd rate.

S. B. T. 23 N. R. 17 E.

Main

Very little grass.

N. $90^{\circ} 57' E$. one true line
bet Secs. 5 and 32
Ta. $13^{\circ} 30' E$

4 000

Set a lime stone $16 \times 10 \times 6$ ins. 11 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. 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.

5 210

Walk 12 links wide
to N. $10^{\circ} E$. and ascend
very gradually

8 000

Set a lime stone $16 \times 10 \times 6$ ins. 9 ins. in
the ground for Cor, to Secs, 4, 5, 32, 33 marked
with 2 notch on N. and 4 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 nearly level
April 3rd. note
good grass

S. B. T. 23 N. R. 17 E

Chains

N. 89° 57' E. on a true line
bet. Secs. 4 and 33
Ta. 13' 30" E.

4000
Ascending very gradually
Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for 1/2 Sec, Cor,
marked 1/2 S. on W face, dug pits 18 x 18 x 12
ins. E. and N. 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.

6500
Leave level land and
as usual gradually

8000
Set a basalt. stone 6 x 2 x 5 ins. 11 ins. in
the ground for Cor, to Secs, 3. 4. 33 x 34 marked
with 3 notches on N. and 3 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 nearly level
Soil gravelly 3rd. rate
good grass

S. D. T. 23 N. R. 17 E.

Chain

N. $79^{\circ} 57'$ E. on a true
line bet. Secs. 3 and 34
T₂N. $13^{\circ} 30'$ E.

19.00
4.000
Requires to record
Set a basalt stone, $5 \times 9 \times 4$ 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. 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.

8.000
Over almost level ground
Deposited marked
stone 12 ins. in the
ground for Cor. to
Secs. 2, 3, 34 and 35
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
over it. In S. E.
pit, drove stake 2 ft.

S. O. T. 23. Cr. R. 17E.

Chairs

2 ft. long 2 in. dia. 12
in. in the ground
marked

T. 23 Cr. S. 35 on N.E.
R. 17E. S. 2 on S.E.

T. 22 S. S. 34 on N.

and S. 34 on Cr. N. face
with 4 notches on N.
and 2 notches on E.
edges.

Surface rolling or
nearly level

Soil sandy 3rd. rate
good grass scattering
Peag Verbena

Cr. 89057' E. on a true
line bet. T. 2 and 25

Ta. 13035' E.

Even almost level surface

A. B. T. 23 N. P. 17 E.

Chains

4000 Deposited marked
stone 12 ins. in the
ground for 114 Sec.
Cor. dug pits 18x18x12
ins. E. and N. of stone
5½ ft. dist and raised
a mound of earth
1½ ft. high 3½ ft.
wide over it. In
E. pit, drove a stake
2 ft. long 2 ins sq. 12 ins.
in the ground
marked
114 S. on N. face

4000 Leave table land hrs. ✓
N. E. and S. N.

4150 Kinslow and Mogui road
from N. 12° E. and S. 12° N.

7500 Begin to descend

S. D. T. 23 N. R. 17 E

Quins.

000 Set a small stone
 15x10x6 in. 10 in.
 in the ground for
 Com. to Secs. 1, 2, 35
 and 36 marked with
 5 notches on N. and 1 notch
 on E. edge. and
 raised a mound
 of stone alongside
 Pipe - impracticable
 Surface nearly level
 Soil 3rd. rate
Fine grass

S. 89° 57' E. on a true
 line bet. Secs. 1 and 36
 Va. 13° 30' E.

000 Begins to ascend

D. T. 23 of P. 17 E.

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. C
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.

Top of bluff and ~~entire~~
discuss ~~...~~

Foot of bluff to
N. E. and S. W.

The Cor. to Tps. 22 and
23 of P. 17 and 18 E.

Surface rolling
See 3rd. rate

Good grass, some ~~...~~
carefully examined the adjust-
ment of my Solar Compass
day particularly the latitude
and reversing apparatus and
found them correct

Oct. 3rd. 1882.

... of stone alongside

E. B. S. 23 Ct. R. 17 E.

Chains.

From the Cor. to Sta.
22 and 23 Ct. R. 17
and 18 E. recently
established by me
Drum north ft.
Dec. 31 and 06

Ca. $18^{\circ}20'E$

Ascend gradually
40.00 Deposited marked
stone 12 ins. in the
ground for 44 Sec. Cor.
dug pits $18 \times 18 \times 12$
ins. N. and S. of
stone $5\frac{1}{2}$ ft. East
and raised a mound
of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base over it.
In N. E. put drove a
stake 2 ft. long 2 ins.
sq. 12 ins. in the

B. J. 23 St. R. 17 E.

ains

ground marked "4"
 S. on N. face.
 0.00 Pit a limestone
 25X13X10 ins. 18 ins. in
 the ground for Cor.
 to Secs. 25/30. 8/and 36
 marked with 1 notch
 on S. and 5 notches
 on N. edges. and
 raised a mound
 of stone alongside.
 Pit impracticable
 Surface gently rolling
 Soil about 3rd. rate
 Good grass

North pt. Secs. 25 and 30
 Ta. 10020'E.

Ascend gradually
 Top of ridge to S. and N.

5.70

... of stone alongside

E. W. T. 23 St. R. 17 E.

Chairs

- 37.00 30 ft. high and around
 Draw, 25 links wide
 Co. S. N. and around
- 40.00 Set a basalt stone
 20 x 14 x 10 ins. 15 ins. in
 the ground for "14"
 Sec. Cor. marked "4" on
 N. face and raised a
 mound of stone alongside
 into impassable
- 50.00 Begin to descend gradually
- 50.00 Set a sandstone 20 x 15 x 10
 ins. 15 ins. in the
 ground for Cor. to
 Secs. 19, 24, 25 and 30
 marked with 2 note trees
 on S. and 4 note trees
 on N. edges and
 raised a mound of stone
 alongside. Into impassable

E. W. J. 23 A. R. 17 E.

Chairs

Soil a gently rolling
Soil 3rd. Date
good grass

North Mt. Sec. 19 and 24
Va. 13° 25' E.

Descend gradually

1500 a spring ~ 120 lbs
N. of Chair

1800 Winslow and Moggi
road frs. $\approx 20^\circ$ E. and
 $\approx 20^\circ$ N.

2000 Centre of sag frs. $\approx 20^\circ$ E.
and $\approx 20^\circ$ N. and ascend

4000 Set a fault stone
20 x 15 x 10 ins. 15 ins. in
the ground for 1/4 Sec.
Gr. marked 1/4 on N.
face and raised a
mound of stone alongside

E. O. T. 23 N. O. P. 17 E.

Chains

80.00 Pits impracticable
 Deposited marked
 stone 12 ins. in the
 ground for the to
 Secs. 13, 18, 19 and 24
 along subs. 18x18x12
 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
 over it. On S.E.
 pit. drove a stake
 2 ft. long 2 ins. sq. 12
 ins. in the ground
 marked
 T. 23. N. S. 18 on N.E.
 R. 15 E. S. 19 on S.E.
 R. 17 E. S. 24 on S.W.
 and S. 13 on N.W. face;
 within 3 notches on

E. B. T. 23 N. R. 17 E.

Chains

S. and N. edges.
 Surface gently rolling
 Soil 3rd. rate
Good grass

North pt. Sec. 13 and 18
 Ta. 10020'E.

4000 Descend gradually
 Deposited marked
 stone 12 ins. in the
 ground for 1/4 Sec. Cor.
 dug pits 15x15x12
 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. over it.
 In N. pit drove a
 stake 2 ft. long
 2 ins. sq. 12 ins. in

E. Q. S. 23 St. R. 17 E

Chairs

the ground marked
114 S. on N. face

5000

Begin to dig and gradually

8000

Deposited marked stone
12 ins. in the ground
for Cor. to Sec. 7, 12,

13 and 18 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. tree over it.

In S.E. put down

a stake 2 ft. long

2 ins. sq. 12 ins. in

the ground marked

S. 23 St. S. 7 m N.E.

R. 17 E. S. 8 on S.E.

R. 17 E. S. 13 on S.N. and

S. 12 on N. N. face.

E. B. I, 23 St. R. 17 E.

Chairs

4 notches on S. and
 2 notches on N. edges.
 Surface quite rolling
 Soil 3rd. rate
Good grass

North Mt. Dec. 7 and 12
 Va. 13° 20' E,

1819 Descend gradually
 North 20 links wide
 Co. S. N. and ascend
 gradually

4 000 Set a basalt
 stone 20 x 15 x 10 ins. 15
 ins. in the ground
 for "4 Sec. Cor. mark-
 ed "4 on N. face and
 raised a mound
 of stone along side
 of it - unpractical

E. W. T. 20 Cr. R. 17 E.

Chains

8000 Set a fault stone
 30x20x10 ins. 22 ins.
 in the ground for
 Cor. to Sec. 1 N. 7 and 12
 marked with 5 notches on
 S. and 1 notch on
 N. edges. and raised
 a mound of stone alongside
 pits unpracticable
 surface gently rolling
 Soil about 3rd rate
 some grass and scrub

North pt. Sec. 1 and 6
 Va. 13° 20' E.

4000 Record gently
 Deposited marked
 stone 12 ins in the
 ground for 1/4 Sec. Cor.
 dug pits 18x18x12 ins.

E. Q. T. 23 N. R. 17 E.

Chains

At. 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 over it. In
 At. pit drove a stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground
 marked "4 S. of N. face"

80.00

Set a basalt stone 20
 $\times 10 \times 10$ ins. 15 ins. in the
 ground for Cor. to Tps.
 23 and 24 N. R. 17 and
 18 E. marked with
 6 inches on each
 edge dug pits $2.4 \times 1.8 \times 1.2$
 ins. lengthwise on each
 line At. S. E. and At.
~~of stone 6 ft. dist. and~~
 raised a mound of stone

E. O. J. 2004. Q. 17 E.

Chains

2 1/2 ft. high to 5 ft. base
 al pr grade. Pkts impracticable
 Surface gently
 rolling good grade
 At out 3rd rate

S. 24 Cr. R. 17 E.

Chains

From the Cor. to Sp. to Sp. 23 and 24 Cr. R. 17 and 18 E. just established by me. I ran a line bet. said Sp. with a variation of $13^{\circ}20' E.$, cutting temporary 44 and 1 Sec. Cors. at each 40 and 80 Chs. and at 477 Chs. arrive at a point 92 links N of the Cor. to Sp. 23 and 24 Cr. R. 16 and 17 E. on the 4th Aux. Mer. which was recently established by me. Thence I ran Pt. $89^{\circ}53' E.$ on a true line bet. Sp. 6 and 31

S. W. T. 24 N. P. 17E

Chains

Jan. 13° 20' E.

Descend over rolling ground

37.00

Deposited marked stone 12 ins. in the ground for "4 Sec. Cor. dug pits 18x18x12 ins. E. and N. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked "4 S. on N. face

44.12

Begin to descend gradually

72.30

Wash 18 inches wide to S. and around

A. B. T. 24 N. R. 17 E.

Chains

77.00 Deposited marked stone
 12 ins. in the ground for
 Cor. to Side. S. 6. 31,
 and 32 dug pits 18x18
 x12 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 over it.
 In S. E. pit drove
 a stake 2 ft. long
 2 ins. sq. 12 ins. in
 the ground marked
 S. 24 N. S. 32 on N. E.
 R. 17 E. S. 5 on S. E.
 S. 23 N. S. 4 on S. N.
 and S. 31 on N. N. face,
 with 1 notch on N.
 and 5 notches on E. edges.
 Surface quality rolling

S. B. T. 24 Cr. P. 17 E.
Chains

Soil 3rd. rate

Good grass some sage brush

N. $89^{\circ}53'$ E. on a true line
ft. S.W. 5 and 32
Va. $13^{\circ}20'$ E.

Ascend gradually

40.00

Dep. marked marked
stone 12 ins. in the
ground for 14 Sec. Cor.
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
over it. In E. pit.
drove stake 2 ft. long
2 ins. sq. 12 ins. in
the ground marked

S. B. J. 24 et. P. 17 E.

Lains

8000 44 S. on et. face
 Deposited marked stone
 12 ins in the ground
 for Cor. to Sec.
 4. 5. 32 and 38 indug
 pits 18x18x12 ins. in
 each Sec. 5 1/2 ft. dist.
 and raised a mound
 of earth 2 ft. high 4 1/2
 ft. face over it.
 In S.E. pit drove
 a stake 2 ft. long
 9 ins. sq. 12 ins.
 in the ground marked
 S. 24 et. S. 33 on et. E.
 P. 17 E. S. 4 on S.E.
 J. 23 et. S. 5 on S. N.
 and S. 32 on et. N. face.
 with 2 notches on N. and
 4 notches on E. edge

S. B. J. 24 St. R. 17 E

Chains

Surface gently rolling
Soil sandy 3rd. rate
Fine grass some sagbrush

North $59^{\circ}58'$ E. on a
true line Pt. Sec. 4 and 23
No. $13^{\circ}20'$ E.

40.00

Over nearly level land
Deposited & marked
stone 12 ins. in the
ground for "4 Sec. 600.
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 $8\frac{1}{2}$
ft. base over it. in
E. pit drove a stake
2 ft. long 2 ins. sq. 12
ins. in the ground

S. 24 N. R. 17 E.

Chains

8000 marked "42 on N. face
 Deposited marked
 stone 12 ins. in the
 ground for 400. to
 Sec. 24. 23 and 24
 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 over it. Du.
 S.E. pit. drove stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground
 marked

S. 24 N. S. 24 on N.E.
 R. 17 E. S. 3 on S.E.
 S. 23 N. S. 4 on N.W.
 and S. 33 on N. face,
 with 3 notches

S. B. T. 24 N. R. 17 E

Chains

on ~~E~~ and ~~W~~ 10940.
 " surface gently rolling
 Soil sandy 2nd. rate
 good grass some sagebrush

St. $89^{\circ} 52' E$ on a true line
 bet. ' Secs. 3 and 34
 Va. $13^{\circ} 20' E$.

4000

Ascend gradually
 Deposited marked
 stone 12 ins. in the
 ground for "4 Sec. Cor.
 Long 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 over it. In
 E. pit. drove stake
 2 ft. long 2 ins. ov.

S. B. T. 24 S. Q. 7 E.

Chains

6.00

7.00

12 ins. in the ground
marked "4". On again

Begin to descend very gradually

Set a basalt stone 20 x 20 x
15 ins. 18 ins. in the ground

for Cor. to Sides 2, 3,
34 and 35 marked with
4 notches on N. and 2
notches on E. edges;

and raised a mound
of stone alongside.

Pike impracticable

Surface gently rolling
Soil about 3rd. rate

Good grass some sage brush

S. 89° 53' E. on a true line
bet. Sides 2 and 35

Sa. 130 20' E.

Descend gradually

S. B. J. 24 St. P. 17E.

Chains

- 250 Wash 18 links wide Co.
 S.W. and around
- 4000 Set Basalt stone
 25x10x4 ins. 18 ins. in
 the ground for "4 Sec.
 Cor. marked "4 on
 N. face, and raised
 a mound of stone along
 pits impracticable
- 8000 Set a basalt stone 30x20x
 10 ins. 22 ins. in the
 ground for Cor. to Sec.
 1, 2, 35 and 36 marked
 with 5 notches on N. and
 1 notch on E. edges, and
 raised a mound of stone
 along side. Pits impracticable
 surface rough and rocky
 Soil 4th rate
 Very little grass

S. B. T. 24 ct. P. 17 E.

Chains

N. $79^{\circ}53'$ E. on a true
line bet. Secs. 1 and 26
Ta. $13^{\circ}20'$ E.

Bound gradually

10.00 Top of spur tree ct.
and S. 75 ft. high
and descend

4000 Set a basalt stone
 $20 \times 20 \times 15$ ins. 15 ins. in
the ground for "4 Sec.
Ct. marked "4 on
ct. face and avoid
a mound of stone
along side. Pits impracticable

5000 The cor. to Tps. 23
and 24 ct. R. 17 and
18 East.

Surface rough
and rocky

S. O. T. 24 N. P. 17 E.

Chains

Very ^{poor} soil and ^{poor} grass

I carefully examined
the adjustments of
my Solar Compass
to-day particularly
the Latitude and
reversing apparatus
and found them correct.

Oct. 24th 1882.

E. B. J. 24 St. R. 17 E.

Chairs

From the Cor. to Spot
23 and 24 St. R. 17
and 18 E. recently
established by Tom.
I run North ~~let~~
Sec. 31 and 36

Va. 18920 E.

Ground

4000

Set a basalt stone, 8 x 2 x 4 ins., 2 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 E.
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.

8000

Deposited marked
stone 12 ins. in the ground
for Cor. to Sec. 25, 30,
31 and 36 dug pits
18 x 18 x 12 ins. in each
Sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of

E. O. T. 24 N. R. 17 E.

Chains

of earth 2 ft. high
 4 1/2 ft. tall over it.
 In S.E. pit drove a
 stake 2 ft. long diam.
 sq. 12 ins. in the ground
 marked

S. 24 N. S. 30 on N.E.
 R. 18 E. S. 31 on S.E.
 R. 17 E. S. 36 on S.N.
 and S. 25 on N. N. jaws.
 with notch on S. end
 5 notches on N. edge.

Surface gently rolling
 Soil 3rd. rate
 Good grass some sagebrush

North pt. Sec. 25 and 30
 Va. 13° 20' E.

Discussed gradually
 Deposited marked

E. B. T. 24 N. R. 17 E.

Chains

stone 12 ins. in the
ground for 114 Sec. 17 E.
dug pits 18x18x12
ins. N. and S. of
stone 5 1/2 ft. diam.
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base over it.
In N. pit, drove a
stake 3 ft. long
sq. 12 ins. in the
ground marked "4 S."
on N. face

8000

Deposited marked stone
12 ins. in the ground
for 17 E. to Dec. 19, 24.
25 and 30 dug pits
18x18x12 ins. in each
Sec. 5 1/2 ft. diam. and
raised a mound

E. R. T. 24 N. R. 17 E.

Chairs

quarters 2 ft. high 4 1/2 ft.
 Place over pit. In S.E. pit
 drove a stake 2 ft.
 long into sq. 12 ft. in
 the ground marked

T. 24 N. S. 19 on N.E.

R. 18 E. S. 20 on S.E.

R. 17 E. S. 20 on S.W.

and S. 24 on E.W. face:
 with 2 notches on S. and
 4 notches on N. edge.

Surface gently rolling
 Soil 2nd. rate

Good grass: some sagittaria

North pit Area. 19 and 24
 Va. 3020 E.

Depend gradually
 Situated as an distance
 20 x 16 x 4

4 070

E. D. T. 24 A. R. 1 E.

Chains

15 ins. in the ground
for 14 Sec. Cor. marked
"14 on N. face and
raised a mound of
stone along side.

Pits impracticable

6240

Wash of Luke Lide Co. N.

20° E. Continue to descend

8050

Set a sand stone 20/60 ins., 15 ins. in
the ground for Cor. to Secs, 13/8/924 marked
with 3 notches on S. and 3 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. alongside.

Surface gently rolling
Soil 3rd. rate
good grass

E. B. T. 24 N. R. 17 E.

Chains

North 1st. Sec. 13 and 18
T₄ N. 13' 20' E.

150 Descend gradually
Wash 20 links wide
Co. N. 30' N. Continue
to descend

4000 Deposited marked
stone 12 ins. in the
ground for "4 Sec. Cor.
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. tall over it.
In N. pit drove a
stake 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked "4 S.
on N. face.

E. B. T. 24 A. R. 17 E.

chains

80.00

Set a lime stone $21 \times 18 \times 10$ ins. in the ground for Cor. to Secs. 7, 12, 13 marked with 4 notches on S. and 2 notches 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.

Surface gently rolling
Soil 3rd. rate

Good grass

North lat. Secs. 7 and 12
Va. $13^{\circ} 30' E.$

Ground gradually

98.60

March 22 links with Co. N.
accord.

40.00

Disputed marked stone
12 ins. in the ground
for 44 Sec. Cor. dug pits
 $18 \times 18 \times 12$ ins. N. and
S. of stone $5\frac{1}{2}$ ft.
dist. and raised

41 B.
 24 Cr. R. 17 E.

Chains

a mound of earth $1\frac{1}{2}$
 ft. high $3\frac{1}{2}$ ft. base over
 it. In S. E. fut. drove
 a stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked "42" on N. face

8000

Deposited marked stone
 12 ins. in the ground
 for Cor. to Sect. 1. 6. 7 and 12
 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 over it.
 In S. E. fut. drove
 a stake 2 ft. long 2 ins.
 sq. 12 ins. in the
 ground marked
 24 Cr. S. 6 m N. E.
 R. 18 E. S. 7 m S. E.

E. 18.

S. 24 N. R. 17 E.

Chains

R. 17 E. S. 12 or S. 11.
and S. 1 or N. 1. faves.
with 5 white in S. and
1 white in N. edges.

Surface gently rolling
Soil 3rd. rate

✓ Good grass some papertush.

North Mt. Sec. 1 and 6
Va. 10° 20' E.

Ascend gradually

4.00

Deposited marked
stone 12 ins. in the
ground for "4 Sec. Cor.
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 over it.

E. B. T. 24 N. R. 17 E

Chains

80.65 On N. pit drove
 stake 2 ft. long
 2 ins. sq. 12 ins. in
 the ground marked
 1/4 S. on N. face
 Subtract both Standard
 Parallel or 42.80 Chs
 West of the Standard
 Corner to Sp. 21
 Co. 17 and 18 E. ^{presently established} at ^{the} ^{same}
 point of intersection
 Set a post 4 1/2 ft.
 long 4 ins. sq. well
 marked down 12 ins.
 in the ground for
 bluing Cor. to Sp.
 20 N. Co. 17 and 18 E.
 marked C. C. S. 20 N
 S. R. 18 E. S. 4 on E.
 R. 17 E. S. 1 on N.

No. 1254

E. D. T. 24 or. P. 17 E.

Chains

fauc. with 6 notes
 on S. E. and N. facies
 dug pits $24 \times 18 \times 2$ ins.
 crosswise on each
 line S. E. and N. of post
 6 ft. dist. and raised
 a mound of earth $2\frac{1}{2}$
 ft. high 5 ft. base
 around post.

Surface ^{quality} rolling
 Soil about 3rd. rate

Good grass or meadow

I carefully examined
 the adjustments of my
 Solar Compass to-day
 particularly the latitude
 and reversing apparatus
 and found them correct
 Oct. 10th 1882

E. Q. T. 21 N. R. 15 E.

Charis

Standard

From the Cor. to Sec.
21 N. R. 15 and 16 E.
recently established by me
I ran North Pit.
Sec. 31 and 36

Pa. 13° 00'

27.50 ~~27.50~~ ~~40.00~~ ~~40.00~~ Descend through timber
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.

58.00

Ascend through timber
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. 21 N S. 30 0.0
N. E. R. 16 E S. 31 m d E R. 15 E. S. 36 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.

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. 21 N S. 30 0.0
N. E. R. 16 E S. 31 m d E R. 15 E. S. 36 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.

E. B. J. 21 N. R. 15 E.

Chains

and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft.
base around post.

Surface level
Soil sandy and rate
little grass scrubby timber

At the bet. Sec. 25 and 30
Ta. $13^{\circ} 30' E$.

In river bottom

4000

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.

5330

Old Salt Lake road
brs. N. 80° N. and S. 80° E.

5440

Trail 50 links wide W. N.

E. Q. T. 21 N. Q. 15E

Chairs

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 19, 24, 25, 20 marked T. 21 N. S. 19 on N. E. R. 16E S. 30 m SE. R. 15E S. 20 on S, W, and S, 24 on N, W, faces with 2 notches on S, and ~~4~~ notch ~~is~~ 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.

Surface level
Soil 2nd. rate
Little grass

North bet. Secs. 19 and 24
Va. 18° 30' E.

Over level bottom land

2.25 Wash 20 miles wide
Co. N.

35.35 Wash 30 miles wide
Co. N.

E. B. T. 21 A. R. 10-E.

Chairs

1000

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.

5000

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. 2^{1/2} S. / 8 on N. E. R. 16 E. S. 19 on S. E. R. 15 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. $4\frac{1}{2}$ ft. base. around post.

Surface level

Soft 2nd. rate

Good grass and some
scattered sage brush

E. C. R. 21st N. R. 15^E

Chains

North pt. Sec. 13 and 18
Co. 13° 30' E.

Over level ground

4000

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.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 7, 12, 13 and 18 marked T. 21 N. S. 7 on N. E. R. / 6 E. S. 18 on S. E. R. 15 E. S. 13 on S, W, and S, 12 on N, W, faces with 4 notch 10 on S, and 2 notch 10 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 level
Soil about 3rd. rate
Good grass some oagstruck

E. B. T. 21st. R. 15 E.

Chairs

North W. Sec. 7 and 12
Ta. $10^{\circ}30' E.$

Over level ground

4 0.00

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.

70.00

80.00

Sign to record

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 16.7 and 12 marked T. 21 N. S. 6 on N. E. R. 16 E. S. 7 on S. E. R. 15 E. S. 12 on S, W, and S, / on N, W, face, with 5 notches on S, and / 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 rocks level
remainder rough
Soil 3rd. note

E. P. T. 21 St. P. 15 E

Chains

Good grass some sage brush

North bet Sec. 1 and 6
 Va. $130^{\circ}47'E.$

Proceed gradually

197
 40.00

Enter into a trs. E. and N.

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.

8000

Set a post $4\frac{1}{2}$ ft.
 long 4 ins. sq. with
 marked stone 12 ins.
 in the ground for Cor.
 to Tps. 21 and 22 N.
 P. 15 and 16 E. marked
 S. 22 N. S. 31 on N.E.
 P. 16 E. S. 6 on S.E.
 S. 21 N. S. 1 on S.W.

E. B. J., 27 St. R. 15 E.

Chairs

and R. 15 E. S. 36 or 40 ft.
 face: with ~~concrete~~ on
 each edge dug pits
 24 x 18 x 12 ins. lengthwise
 on each line N. S. E.

and N. of post 6 ft.
 dist. and raised a
 mound of earth 2 1/2
 ft. high 5 ft. base
 around post

Surface gently rolling
 Soil about 3rd. rate
 Fine grass and some
sage brush

S. B. T. 22 cr. P. 16 E.
Chauis.

From the Cor. to Tps.
21 and 22 cr. P. 15
and 16 E. just established
by me. I run
East on a random line
bet. said Tps. with a
va. of $13^{\circ}45' E$. setting
temporary 14 and Sec.
Cros. at each 40 and
80 Chs. and at 480, 20
Chs. intersect 4th aux.
Mar. 294 miles S. of
the Cor. to Tps. 21 and
22 cr. P. 16 and 17 E.
which was recently
established by Tom.
Thence I run
 $S. 89^{\circ}39' N$. on a true
line bet. Sec. 1 and
36

BOOK 1254
S. B. T. 22 N. Q. 16 E.

Chains

No. 13035 E.

Discard

26.00 Nail 30 links with Co S,
400 ft and around

40.00 Set a flint stone 18x14x6
ins. 12 ins in the
ground for "4 Sec. Cor.
marked "4 on N. face
and raised a mound
of stone along side
Pit's impracticable

80.00 Set a flint stone 16x8x6
ins. 11 ins. in the ground
for Cor. to Sec. 1. 2. 35
and 36 marked with
1 notch on E. and 5
notches on N. edges,
and raised a mound
of stone along side
Pit's unpracticable

Chains

Surface rough and rocky
 No soil
 No grass

S. $89^{\circ}39'$ N. on a
 true line bet. S. nos. 2 and 35
 Va. $13^{\circ}35'$ E.

Uscuid

24.00

Top of spur fr. N.E.
 and S.N. 75 ft. high
 and devoid

40.00

Set a sand stone, $16 \times 12 \times 4$ 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.

80.00

Deposited marked stone
 $\frac{1}{2}$ mi. in the ground
 for Cor. to Sec. 2, 3, 34 and
 35 dug pits $18 \times 18 \times 12$
 ins. in each. Sec $5\frac{1}{2}$

Chaise

ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft true over it. In S. E. put drove a stake 2 ft. long 2 ins sq. 12 ins. in the ground marked

V. 22 N. S. 35 on N.E.

R. 16 E. S. 2 on S.E.

T. 21 N. S. 3 on S. N.

and S. 34 on N. N. faces with 2 notches on E. and 4 notches on N. edges

Surface rough and rocky

Soil sandy & the rest
No vegetation

S. $59^{\circ}39'$ N. on a true line bet. Dec. 3 and 3 $\frac{1}{2}$

S. B. T. 22 of P. 16 E.

Chairs

Va. 13° 35' E.

Ground

40.00

Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
pits 18x18x12 ins. E. and
N. of stone 5½ ft. dist.
and raised a mound
of earth 1½ ft. high
3½ ft. base over it.

In E. pit drove a
slate 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked "4 S.
on N. face.

8000

Set a basalt stone 16x14
x4 ins. 11 ins. in
the ground for Cor.
to E. Sec. 34, 33 and 34
marked with

S. R. I. 22 N. R. 16 E.

Chain

Plots on E. and N. edges
and raised a mound
of stone slabs
of *P. imprudens*
Surface rough and rocky
Soil sandy & the rest
No vegetation

S. $89^{\circ} 39' N.$ on a true
line to Sec. 4 and 23
Ta. $13^{\circ} 35' E.$

Ground

60 Wash. 90 links, wide Co.
S. N. and ground

4000 Deposited marked stone
12 ins. in the ground
for 14 Sec. 4. dug
pits 18 x 18 x 12 inches
E. and N. of stone $5\frac{1}{2}$
ft. dist. and raised

S. D. T. 22 N. R. 16 E
 Chain

a mound of earth
 1 1/2 ft. high 3 1/2 ft. base
 over it. In E. pit
 drove a stake 2 ft. long,
 4 ins. sq. 12 ins. in the
 ground marked 14 S
 on N. face

81.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs,
 4 S. 32 and 33 marked T. 22 N. S. 33 on
 N. E. R. 16 E. S. 4 on S. E. T 21 N. S. 5 on
 S, W, and S, 32 on N, W, face, with 2 notch
 on W and 4 notch 10 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.

Surface broken
 Soil 4th rate sandy
 No vegetation

S. B. T. 22 Cr. R. 16 E.

Chain

S $79^{\circ}39'N$. on a
true line bet. 5 and 32
Va $1^{\circ}30'E$.

Ascend

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 pile 18 x 18 x 12
ins. E. and N. of post $5\frac{1}{2}$ ft. dist. and raised
a mound of ^{petrified wood} earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post.

60.00

Top of spur trs. Ct. and S.
40 ft. high and descend

73.00

Wash 18 links wide Co. S.
and ascend

78.63

Top of spur trs. Ct.
and S. 20 ft.
high and descend

over.

S. 22 N. R. 16 E.

Chain

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 31 and 32 marked T. 22 N. S. 32 on N. E. R. 16 E. S. 5 on S. E. T. 21 N. S. 6 on S, W, and S, 31 on N, W, face with / notch on N, and 5 notch so 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 rolling
 Sat 3rd. rate
 Good grass

S. 89° 39' N. on a true
 line bet. Secs. 6 and 31
 Va. 13° 35' E.

Dwound

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 N of post 5½ ft. dist. and raised a mound of earth 1½ ft, high. 3½ ft. base. around

post.

S. B. T. 22 N. P. 16 E.

Chains

8020 The Cor. to Tps. 21 and
22 N. P. 15 and 16 E.

Surface rolling
Srd 3rd. to 4th rate
Little grass

I carefully examined
the adjustments of
my Solar Compass
to-day particularly
the latitude and leveling
apparatus and found
them correct

October 7th 1882

E. B. T. 22 N. R. 15 E.

Chain

From the Cor. to Sta.
21 and 22 North R.
15 and 16 E. which was
recently established by me.
Depth North pit.
Sec. 21 and 26

Va. $13^{\circ}45'E$.

Ascend gradually

4000

Dep. bored & marked
stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor.
Dug pit: $18 \times 18 \times 12$ ins.
N. and S. of stone
 $5\frac{1}{2}$ ft. dist. and
raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
base over pit. In
N. pit drove a stake
2 ft. long 2 ins. sq. 12
ins. in the ground

E. B. J. 22 of R. 15 E.

Chain.

56.20

marked "4" S. on N. face
 West 25 links to S. W.
 Continue to 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, 26, 27, 28 marked T. 22 N. S. 30 on
 N. E. R. 16 E. S. 31 on S. E. R. 15 E. S. 36 on
 S. W. and S. 25 on N. W. face with 1 notch
 on S, and 5 notch on N. edges, dug
 pits 13 x 13 x 12 ins. in each Sec., 5 1/2 ft. dist.
 and raised a mound of earth 2 ft. high 4 1/2 ft.
 face around post.

Lead rolling
 Soil sandy 3rd. rate
 Good grass

North pt. Sec. 25 and 26
 Va. 13030' E.

Ascend gradually
 Deposited marked stone
 12 ins. in the ground

+0.00

E. R. T. 22 or R. 15 E

Chains

for "4 Sec. Cor. dug pits
 18 x 18 x 12 ins. at 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. tall over it.

On N. pit drove a
 stake 2 ft. long 2 ins. sq.
 12 ins. in the ground
 marked "4 S. on N. face

7120 Mark 35 buks ^{wide} "4. S. 40 N
 Continue to record

8000 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor. to Secs,
 1924. 25.20 marked T. 22 N. S. 19 on
 N. E. R. 16 E S. 20 on S. E. R. 15 E. S. 25 on
 S, W, and S, 24 on N, W, face, with 2 notch
 on S, and 4 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.

E. W. T. 22 St. R. 15 E.

Chains

face around post.

Land rolling

Soil sandy 2nd. rate

Good grass

North lat. Sec. 19 and 24
Va. 13° 30' E.

4 000

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 W. 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. ✓

6000

8 500

Top of spur hrs. E. and W. and disced

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. 22 N. S. 18 on

N. E. R. 16 E S. 19 or S. E. R. 15 E. S. 24 on

S. W, and S, 13 on N, W, face, with 3 notch

on S, and 3 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.

E. O. J. 22 N. P. 10 E.

Chains.

base. around post.

Land rolling
Soil 2nd. rate
Good grass

North pt. Sec. 13 and 15
Twp. 13045 E.

Decid

4000

Deposited marked
stone 12 ins. in the
ground for 114 Sec. Cor.
Dig pit 18 x 18 x 12 ins.
N. and S. of stone 5 1/2
ft. dist. and raised
a mound of earth
11 1/2 ft. high of 3 1/2 ft
long over it. In. N.
Post drove a stake 2
ft. long 2 ins.
12 ins. in the

E. B. T. 22 A. R. 15 E.

Chains

6.00

8.00

ground marked
 1/4 S. on N. face
 Wash 125 links wide
 Co. S. 40° N. and ascend

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. 22 N. S. 7 on
 N. E. R. 16 E. S. 18 on S. E. R. 15 E. S. 13 on
 S. W. and S, 12 on N. W. face, with 4 notch ¹⁰
 on S, and 2 notch ¹⁰ 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.

Says nothing
 Soil 3rd. rate

Good grass

North pt. Sec. 7 and 12
 Pa. 13045 E.

ascend

4.00

Deposited marked stone

106
 E. O. T. 22 N. R. 15 E.
 Chains

12 ins. in the ground
 for $\frac{1}{4}$ Sec. Cor. 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 over it. In N.
 part drove a $\frac{1}{2}$ " stake 2
 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 $\frac{1}{4}$ S. on N. face

8000

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 16.7 and 12 marked T. 22 N. S. 6 on
 N. E. R. 16 E, S. 7 on S. E. R. 15 E. S 12 on
 S, W, and S, / on N, W, face, with 5 notches
 on S, and / 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. around post.

David rolling

E. O. T. 22 of R. 15 E.

Chains

Soil 2d. nat

Good grass and scattering
sage brush

North Pt. Sec. 1 and 6
Va. 13° 45' E.

Ascend

4000 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for $\frac{1}{2}$ S. c. Cor.
marked $\frac{1}{2}$ S. on N. face, dig 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.

8000

Set a post $4\frac{1}{2}$ ft. long
4 ins. sq. 12 ins. in the
ground for Cor. to Spt.
22 and 23 of R. 15 and
16 E. marked

T. 23 of S. 31 on N.E.

R. 16 E. S. 6 on S.E.

T. 22 of S. 1 on S.W. and

E. O. T. 22 St. R. 15 C.

Chavis

R. 15 C. T. 26 on N. St. June
with 6 notches on each
edge. dug pits 24x18x12
ins. dug thrice on each
line St. S. E. and N.
of dist 50 ft. dist.
found rapid a mound
of earth 2 1/2 ft. high
5 ft. tall around pit.
Land rolling
Soil 3rd rate
Good grass and scattering
page brush

S. B. T. 23 N. R. 16 E.

Chassis

From the Cor. to Tps.
22 and 23 cr. R. 10
and 16 E. just established
by me. I run East
on a random line bet.
said Tps. with a ca.
of $13^{\circ} 35' E.$ setting trip-
forary 44 and Sic.
at each 40 and
80 Chs. and at 479.00 Chs.
arrive at a point 249
links S of the Cor. to
Tps. 22 and 23 cr. R.
16 and 17 E. which was
recently established by me
thence I run $S. 89^{\circ} 42' N.$
on a true line bet.

Sic. 1 and 36

$\angle a. 13^{\circ} 40' E.$

As usual

170
 S. B. T. 23 Cr. R. 16 E.

Chains

4 000 Deposited marked
 stone 12 ins. in the
 ground for $\frac{1}{4}$ Sec.
 Cor. dug pits 18x18x
 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 over it.
 In E. pit drove a
 stake 2 ft. long 2 ins
 sq. 12 ins. in the
 ground marked $\frac{1}{4}$
 S. on N. face

8 000 Set a lime stone 6x4x6 ins, 71 ins. in
 the ground for Cor, to Secs, 2, 3, 5, 26 marked
 with 5 notch on W and 1 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. alongside.

S. B. I. 23 St. P. 16 E.

Chains

Surface rough
 Short 3rd. rate
Little grass

S. $89^{\circ}42'N$. on a true
 line bet. Secs. 2 and 35
 Va. $130^{\circ}35'E$.

ascend gradually

Deposited marked
 stone 12 ins. in the
 ground for "4 Sec.

Cor. dug pits 18×18
 $\times 12$ 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 over it.

In E. pit drove a
 stake 12 ft. long 2 ins.
 sq. 12 ins. in the

S. B. T. 23 Cr. P. 16 E.

Chains

ground marked
 8800 $\frac{1}{4}$ S. m Cr. face
 Depicted marked stone
 12 ins in the ground
 for Cor. to Sec. 23
 34 and 35 - 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
 over it. In S.E. pit
 drove a stake 2 ft.
 long 2 ins. sq. 12 ins.
 in the ground
 marked
 S. 23 Cr. S. 35 on Cr. E.
 P. 16 E. S. 2 on S. E.
 S. 22 N. S. 3 on S. N.
 and S. 34 on Cr. N. face

S. 23 N. R. 16 E.

Chains

with 2 notches on E.
and 4 notches on
N. edges.

Surface rolling sand hills
Soil 3rd. to 4th rate
Scattering grass and
vegetation

S. 89° 42' N. one true
line bet. S. 102. 3 and 34
Va. 13° 35' E.

4000
Spent gradually
Dipstick marked stone
12 ins. in the ground
for 14 in. Hor. dug
pit 18 x 18 x 12 ins. E. and
N. of stone 5 1/2 ft. dist.
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base over it.

S. 23 N. R. 16 E.

Chino In C. pit drove a
 stake 2 ft. long 2 in.
 sq. 12 in. in the ground
 marked "4 E. N. S. 1/2 S. 23
 6000 Top of divide to N. 15° N.
 and S. 15° E. and descend
 8000 Deposition marked same
 12 in. in the ground
 for Com. to S. 1/4, 33
 and 34 dug pits 18x18x12
 in. in each Sec. 5 1/2
 ft. diam. and raised a
 mound of earth 2 ft.
 high 4 1/2 ft. base over
 it. In C. E. pit, drove
 a stake 2 ft. long 2 in.
 sq. 12 in. in the ground
 marked
 S. 23 N. S. 34 on S. E.
 R. 16 E. S. 3 on S. E.

S. B. S. 23 N. R. 16 E.

Chains

S. 22 N. S. 4 on S. N.
and S. 33 on N. N. faces;
with 3 notches on E.
and N. edges

Surface rolling sand hills
Soil 3rd. to 4th rate
Scattering grass and sage brush

S. 89° 42' N. on a true
line bet Sice. 4 and 33
Va. 130° 55' E.

4000

Descend gradually
Deposited marked stone
12 ins. in the ground
for 14 Sice. terr. dug
pits - 18 x 18 x 12 ins.
E. and N. of stone
5½ ft. dist. and
raised a mound
of earth 1½ ft.

S. B. I. 20 Cr. R. 16 E.

Chairs

6

6

8

8000

high 3 1/2 ft. face over
it. In E. pit. drove a
slate 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked "4
D on N. face

Deposited & marked
2 ins. 12 ins. in the
ground for Cor. to
Sec. 4 5. 32 and 33
dug pits 18x18x12 ins.
in each Sec. 5 1/2 ft.
dist. and raised a
mound of earth 2 ft.
high 4 1/2 ft. face over
it. In S.E. pit
drove a slate 2 ft.
long 2 ins. sq. 12 ins.
in the ground marked
S. 20 Cr. S. 33 on Cr. E.

S. B. T. 28 N. R. 16 E.

Chain

R. 16 E. S. 4 on S. E.
 S. 22 N. S. 5 on S. N. and
 S. 32 on N. N. faces. with
 2 notches on N. and 4
 notches on E. edges.
 on top of ridge bet.
 N. N. and S. E.

Surface rolling sand hills
 Soil 3rd. rate
 Scattering grass and
vegetation

S. 90 42' N. on a true line
 bet. Secs. 5 and 32
 Va. 13535 E.

4000
 Dug gradually
 Deposited marked
 stone 12 ins. in the
 ground for 14 Sec.
 Cor. dug Feb 1888

S. B. I. 23 A. P. 16 E.

Chains

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 over it.
In E. pit. drove a
stake 2 ft. long 2 in.
sq. 12 ins. in the
ground marked "14 S.
on N. face.

8000

Deposited marked stone
12 ins. in the ground
for Cor. to Secs. 5, 6, 31 and
32 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
over it. In S.E.
pit. drove stake a.

S. B. T. 23 of R. 16 E.

Chain

stake 2 ft. long 2 ins.
 sq. 12 ins. in the
 ground
 marked
 T. 23 of S. 32 on N.E.
 R. 16 E. S. 5 on S.E.
 T. 22 of S. 6 on S.W.
 and S. 31 on N.W. faces
 with notch on N.
 and 5 notches on E. edges.
 Surface rolling and
~~grass~~ broken
 Just sandy soil. rate
 But little grass

S. 89° 42' N. on a true
 line bet. S. 31 and 31
 7a. 13° 35' E.

Descend gradually
 Deposited marked stone

S. B. T 23 N. R. 16 E.

Chain

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

Dug pit: 18 x 18 x 12 ins.
E. and N. of town $3\frac{1}{2}$

ft. dist. and raised
a mound of earth

$1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
back over it. In E.
pit drove a stake 2
ft. long 2 ins. sq. 12 ins.

12 ins. in the ground
marked $\frac{1}{4}$ S. on N. fall

7900

To the cor. to Twp.
22 and 23 N. R. 15 and 16 E.

Surface rolling and level
Soil 3rd rate

Grass scanty

S. B. J. 20 A. P. 16 E.
Chairs J. S. R. M.

I carefully examined
the adjustments of
my Solar Compass
today particularly
the latitude and
reversing apparatus
and found them correct.
October 9th. 1882

E. Q. T. 23 Ch. R. 10 E.

Chairs

From the top to Sp. 22 and 23 Ch. R. 10 and 16 E. just recently established by one I run north of lat Dec. 31 and 26 Va. $10^{\circ} 25' E.$

Ascend gradually

4 0.00

Deposited marked stone 12 ins. in the ground for "4 Sec. Coal dug pits 8 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 over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked "4 S. on N. face

E. B. J. 23 cr. R. 15 E.

Chassis

5000 Top of ridge hrs cr. N.
and S.E. Vans down gradually

8000 Dips cited marked down
in view in the ground
for Cr. to S. 25, 30, 31
and 36 dug pits 18x18x12 ins.
in each S. 5 1/2 ft.
- dist. and raised a
mound of earth 2 ft.
high 4 1/2 ft. base over
it. In S.E. pit drove
a stake 21 ft. long 2 ins
sq. 12 ins. in the ground
marked

S. 23 cr. S. 30 on N.E.

R. 16 E. S. 31 on S.E.

R. 15 E. S. 36 on S.N.

and S. 25 on cr. N. face;
with 1 notch on S. and
5 notches on N. ridge.

E. O. T. 23 of R. 15 E.

Chauis

Surface rolling
 Very little grass
 Soil very sandy 3rd rate

North pt. Sec 20 and 30
 Ta. 10° 35' E.

Descend gradually

40.00

Set a flint stone, 4 x 4 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.

8.00

Deposited marked stone
 12 ins in the ground
 for Cor. to Sec 19, 24, 25
 and 30 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

E. B. J. 23 N. R. 15 E.

Chain

over it. In S.E. fut.
drew a stake 2 ft.
long 2 ins. 09.12 ins. in
the ground marked
C. 23 N. S. 19 on N.E.
R. 16 E. S. 30 on S.E.
R. 15 E. S. 25 on S.W.
and S. 24 on N. face;
with 2 stakes on E.
and 4 stakes on N.
edges.

Surface rolling
Soil very sandy 3rd. rate
Very little grass.

North fut. Sec. 19 and 24
Ta. 13035 E.

Proceed gradually

4000

Set a flint stone 14 x 8 x 4
ins. 9 ins. in the ground

E. B. I. 23 Cr. R. 156

Chains

for 44 Sec. 4 or mark-
 pit 44 on N. face
 and raised a
 mound of stone alongside
 Pit replicable
 69.50 West 110 links wide
 E. N. 90° W. and ascend
 78.00 Enter holes and fill
 80.00 a flint rock in place
 24 x 16 x 12 ins. above
 ground which I
 marked for cor. to Sec.
 18, 19, and 24 with a
 cross at exact corner
 point, and 3 notches S.
 and 3 notches N. of cross.
 and raised a mound
 of stone alongside
 surface rolling
 Soil 3rd. rate

E. D. 223 N. R. 15 E.

Chains

Very little grass

North N. Sec. 13 and 15

T. 9, R. 30 S. 5 E.

Docum

10.00

Top of ridge between N. Sec. 13 and 15 E. and Docum

4000

Set a flint stone, $4 \times 4 \times 4$ 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 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.

8000

Deposited marked stone 12 ins. in the ground for Cor. to Sec. 7, 12, 13 and 15 dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist and raised.

188
E. Q. T. 23 St. R. 15 E.

Chains

a mound of earth 2 ft. high 4 1/2 ft. base over it. On S.E. pit drove a stake 12 ft. long 2 in. sq. 12 in. in the ground marked

T. 23 St. S. 7 on N.E.
R. 16 E - S. 18 on S.E.
R. 15 E. S. 13 on S.W.
and S. 12 on N.W. faces
with 4 notches on S.
and 2 notches on N. edges

Surface rolling
Soil 3rd rate sandy
Very little grass

North St. Ave. 7 and 12
Va. 13035 E.

Discard

27.00

Enter valley to N.E.

E. B. S. 23 A. P. 15 E.

Chains

4000 and S.W. nearly level land.
 Deposited marked stone
 12 ins. in the ground
 for "4 S. on N. dug pits
 18x18x12 ins. S. 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 over it. In
 S. pit drove a stake
 2 ft. long 2 ins. dia. 2
 ins. in the ground
 marked "4 S. on N.
 face.

5000 P. 35 - hole with
 100. N. 80° N.

over

E. B. J. 23 cr. R. 5E.

Chains

8000

Set a sand stone $6 \times 4 \times 8$ ins, 11 ins. in the ground for Cor. to Secs, 1, 6, 7, 12 marked with 5 notch 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.

Surface nearly level
Soil 3rd. rate ~~is~~ sandy
good graze.

North rd. Sec. 1 and 6
Va. $13^{\circ} 35' E.$

1.00
Spewd
Leave valley trs. at $40^{\circ} E.$ and
 $40^{\circ} N.$ and enter tracks
and hills

40.00
Set a flat stone
 $14 \times 8 \times 6$ ins. 9 ins. in
the ground for "4 marked
Sec Cor. dug pits
 ~~$18 \times 18 \times 12$ ins. S. and N.~~

E. Q. J. 23 st. P. 15 E.

Chassis

~~of stone 5 1/2 ft. dist.~~
~~and raised a mound~~
~~of earth 1 1/2 ft.~~

~~flag and mound~~
marked "4" on N. face
and raised a mound
of stone alongside
of pits unapproachable

8000

Diprict marked stone
12 ins. in the ground
for Cor. to the

23 and 24 st. P. 15
and 16 E. in dug pits
24 x 18 x 12 ins lengthwise

in each line N. S. E.
and N. of stone 6 ft.
dist. and raised

a mound of earth
2 ft. high 5 ft. tall
over it.

E. B. T. 23 N. R. 15 E.

Chains

In E. pit drove a stake
2 ft. long pins. 09. 12
ins. in the ground
marked

T. 24 N. S. 31 m NE.

R. 16 E. S. 6 m SE.

T. 23 N. S. 1 m S. N.

and R. 15 E. S. 36 m S. N.

faws; with 6 notches
on each edge.

Surface rolling

Soft 3rd. rate

good grass

D. B. J. 24 Ch. R. 16 E.

Chains

From the Cor. to Spe.
23 and 24 Ch. R. 15
and 16 E. just established
by me. I run East.

On a random line bet
said Spe. with a va.
of $13^{\circ}30'E$. setting temporary
74 and 80 Ch. R. at
every 40 and 80 Chains
and at 479.21 Chains
arrive at a point.

308 Ch. S. of the Cor.
to J. 23 and 24 Ch. R.
16 and 17 E. which was
recently established by me
thence I run S. $89^{\circ}38'$
N. a true line bet.

S. 1 and 36

va. $13^{\circ}20'E$.

Does not gradually

S. O. T. 24 A. P. 16 E

Chavis

- 35.50 Enter flat hrs. S. N. and S.E.
- 40.00 Dpts. cited marked
stone 12 ins. in the
ground for ¹⁴ Dec.
Cor. dug pits 18x18x12
ins. E. and N. of stone
5 1/2 ft. dist. Sand
raised a mound of earth
1 1/2 ft. high 3 1/2 ft.
base Over it. One
E. pit. drove a stake
2 ft. long 2 ins. sq.
12 ins. in the ground
marked 44 S on
N. face
- 74.25 Made 40 links wide
Co. S. 40° N. ascend gradually
- 80.00 Dpts. cited marked
stone 12 ins. in the
ground for Cor. to S.W.

J. B. T. 24 St. P. 16 E.

Chairs

1. 2. 35 and 36 dug pits
 15 x 18 x 12 ins. in rock
 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high 4 1/2 ft. base
 over it. In S.E. pit
 drove a stake 2 ft. long
 2 ins. sq. 12 ins. in the
 ground marked
 J. 24 St. E. 36 m St. E.
 P. 16 E. S. J. m S.E.
 J. 23 St. S. 2 m S. N.
 and J. 35 m St. N. faces;
 with 1 notch on E. and
 5 notches on N. edges.
 Land pretty rolling
 Sat 3rd. to 4th. rain
 Very little grass
 Some scattering of vegetation

170
 S. 60 E. 24 N. R. 16 E.
 Chain

S. 89° 38' N. on a true
 line bet. Secs. 2 and 35
 Va. 13° 26' E.

40.00

Record very gradually
 deposited marked
 stone 12 ins. in the
 ground for $\frac{1}{4}$ Sec. Cor.
 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
 over it. In E. pit
 drove a stake 2 ft long
 2 ins. sq. 12 ins. in the
 ground marked $\frac{1}{4}$ S. on N. face

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 T. 24 N. S. 35 on
 N. E. R. / 6 E. S. 2 m S. E. T. 23 N. E. 3 on
 S, W, and S, 24 on N, W, face, with \angle notch 10

S. B. I. 24 N. R. 16 E.

Chains

on N., and 2 notch \searrow 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.

Land gently rolling
 Soil 3rd to 4th rate
 Very little grass
 Some occasional sagebrush

S. 89° 38' N. on a true line
 Pit. 100, 3 and 34
 Va. 13° 26' E.

Open level land

40.00

Diposited marked
 stone 12 ins. in the ground
 for 1/4 Sec. Cor. 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
 over it. In E. pit, drove

S. B. T. 24 N. R. 16 E.
Chains

a stake 2 ft long 2 in
sq. 1 2 in. in the ground
marked "4 S. on
or fan.

4210

N. E. of Corn Creek
7 plants wide cor. S. 60° N.

8000

Deposited marked stone
12 in. in the ground
for Cor. to S. 34 33
and 34 in. dug pits 18 x 18 in
was in each Sec. 5 1/2
ft. dist. and raised a
mound of earth 2 ft.
high. 4 1/2 ft. tall
over it. In S. E.
part drove a stake 2
ft. long 2 in. sq. 12 in
in the ground marked
S. 24 N. S. 34 on N. E.
R. 16 E. S. 3 on N. E.

S. B. T. 24 St. R. 66 E.

Chains

T. 23 Cr. S. 4 m S. N.
and S. 33 on Cr. N. fault;
with - 3 notches on E. and
N. edges.

Surface gently rolling
and level

Soil sandy 3rd. rate

Some Sagbrush

Excellent grazing

S. $99^{\circ} 38'$ N. on true line
bet. Secs. 4 and 33

Pa. $13^{\circ} 25'$ E.

Over mostly level land

4000

Deposited marked stone
2 ins. in the ground
for 14 Sec. Cor. dug
pits $18 \times 18 \times 12$ ins. E. and
N. of stone $5\frac{1}{2}$ ft. dist.
and raised a mound

S. B. T. 24 N. R. 16 E

Chains

of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
 ft. base over it.
 In E. pit. drove a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked $1\frac{1}{4}$ S. on N. face
 Wash 14 links wide to N.W.
 I placed marked stone
 12 ins. in the ground
 for W. to Dec. 4. 5. 32
 and 33 dug pits 18x18
 x 12 ins. in each Dec.
 $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth
 2 ft. high $4\frac{1}{2}$ ft.
 base over it. In
 S.E. pit drove a stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 T. 24 N. S. 33 on N.E.

60.58
80.00

S. W. T 24 St. P. 16 E.

Chavis

P. 16 E, S. 4 or SE,
S. 28 or S. 5 or N. N.,
and S. 32 or N. N. faces,
4 notches on E. and
2 notches on N. edges:

Level level
Soil sandy 3rd rate
Fruit grass excellent grazing

S. 29 or N. on a true
line bet. Sec. 5 and 32
Ta. 13 or 28 E.

Very level land

4000

Deposited marked
stone 12 ins. in the ground
for "4 Sec. Corn dug
pits - 18 x 18 x 12 ins.)
E. and N. of stone 5 1/2
ft. dist. and raised
a mound of earth

S. B. C. 24 N. R. 16 E.

Chambers

$1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. face
 over it. In E. of pit.
 drove a stake 2 ft.
 long 2 ins. sq. 12 ins. in
 the ground marked
 $\frac{1}{4}$ S. on N. face
 Set a split stone
 $14 \times 14 \times 12$ ins. 9 ins. in
 the ground for C. or. to
 Sect. 5. 6. 31 and 32
 marked with 1 notch on
 N. and 3 notches on
 E. edge. and raised a
 mound of stone alongside
 Pit; impracticable
 Surface nearly level
 Soil about 3rd. rate.
 Good grass very little
 vegetation

8000

S. O. T. 24th. R. 16 E.

Shanis

S. 90° 38' N. on a true
line bet. S. 100. 6 and 31
T. 130° 21' E.

4000
Dug gradually
Set a flat stone 14x4x4
ins. high in the ground
for 14 Sec. bar. ^{marked it with flag} and
found a mound of stone
along side.

Rts. impracticable

2921
The line to T. 23 and 24
N. R. 15 and 16 E.

Surface gently rolling
Soil about 3rd. rate

Fair grass

I carefully examined the
adjustments of my Solar Compass
to-day particularly by the method
and reversing apparatus
and found them correct. Oct 10
1882.

E. B. T. 24 or R. 15 E.

Chains From the Cor. to Tps.
23 and 24 N. R. 15 and
16 E. recently established
by John North
Dated: Dec. 31 and 36
Va. 13° 30' E.

40.00

Drum over rolling land
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. 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

Deposited marked
stones 12 ins. in the
ground for Cor. to Secs.
25, 26, 27 and 28 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

No. 1254

E. O. T. 24 A. P. 15 E.

Quins

ft. face over it.
 In S.E. fut. drove
 a stake 2 ft. long
 into sq. 12 ins. in the
 ground marked
 T. 24 A. S. 30 on N.E.
 P. 16 E. S. 31 on S.E.
 P. 15 E. S. 36 on S.N.
 and S. 25 on N. N. faces,
 with 1 notch in S.
 and 5 notches in N.
 edges.

Land rolling
 Soil 3rd to 4th rate
 very sandy
 Some scattered grass
 and sagebrush

North pt. Sec. 25 and 30
 Va 130 35'E

E. B. J. 24 St. P. 150

Chairs

4000 Found over rolling land
 Deposited marked stone 12 ins. in the
 ground for $\frac{1}{4}$ Sec. Cor.
 dug pits 18x18x12 ins.
 N. and S. of stone
 $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth
 $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 face over it. In
 N. pit. drove a stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 $\frac{1}{4}$ S. in N. face

8000 Deposited marked stone
 12 ins. in the ground
 for Cor. to Sec.
 19.24.25 and 30 dug
 pits 18x18x12 ins. in
 each Sec $5\frac{1}{2}$ ft. dist.

B. J. 24 Ch. R. 15 E.

Chains

and raised a mound of earth 2 ft. high 12 ft. dia over it.

In S.E. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked

J. 24 Ch. S. 19 m N.E.

R. 16 E. S. 20 m S.E.

R. 15 E. S. 25 m S.W.

and S. 24 m Ch. N.

face with 2 stakes on

S. and 4 stakes on N. edges.

Sand gritty rolling
Soil very sandy 4th rate
Some sagebrush
Good grazing

E. B. J. 24 N. R. 15E.

Chain.

North pt. Sec. 19 and 24
No. 13° 30' E.

40.00 Opened over rolling land
Deposited marked stone
12 ins. in the ground
for "4 Sec. 19 & 24
pt. - 18 x 18 x 12 ins. at
and S. of stone 5 1/2 ft.
dist. Found raised a
mound of earth 1/2
ft. high 3 1/2 ft. tall
over it. Dug N. pt.
drove a stake 2
ft. long 4 ins. sq. 12
ins. in the ground
marked "4 Sec. 19 & 24

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Sees,
13, 18, 19, 24 marked T. 24 N. S. 18 on
N. E. R. / 6E S. 19 on S. E. R. 15E, S, 24 on
S, W, and S, 13 on N, W, face, with 8 notch

E. B. J. 24 N. R. 15 E.

Chain

10 on S, and 3 notch 10 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.

Sand gently rolling
Soil very sandy & the rest
some sage brush
Good grazing

North pt. Sec. 13 and 18
Va. $120^{\circ} 30' E.$

4000
Mound over rolling land
Deposited marked stone
12 ins. in the ground
for 14 Sec. 13 dug
pits 18 x 18 x 12 ins. N. Sand
& 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 over it.

E. P. J. 24 St. P. 15 E.

Chains

8000 In N. pit. drove a
 stake 2 ft. long 2 ins
 sq. 1 2 ins. in the ground
 marked "4 S. on N. face
 Deposited marked stone
 2 ins. in the ground
 for Co. to Dec. 7, 12, 13 and
 18 dug pits 18x18x12 ins.
 in each Dec. 5 1/2 ft. dist.
 and raised a mound
 of earth 2 ft. high 4 1/2
 ft. face over it.

In S. E. pit. drove
 a stake 2 ft. long 2 ins
 sq. 1 2 ins. in the ground
 marked

J. 24 St. S. 7 m N. E.
 P. 16 E. S. 18 m S. E.
 P. 10 E. S. 73 m S. N.
 and S. 12 on N. N.

E. B. S. 24 N. R. 15 E.

Mains

faes; with 4 notches
on S. and 2 notches
on N. edges.

Surface gently rolling
Soil very sandy 4th rate
Scattering grass and sagebrush

North bet. Sec. 7 and 12.
T. 13⁴ 30' E.

Occur over rolling land

4000 Deposited marked
stone 12 ins. in the ground
for 1/4 Sec. Corn. dug

pits 18x18x12 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 over it.

In N. pit drove
a stake 2 ft. long

E. B. T. 24 St. R. 15 E.

Chains

2 ins. sq. 12 ins. in the
ground marked 14 S.

on N. face

5000

Deposited marked stone

2 ins. in the ground for
loc. to Secs. 1, 6, 7 and 12

dig pits 18x18x12 ins. in
each Sec. 5 1/2 ft. dist.

and raised a mound of
earth 2 ft. high 4 1/2 ft.

base over it - 2nd S.E.
put drove stake 2 ft.

long 2 ins. sq. 12 ins. in
the ground marked

T. 24 St. S. 6 on S.E.

R. 16 E. S. 7 on S.E.

R. 15 E. S. 12 on S.W.

and S. 1 on S.W. faces:

with 5 notches on S.

and 1 notch on N. edge.

No. 1254

E. B. I. 24 N. P. 15 E.

Chain

Surface gently rolling
 Soil very sandy with some
 scattering grass and
Agrostis

North of Sec. 1 and 6
 T. 13° 30' E.

40.00
 Round over rolling land
 Discovered marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dig pit"
 18 x 18 x 12 ins. S. and
 E. of stone 5 1/2 ft.
 dist. of and raised a
 mound of earth 1 1/2 ft.
 high 3/4 ft. base over it.
 In N. pit drove a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked "4 S. in N. face"

E. B. T. 24 Cr. R. 15 E.

Chains


82.00 Intersection 6th Standard
 Parallel north 41.00 Chains
 East of the Standard Cor.
 to Sp. 25 Cr. R. 15 and
 16 E. at point of intersection
 Set a caudex 28x18x4
 ins. 2/ ins. in the ground
 for Chain Cor. to Sp.
 24 Cr. R. 15 and 16 E.
 marked C.C. with 6 notches
 on S.E. and N. edges:
 dug pits 24x18x12 ins.
 crosswise on each line
 S.E. and N. of dmn
 6 ft. dist. and raised
 a mound of earth 2 1/2 ft.
 high, 5 ft. base alongside
 gently rolling land
 Soil sandy 4th rate
 Scattering grass.

E. B. J. 24 Oct. P. 15 E.

Chains

pagebrush and cacti.

I carefully examined
the adjustments
of my Solar Compass
for - day particularly
the latitude and reversing
apparatus and found them
correct. Oct. 17th 1882



E. B. S. 21 N. B. 14 E.

Chains)

From the standard
 Cor. to S. 21 N. B. 14
 and 15 E. which was
 recently established by
 me I run North
 1/2 Sec. 31 and 36
 Ta. $13^{\circ} 30' E.$

4000

Found very gradually
 Deposited material
 stone 12 ins. in the
 ground for 1/4 Sec. Cor.
 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
 over it. dug N. pit.
 drove a stake 2 ft.
 long into sq. 12 ins.
 in the ground

E. B. J. 21 or. P. 14 E.

mine

marked 114 E. on N. face.
 Deposited marked
 stone 12 ins. in the ground
 for Cor. to Divs. 25, 30, 31
 and 36 indug. feet
 18x18x12 ins. N. and S.
 of stone 5 1/2 ft. diam.
 and raised a mound
 of earth 2 ft. high
 4 1/2 ft. diam. over it.
 In S.E. part drove a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the
 ground marked
 J. 21 or. S. 31 on N.E.
 P. 15 E. S. 31 on S.E.
 P. 14 E. S. 36 on S.W.
 and S. 25 on N. face.
 with 1 notch on S.
 and 5 notches on N. edge.

E. B. J. 21 N. R. 14-E.

Chain

Land gently rolling
Soil about 2nd rate
Good grass little sagebrush.

North pt. Sec. 25 T30
R. 13° 30' E.

Ascend gradually

4000

Discovered marked stone
12 ins. in the ground
for "4 Sec. Cont. dug pits
18x18x12 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 over it.

In N. pt. drove a
stake 2 ft. long 2 ins. sq.
12 ins. in the ground
marked "4 S. in N. face

6208 Enter level land

E. B. J. 21. N. E. Q. 14 E.

Chain

5.60

Deposited marked
 stake 12 ins. in the
 ground for Co. to
 Div. 19, 24, 25 and
 30 dug pits 18 x 18 x 12
 ins. in each Div. 5¹/₂
 ft. dist. and raised
 a mound of earth 2 ft.
 high 4¹/₂ ft. base
 over it. In S. E. pit
 drove a stake 2 ft. long
 2 ins. sq. 12 ins. in
 the ground marked
 S. 21 N. E. 19 on N. E.
 P. 15 E. S. 30 on S. E.
 P. 14 E. S. 25 on S. N.
 and S. 24 on N. N. face,
 with 2 notches on S.
 and 4 notches on N. edges.

E. B. J. 21 N. R. 14 E.

Chains

Land nearly level
Soil 3rd. rate
Good grazing

North lat. Dec. 19 and 24
Pa. $13^{\circ}30'E$.

Over level mesa

4000

Deposited marked
stone 12 in in the
ground for 14 Dec. Cor.
dug pits 18x18x12 in.
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. tall over it.
In N. S. pit. drove a
stake 2 ft. long 2 in.
sq. 12 in. in the ground
marked 14 Dec. Cor. face

E. B. J. 21 N. R. 14 E.

coins,

3.75
0.00
Probably N.E. and S.W.
Deposited marked stone
12 ins. in the ground
for U. or. to Sec.

13, 18, 19 and 24 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. broad over it.

In S.E. pit drove a
slate 2 ft. long 2 ins.
sq. 12 ins. in the ground
marked *

J. 21 N. E. 18 on N.E.
R. 10 - E. J. 19 on S.E.
R. 14 E. E. 24 on S. N. and
S. 13 on N. N. faul.
with 3 notches on N.
and S. edges

E. P. T. 21 N. R. 14 E.

Chains

Land nearly level
Soil 3rd rate
Good grazing.

North pt. S. 10. 18 and 18
Ta. 130° 30' E.

901 Over level mesa
Salt Lake good brs.
N. 70° W. and S. 70° E.

4000 Deposited marked
stone 12 ins. in the
ground for 14 S. W. Cor.
dug pits 18 x 18 x 12 ins. or
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 over it.
On N. W. pit drove a
stake 2 ft long 2 ins. sq.
12 ins. in the ground

E. B. J. 21 A. R. 14 E.

Chairs

7000

marked "4" on N. face.
 Depicted marked stone
 12 ins. in the ground for
 Cor. to Sec. 7, 12, 13 and 18
 dug pits 18x18x12 ins.
 in each Sec. 5 1/2 ft.
 dist. and raised a
 mound of earth 2 ft. high
 4 1/2 ft. over top.

In S.E. pit drove a
 stake 2 ft. long 2 ins.
 sq. 1 ins. in the ground
 marked

J. 21 A. S. 7 on N.E.
 B. 18 E. S. 18 on S.E.
 A. 14 E. S. 13 on S.N.
 and S. 12 on N.N. faces.
 with 4 notches on S. and
 2 notches on N. edges.
 Sand level.

E. O. J. 21 N. R. 14 E.

Chairs

50.00

80.00

Leave timber
 Set a cottonwood post $4\frac{1}{2}$
 ft. long 4 ins. sq. with
 marked stone, 2 ins. in
 the ground for Cor. to
 S. 21 and 22 N. R.
 14 and 15 E. marked
 J. 22 N. S. 31 on NE.
 R. 15 E. S. 6 on SE.
 J. 21 S. S. 1 on S. N. and
 R. 14 E. S. 26 on N. N.
 faws. with 6 notches
 on each edge. dug
 pits - $24 \times 18 \times 12$ ins. length
 wise on each side of S.
 E. and N. of post 6 ft.
 dist. and raised
 a mound of earth
 $2\frac{1}{2}$ ft. high 5 ft.
 dia. around post

E. B. J. 21 Dr. R. 14 E.

chains

Land nearly level
 Soil 3rd rate
 50 Chs. through timber
 Some under trees
 30 Chs. greasewood and
 sage brush

S. 22 N. P. 15 E.

Chairs

From the Cor. to Sps.
21 and 22 N. P.
14 and 15 E. just established
by me I run East on
a random line bet. said
Sps. with a va. of
13045' E. setting temporary
14 S. Cor. and S. Cor.
at each end and
80 Chairs. and at

479.85 Chs. arrive at a
point. 84 links S. of
the Cor. to Sps. 21
and 22 N. P. 15 and 16 E.
which was recently estab-
lished by me. Thence I
ran S. $89^{\circ}54'$ N. on a
true line bet. S. Cor.

1 and 26

Va. 13045' E.

S. O. T. 22 N. R. 15 E.

Chains

40.00

Ground over rolling land
 Deposited marked stone
 12 ins. in the ground
 for $1/4$ Sec. Cor. dug pits
 $18 \times 18 \times 12$ ins. E. and W.
 of apex $5\frac{1}{2}$ ft.
 dist. and raised
 a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base over it. In
 E. pit drove a stake
 2 ft. long 2 ins. sq.
 12 ins. in the ground
 marked $1/4$ S. on bet. sec.

80.00

Deposited marked stone
 12 ins. in the ground
 for Cor. to Sec. 12.
 05 and 06. dug pits
 $18 \times 18 \times 12$ ins. in each
 Sec. $5\frac{1}{2}$ ft. dist.

S. B. S. 22 St. G. 10-E

Chairs

and raised a mound
of earth 2 ft. high
4 1/2 ft. base over it.
Dr. S. E. pit drove
a stake 2 ft. long
Lins. eq. 12 in. in the
ground marked

Q. 22 St. S. 36 m N.E.

R. 15 E. S. 1 m S.E.

Q. 21 St. S. 2 m S. St. and
S. 35 on N. St. face with
1 notch on E. and 5
notches on N. edges.

Land gently rolling

Soil sandy 3rd. rate

Good grazing, considerable
sagebrush

S. 89° 3' 4" N. on a true
line pit. S. 2 and 35

S. B. T 22 Or. P. 15 E.

Chairs

No. 1, 3045-1 E.

over almost level surface
 100 Deposited marked stone
 12 in. in the ground
 for 14 Sec. Cor. dug
 pits 18x18x12 in. E.
 and N. of stone 5 1/2
 ft. dist. and raised a
 mound of earth 1 1/2
 ft. high of 3 1/2 ft. tree
 over it. Dug E. pits
 drove a stake 2 ft.
 long dips sq. 12 in.
 in the ground
 marked N.E. on N. face

0,00 Deposited marked stone
 12 in. in the ground
 for Cor. to Sec. 2, 3,
 34 and 35 dug pits
 18x18x12 in. in each

S. 22 N. R. 15 E.

Chairs

Loc. 5 1/2 ft. dist. - and
raised a mound of
earth 2 ft high 4 1/2
ft. base over it.
In S.E. put - drove
a stake 2 ft. long 2 ins.
sq. 1/2 in. in the ground
marked

S. 22 N. S. 35 on NE,
R. 15 - E. S. 2 on SE,
S. 21 N. S. 3 on SW, and
S. 34 on N. face,
with 2 notches on E. and
4 notches on W. edges.

Soil gritty rolling
3rd. rate sandy
Good grazing
considerable sage brush

A. P. T. 2204. P. 10 E.

Chairs

S 89° 54' N. on a true
line 1/2 Sec. 3 and 34
T4, 130 30' E.

Over level land

4 000

Deposited marked stone
12 ins. in the ground
for 1/4 Sec. 34. Per. dug
pits 18 x 18 x 12 ins. E
and N. of stone 5 1/2 ft.
dist. and raised a
mound of earth 1 1/2
ft. high. 3 1/2 ft. base
over it. In E. pit
drove a stake 2 ft.
long 2 ins. dia. 12
ins. in the ground
marked 1/4 Sec. 34. far
over

500

S. P. S. 22 N. P. 15 E.

Chain)

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 24, 33 and 34 marked T. 22 N. S. 34 on N. E. R. 15 E S. 3 or SE. T. 21 N. S. 4 on S, W, and S, 33 on N, W, face, with 8 notch 10 on W and 3 notch 10 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. Case. around post.

Land almost level
 Soil 3rd rate
 Excellent grass with scattering sage brush.

S. 990 54' N. on a true line
 bet. Secs. 4 and 33
 Va. 130 30' C.

Begin to descend gradually
 Enter river bottom
 Small pond of water fr. S. 7 Sec.
 Deposited marked stone

10.15
 20.11
 40.00

S. B. J. 22 ct. Q. 15 E.

Chains

12 ins. in the ground
for 114 Sec. Cor. dug
pits 18x18x12 ins. E. and
N. of stone 5 $\frac{1}{2}$ ft.
diam. and raised a
mound of earth 1 $\frac{1}{2}$ ft.
high 8 $\frac{1}{2}$ ft. base
over it. In E. pit.
drove a stake 2 ft.
long 2 ins. sq. 12 ins.
in the ground
marked 114 S. on N. face
Mark 15 links wide Co. S. 10 E.
Deposited marked stone
12 ins. in the ground
for Cor. to Secs. 4, 5, 32
and 33 dug pits 18x18x12
ins. in each Sec. 5 $\frac{1}{2}$
ft. diam. and raised a
mound of earth 2 ft. high

1.40
000

S. B. J. 22 N. R. 15 E.

Chains

4 $\frac{1}{2}$ ft. face over it.
In S.E. pit, drove a
stake 2 ft. long into
soil, 12 ins. in the
ground marked

S. 22 N. J. 33 m N.E.

R. 15 E. S. 4 m S.E.

S. 21 N. S. 5 m S.N.

and S. 32 m N. N. face:

with 2 notches on W.

and 4 notches on E. edge.

Low level

No grass

Scattering bunches of

grass on soil

S. 59° 54' N. on a true

line bet. S 200. 5 and 32

Va. 13° 30' E.

Low level bottom land

S. B. T. 22 N. R. 15-E.

Chairs

4900 Deposited marked
stone 12 ins. in the
ground for 14 Sec.
Cor. dug pits 18x
18x12 ins. E. and N.
of stone 5 1/2 ft. dist.
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base over it.
In E. put drove a
slate 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked 14 S.
of N. face.

7990
8000

Road to S. N. and S. E.
Deposited marked stone
12 ins. in the ground
for Cor. to Secs. 5, 6, 21
and 32 dug pits 18x18x12
ins. in each Sec. 5 1/2

J. B. T22 N. P. 75-E.

Chairs

ft. dist. and raised
a mound of earth
2 ft. high 4 1/2 ft. across
over it. In S.E.
put drove a stake
2 ft. long 2 in. sq. 12
ins. in the ground
marked

T22 N. S. 82 m N.E.
P. 15 E. S. 5 m S.E.

T. 21 N. S. 6 m S. N. and
S. 31 m N. face. with
1 notch on N. and 5 notches
on E. edge -

Land level

No grass scattering bunches
of greasewood.

Soil 3rd. rate

S. B. S. 52 St. R. 15 E.

hams

S. 90° 54' N. on a true
line bet. Sec. 6 and 31
Ta. 13° 30' E.

Over level land

40.00

Deposited marked stone
12 ins in the ground
for 1/4 Sec. Cor. dug
pits 18 x 18 x 12 ins. E. and
N. of stone 5 1/2 ft.
dist. and raised a
mound of earth 1 1/2
ft. high 3 1/2 ft.
base. over it.

On E. pit drove a slate
2 ft. long 2 ins. sq.

12 ins. in the ground
marked 1/4 Sec. Cor. St.

face

79.85

The Cor. to Tps.
21 and 22 St.

27
 S. P. T. 22 N. R. 15 E.
 Chain.

Ro. 14 and 15 East;

Land level

Soil Int. rate

No grass

Scattering bunches of
 greenwood

I carefully examined the
 adjustments of my Solar
 Compass ^{to-day} particularly the latitude
 and ^{vertical} revolving apparatus
 and found them
 correct.

Oct. for 13th 1852.

E. @ J. 22 St. 67. 14 E.

Chains

From the Cor. to Sp. 21 and 22 St. Co. 14 and 15 E. recently established by me. I run North West. Aug. 31 and 30 Va. 13'45'E.

Round gradually Road hrs. E. & E. and S. N.

3830
4000

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.

8000

Deposited marked stone 12 ins. in the ground for Cor. to Aug. 25. 30 31 and 36 dug pits 18 x 18 x 12 ins. in each Sec. 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth

E. B. T. 22 N. R. 14 E.

Chains

2 ft. nail 4 1/2 ft. face
 over it. In S.E. pit
 drove a stake 2 ft.
 long into sq. 12 ins.
 in the ground marked
 T. 22 N. R. 14 E. on S.E.
 R. 15 E. S. 31 m S.E.
 R. 14 E. S. 36 m S. N. and
 S. 25 m S. N. face;
 with 1 notch on S
 and 5 notches on N. edge.
 Surface nearly level
 Soil 3rd. rate
 No grass scattering sagittaria

North bet. S. 25 and 30
 Va. 13045'E.

40.00
 Ascend gradually
 Deposited marked down
 12 ins. in the ground

E. B. T. 22 St. R. 14 E.

Chains

for 114 Sec. Cor. dug pits
 18 x 18 x 12 ins. St. 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 over it
 In or. put down a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked "14 S. on St. face
 D. of marked stone
 12 ins. in the ground
 for Cor. to Sec. 1924
 25 and 30 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 over it.
 In S. E. put down a

8000

E. B. J. 22 Cr. Rice.

Chains

stake 2 ft. long 2 ins.
 sq. 12 ins. in the
 ground marked
 W. 22 Cr. S. 19 m NE.
 R. 15 E. S. 30 m SE.
 R. 14 E. S. 25 m SE.
 and S. 24 m Cr. N. fence
 with 2 notches on S.
 and 4 notches on Cr. edges.
 Surface nearly level
 No grass
 Scattering sagebrush
 Soil 3rd rate

North bet S 10. 19 and 24
 Va. 13° 45' E.

Continue to record

Enter dry lake hrs. E. and N.
 Deposited marked
 stone 12 ins. in the

8.00

40.00

4

E. B. T. 22 N. P. 14 E.

Chairs

ground for 14 Sec. Cor.
 dug pits 18x8x12 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. low
 over it. In N.
 pit. drove a stake
 2 ft. long into sq. 12 ins
 in the ground
 marked 14 S. on N.
 line.

4520 Drove dry lake tra
 N. 80° W. and S. 80° E.
 8000 Deposited marked
 stone 12 ins. in the
 ground for Cor. to Sec.
 18, 19 and 24 dug
 pits 18x18x12 ins.

E. B. T. 22 Cr. R. 14 E.

Chains

in each Dec. $5\frac{1}{2}$
 ft. dist. and ranged a
 mound of $1\frac{1}{2}$
 2 ft. high $4\frac{1}{2}$
 ft. base for it.
 In S.E. pit. drove
 a stake 2 ft. long
 into sq. 12 ins. in
 the ground, marked
 T. 22 Cr. S. 18 on S.E.
 R. 10 E. S. 19 S.E.
 R. 14 E. S. 24 on S. N.
 and S. 13 on Cr. N. four:
 with 3 notches on S. and
 Cr. 14 on N.

Surface nearly level
 Soil Prod. rate
 No grass some
 oak brush

E. B. J. 22 N. P. 4 E. ✓

Chairs

North lot. Dec. 13 and 18
Jan. 13 45 'E.

Continue to mound

40.00

Deposited marked
stone 12 ins in the
ground for 1/4 Sec.

W. or. dug pit 18x18

x 12 ins. N. and S. of
stone 5 1/2 ft. dist. andraised a mound of
earth 1 1/2 ft. high. 3 1/2
ft. base over it.S. N. of pit drove
a stake 2 ft. long 2 ins.sq. 12 ins. in the
ground marked 1/4

S. on N. face

50.00

Deposited marked
stone 12 ins in the
ground for W. or.

E. D. J. 22 St. P. 14 E

Chains

to Sec. 7 12, 13 and 18
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. tall
over it. D.M.

S.E. pit - drove a stake
2 ft. long 2 ins. sq. 12
ins. in the ground
marked

J. 22 St. S. 7 on St. E.
P. 15 E. S. 18 on S. E.
P. 14 E. S. 13 on S. N.
and S. 12 on St. N. faul.
with 4 notches on S.
and 2 notches on N. edges
Land nearly level or
slightly rolling
Soil sandy 3 rd. rate

E. B. J. 22 St. P. 14 E.

Linnæus

Grass
Suborning sagittatus

North St. Dec. 7 and 12
 Va. 13045 E.

Aspen

4000

Deposited marked
 stone 12 ins. in the
 ground for "H. Dec.
 18 or. dug pits 18x18
 x12 ins. E. and S.
 of stone 5 1/2 ft.
 dist. and raised a
 mound of earth
 1 1/2 ft. high 3 1/2 ft.
 tree over it. Set
 N. pit drive a stake
 2 ft. long 2 ins. sq. 12
 ins. in the ground
 marked "4 S. in N. face

23
 E. B. S. 22 Cr. R. 4 E.
 (Chairs)

8000

Deposited marked
 at the 1 vis. in the
 ground for Cr. to Ave.
 V. 6, 7 and 12 dug pits
 18 x 18 x 12 ins. in each
 S. 5 1/2 ft. dist. and
 raised a mound
 of earth 2 ft. high 4 1/2
 ft. base over it.

In S. E. pit drove
 a stake 2 ft. long
 2 ins. sq. 12 ins. in the
 ground marked

S. 22 Cr. S. 6 on Cr. E.
 R. 15 E. S. 7 on S. E.
 R. 14 E. S. 12 on S. N. and
 S. 1 on Cr. N. faces; with
 5 notches on S. and
 1 notch on Cr. edge.
 Sand nearly level

E. B. J. 22 St. R. 14 E.

Chains

or gently rolling
 Soil very sandy 3rd. rate
 It is grasses, scattered my sagetbrush

North to Sec. 1 and 6.
 Ta. 13°40' E.

Ascend

40.00

Deposited marked staves
 12 ins. in the ground
 for $\frac{1}{4}$ Sec. Cor. dug
 pits 18x18x12 ins.
 N. and S. of stave
 5 $\frac{1}{2}$ ft. dist and
 raised a mound
 of earth $1\frac{1}{2}$ ft. high.
 3 $\frac{1}{2}$ ft. base over it.
 In N. pit drove a
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the
 ground marked

E. W. J. 22 et. R. 14 E.
 Harris

80,000 1/4 S. on N. face
 Dipositit marked
 Stone 12 ins. in the ground
 for C. or. to J. 22
 and 23 et. R. 14 and 15 E.
 dug pits 24 x 18 x 12 ins
 lengthwise on each line
 N. S. E. and W. of
 stone 6 ft. dist. and
 raised a mound of
 earth 2 1/2 ft. high 5 ft.
 ft. base over it.

In E. pit drove a
 stake 2 ft long 2 ins.
 sq. 12 ins. in the
 ground marked
 J. 23 N. S. 31 on N. E.
 R. 15 E. S. 6 on S. E.
 J. 22 N. S. 1 on S. W.
 and R. 14 E. S. 36 on

E. O. J. 22 N. R. 14 E.
Chairs

N. N. fault; with
 4 notches on each edge
 Land gently rolling
 Some white grass
 Scattering edge brush
Soil sandy; Bad. rate

S. B. T. 23 Cr. R. 15-E.

Chains

From the W. to
 Tps 22 and 23 Cr. R.
 14 and 15 E. first established
 by me. I run East on a
 random line bet. said Tps.
 with a $\text{va. of } 130^{\circ} 35' \text{ E.}$
 setting temp. S. 14 and S. 15
 bet. at each 40
 and 80 chs. and at
 480, 10 Chains arrive
 at a point 28 links
 W. of the W. to Tps.
 22 and 23 Cr. R. 15
 and 16 E. which was
 recently established by
 me. Thence I run
 N. $89^{\circ} 58' \text{ N.}$ on a true
 line bet. S. 1 and 36
 $\text{Va. } 130^{\circ} 35' \text{ E.}$
 I would

S. B. 123 Cr. P. 15 E.

Chains

4000

Deposited marked
stone 12 ins. in the
ground for 14 Sec.

Cor. dug pits - 18x18x12
ins. E. and N. of stone
5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 3 1/2
ft. base over it. In
E. pit drove a stake
2 ft. long 2 ins. sq. 12
ins. in the ground
marked "4 S. on N. face

80.00

Deposited marked stone
12 ins. in the ground
for Cor. to Secs. 1, 2, 35
and 36 dug pits
18x18x12 ins. in each
Sec. 5 1/2 ft. dist. and
raised a mound

S. B. T. 23 N. R. 15 E.

Chairs

of earth 2 ft high
 4 $\frac{1}{2}$ ft. base over it.
 On S.E. put drove
 a stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked

T. 23 N. S. 36 m N. E.

R. 15 E. S. 1 m S. E.

T. 22 N. S. 2 m S. N.

and S. 35 on N. N. face,
 with 1 notch on E. and
 5 notches on N. edge.

Surface nearly level

Soil sandy 3rd. rate

Very little grass some
 scattering edge brush

N. 89° 58' N. on a true
 line bet. Secs. 2 and 35
 T. 13° 45' E.

D. B. T. 23 N. R. 10 E.

Chairs

Descend

27.90

Mark 75 links north Co. S. N.
and ascend

40.00

Deposited marked stone 12
ins in the ground for
14' S. W. dug pit

18 x 18 x 12 ins. E. and N.
of stone 5 1/2 ft. dist.

and raised a mound
of earth 1 1/2 ft. high 3 1/2
ft. base over it.

From E. pit drove a
stake 2 ft. long 2 ins.
sq. 12 ins. in the ground
marked 14' S. on st. face

56.00

Top of spur to S. E.
and S. N. and descend

62.00

Mark 50 links north Co. S.
40° N. and ascend

80.00

Deposited marked stone

S. B. T. 23 Cr. R. 15-E.

Chairs

12 ins. in the ground
for Cr. to S. B.
2.3.34 and 35 dug pits
18 x 18 x 12 ins. in each
S. B. 5 1/2 ft. dist. and
raised a mound of
earth 2 ft. high of 4 1/2
ft. long over it.
On S. E. pit - drove
a stake 2 ft. long 2 ins.
09. 12 ins. in the ground
marked
S. 23 Cr. S. 35 on Cr. E.
R. 15-E. S. 2 on S. E.
T. 22 Cr. S. 3 on S. N.
and S. 34 on Cr. N.
favo: with 4 mounds
on N. and 2 mounds on
E. edges.
Land rolling

S. B. T. 23 N. R. 10-E.
Chairs

Soil 2d. rate
Light growth of grass

Sp. 89° 58' N. on a true
line bet. Sec. 3 and 34
Ta. 13° 45' E.

Mound

4000 Set a flint stone, 14 x 8 x 6 ins., 9 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N.
face, dug pits 18 x 13 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.

8000 Set a flint stone 18 x
10 x 6 ins. 12 ins. in
the ground for U. or. to
Sec. 3, 4, 33 and 34 mark-
ed with - 3 notches on E.
and N. sides. and raised
a mound of stone along side
Pits impracticable

S. 23. T. 23. R. 15E.

Chairs

Land rolling
 1st 3rd rate
 Light growth of grass

S. 79° 58' N. on a true
 line bet. Sec. 4 and 33
 Va. 13° 35' E.

Record

4000

Set a flint stone 16 x 8 x 6
 ins. 11 ins. in the ground
 for 1/4 Sec. Cor. marked
 with "4" on N. face and
 raised a mound of
 stone along side. Pits
 impracticable

8000

Set a flint stone 15 x
 9 x 5 ins. 10 ins. in
 the ground for Cor. to
 Sec. 4, 5, 32, and 33
 marked with 2 notches

S. B. T. 23 Cr. P. 15 E.

Chains

on N. and 4 notches on
E. edges; and raised a
mound of stone along side

Pit - impracticable

Land rolling

Soil 3rd. rate

Light growth of grass

Sp. $89^{\circ} 55' N$ on a true
line bet. Sec. 5 and 32
Ta. $13^{\circ} 40' E$,

Ascend

25.12

Top of spur to S. Cr.
and S. 20 ft. high and

descend

40.00

Set a split stone 16×12
 $\times 4$ ins. pins in the ground
for "4 Sec. Cor. marked
"4 on N. face" and raised
a mound of stone

S. O. J. 23 N. R. 15 E

Chains

8000

along side. Pits impracticable
 Set a flint stone 15×13
 $\times 3$ ins. 10 ins. in the
 ground for C. to S. E.
 5, 6, 31 and 32 marked
 with 1 notch on N. and
 5 notches on E. edges.
 and raised a mound
 of stone along side
 Pits impracticable
 Land rough and rocky
 Did 4th rate
 No grass

C. 89° 58' N. on a true
 line N. S. 6 and 31
 Va. 13° 35' E.

2200 D mound
 N. 20° N. and around

S. B. T. 23 St. R. 15-E

Chairs

4000

Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
Spits 18x18x12 ins. E. and
N. of stone 5 1/2 ft. dist.
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base over it.
In E. put drove a
stake 2 ft long 2 ins.
sq. 12 ins. in the
ground marked "4 S.
on N. face

8010

The Cor. to Sta 22
and 23 St. R. 14 and
15 East.

Surface 1st 40 Chairs
traced remainder rolling
Soil sandy 3rd to
4th track

S. B. J. 23 N. P. 15 E.

Chains

Very little grass

I carefully examined
the adjustments of
my Solar Compass to-
day particularly the
latitude and reversing
apparatus and found
them correct

October 14th 1880.

E. B. J. 23 Ct. R. 14 C.

Chains

From the Cor. to Sp. 22 and 23 Ct. R. 14 and 15 E. which was recently established by me. D. from north between Sta. 31 and 36 Pa. 18° 35' E.

4000 Round gradually Descended I marked stone 12 ins. in the ground for "14 Sta. 31. Dug pits 18x18x12 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 over it. In Sta. pit drove a stake 2 ft. long 2 ins. dia. 12 ins. in the ground marked "14 S. on N. face.

E. O. S. 20 St. R. 14 E.

Chairs

8,000

Deposited marked stumps
 12 ins. in the ground
 for Cor. to S. 25, 30,
 31 and 36 dug pits 18x18
 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
 over it. In S.E.
 pit drove a stake
 12 ft. long 2 ins. sq. 12
 pins. in the ground
 marked

S. 23 St. S. 30 on N.E.
 R. 15 E. S. 31 on S.E.
 R. 14 E. S. 36 on S. W. and
 S. 25 on St. W. face - with
 1 notch on S. and 5 notches
 on St. edge.

Surface pretty rolling

E. W. T. 23 Ct. R. 14 E.

Chairs

Soil 2nd. to 4th rate
 Very little vegetation

North lat. Sec. 25 and 30.

Va. 130 35th E.

40.00

Deposited marked stone
 12 ins. in the

ground for "4 Sec.

Cor. dug pits

18 x 18 x 12 ins. N. and

S. of stone 5^{1/2} ft.

distant and raised

a mound of earth

1^{1/2} ft. high

3^{1/2} ft. low over

it. In N. pit

drove a stake

2 ft. long 2 ins. sq.

12 ins. in the ground

marked "4 S. on N. face

E. C. J. 23 A. R. 14 E.

Chairs

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. 23 N. S. 19 on N. E. R. 15 E S. 30 on S. E. R. 14 E. S. 25 on S, W, and S, 24 on N, W, face, with 2 notch on S, and 4 notch 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.

Surface gently rolling
Soil 2nd. to 4th rate
Very little vegetation

North lat. Sec. 19 and 24
Ta. 130 35' E.

Acres

15-60

Top of spur to S. E. and S. W.
land disced

40.00

Set a plumb stone, 4 x 8 x 6 ins., 9 ins. in the ground for ¼ Sec, Cor, marked ¼. on S. face, dug pits 18 x 18 x 12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth

E. B. T. 23 St. R. 14 E.

Chairs

$1\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft. base
along side

60.15 Corn Creek 75-leuka wide
No. S. 600 St.

8000 Deposited marked
stone 12 ins. in the ground
for Cor. to Sec. 13, 18, 19
and 24 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 over it. In
S.E. pit drove a stake

2 ft. long $2\frac{1}{2}$ ins. sq.

12 ins. in the ground
marked

T. 23 St. S. 18 m N.E.
R. 15 E. S. 19 m S.E.
R. 14 E. S. 24 m S. St.

E. P. S. 23 Cr. P. 14 E.

Chairs

and S. 13 on Cr. St. face:
with - Zooties on S. and
Cr. edge.

Surface gritty rolling or
rough level

Soil 2nd. rate

Little vegetation

North bet. Secs 13 and 18
Va. 17° 55' E.

Over level valley

28.50

Leave valley hrs. Cr. 55° E.
and S. 55° N. and
ascend abruptly

40.00

Set a flint stone, 4 x 8 x 6 ins., 9 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.

E. B. T. 23 of R. 14 E.

Chassis

8 0.00 Set a round stone $14 \times 7 \times 7$ ins, 9 ins. in the ground for Cor, to Secs, $7 \frac{1}{2}$ 12 18 marked with 4 notch on S. and 2 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.

Surface rolling or nearly level
 Soil 3rd. rate
 First - 40 chs. little vegetation
 2nd. only grass

North pt. Sec. 7 and 12
 Va. 13038'E.

Round

6 0.00 Deposited marked stone
 12 ins. in the ground
 for 14 Sec. Cor. dug
 pits $18 \times 18 \times 12$ ins. etc.
 and S. of stone $5 \frac{1}{2}$
 ft. dist. and raised a
 mound of earth

E. B. S. 23 N. R. 14 E.

Chavis

1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
 top over it. In N.
 part drove a stake 2
 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 "4 S. on N. face.

50.00
 Top of ridge hrs. N. 70° E.
 and S. 70° W. and down

80.00
 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs,
 (6.) and (2) marked T. 23 N. S. 6 on
 N. E. R. 15 E. S. 7 on S. E. R. 14 E. S. 12 on
 S, W, and S, 1 on N, W, face, with notch
 so 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.

Sand quite rolling
 Soil sandy 2d. rate
 Light grass and scattering
 sage brush.

E. C. T. 23 of R. 14 E.

Chairs

North Pt. Iowa and Co
Ta. 13035 E.

4000 Dug mound
Deposited mark 12
stone 12 ins. in the
ground for "4 Sec. Cor.
Dug pit 18 x 18 x 12 ins.
Dr. and S. of stone
5 1/2 ft. dist. and raised
a mound of earth 1 1/2
ft. high 3 1/2 ft. wide
over it. In St.
pit drove a stake
2 ft. long 2 ins. sq. 12
ins. in the ground
marked "4 Sec. Cor. N. face
7000 Set a post 4 1/2 ft.
long 4 ins. sq. x 12 ins.
with marks of
in the ground for
Cor. to Tps. 23 and 24.

E. R. T 23 Cr. R 14 E.

Chavis

Cr. Co. 14 and 15 East-
marked

T. 24 Cr. S. 31 on Cr. E.
R. 15 E. S. 6 on S.E.

T. 23 Cr. S. 1 on S. N. and
R. 14 E. S. 36 on Cr. N. faces
with 6 notches on each
edge. dug pits 24x18x12
ins. lengthwise on each
line Cr. S. E. and N.

of post 6 ft. dist.
and raised a mound
of earth 2 1/2 ft. high
15 ft. base around post.

Surface gently rolling
Soil sandy 3rd. to 4th rate
Scattered grass sage brush
and Cacti.

D. B. T. 24 Cr. R. 15 E.

Chains

From the Cor. to Tpo
 23 and 24 Cr. R. 14
 and 15 E. just established
 by me. I run East
 on a random line bet.
 said Tpo with a ca.
 of $130^{\circ} 25' E$. setting
 14 and 12
 links at each 40 and
 80 chains. and at 479.60
 links arrive at a point
 280 chains N. of the
 Cor. to Tpo. 23 and
 24 Cr. R. 15 and 16 E.
 which was recently
 established by me
 Thence I run
 Cr. $89^{\circ} 40' N$. on a true
 line bet. 1 and 36
 Va. $131^{\circ} 30' E$.

42/6

S. B. T. 24. Ct. R. 15-E.

Chains

4000

Over level mesa
 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug pits
 18 x 18 x 12 ins. E. and
 N. of stone 5 1/2 ft. dist.
 and raised a mound
 of earth 1 1/2 ft. high
 3 1/2 ft. base over it.
 On E. put down a
 stake 2 ft. long 2 ins.
 off 12 ins. in the
 ground marked
 "4 S. on St. face

7000

Set a sand stone 4 x 6 x 6 ins, 9 ins. in
 the ground for Cor. to Secs, 12, 35, 36 marked
 with 5 notch on N. and 7 notch on E. edges.
 dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 f.
 dist. and raised a mound of earth 2 ft,
 4 1/2 ft. base. alongside.

A. B. T. 24 St. Q. 15 E.

Chairs

Land nearly level
 Soil 3rd. rate
 Good grass

St. 89°40' N. on a true
 line bet. Sues. 2 and 35
 Ta. 13°30' C.

Over nearly level land

40.50 Deposited marked stone

12 ins. in the ground for

14 Sec. Cw. dug pits

18x18x12 ins. E. and N.

of stone 5 1/2 ft. dist.

and raised a mound

of earth 1 1/2 ft. high

3 1/2 ft. base over it.

On E. pit drove a plate

2 ft. long 2 ins. sq. 12 ins.

in the ground marked

114 S. on N. face

S. D. J. 24 of R. 10-E.

Chain /

8000

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 T. 24 N. S. 35 on N. E. R. 10 E. S. 2 on SE, T. 23 NS, 3 on S, W, and S, 34 on N, W, face, with 4 notch on N, and 2 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.

Surface nearly level
Soil sandy 3rd rate
Good grass scattering oak & brush

At 89° 40' N. on a true line bet. Secs. 3 and 34
To 12° 30' E.

40.00

Over walking g. marks a
Deposited marked stone
12 ins. in the ground
for "4" Sec. Cor. dug
pits 18 x 18 x 12 ins. E. and
N. of stone 5 1/2 ft.

S. B. S. 2th St. R. 15 E.

Chairs

dug and raised a
 mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 long over it. In
 E. pit drove a stake
 2 ft. long 2 ins. sq. 12
 ins. in the ground
 marked 14 S. on N. face

8000

Deposition marked
 on 12 ins. in the ground
 for Cor. to Dec. 24, 23
 and 24 dug pits
 $18 \times 18 \times 12$ ins. in
 each Dec. $5\frac{1}{2}$ ft.
 dug and raised a
 mound of earth 2
 ft. high $4\frac{1}{2}$ ft. base
 over it. In S. E.
 pit drove a stake
 2 ft. long 2 ins. sq.
 12 ins. in the ground
 marked

S. B. S. 24 St. R. 15 E.

Chains

S. 24 St. S. 34 on C. E.
 R. 15 E. S. 3 on S. E.
 S. 23 St. S. 4 on S. N.
 and S. 33 on St. N. found
 with 3 notches on E. and
 N. sides.

Land rolling

Soil sandy 3rd. rate

Good grass

✓ St. $89^{\circ}40'$ N. on a true
 line bet. S. 4 and 33
 Va. $13^{\circ}30'$ E.

Over almost level surface

16.45 Wash 20 links wide
 Co. S. 30° N. around

4 0.00 Set a basalt stone $20 \times 11 \times 7$ ins., 15 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on St.
 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.

S. B. J. 24 N. R. 15 E.

Chairs

80.00 Departed marked stone
 12 ins. in the ground
 for U. or. to Secs.
 32 and 33 dug
 pits 18x18x12 ins.
 in each Sec 5¹/₂
 ft. dist. and raised
 a mound of earth
 2 ft. high 4¹/₂ ft.
 base over it. In
 S.E. pit drove a stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 J. 24 N. S. 33 on N.E.
 R. 15 E. S. 4 on S.E.
 J. 20 N. S. 5 on S.W.
 and S. 32 on N.W. face
 with 2 notches on N. and
 4 notches on E. edges.
 Surface E. half level
 N. half rolling

S. Q. T. 24 N. R. 15 E.

Chains

Soil 3rd. rate
Good grassS. 89° 40' N. on a true
line bet. 5 and 32
Ta. 130 E.

40.00

A road over rolling land
 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. Aug
 18x18x12 ins. E.
 and N. of stone 5 1/2
 ft. dist. and raised
 a mound of earth
 1 1/2 ft. high 3 1/2 ft.
 base over it. On E.
 put drove a stake
 2 ft. long 2 ins. sq. 12
 ins. in the ground
 marked "4 N. or N. face
 Top of ridge to. N. E.

52.15

J. B. T. 24 of R. 15 E.

Chains

60.00
80.00

and S. N. and around
Enter almost level land

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 6, 7 and 12 marked T. 24 N. S. 32 on N. E. R. 15 E S. 5 on S. E. T. 23 N. S. 6 on E, W, and S, 3/4 on N, W, faces with / notch on hand 5 notch 10 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. East. around post.

Surface nearly level
Soil 3rd. rate
Good grass

N. 89° 45' W. on a true
line bet. Secs. 6 and 3/4
Va. 13° 25' E.

40.00 Over nearly level land
Deposited marked
stone 12 ins. in the
ground for "4 Sec.

S. P. J 24 N. P. 15 E.

Chains

Cor. dug pits 18 x 18 x 12
 ins. E. and N. of slow
 5 1/2 ft. dist. and raised
 a mound of earth
 1 1/2 ft. high 2 1/2 ft. base
 over it. In E. pit
 drove a stake 2 ft. long
 2 ins. sq. 12 ins. in the
 ground marked 14 S. on N. face

79.60

The Cor. to Sta. 23 and
 24 N. P. 14 and 15 E.

Sand rolling
 Soil ord. rate

Good grass some o ag. tr. noh
 I carefully examined the
 adjustments of my Solar
 Compass to day particularly
 the latitude and reverend
 apparatus and found them
 correct.

Oct 16th. 1892.

N. W. $\frac{1}{4}$ Sec. 24 T. 24 N. R. 15 E.

Chains

From the Cor. to Tps 23
and 24 N. Co. 14 and 15 E.
recently established by me
to run North
ft. Sec. 31 and 36

Var. $13^{\circ}25' E$

Over almost level land

4000

Deposited marked stone
12 ins in the ground
for "4 Sec. Cor. 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 over it.

In N. pit drove
a stake 2 ft. long
2 ins. sq. in the
ground marked "4 S. on
N. face.

7000 Wash 17 links wide Co. N.

N. B. J. 24 N. P. 14 E.

Chains

80.00 Deposited a marked
stone 12 ins. in the
ground for Cor. to Sec.
25, 30, 31 and 36 dug
pits 18x18x12, ins. $\sqrt{}$
in each Sec. 5 $\frac{1}{2}$
ft. dist. and raised
a mound of earth
2 ft. high 4 $\frac{1}{2}$ ft.
base over it.
In S. O. pit drove
a stake 2 ft. long
2 ins. sq. 12 ins. $\sqrt{}$
in the ground
marked
J. 24 N. S. 30 on N. E.
P. 15 E. S. 31 on S. E.
P. 14 E. S. 36 on S. W.
and S. 25 on N. W.
fence with 1 notch
on S. and 5 notches

N. B. T. 24 N. R. 14 E.

Chairs

on N. edges.
 Surface nearly level
 Soil 2nd. rate
Good grazing

North bet. Secs. 25 and 30
 Va. 13° 25' E.

Over nearly level land

10.40 Enter pond of water bro.
 East and West.

15.00 Leave pond of water
 bro. E. and N.

42.00 Deposited a marked
 stone 12 ins. in the
 ground for 114 Sec. Cor.
 dug pits 18x18x12 ins.
 N. and S. of stone
 5 1/2 ft. disk and
 raised a mound
 of earth 1 1/2 ft. high
 3 1/2 ft. base over it.

Mr. B. J. 24 St. R. 15E

Chairs

- 55.00 In S. pit drove
a stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked "4 S. on N. face
Top of spur to E. and N.
and descend
- 80.00 Deposited marked
stone 12 ins. in the
ground for Cor. to
S. 1/4. 1924. 25 and
30 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 over it.
- In S. O. pit drove
a stake 2 ft. long
2 ins. sq. 12 ins. in
the ground marked
S. 24 St. S. 1904 NE.

N. B. T. 24 St. R. 10 E.

Chairs

R. 10 E. S. 30 on S. E.
 R. 14 E. S. 20 on S. N.
 and S. 24 on S. N. face,
 with 2 notches on S.
 and 4 notches on S. edge
 Surface nearly level
 Soil 3rd. rate
Good grazing

North pt. Sec. 19 and 24
 Va. 10' 26" E.

Descend gradually
 Enter level land
 Deposited marked
 stone 12 ins. in the
 ground for 1/4 Sec. term.
 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

16.25
 40.00

Mr. D. J. 24 St. R. 15 E.

Chairs

$3\frac{1}{2}$ ft. base over it.
In S. E. put. drove a
stake 2 ft. long 2 ins.
sq. 12 ins. in the
ground marked "4 S.
for N. face

8000

Deposited marked
stone 12 ins in the
ground for Cor. to
Sec. 13, 18, 19 and 24
dug pits $18 \times 18 \times 12$ ins.
in each Sec. 5 ft.
diam. and raised
a mound of earth
2 ft. high $4\frac{1}{2}$ ft. base
over it. In S. E. put.
drove a stake 2 ft. long
2 ins. sq. 12 ins. in
the ground marked
J. 24 St. R. 15 E.
R. 15 E. - S. 19 m. S. E.

N. C. S. 24 N. R. 15 E.

Clarus

R. 14 E. S. 24 or S. 11.
 and S. 13 or N. 14. 1/2
 with - 3 notches on S.
 and 3 notches on N. edge.
 Surfaces nearly level
 Soil 3rd. rate
Good grazing

North pt. S. 13 and 15
 79, 130° 27' E.

4000 Over nearly level land
 Deposited marked
 stone 12 ins. in the
 ground for 114 Sec.
 Now - dug pit - 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. low over it.
 In N. pit drove a

N. B. T. 24 N. P. 15 E.

Chavis

stake 2 ft. long 2 ins.

sq. 1 2 ins. in the ground
marked "4" on N. face
5-250 Cross with 29 hicks
wide Co. S. N.

5000

Deposited marked
stone 12 ins. in the
ground for Co. to Sec.
7, 12, 13 and 18 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
lower it. Dug S. E. pit -
above a stake 2 ft.
long 2 ins. sq. 1 2 ins. in
the ground marked
T. 24 N. P. 7 m N. E.
P. 15 E. S. 18 m S. E.
P. 14 E. S. 13 m S. N.

N. B. T. 24 N. R. 15 E.

Chairs

and S. 12 on N. N. face,
 with 4 notches on S.
 and 2 notches on N. edges.
 Sand nearly level
 Soil 3rd. rate
Good grass

North pt. S. 10. 7 and 12
 Va. 13° 27' E.

20.00
 40.00

Ascend gradually
 Begin to descend gradually
 Deposited marked
 stone 12 ins. in the
 ground for "4 Sec.
 H. or. dug pits 18x18
 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. high over it.
 In N. pit. drove a

N. B. S. 24 N. R. 15 E.

Chairs.

stone 2 ft. long 2 ins.
sq. 12 ins. in the ground
marked 44 S. on N. face

80.00

Set a sand stone $6 \times 7 \times 4$ ins. 10 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 $18 \times 18 \times 12$ 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.

Land nearly level
Soil 3rd. rate
Good grass

North pt. S. 10. 1 and 6
Ta. $13^{\circ} 27' E$.

D mound gradually over
rolling land

40.00

Deposited marked
stone 12 ins. in the
ground for 44 Sec. Cor.
dug pits $18 \times 18 \times 12$ ins.

N. B. J. 24 St. R. 15 E.

Chairs

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. face
 over it. In N.

pit. drove a stake
 2 ft. long 2 ins. sq. 12
 ins. in the ground
 marked "4 S. on N. face

79.40

Entered 6th Standard
 Parallel St. 37.75 Cho.

N. of the Standard

Co. to Sp. 25 St.

R. 14 and 15 E. ^{roughly at the hole} at _{me}

point of intersection

Set a sandstone $25 \times$

16×4 ins. 18 ins. in the

ground for closing Co.

to Sp. 24 St. R. 14

and 15 E. marked

N. O. J. 24 N. R. 15 E.

Chains

~~C. G. J. 24 N. R. 15 E.
R. 15 E. S. 6 on E. and
R. 14 E. S. 1 on N. face!
with 6 notches.~~

C. G. with 6 notches on
S. E. and N. edges; dug
pits 24 x 18 x 12 ins. cross-
wise on each line S. E.
and N. of stone 6 ft.
dist. and raised a
mound of earth 2 1/2 ft.
high 5 ft. base along side
Surface nearly level
Soil 3rd. rate
Good grass

I carefully examined
the adjustments
of my Solar Compass
to-day particularly

N. B. J. 24 N. R. 15 E.

the latitude and
reversing apparatus
and found them correct.
October 17th. 1892.

Parfina's out to Cal Book No 20,

No. 1254

U. S. Surveyor General's Office,
Tucson, Arizona, July 21, 1883,

The foregoing Field Notes of the survey of the
Exterior lines -

Tps. 18 & 19 N. R. 15 E.
" 20 N. R. 15 E.
" 21 N. R. 15. 16 & 17 E.
" 22 N. R. 15. 16 & 17 E.
" 23 N. R. 15. 16 & 17 E.
" 24 N. R. 15. 16 & 17 E.

of the Gila and Salt River Base and Meridian, Arizona,
executed by O. W. Wheeler,
D. S., under his contract of the 5th day of
August, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. M. Robinson
Surveyor General.