

1567

1567

BOOK 1567

F I E L D   N O T E S

O F   T H E   S U R V E Y   O F

E X T E R I O R   L I N E S   O F

T. 22 S., R. 29 E., T. 20 S.,  
R. 29 E., T. 21 S., R. 30 E.,  
T. 20 and 21 S., R. 31 E., T.  
20 S., R. 32 E., Range line  
through Ts. 18 & 19 S., Rs. 30  
& 31 E. and Ts. 16 & 17 S., R.  
31 E.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By Walter B. Neil D. S., under  
contract dated October 1, 1883.  
Survey commenced Nov. 2, 1883.  
Survey completed Jany. 6, 1884.

A

11706  
121887  
BOOK 1567  
121997

*S. 16 d. R. 29 E.* *S. 16 d. R. 30 E.* 13 156 18 *S. 16 d. R. 31 E.* 13 197 18 *S. 16 d. R. 32 E.*  
24 185 19 24 195 19  
25 182 30 25 194 30

BOOK 1567

36 182 31 32 33 34 35 36 183 31  
179 178 176 175 174 173  
1170 6 5 4 3 2 1 1626  
121697 121607

*S. 17 d. R. 29 E.* *S. 17 d. R. 30 E.* 13 168 18 *S. 17 d. R. 31 E.* 13 109 18 *S. 17 d. R. 32 E.*  
24 166 19 24 108 19  
25 165 30 25 107 30

36 164 31 32 33 34 35 36 165 31  
147 148 150 151 152 153  
1144 6 5 4 3 2 1  
121427

*S. 18 d. R. 29 E.* *S. 18 d. R. 30 E.* 13 140 18 *S. 18 d. R. 31 E.* *S. 18 d. R. 32 E.*  
24 139 19  
25 137 30

36 135 31

BOOK 1567

11326  
121307

*S. 19 d. R. 29 E.* *S. 19 d. R. 30 E.* 13 129 18 *S. 19 d. R. 31 E.* *S. 19 d. R. 32 E.*  
24 128 19  
25 125 30

31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35  
45 44 43 41 40 39 113 112 111 109 108 107 115 116 118 119 120  
36 1 1 104 6 5 4 3 2 1 94 6 5 4 3 2  
35 7 121037 12937

*S. 20 d. R. 29 E.* *S. 20 d. R. 30 E.* 13 101 18 *S. 20 d. R. 31 E.* 13 91 18 *S. 20 d. R. 32 E.*  
24 100 19 24 90 19  
25 98 30 25 88 30

BOOK 1567

36 97 31 36 87 31  
1656 1846  
12637 12887

*S. 21 d. R. 29 E.* *S. 21 d. R. 30 E.* 13 61 18 *S. 21 d. R. 31 E.* 13 118 *S. 21 d. R. 32 E.*  
24 60 19 24 90 19  
25 59 30 25 79 30

31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36 31 32 33 34 35 36  
27 26 25 23 22 20 47 49 51 52 53 55 69 70 72 73 74 76 83 31  
17 6 5 4 2 2 1 6 5 4 3 2 1 6 5 4 3 2 1  
16 7

BOOK 1567

*S. 22 d. R. 29 E.* *S. 22 d. R. 30 E.* *S. 22 d. R. 31 E.* *S. 22 d. R. 32 E.*  
13 14  
1230

10 31 32 33 34 35 36  
8 6 5 4 2 1

For preliminary notes  
and description of instrument  
used see book No. 1.

Survey commenced Nov 2<sup>nd</sup> 1883  
Survey completed Jan 6<sup>th</sup> 1884.

South Boundary Tp. 22 S. R. 29 E.

G + S. R. 29.

Begin at the Cor. to Townships

and <sup>29<sup>s</sup></sup> <sup>30<sup>s</sup></sup> 29 and 30 East  
on 4<sup>th</sup> <sup>auxiliary meridian</sup> 8

recently set by me

thence I run

N. bet Sacs 1 and 36

Cor. 12° 45' E.

14.00 Enter dense Mesquite & Cats claw  
brush bet N. W. and S. E.

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

50.00 Set a post 4 ft. long 4 ins  
square with marked stone  
12 ins. in the ground for Cor

South Bdy J. 22 S. R. 29 E.

South Bdy J. 22 S. R. 29 E

Choirs

to Secs 1-2-35-36 marked  
 T. 22 S. S. 36 on N.E.  
 R. 29 E. S. 1 on S. E.  
 T. 23 S. S. 2 on S. W. and  
 S. 35 on N. W. faces with  
 1 notch on E + 5 notches on  
 N. edges. Day pits 18x18x12  
 vis. in each Sec 5 1/2 ft. dirt  
 and raised a mound of  
 earth 2 ft high 4 1/2 ft. base  
 around post  
 Sand rolling  
 Soil 2<sup>nd</sup> rate + 3<sup>rd</sup> rate  
 Grass good  
Some mesquite Brush 66cks

West bet. Secs 2 and 35  
 Cor. 120 45' E.  
 \$2.00 Set a Lava Stone 17x13x8

Choirs

vis. 11 vis. in the ground  
 for 1/4 Sec. Cor. marked 1/4  
 on N. face and raised a  
 Mound of stone along side  
 Pits impracticable  
 54.00 ~~Leaves~~ Valley Sec N.W. & S.E.  
 80.00 Set a Lava Stone 18x18x6  
 vis. 12 vis in the ground  
 for Cor. to Secs 2-3-34-35  
 marked with 2 notches on  
 E and 4 notches on W.  
 edges and raised a  
 mound of stone along side  
 Pits impracticable  
 Sand rolling  
 Soil 3<sup>rd</sup> and 4<sup>th</sup> rate  
 Good grass  
Some mesquite

South Bdy. T. 22 S. R. 29 E.

South Bdy T. 22 S. R. 29 E.

choirs

- West bet. Secs 3-34  
Cor. 12' 48' E.
- 40.00 Set a Lava Stone 18x14x9  
ins. 12 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
- 46.00 Soon broken Lava hills and  
enter Silver Creek bottom
- 69.60 Road bet. N. W. and S. E.
- 70.00 Spring about 350 lks S. of  
line
- 72.40 Stewart's house bet N. about 250  
lks. Chs
- 76.00 Silver Creek, 70 lks wide Cor S. E.
- 80.00 Set a granite Stone 20x12x10  
ins. 15 ins. in the ground for  
Cor to Secs. 3-4-33-34  
marked with 3 notches on

choirs

E. & W. edges and raised  
a mound of stone along side  
Pits impracticable  
From which  
Bengus house bet. N. 5' W.  
& Chs dist  
Surface Rolling & broken  
Soil good soil -  
Grass good.

---

West bet Secs 4 and 33

- Cor. 14' 48' E.  
Over mountainous land
- 9.00 Deep Ravine 2 chs. wide Corner  
N. E.
- 31.00 Ascend over rough foot hills  
bet. N. W. & S. E.
- 40.00 Set a granite Stone 17x13x9  
ins 11 ins. in the ground for

South Bdy, Tp. 22 S. R. 29 E.

South Bdy, Tp. 22 S. R. 29 E.

1/4 Sec Cor. marked 1/4 on N  
face & raised a mound of  
stone along side.

Pits Unpracticable

So. 00 Set a granite stone 18 x 10 x 8 ins  
12 ins. in the front for Cor to  
Secs 4-5-32-33 marked  
with 4 notches on E. and 2  
notches on W. edge and raised  
a mound of stone along side.

Pits Unpracticable

Land Mountainous and broken  
Soil Stony, 4<sup>th</sup> rate  
Grass good

West bet. Secs 5 and 32  
or 12048' E.

Ascending rough Mount. Slope  
bet. N. W. & S. E.

Chorus

40.00 Set a granite stone 18 x 14 x 4 ins  
12 ins. in the front for 1/4 Sec  
Cor. marked 1/4 on N. face  
and raised a mound of stone  
along side. Pits Unpracticable

So. 00 Set a granite 18 x 14 x 6 ins  
12 ins. in the front for Cor to  
Secs 5-6-31-32 marked  
with 5 notches on E. and 1  
notch on W. edge and  
raised a mound of stone  
along side. Pits Unpracticable  
On very broken slope (S. E) of  
Foreign point mount  
Land very mountainous & broken  
Soil. Stony 4<sup>th</sup> rate  
Timber, Some Mesquite

South Bdy, T. 22 S. R. 29 E.

Chains

West bet. Secs 6 and 31  
Cor. 12° 48' E.9.00 Finger point Peak 750 ft. high  
br. W. about 3 Chs. dist

11.00 Descend N.E. slope

40.00 Set a granite stone 17 x 14 x 6  
ins. 11 ins in the front for 1/4  
Sec. Cor. marked 1/4 on N.  
face and raised a mound  
of stone alongside.

Pits impracticable

76.00 Foot of Mt slope and  
Ascend Rocky hill79.32 Top of hill. Set a granite  
stone 20 x 16 x 10 ins. 15 ins.  
in the front for Cor to T. 22-  
23 S. R. 28-29 E. marked with  
4 notches on each edge and  
raised a mound of stone alongside.  
Pits impracticable

South Bdy T. 22 S. R. 29 E.

Chains

Round Peak br. N. 81° W.

Land very mountainous and broken

Soil, Stony, - 40 rats  
Gross food

West Bdy. of T. 22 S. R. 29 E.

Chairs

From the Cor to Township <sup>423</sup> 22 S,  
R<sup>s</sup> 28 + 29 E. just set by me

I run

N. bet Secs 31 and 36

Cor. 120 45' E,

Descend from Cor.

4.00 Foot of round rocky hill  
And over very mountainous  
and broken ground

19.00 Arroyo 70 lbs wide Course S. W.  
and ascend round Peak of mt

29.00 Top of Peak 200 ft. high and

West Bdy. of T. 22 S. R. 29 E.

Chairs

Descend

40.00 Set a front stone 15x10x9 ins  
10 ins. in the front for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on dr. face  
and raised a mound of  
stone along side.

Pit impracticable

69.50 Foot of mountain and <sup>cross</sup> Arroyo  
Course S. W.

81.00 Set a front stone 16x13x8  
ins 11 ins. in the front for  
Cor to Secs. 25-30-31-36  
marked with 5 notches on N  
and 1 notch on S. Edges and  
raised a mound of stone  
along side. Pit impracticable  
Soil mountainous  
Soil 4 ft cat  
Down grass



West Bdy, T. 22 S. R. 29 E.

Chains

North bet Secs. 25 & 30  
 Cor. 12° 45' E.  
 40.00 Set a granite stone 16 x 12 x 7 ins  
 10 ins. in the ground for 1/4  
 Sec. Cor. marked 1/4 on W. face  
 and raised a mound of  
 stone along side. Pits impracticable  
 72.00 Ascend ridge bet. N. W. & S. E.  
 80.00 Top of ridge bet N. W. & S. E.  
 Set a granite stone 16 x 13 x 5  
 ins. 11 ins. in the ground for Cor  
 to Secs 19-24-25-30 marked  
 with 4 notches on N and 2  
 notches on S. edges and  
 raised a mound of stone  
 along side. Pits impracticable  
 Sand Mountainous  
 Soil 3<sup>rd</sup> rate  
 Good grass

West Bdy, T. 22 S. R. 29 E.

Chains

North bet Secs. 19-24  
 Cor. 12° 48' E.  
 Descend  
 20.00 Foot of ridge bet N. W. & S. E.  
 31.00 Road bet E & W.  
 40.00 Set a post 3 ft. long 3 ins square  
 with 2 marked stone 12 ins.  
 in the ground for 1/4 Sec. Cor  
 marked 1/4 S. on W. face.  
 Lay pits 18 x 18 x 12 ins N & S  
 of stone 5 1/2 ft. dia and  
 raised a mound of earth  
 1 1/2 ft. high 3 1/2 ft. dia around  
 post.  
 80.00 Set a granite stone 13 x 9 x 9 ins  
 8 ins. in the ground for Cor to  
 Secs. 13-18-19-24 marked  
 with 3 notches on N & S. edges  
 and raised a mound of  
 stone along side

West Bdy, T. 22 S. R. 29 E.

Pits impracticable  
 Negro Head Peak bes. N. 31° W.  
 Sand rolling  
 Soil 3<sup>d</sup> cat.  
 Good grass

Nov. 25 1883

---

North bet Secs. 13 & 18

Cor. 120 45' E.

36.00 Enter dry wash corner S. W.  
 40.00 Set a point stone 14 x 12 x 8 ins  
 8 ins. in the front for 1/4 Sec  
 Cor. marked 1/4 on N. face  
 and raised a mound of  
 stone along side. Pits impracticable  
 43.00 Leave dry wash corner S. W.  
 62.00 Trail from Willow Springs

West Bdy, T. 22 S. R. 29 E

Chorus

bes. N. W + S. E

80.00 Set a post 4 ft. long x ins.  
 square with marked stone  
 12 ins. in the ground for Cor to  
 Secs. 7-12-13-18 marked  
 T. 22 S. S. 7 on N. E.  
 R. 29 E. S. 18 on S. E.  
 R. 28 E. 13 on S. E.

S. 12 on N. W faces with 2  
 notches on N. and 4 notches  
 on S. edges. dry pit 18 x 18 x 12  
 in each Sec. 5 1/2 ft. dia  
 and raised a mound of earth  
 2 ft. high + 1/2 ft. tree around  
 post

Negro Head Peak bes. N. 41° W.  
 Sand rolling  
 Soil 3<sup>d</sup> cat.  
 Never Mesquite Brush

---

Nest Boundary J. 22 S. R. 29 E.

Chains

North bet. Secs. 7 and 12  
Cor. 12045' E.

- 2.50 Arroyo 20 lks. wide Course S. W.  
40.00 Set a granite stone 12 x 10 x 8 in  
8 in. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on W. face and  
raised a mound of stone  
alongside. Pit impracticable  
70.01 Arroyo 40 lks. wide Course S. W.  
79.50 Arroyo 45 lks. wide Course S. W.  
80.00 Set a granite stone 16 x 14 x 8 in  
11 in. in the ground for  $\frac{1}{4}$  Sec.  
1-6-7-12 marked with 1 notch  
on N + 5 notches on S. edges  
and raised a mound of stone  
alongside. Pit. impracticable  
Surface rough + rolling  
Soil 3' cat  
Scattering Mesquite, Catclaw  
and juniper wood brush

Nest boundary J. 22 S. R. 29 E.

Chains

North bet Secs 1 + 6  
Cor. 130 E

- 7.00 Dry Ravine 8 lks wide  
Course S. W.  
40.00 Set a granite stone 14 x 10 x 6 in  
8 in. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone alongside  
Pit. impracticable  
46.00 Arroyo 28 lks. wide Course S. W.  
and Ascend  
56.00 Top of hill bet. E + W and  
descend  
65.00 Loose fork of hill bet. N. W + S. E.  
80.00 Set a granite stone 20 x 10 x 6  
in 15 in in the ground for  
Cor. to Tps 21 and 22 S. R<sup>2</sup>  
28 and 29 E. marked with  
6 notches on N, E, S and W faces

West Boundary T. 22 S. R. 29 E.

Choiris

and raised a mound of  
stone along side.

Pits impracticable

This Cor sets on edge of rocky  
Arroyo Crown S. W.

Peak of Mountain bearing N. 52° 30' E.

High Peak of mountain bearing N.  
42° W.

Surface rolling and broken  
Soil stony. + at rate

Scattering Mesquite

Cats claw + green wood

---

I carefully examined  
the adjustments of my  
Solar instrument today  
particularly the latitude  
and reversing apparatus  
and found them correct

North Boundary of T. 22 S. R. 29 E.  
G + S. R. W.

Choirs

From the Cor to Sp 21-22 S.  
R. 28 and 29 E. just set  
by me

I run East on a condour  
line bet. said Townships  
The var. of my instrument  
being  $12^{\circ} 45' E.$

I set temporary half mile and  
mile corners at <sup>each</sup>  $N 40^{\circ}$  and S  
Choirs and find the Township  
to be 5 miles 78.86 chs. long  
and the felling to be 130 lks

N. Boundary T. 22 S. R 29 E.

Chairs

S. of the Cor. to Tps 21 & 22  
S. R 29-30 E.

The correction for the true  
line will therefore be 21 2/3  
Mts. North and 1.14 Chs N.  
per mile and its course  
will be S. 89° 50' E.

---

Intersection of Tps 21 & 22 S.  
R 29-30 E. ...

Thence I run

S. 89° 50' W. on a true line  
bet. Secs. 1-36

Or. 12° 45' E.

Ascending

25.00 Top of aridge

40.00 Let a granite stone 16x12x8  
in 11 ins. in the ground for

North Bdy T. 22 S. R. 29 E.

Chains

~~The Sec. Cor.~~ marked  $\frac{1}{4}$  on N.  
face and raised a mound  
of stone along side  
Pits impracticable

Descend over broken ridges

73.00 North of ridge bet N. E. & S. W

80.00 Set a front stone  $18 \times 10 \times 10$

was 12 ins. in the front for  
Cor. to Secs 1-2-35-36

marked with 1 notch on E. and  
5 notches on W. Edges and  
raised a mound of stone  
along side. Pits impracticable

Soil mountainous & broken  
Soil 4<sup>th</sup> rate

Some scattering oak brush

Nov. 3 1883

---

N. Bdy T. 22 S. R. 29 E.

choirs

S. 89° 50' W. on a Fern line  
bet. Secs 2-30

Nor 12° 48' E.

Ascend

4.00 Top of ridge and  
descend

20.00 Amongs less lks wide Cor. S. W.

40.00 Let a front stone 14 x 12 x 10  
ins 9 ins in the front for 1/4  
Sec. Cor. marked 1/4 on N.  
face and raised a row  
of stone along side  
Pit impracticable

45.00 Trail bet. N. W &amp; S. E.

46.00 Foot of mountain bet N. W &amp; S. E.

Ascending

80.00 Let a front stone 19 x 12 x 7  
ins 12 ins, in the front for  
Cor to Sec 2-3-34-35  
marked with 4 notches on



North Bdy. T. 22 S., R. 29 E.,

Chairs

W and 2 notches on E. edges  
and raised a mound of  
stone along side

Pit impracticable

Low mountains & broken

Soil 4 ft rate

Some grass

Scattering oak

---

S. 89° 55' W. on a trim line  
bet. Secs 3-34

Var. 12045' E.

Ascent

19.00 Top of Peak 500 ft. high  
& descends abruptly

4.00 See a granite stone 20x18x13

ins. 15 ins. in the front

for 1/4 Sec. Cor. marked 1/4

on N. face and raised

North Bdy J. 22 S. R. 29 E.

Chairs

a mound of stone along side  
Pit impracticable

74.00 Foot of descent. <sup>cut</sup>

Arroyo 200 yds. wide course  
S. W. access.

80.00 Like a front stone 18x14x12 in  
12 in. in the ground for Cor  
to Secs. 3-4-33-34 marked  
with 3 notches on E & W

edges and raised a mound  
of stone along side <sup>Pit</sup> impracticable  
Land very mountainous  
and broken

Soil 4 to 6 ft

Some Grass wood, oak,  
and mesquite

---

N. Bdy. T 22 S. R. 29 E.

hours

S. 89° 51' W. on a true line  
bet Secs. 4 and 33

W. 12° 48' E.

Ascending

40.00

Set a front Stone 20 x 10 x 10 in  
15 ins. in the front for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on N. face  
and raised a mound of  
Stone alongside.

Pit impracticable

66.00

Top of Main divide of mountain  
bet. N. 20° W and S. 20° E. ~~at~~

Descending

80.00

Set a Limestone 12 x 12 x 10  
ins. 8 ins in the front for Cor  
to Secs. 4-5-32-33 marked  
with 2 notches on W and 4  
notches on E. edges and  
raised a mound of stone  
alongside. Pit impracticable

North Bdy. T. 22 S. R. 29 E.

Chowis

Sand very mountainous  
and broken

N. E. slope of mt

Soil 4 ft cat

Mesquite, Cats-claw, and  
Some oak

---

S. 89° 51' W. on a true line  
bet. Secs. 5-32

Or. 12° 45' E.

40.00 Let a Limestone 14 x 12 x 7  
cis. & ins. in the ground  
for 1/4 Sec. Cor. marked 1/4  
on N. face and raised  
a mound of stone along side  
Pit impracticable

Descending

50.00 Let a granite stone 20 x 13 x 8

North Bdy T. 22 S. R. 29 E.

chains

ins. 15 ins. in the ground for  
Cor & Secs 5-6-31-32 marked  
with 1 notch on W. and 5  
notches on E. edges and  
raised a mound of stone  
alongside

Pits impracticable

Soil very rocky & broken  
on S. W. Slope of mound

Soil at base.

Mesquite and Cats claw brush

---

S.  $89^{\circ} 51' W.$  on a true  
line bet Secs 6 and 31

Cor.  $12^{\circ} 45' E.$

2 \$ 00 Arroyo 18 Mk. wide corner S. W.

40.00 Suba granitic stone 18 x 12 x 10 ins  
12 ins in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W

28.

BOOK 1567

North Bdy, J. 22 S. R. 29 E.

Chairs

face and raised a mound  
of stone along side  
Pits impracticable

59 00 Arroyo 30 lbs. wide. Corner S. W.

78.86 The Cor. to Tps 21-22 S.

R<sup>d</sup> 28-29 E.

Low mountains and  
broken.

Soil 3<sup>d</sup> cat

Scattering Mesquite  
and Catsclaw.

West Bdy. T. 20 S. R. 29 E.

From the Standard Cor. to  
Tps. 20 S., R<sup>s</sup> 28 and 29  
E. which is a granite stone  
20 x 18 ins. set firmly in the  
ground with mound of stone  
around side marked with 6  
notches on N.E. & N.W. edges  
I saw

North West Secs 31-36

Cor. 12048 E.

Ascending along N.W. Slope

West Bdy, T. 20 S. R. 29 E.

hours

of high Peak

- 19.00 To edge of bluff 80 ft. high  
and descend
- 21.00 Creek 30 lks. wide across S. 20.
- 28.00 Ascending E. slope of mountain  
ridge
- 40.00 Get a granite stone 20x13x13  
ins. 15 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
on W. face and raised  
a mound of stone alongside  
Pits impracticable
- 62.00 Highest point on E. Slope  
and descend
- 80.00 Get a granite stone 20x13x12  
ins. 15 ins. in the ground  
for Cor to Secs. 25-30-31-36  
marked with 1 notch on S  
and 5 notches on N. Edges  
and raised a mound of



West Bdy, T. 20 S. R. 29 E.

Chairs

Ston alongeids  
 Pts impracticable  
 Surface mountain + broken  
 Soil 3<sup>rd</sup> rate  
 Some scattering oak

---

N. bet Secs. 25 + 30

Cor. 12° 45' E.

- 37.00 Descend steep bluff 70 ft.  
 high bet. N. E. + S. W.
- 39.50 Foot of same
- 40.00 Set a front stone 26 x 12 x 8  
 ins 18 ins. in the ground for  
 1/4 Sec. Cor. marked 1/4 on W.  
 face and raised a mound  
 of stone alongeids  
 Pts. unpracticable
- 80.00 Set a front stone 17 x 12 x 9  
 ins. 11 ins. in the ground

West Bdy J. 20 S. R 29 E.

Chairs

for Cor. to Lic. 19-24-25-30  
 marked with 4 notches on  
 N and 2 notches on S. edges  
 and raised a mound of  
 stone alongside  
 Pits impractical  
 Sand Mountainous - West  
 slope of Chira-Ca-hua  
 mountains  
 Soil stony - 4th rate  
 Scattering oak

---

North bet Lic. 19 & 24  
 Cor. 12° 48' E.

34.00 Over rough & broken W. slope of Mt. of Mt.  
 Rocky survey 18 lks. wide  
 Course S. W. and  
 ascend  
 38.00 Top of rocky point to

West Bdy. T. 20 S. R. 29 E.

chains

N, E, and S. W.

40.00 Set a granite stone 16 x 14 x 7  
 ins 11 ins. in the ground for  
 1/4 Sec. Cor. marked 1/4 on  
 W. face and raised a  
 mound of stone alongside  
 Pts. impracticable

47.00 Descend bluff 75 ft. high  
 bet. E. & W.

50.00 Look of down

80.00 Set a granite stone 13 x 10 x 10  
 ins 8 ins. in the ground for  
 Cor. to Secs. 18-18-19-24  
 marked with 3 notches on  
 N & S. Edges and raised  
 a mound of stone alongside  
 Pts. impracticable

Loud Mountains, W. slope  
 Soil 4 ft. cat. Stony.  
 Scattering oak

West Bdy T. 20 S. R. 29 E.

Chairs

North cut, Secs 13 & 18

Cor. 12045'E.

40.00

Over <sup>mis. land</sup> a granite stone 17x12x7  
 in 11 ins. in the front for  
 1/4 Sec. Cor. marked 1/4 on  
 N. face and raised a  
 mound of stone alongside  
 Pit unpracticable

50.00

Set a granite stone 12x12x8  
 in 11 ins. in the front for  
 Quarter Secs, 7-12-13-18  
 marked with 2 notches  
 on N & 4 notches on S.  
 edges and raised a mound  
 of stone alongside  
 Pit unpracticable  
 Sand mountainous, W. Slope  
 Soil 4 ft cat  
 Scattering oak

West Bdy. T. 20 S. R. 29 E.

Choin

North bet. Secs. 7-12

Cor.  $12^{\circ} 48' E.$

2.00 Cañon 6 chains with corner  
N.

40.00 Set a granite stone  $12 \times 10 \times 10$   
ins.  $\&$  ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  on N. face and raised  
a mound of stone

alongside. Pit unpracticable

50.00 Set a granite stone  $13 \times 10 \times 10$   
ins.  $\&$  ins. in the ground for  
Cor to Secs 1-6-7-12 marked  
with 1 notch on N. and 5  
notches on S. edges and  
raised a mound of stone

alongside. Pit unpracticable

Good mountain & broken  
N. slope. Poor 4 ft rate  
Scattering oak

## West Bdy J. 20 S. R. 29 E.

## Choirin

North bet Sec. 1-6

Var.  $120^{\circ} 48' E$ 

- 9.00 Descend Bluff 80 ft. high  
bet. E & W.
- 14.00 Arroyo 30 ft. wide Com. W. S. W.  
and ascend
- 40.00 Set a front of stone  $22 \times 10 \times 10$   
ins. 10 ins. in the front for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on W.  
face and raised a mound  
of stone alongside  
Pits impracticable
- 54.00 Top of mountain Ridge  
bet. N. W & S. E. and  
descend
- 66.00 Bottom of Cañon Com. W.
- 67.00 Junction of creek from  
N. E. and Creek from S. E.  
Point of flow West
- 76.00 Some oak timber bet E & W.

West Bdy, T. 20 S, R. 29 E,

Choirs

\$0.00 Lika granite stone 24x13x12  
 ins. 18 ins. in the ground  
 for Cor. to Tps 19 + 20 S,  
 R<sup>o</sup> 28 + 29 E, <sup>marked with 6 notches on each edge</sup> and laid  
 a row of stone alongside  
 pits impracticable

Land mountainous

Soil. 300 ft. deep

Some oak & hickory

Nov 12<sup>th</sup> 1883.

North Bdy T. 20 S. R. 29 E.

Chains

From the Cor. to Tps. 19-20  
 S. R. 28 and 29 E. just  
 set by me I run East on  
 a <sup>12048.8</sup> ~~level~~ line bet. said  
 townships, <sup>12048.8</sup> ~~being~~ temporary  
<sup>14</sup> ~~and~~ Sec. corners  
 at <sup>each</sup> 40 and to Chains and  
 find the <sup>line</sup> township to be  
 5 miles 79 chains and 10 lks  
 long and the falling to be  
 250 lks. South of Cor to Tps  
 19 + 20 S. R. 29 and  
 30 E. The correction for  
 the true line will therefore  
 be 35 lks. North, 90 lks  
 West per mile and its course  
 will be  $S 89^{\circ} 45' W.$

---



North Body T. 20 S., R. 29 E.

chain

Set a granite stone 15 x 14 x 9 ins  
 10 ins in the ground for Cor to  
 Secs. 1-2-35-36 marked  
 with 1 notch on E & 5 notches  
 on W. Edges and raised a

I run

S. 89° 45' W, on a true line  
 bet Secs 1 & 36

Cor. 12° 48' E.

4000 Set a granite stone 20 x 13 x 10  
 ins, 15 ins in the ground for 1/4  
 Sec. Cor. marked 1/4 on 2 face  
 & raised a mound of stone  
 alongside. Pits impracticable  
 Ascend

5300 Top of divide on N 10° W & S. 10° E.  
 Along S. W. slope of divide

8000 Set a granite stone 15 x 14 x 9 ins  
 10 ins in the ground for Cor to  
 Secs. 1-2-35-36 marked  
 with 1 notch on E & 5 notches  
 on W. Edges and raised a

North Bdy J. 20 S. R. 29 E.

Chairs

Mound of stone along side  
Pits impracticable

Land very mountainous  
and broken

Soil 4<sup>th</sup> rate

Wet oak; - Manzanita  
and Pinon Brush.

---

South 89° 45' W. on a true line  
bet. Secs. 2 and 3 5  
Cor. 12° 48' E.

40.00 Set a granite stone 12 x 10 x 7 ins  
8 ins. in its ground for 1/4  
Sec. Cor. marked 1/4 on N face  
and raised a mound of  
stone along side  
Pits impracticable  
Descend along divide

43.50 Road to Camp Rucker br. N + S.

North Bdy T. 20 S. R. 29 E.

Chairs

Ascending

\$0.00

Set a granite stone  $17 \times 12 \times 7$  ins  
 11 ins. in the front for cor. to  
 Secs. 2-3-34-35 marked  
 with 2 notches on E. and 4  
 notches on W. edges and  
 raised a mound of stone  
 alongside. Pits unpracticable  
 Sand very mountainous  
 and broken

Tril. & stony. 4th rate  
 Denver oak brush.

S. 89° 45' W. on a true line  
 bet Secs 3 & 34

Cor. 12° 48' E.

40.00

Set a granite stone  $14 \times 10 \times 6$   
 ins. 8 ins. in the front for  $\frac{1}{4}$   
 Sec cor. marked  $\frac{1}{4}$  on N. face

North Bdy T. 20 S. R. 29 E.

hours

and raised a mound of  
 stone along side  
 Pts impracticable

48.00 Ascended

51.00 Top of Mason divide bet. N.E. & S.W.  
 Round Peak about 40 chs. S.

59.00 Descended

1.00 Set a granite stone 12x12x7 ins  
 4 ins. in the ground for Cor to  
 Sigs 3-4-33-34 worked  
 with 3 notches on E & W edges  
 and raised a mound of  
 stone along side  
 Pts impracticable

Land very mountainous  
 and broken

Stony. Soil 4 to 20 ft.

Deer oak Bush.

---

North Bdy T. 20 S. R. 29 E.

hoins

South  $89^{\circ}45' N.$  on a line  
bet. Secs. 4 and 33

Cor. 12048' E.

10.00

Resealed  
Let a granite stone  $21 \times 20 \times 8$   
ins 15 ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on N  
face and raised a mound  
of stone alongside.

Pit impracticable

From which a Pinon 7 ins  
diam. bes. N. 60° W. 80 lbs

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

No other trees within limits  
Desand

10.00

Let a granite stone  $26 \times 20 \times 17$  ins  
18 ins in the ground for Cor. to  
Secs 4-5-32-33 marked  
with 4 notches on E and  
2 notches on W. edges and  
raised a mound of stone  
alongside. Pit impracticable

North Bdy, J. 20 S. R. 29E

chain

Low mountains & broken  
Soil Stony, 3<sup>rd</sup> pot  
Timber of Oak & Pine

---

X

South S 90 4.5 N on a true line  
bet Lics. 5 and 32

40.00

Cor. 12° 45' E.  
Continue descent  
Set a granite stone 20 x 13 x 7 in  
15 ins. in the front for 1/4 Lic  
Cor. marked 1/4 on N. face  
and raised a mound of  
stone along side.

It is impractical

From which a Piñon tree 14 in  
high S. 26° E. 50 ft. dia.  
marked 1/4 S. R. 29. No other trees with  
Descend N. Slope in limits

50.00

Set a granite stone 26 x 10 x 10  
ins 15 ins in the front for  
Cor. to Lics. 5-6-31-32

North Bdy. J. 20 S. R. 29 E.

hoins

Marked with 5 notches on  
E and 1 notch on N. edges  
and raised a mound of  
stone along yard.  
Pits impracticable  
Soil very mountainous  
and broken  
Soil Stony, 4<sup>th</sup> cat.  
Some oak and Pinon

---

S. 89° 45' W. on a trawl line  
bet. Secs. 6 and 31

Box 12048' E.

40.50

Chaparral <sup>stone</sup> 18 x 17 x 12 ins 12  
ins. in the front for 1/4 Sec.  
Cor. marked 1/4 on N. face  
and raised a mound of  
stone along yard.  
Pits impracticable

North Bdy. J. To S. R. 29 E.

Chains

75.00 Foot of Main divide <sup>2000</sup> N.S.  
 Across 42 lbs wide Course  
 South

79.10 The Cor. to Sp. 19-20 S.  
 R. 28-29 E.

Land very mountainous  
 and broken

Soil 3<sup>d</sup> rate

Some in oak.

Nov. 13<sup>d</sup> 1883



South Bdy. Tps. 21 S. R 30. E

From the Cor. to Tps 21 and  
22 S, R<sup>e</sup> 29 and 30 E,

Recently Established by me  
I allow 150 lbs for conveyance <sup>and</sup>  
run

<sup>orientation line</sup>  
E. bet. sect. 6 & 31

N<sup>o</sup> 12° 48' E

Descend

4.50 Cross deep arroyos. 35 lbs <sup>min</sup>  
ca. S.E. and ascend over  
broken ridges

38.50 Set a lava stone 24x13x11  
ins 18 ins in the ground  
for the section, marked 1/4

48

BOOK 1567

S. By Tn. 21 S. R 30 E. cont.

Ch<sub>2</sub>

on N. face. and raised  
a md of stone along side  
Pits impracticable

53.06

Top of main ridges  
N & S. and descend

28.50

Setalana stone, 12x12x?  
ins. 8 ins in the ground  
for cor to secs. 5-6-31-32  
marked with 5 notches  
on E and 1 notch on W  
edges and raised a  
md of stone along side  
Pits impracticable  
Land mountainous and  
broken  
Soil rocky. 4" rate  
little vegetation

S. By. th. 21 S. R. 30 E. cont.

Ma

<sup>on true line</sup>  
 E. bet. sec. 5 & 32  
 va 12048' E

Descend

45.00 Set a malpais stone  
 20x10x10 ins. 15 ins in the  
 ground for  $\frac{1}{4}$  sec cor. marked  
 $\frac{1}{4}$  on N face. and raised  
 a md of stone along side  
 Pits impracticable

Thence leave mountainous  
 land and enter San Simons  
 valley. bears N.E. & S.W.

44.00 Cross trail br. N.E. & S.W.

59.50 Cross arroyo 30 lbs wide  
 co. S. E.

67.30 Cross wagon road bears  
 NE & SW

80.00 Set a post  $\frac{1}{2}$  ft. long 4 ins  
 square. with marked stone  
 12 ins in the ground. for

S. By, T<sub>p</sub> 21 S. R 30 E cont

the

cor to sec 4, 45-32+33  
marked.

T 21 S, S 33 on N E

R 30 E. S 4 on S E

T 22 S S 5 on S. W. and

S 32 on N.W. faces. with

4 notches on E and 2

notches on W edges. dug

pits 15x15x12 in each sec

5 1/2 ft diam. and raised a

rod of earth 2 ft high 4 1/2

ft base around post

Land <sup>40 chs</sup> mountainous and <sup>40 chs</sup>

rolling.

Soil 3" & 4" rate

good grass in valley

S. By. Tp 21 S. R 30 E cons

Chas

On true line  
E<sub>N</sub> bet. secs. 4 & 33  
Va 120 48' E

33.00 along S. slope of  
lava hill

40.00 set a lava stone 13x10x10  
ins. 9 ins in the ground  
for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$   
on N. face, and raised  
a mid of stone along side  
Pit impracticable

52.00 Leave slope of hill, bra  
N.E. & S.W.

50.00 Set a lava stone 20x12x8  
ins. 10 ins in the ground  
for cor to sec 34-33 & 34  
marked with 3 notches  
on E & W edges, and  
raised a mid of stone  
along side  
Pit impracticable

52

BOOK 1567

S. By. Tr. 21 S. R 30 E cont

Chd

Land rolling  
Soil stony  $\frac{1}{4}$ " rate  
Good grass

---

<sup>Don't use line</sup>  
E bet secs 3 & 34

No 12048' E

40.00 Set a lava stone 20x10x10  
ins. 15 ins in the ground  
for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
on N face and raised  
a mol of stone along side  
Pits impracticable

46.00 Lava cone. br N about  
8" Chd.

52.00 Leave foot of lava hill  
br. N.E. & S.W.

50.00 Set a lava stone 16x12x8  
ins. 11 ins in the ground

S Bz T<sub>p</sub> 21 SR30 E cont.

for cor to secs 2-3-3495-  
 marked with R notches  
 on E and 4 notches on  
 Wedges and raised a  
 md of stone along side  
 It's impracticable  
 Land rolling  
 Soil 4" rate  
 good grass

---

D on new line  
 E, bet secs 2 & 35-  
 No 12° X 8' E

Set a lava stone 18x13x8  
 ins. 12 ins in the ground  
 for the sec cor marked 4 on  
 N face. and raised a md

S. By. Tp. 21 S. R. 30 E. cont.

Cha

- of stone along side  
Pits impracticable
- 65.00 Leave malpais formation  
bra. N.W. & S. E.
- 66.00 cross arroyo, 20 lks wide  
co. S. E.
- 80.00 Set a post 4 ft long 4 ins  
square, with marked  
stone 12 ins in the ground  
for cor. to sec. 1-2-35 & 36  
marked -  
T 21 S, S 36 on N. E,  
R 30 E S 1 on S E &  
T 22. S. S. 2 on S W and  
S 35 on N W. faces, with  
1 notch on E and 5 notches  
on W. edges, dug pits  
18 x 18 x 12 ins. in each  
sec. 52 ft dist. and  
raised a md of earth



S. Pg. Tp. 21 S. R. 30. E. cont.<sup>ed</sup>

ma.

2 ft high  $4\frac{1}{2}$  ft base  
 around post  
 Land rolling  
 Soil 4: rate  
 Some grass

ma.

on main line  
 E.  $\frac{1}{4}$  sec. 1936

ca 120 48' E

10.50

Set a post 3 ft long 3  
 ins square with marked  
 stone 12 ins in the  
 ground on  $\frac{1}{4}$  sec cor  
 marked  $\frac{1}{4}$  S. on N face  
 dug pit 18x18x12 ins  
 E & W of post  $5\frac{1}{2}$  ft  
 dia and raised a  
 rnd of earth 12 ft  
 high  $3\frac{1}{2}$  ft base round

S. By. Tpa. 21 S. R 30 E, cont

ch

post

So. 00 Set a post 4 ft long  
 4 ins square. with  
 marked stone 12 ins in  
 the ground for east to  
 Tpa. 21 4 22, S. R 30  
 & 31 E. marked  
 T 21 S. S 31 on N E  
 R 31 E S 6 on S E  
 T 22 S S 1 on S.W. and  
 R 30 E S 36 on N.W. face  
 with 6 notches on each  
 edge. Aug pits. 2 4 x 18 x  
 ins lengthwise on each  
 line. N S. E & W. of post  
 6 ft dist. and raised  
 a mud of earths  $2\frac{1}{2}$  ft  
 high 3 ft base around  
 post. From which  
 a peak in Stein Peak

S By T 21 S. R 30 E concluded

aka

range. bears S 74° E  
A red lava cone. bears  
N. 36° E.  
Land rolling and level  
Soil 3" rate  
good grass

---

E. By. T<sub>p</sub> 21 S R 30 E

chs

From the Cir pt T<sub>p</sub> 21 S R 30 E.  
Rs 30 & 31 E. Just established by me

Town N. bet secs 31 & 36

N 130 30. E

40.00

Set a lava stone 8x8x8  
ins. 5 ins in the ground  
for 1/4 sec cor. marked  
1/4 on W face and raised  
a md of stone along side

Pits impracticable

80.00

Set a lava stone 10x8x7  
6 ins in the ground  
ins. for cor to secs  
25-30-31 & 36. marked  
with 1 notch on S, and  
5 notches on N edges  
and raised a md of  
stone along side.

Pits impracticable

Land rolling  
Soil clay & slate  
Some grass

BOOK 1001 1003 59  
E By Tp 21 S R 30 E cont.

ma

N bet secs 25 & 30  
20130800 E

40.00

Set a post 3 ft long  
3 ins square, with marked  
stone 2 ins in the ground  
for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  S  
on W. face. dug pits  
18x18x12 ins. N & S. of post  
5  $\frac{1}{2}$  ft dist. and raised  
a md of earth  $1\frac{1}{2}$  ft high  
3  $\frac{1}{2}$  ft base, around post.

80.00

Set a lava stone 10x10x6  
ins. 7 ins in the ground  
for cor to secs. 19-24-25 & 30  
marked with 2 notches  
on S and 4 notches on  
N. edge, and raised  
a md of stone along side.  
Pits impracticable  
Sand rolling

60  
 E By T 21 S R 30 E c  
 ch

Soil stony & crabs  
 Some grass

N bet sec 19 & 24  
 Va 130 35° E

- 40.00 Set a lava stone 12 x 12 x 3  
 ins. 8 ins in the ground  
 for  $\frac{1}{4}$  sec or marked  $\frac{1}{4}$   
 on W face and raised a  
 ind of stone along side  
 Disimpracticable.
- 50.00 Set a post 4 ft long. 4 ins  
 square. with marked  
 stone. 12 ins in the ground  
 for cor to sec 13-18 + 19-24  
 marked.  
 T 21 S R 18 on N E

E By T<sup>p</sup> 21 S, R 30 E cont  
cha

R 31 E S 19 on S. E,  
R 30 E S 24 on S. W,  
S 13 on N. W. faces. with  
3 notches on N & S edges.  
Dug pits 18x18x12 ins  
in each sec. 5  $\frac{1}{2}$  ft dist.  
and raised a mud of  
earth 2 ft <sup>high</sup>  $\frac{1}{2}$  ft base  
around post  
Land rolling and level  
Soil sandy 4" rate  
Some grass

---

N bet secs 137/8  
Qa 19° 0' East

40,000 Deposited & masked  
stems. 12 ins in the

E By Tp 21 SR 30 E con

cho

ground for  $\frac{1}{4}$  sec cor  
 dug pits 18x18x12 in  
 N & S. of stone. 52 ft  
 dist and raised a  
 mound of earth  $\frac{1}{2}$  ft  
 high. 3  $\frac{1}{2}$  ft base on  
 E. On N pit drove  
 a stake 2 in square  
 2 ft long. 12 in in  
 the ground, marked  
 $\frac{1}{4}$  S. on W face.

SO. 08

Set a post 4 ft long  
 4 in square with  
 marked stone 12 in  
 in the ground for cor  
 to sec. 7-12-13-18  
 marked-

T 21 S. S 2 on N E  
 R 31 E S 12 on S. E.  
 R 30 E S 13 on S. W, and  
 S 12 on N. W, faces



E By. In 21 SR 30 E cont  
MA

with 4 notches on  
S and 2 notches on  
N edges. dug pits  
18x18x12 ins. in each  
sec. 5 $\frac{1}{2}$  ft dist. and raised  
a mid of earth 2 ft high  
4 $\frac{1}{2}$  ft base around post.  
Land level  
Soil B<sup>1</sup> rate  
Tain grass

---

N bet sec. 1 & 2  
Nq 12° 48' E

Ones level land

4000 Deposited a marked stone  
12 ins in the ground for  
1/4 sec cor, dug pits 18x18x12

E By T<sub>h</sub> 21 S R 30 E con

Ch<sub>2</sub>

ins. N<sub>4</sub>S of cor.  $5\frac{1}{2}$   
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 ins  
square. 2 ft long  
12 ins in the ground  
marked. N. S. on  
W. face

62.00 Descend low mesa bears  
N. W. & S. E.

76.00 Leave foot of same. by  
N. W. & S. E.

80.00 Set a granite stone.  
 $13 \times 10 \times 7$  ins 9 ins in  
the ground for Cor to  
secs. 1-6-7-12, marked  
with 5 notches on S  
and 1 notch on N

C By Sp. 21 SR 30 & cons  
ma

<sup>edges</sup>  
facs. and raised  
a mid. of stone, alongside  
Pits impracticable  
Land rolling and level  
Soil  $\frac{1}{2}$ " rate  
Good grass

---

West sec 176  
ca 12°  $\frac{1}{2}$  8' East

40.00 Set a malpais rock 13x10x10  
ins. 9 ins in the ground  
for  $\frac{1}{2}$  sec cor. marked  
 $\frac{1}{2}$  on W face, and raised  
a mid of stone alongside  
Pits impracticable

59.24 Intersect  $\frac{1}{2}$ " Standard  
parallel S. 2.50. Chs. West

E By Tps 21 S, R 30 E cont.

chs

Standard  
 of the  $\frac{1}{4}$  sec cor. on  
 S. By. sec 36. <sup>N 20 S, R 30 E,</sup> which  
 is a granite stone 18x18x8  
 ins firmly set in the  
 ground. ~~marked~~ marked S, C,  
 $\frac{1}{4}$  on N face. with  
 pits 18x18x12 ins E & W of  
 stone 5 $\frac{1}{2}$  ft dist. and  
 a wd of earth 1 $\frac{1}{2}$  ft  
 high. 3 $\frac{1}{2}$  ft base along  
 side.

At the point <sup>of intersection</sup> I set  
 a post 4 $\frac{1}{2}$  ft long  $\frac{1}{4}$  in  
 square. with marked  
 stone. 12 ins in the  
 ground. for closing cor.  
 to Tps 21 S, R's 30 & 31 E  
 marked  
 C.C. T 21 S on S

7. T<sub>h</sub> 21 S. R 30 E concluded

R 31 E S 6 on E and  
 R 30 E S 1 on W faces  
 with 6 notches on S  
 E & W. faces. dug pits  
 24x18x12 ins. crosswise  
 on each line. S. E & W  
 of post. 6 ft dist. and  
 raised a wd. of earth  
 2½ ft high 5 ft base  
 around post.  
 Land level  
 Soil 4" rate  
 good grass

Nov. 22<sup>nd</sup>. 1889,

68

BLANK PAGE

South Boundary T. 21 S. R. 31 E.

Chain

From the Cor. to Townships  
<sup>422</sup>21, South Ranges 30 and  
 31, E. recently established  
 by our S. allow. 15-4 lbs for corner  
 ground East on a true line  
 bet. Secs 6 and 31

Var. 120 41' E.

Over rolling Valley

- 38.40 Set a Lava stone 11 x 10 x 6 ins  
 7 ins in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on N. face  
 and raised a mound of stone  
 along side. Pits impracticable
- 63.00 Ascend Lava Cone  
 bet. N. E. and S. 22.
- 77.50 Edge of Basin and  
 descend into Crater
- 88.46 Set a Lava stone 17 x 10 x 5  
 ins. 11 ins in the ground

70

BOOK 1567

S. Bdy T. 2, S. R. 3, E.

chains

for cor to Secs. 5-6-31-32  
 marked with 5 notches SW  
 E and 1 notch on W.  
 edges and raised a  
 mound of straw along side  
<sup>Pits intractable</sup>  
 Land rolling & hilly  
 Soil 3<sup>rd</sup> and 4<sup>th</sup> rate  
 Grass good

---

East on a true line

bet. Secs 5 and 32 <sup>or 12</sup> 41' E

8.00 Bottom of Crater 150  
 feet deep and  
 ascend

17.00 On rim of Crater and  
 descend

30.00 Leave fork of same  
 bet. N & S.

40.00 At a Lava flow 12 x 10 x 5



S. Bdy T. 21 S. R. 31 E. 71

Chain

was 8 ins. in the ground for  
 $\frac{1}{4}$  sec. Cor. marked  $\frac{1}{8}$  on  
 N. bar and raised a  
 mound of stone.

alongside. Pits impracticable

67.00 W on works 30 lks wide  
 Corner S. W.

80.00 Set a lava stone  $14 \times 10 \times 7$   
 ins  $1\frac{1}{2}$  ins. in the ground  
 for Cor. to Recs 4-5-3233

marked with 4 notches on  
 E. and 2 notches on W.

Edges and raised a  
 mound of stone alongside  
 Pits impracticable

Sand hilly and rolling  
 Soil 4<sup>th</sup> rate. loose lava  
 Rock

Yours fair

72

S. Bdy T. 21 S. R. 31 E.

Chains

Each on a true line bet  
Secs 4 and 33, Pa 18° 12' E  
Along south slope of Lava  
Cone

16.00 Draw some bro. NE. & S.W.

40.00 Set a Lava stone 1148 x 6 in  
7 in. in the ground for 1/4  
Sec. Cor. marked 1/4 on W.  
face and raised a mound  
of stone along side  
Pits impracticable

80.00 Set a Lava stone 18 x 14 x 7  
in. 12 in. in the ground  
for Cor. to Secs. 3-4-33-34  
marked with 3 notches  
on E and W. edges  
and raised a mound  
of stone along side  
Pits impracticable  
Land rolling

S. Bdy T. 21 S. R. 31 E.

chain

Soil 3<sup>rd</sup> and 4<sup>th</sup> rate  
 Grass good

---

Each on a true line bet  
 Secs. 3 and 34  
 Var. 13° 12' E.

30.00 Enter Mountainous land  
 and ascend

40.00 Set a Lava Stone 10x10x6  
 ins. 7 ins. in the ground for  
 1/4 sec. cor. marked 1/4 on  
 N. face and raised on  
 mound of stone alongside  
 Pits impracticable

61.00 Perpendicular Bluff 200  
 ft. high bet. N. W and S. E. &  
 descend to crater.

76.00 Bottom of Crater 600 ft.  
 deep, with steep lava  
 walls

74

S. Bdy J. 21 S. R. 31 E.

Chains

80.00

Set a lava stone  $20 \times 16 \times 12$   
 ins. 15 ins. in the ground  
 for Cor. to Secs. 2-3-34-35  
 marked with 2 notches  
 on E. and 4 notches on  
 W. edges and raised  
 a mound of stone  
 along side. Pits impracticable  
 Land mountainous & broken  
 Soil stony. 3<sup>d</sup> and 4<sup>th</sup> rates  
 Some Mesquite Brush

---

Each on a true line bet  
 Secs. 2 and 35

Var.  $130^{\circ} 45' E$ ,

Over the bottom of Crater

40.00

Set a lava stone  $15 \times 10 \times 8$

S. bdy T. 21 S. R. 31 E.

ins. 10 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
on N. face and raised  
a mound of stones  
alongside.

Pits impracticable

44.00 Ascend Steep Bluff from  
Crater bdy. N and S.

62.00 On top of Ridge and leave  
Crater bdy. N and S. and  
descend

80.00 Like Lora Stone  $12 \times 10 \times 8$  ins  
8 ins. in the ground for Cor to  
Secs. 1-2-35-36 marked  
with 1 notch on E. and 5  
notches on W edges and  
raised a mound of stones  
alongside.

Pits impracticable.  
Land very mountainous and

76

BOOK 1567

S. Bdy T. 2, S. R. 3, E.

e. chain

Broken

Soil stony 4<sup>th</sup> rate  
 Grass good  
 Some Mesquite

---

East on a true line bet Secs 1 &amp; 2

Cor. 12° 48' E.

Descend

40.00 Set a lava stone 15 x 14 x 7 ins  
 10 ins. in the ground for 1/4 Sec  
 Cor. marked 1/4 on N. face  
 and raised a mound of  
 stone alongside

Pit impracticable

74.00 Dry wash 50 lbs wide Course  
 S. W.

80.00 Set a Lava stone 34 x 20 x 7  
 ins. 7 1/2 ins in the ground  
 for Cor to Spc 21 and 22

S. Bdy. J. 21 S. R. 31 E.

chain

South R<sup>s</sup> 31 and 32 E.  
 marked with 6 notches on  
 each edge, dug pit 24 x  
 18 x 12 ins lengthwise on  
 each line N, S, E, and W.  
 of stone 6 ft. disk and  
 raised a mound of earth 2½  
 ft high 5 ft base  
 along side

Saven hill br. S. 62° W. and  
 wooded peak bears S 39° 31' E

Land broken & hilly  
 Soil 3<sup>v</sup> and 4<sup>a</sup> rate  
 Grass good

East boundary T. 21 S. R. 31 East

From the Cor to Tps. 21-22  
South Range 31-32 East  
recently established  
by us

I run  
N. bet Secs. 31-36

Our <sup>Var. 12° 41' E.</sup> mountainous land  
4.00 Dry wash 90 Yds. wide  
down S. W. and  
ascend

24.00 Top of hill bet. N. E + S. W.

40.00 Set a Lava Stone 13 x 10 x 10  
9 ins. in the ground  
circ<sub>n</sub> for 1/4 Sec. Cor. marked  
1/4 on W. face and raised  
a mound of stone along with  
Pit impracticable

80.00 Set a granite stone 26 x 20 x 2  
ins. 19 ins. in the ground  
for Cor. to Secs 25-30-31-36  
marked with 5 notches on



E. Bdy. T. 21 S. R. 31 E. Cont.

Chain

53.00

Top of hill and descend

80.00

Set a Lava Stone  $12 \times 10 \times 8$   
ins. 8 ins in the ground for

Cor. to Rice, 19-24-25-30

marked with 4 notches

on N. and 2 notches on

S. Edges, and raised a

mound of stone along side

Pit impassable

Land Mountainous & some broken

Soil 3<sup>rd</sup> and 4<sup>th</sup> rate

Grass good

North bet. Secs 19-24

Cor.  $120^{\circ} 41' E.$

470.00

Set a Lava Stone  $12 \times 8 \times 8$  ins  
8 ins. in the ground for  $\frac{1}{4}$

Sec. Cor. marked  $\frac{1}{4}$  on W.

face and raised a mound

E. Bdy J. 21 S. R. 31 E.

e. choir

of stone alongside  
Pit. impracticable

48.00 Lean point of hill on  
N. E. and S. W.

80.00 Set a Lava stone  $15 \times 12 \times$   
5 ins 10 ins. in the front  
for Cor. to Secs. 13-18-19-24  
marked with 3 notches on N  
and S. Edges and raised  
a mound of stone alongside  
Pit. impracticable  
of land, <sup>mountainous</sup>  
Soil 3<sup>rd</sup> and 4<sup>th</sup> rat  
You find

---

North bet. Secs. 13 and 18  
Cor. 120 41' E.

40.00 Set a Lava stone  $13 \times 10 \times 8$   
ins. 9 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on

E. Bdy, T. 21 S. R. 31 E.

Chowin

N. face and raised a mound  
of stone along with.

Pts. impracticable

48.00 Ascend along S. E. slope  
of Lava Cone

63.00 Highest point on cone and  
descend N. E. slope

76.00 Enter. Couk Bottom, leave  
slope bet. N. W. and S. E.

80.00 Get a Lava Stone  $16 \times 12 \times 7$  ins  
11 ins. in the front for Cor. W  
Sep. 7-12-13-18 marked  
with ~~4~~ notches on N. and  
4 notches on S. Edges and  
raised a mound of stone  
along with. Pts. impracticable  
Land falling and mountainous  
Soil + its rate  
Some good from

E. Bdy J, 21 S. R. 31 E. Cont.

choirs

North cut, Secs. 7 and 12  
Cor.  $120^{\circ} 48' E.$ 4.00 Dry creek bed like wide channel  
N. W.40.00 Seta Lava stone  $15 \times 7 \times 7$  ins  
10 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W.fac. and raised a mound  
of stone along side  
Pit impracticable54.50 <sup>half</sup> Secs. N.  $70^{\circ} W$  and S.  $70^{\circ} E.$ 80.00 Seta Lava stone  $12 \times 12 \times 5$   
ins. 8 ins. in the ground for  
Cor. to Secs. 7-12 marked  
with 1 notch on N. and 5  
notches on S. edges and  
raised a mound of stone  
along side. Pit impracticable  
Sand rollingSoil 3<sup>d</sup> and 4<sup>th</sup> rate. Good grass

E. Bdy, T. 21 S. R. 31 E. Cont.

Chairs

North bet. Secs. 1-6

Cor.  $120 \times 41$  E.

40.00

Set a Lava Stone  $13 \times 9 \times 9$  ins  
 & vis. in the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on N. face and  
 raised a mound of stone  
 alongside. Pile impracticable

So. 60

Intersect 4<sup>th</sup> Standard  
 Parallel South  $4.10$  chs.  
 West of the Standard  $\frac{1}{4}$  Sec  
 Cor. on <sup>South Bdy</sup> Sec  $36$  T<sup>21</sup> S. R. 31  
 E. which is

a Lava stone  $12 \times 10$  ins.

Set firmly in the ground  
 marked  $\frac{1}{4}$  on N. face with  
<sup>S.C</sup>  
 mound of stone alongside  
 and when I set a post  $4 \frac{1}{2}$   
 ft long  $4$  ins. square with  
 marked stone  $12$  ins in the ground  
 for closing Cor. to T<sup>21</sup> S.

85

BOOK 1567

E. Bdy J. 21 S. R. 3; E. Cont

Choirs

Rouges 31 - 32 E. marked  
 C.P. J. 21 S. on S.  
 R. 32 E. S. 6 on E. and  
 R. 31 E. P. 1 on W. faces  
 with 6 notches on S. E. and  
 W. faces, and passage of  
 mound of stone <sup>around post,</sup> ~~around~~  
 Pit impracticable.

Land rolling and level  
 Soil Stony 3<sup>d</sup> rate  
 Grass good

Nov. 29<sup>th</sup> 1883

+

I carefully examined the  
 adjustment of my solar  
 instruments today particularly  
 the latitude and crossing  
 apparatus and found them  
 correct.

E. Bdy J. 20 S. R. 31 E.

chain

From the Standard Cor. to  
Townships 20 S. R<sup>s</sup> 31 and  
32 E. which is a post &  
wire square set firmly in  
the ground marked  
S. C. T. 205 on N.  
R. 32 E. S. 31 on E. and  
R. 31 E. S. 36 on W. face  
with 6 notches on N. E. and  
W. faces with pits 24 x 18 x 12  
ins. across wire on each line  
N. E. + W. of <sup>post</sup> ~~box~~ and mound

87

BOOK 1567

E. Bdy T, 20 S. R. 31 E.

e. Choin

of earth  $2\frac{1}{2}$  ft high 5  
ft. base around post  
square

North bet Secs 31 and 36

Cor.  $12^{\circ} 41' E.$ 

40.00 Set apart 3 ft. long  $3\frac{1}{2}$  sq ft  
with marked stone 12 ins. in  
the ground for  $\frac{1}{4}$  sec. cor  
marked  $\frac{1}{4}$  S. on N. face  
dry pit.  $18 \times 18 \times 12$  ins N and  
S. of post  $5\frac{1}{2}$  ft. dia. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
post

50.00 like a post 4 ft. long 4 ins.  
square with marked stone  
12 ins. in the ground for cor  
to Secs. 20-30-31-36 marked  
T. 20 S. S. 30 on N. E.  
R. 31 E. S. 31 on S. E.



E. Bdy. T. 20 S. R. 3, E Cont.

Chains

R. 34 E. S. 36 on S. W. and  
S. 25 on N. W. faces with  
with 5 notches on N. and  
1 notch on S. edges, dug pits  
18 x 18 x 12 ins. in each pit  
5 1/2 ft. dia. and raised a  
mound of earth 2 ft. high  
+ 1/2 ft. base around post  
Land level

Soil 35 rate  
Grass fair

---

North bet Secs. 25 and 30

Cor. 120 41' E.

33.50 Arroyo 20 lks wide Course N. E.

40.00 Set a post 3 ft. long 3 1/2  
square with marked stone  
12 ins. in the ground for 1/4  
Sec. Cor. marked 1/4 S. on W.

E. Bdy J. 20 S. R. 31 E. Cont.

e. Choin

face, dug pits  $18 \times 18 \times 12$  ins  
N and S of post  $5\frac{1}{2}$  ft. dia  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
around post.

S. 00 Set a post 4 ft. long 4 ins  
square with marked stone  
12 ins. in the ground for C  
to Recs. 19-24-25-30

marked

T 20 S. S. 19 on N. E.

R. 32 E. S. 30 on S. E.

R. 31 E. S. 25 on S. W. and

S. 24 on N. W. faces with

4 notches on N. and 2 notches

on S. Edges dug pits  $18 \times 18 \times 12$

ins. in each cor  $5\frac{1}{2}$  ft. dia

and raised a mound of

earth 2 ft. high  $1\frac{1}{2}$  ft. base

around post.

E. Bdy. T. 20 S. R. 31 E. Cont.

choirs

Land level  
Soil 1<sup>st</sup> and 2<sup>nd</sup> rate and  
rich bottom land  
Gross fair

---

North bet Secs. 19 and 24  
Cor. 12° 41' E.

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

50.00 Set a post 4 ft long 4 in  
square with marked stone  
12 in. in the ground for Cor

E. Bdy J. 20 S. R. 31 E. Cont.

Chairs

to Secs. 13-18-19-24 marked  
 T. 20 S. S. 18 on NE.  
 R. 32 E. S. 19 on S. E.  
 R 31 E. S. 24 on S. W. and  
 S. 13 on N. W. faces marked  
 with 3 notches on N & S. edges  
 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 around post  
 Land level  
 Soil 1<sup>st</sup> and 2<sup>5</sup> parts  
 Green fern

---

North bet. Secs. 13 and 18  
 Var. 12° 41' E.

- 18.50 Trail bet. N. E. and S. W.  
 37.17 Road bet. N. E. and S. W.  
 40.00 Set a post 3 ft. long 3 ins

E. Body J. 20 S. R. 31 E. Cont

Choir

square with marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  S. on W. face,  
dry pit -  $18 \times 18 \times 12$  ins N and S. of post  $5\frac{1}{2}$  ft dia  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
base around post

So. or

Set a post 4 ft. long 4 sqs square  
with marked stone 12 ins in  
the ground for Cor. to Recs  
7-12-13-18 marked  
T. 20 S. S. 7 on N. E.  
R. 32 E. S. 18 on S. E.  
R. 31 E. S. 13 on S. W. and  
S. 12 on N. W. faces, with  
2 notches on N and 4 notches  
on S. edges. dry pit  $18 \times 18 \times 12$   
ins. in each Sec.  $5\frac{1}{2}$  ft dia  
and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft  
base around post

E. Bdy, T. 20 S. R. 31 E. Cont

Chairs

Land level

Soil 2<sup>5</sup> and 3<sup>5</sup> rate

Grass food

North bet Secs 7 and 12

Cor. 12041' E.

28.70 Arroyo 21 lks. wide Corner N.E.

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

80.00 Set a post 4 ft. long 4 in square  
with marked stone 12 in. in  
the ground for Cor to Secs 1-6-  
7-12 marked

E. Bdy J. 20 S. R. 31 E. Cont.

chain

T. 20 S. S. 6 on N. E.  
 R. 32 E. S. 7 on S. E.  
 R. 31 E. S. 12 on S. W. and  
 S. 1 on N. W. faces with  
 1 notch on N. and 5 notches  
 on S. edges, dug pits 18x18x  
 12 ins. in each Sec. 5 1/2 ft.  
 ditch and raised a mound  
 of earth 2 ft. high 4 1/2 ft.  
 box around post  
 Land slightly rolling valley  
 Soil 2' and 3' rate  
Gun food

North but Secs 1 and 6

Cor. 12° 41' E.

40.00 let a post 3 ft. long 3 ins. square  
 with marked ptm 12 ins. in  
 the ground for 1/4 Sec Cor.

E. Bdy. T. 20 S. R. 31 E.

e. Choinis

marked  $\frac{1}{4}$  S. on W. face  
dry pit 18x18x12 ins N & S.  
of post 5  $\frac{1}{2}$  ft. dia. and  
raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. diam  
around post

7x.00 Ruins of old Pueblo to N.  
2, 20 chs. dist

80.00 Set a post 4 ft. long 4 ins diam  
with marked stone 12 ins in  
the ground for Cor. to Tps  
19 and 20 S. Ranges 31 and  
32 E. marked

T. 19 S. S. 31 on N. E.

R. 32 E. S. 6 on S. E.

T. 20 S. S. 1 on S. W. and

R. 31 E. S. 36 on N. W. faces

with 6 notches on each edge;  
dry pits 24x18x12 ins length =  
miser on each line N. S. E & W.



E. Bdy. T 20 S. R. 31 E.

of post 6 ft. dia and  
raised a mound of earth  
2<sup>nd</sup> ft. high <sup>5</sup> ft. over around

~~Post~~

Snow mountain bes. S. 35° W.

Peak in foot hills of Chiri-Ca-  
hua Range bes. S. 69° 30' W.

Sharp Peak in Pelloncillos Range  
bes. N. 53° 30' East

Land slightly rolling  
Ooil 2<sup>nd</sup> and 3<sup>rd</sup> rate  
grass good

Dec. 6<sup>th</sup> 1883

West bound T. 20 S. R. 31 E.

e chains

I run the Standard Cor to Townships 20 South R<sup>E</sup> 30 and 31 E. which is a granite stone 13 x 8 ins set firmly in the ground marked with 6 notches on N. E. and W. edges and mound of stone along side

I run

North bet Secs. 31 and 36  
Cor. 12° 15' E.

4.00 Corog 35 to mid Course S. E.

34.50 Ciencia bus. W. about 8  
chains

40.00 Set a granite stone 12 by 10 x 8 ins. 8 ins. in the front for 1/4 sec. marked 1/4 on W face  
dry pit 18 x 18 x 12 ins N. S.  
of stone 5 1/2 ft dia and raised a mound of earth

W. Bdy J. 20 S. R. 31 E.

Chains

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

8000

Set a limestone 13 x 10 x 8 ins  
8 ins. in the ground for cor to  
Secs 25-30-31-36 marked  
with 5 notches on N and 1  
notches on S edges, dug pits  
18 x 18 x 12 ins. in each Sec  
3 1/2 dia and raised a  
mound of earth 2 ft. high  
4 1/2 ft. base alongside  
Land rolling  
Soil 2<sup>d</sup> and 3<sup>d</sup> rate  
Grass good

---

North 1/4 Secs. 25 and 30

Var. 12020

5.00

Trail bet. N. W. and S. E.

4.00

Set a limestone 10 x 10 x 7 ins

W. bdy. T. 20 S. R. 31 E.

Chains

7 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on N. from  
dry pits 18x18x12 ins N + S.  
of stone 5  $\frac{1}{2}$  ft. dist and  
raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base  
alongside

69.60 Road bes. N. W. and S. E.

80.00 Set a granite stone 11x8x8  
ins 7 ins. in the ground for Cor  
& Secs 19-24-25-30 marked  
with 4 notches on N and 2  
notches on S. edges. dry pits  
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 alongside  
Land rolling  
Soil 3<sup>d</sup> rate  
Gore good

## N. Boundary T. 20 S. R. 31 E.

chain

North bet Secs 19-24

Cor. 120 / S. E.

- 12.50 Trail bet. N. E. and S. W.
- 23.00 Enter broken and mountainous  
foot hills, bet. N. W. and S. E.
- 40.00 Set a Lava stone  $26 \times 18 \times 8$   
ins 19 ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on N.  
face and raised a mound  
of stone along side  
Pit impracticable
- 54.00 Offset 10 Chs. West to avoid  
impassable Lava Bluff  
bet. E. and W.
- 80.00 Set back to line and set  
a Lava stone  $30 \times 16 \times 12$  ins  
24 ins. in the ground for Cor  
to Secs. 13-18-19-24  
marked with 3 notches on N  
and S. edges and raised

N. Bdy J. 20 S. R. 31 E.

Chain

a mound of stone along with  
Pits impracticable

Camp Prier br. West about  
30 chains dist.

Level Mountain and broken  
Soil Stony. 4<sup>th</sup> rate  
Gross soil

---

North br. Secs. 13 and 18  
Cor.  $12^{\circ} 18' E.$

Descend

23.00 Leave mountainous foot hills  
br. N. E. and S. W. and  
Enter Valley

37.30 Trail br. N. E. and S. W.

40.00 Set a Lava Stone  $13 \times 2 \times 9$   
ins 8 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
N. face. dug pit  $18 \times 18 \times 12$  ins

W. Bdy. T. 20 S. R. 31 E.

Chairs

N and S. of stons 5 1/2 ft  
dirt and raised a mound  
of earth 1 1/2 ft. high 3 1/2 ft.  
base alongside

50.00

Set a granite stone 20 x 15 x 4  
ins. 15 ins. in the ground for  
Cor. to Secs. 7-12-13-18 marked  
with 2 notches on N and  
4 notches on S. edges, dug  
pits 18 x 18 x 12 ins. in each  
Sec. 5 1/2 ft. dirt and raised  
a mound of earth 2 ft.  
high 4 1/2 ft. base alongside  
Land <sup>23<sup>dis</sup></sup> mountainous and level <sup>remains</sup>  
Soil 3<sup>d</sup> and 4<sup>th</sup> rate  
Grass fine

---

N. Bdy. Town 20 S. R. 31 E.

Chain

North bed Secs 7 and 12  
Cor. 12° 18' E.

- 40.00 Set a granite stone 18x16x8  
ins. 12 ins in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
N. face and raised a  
mound of stone alongside  
Pits impracticable
- 42.00 Enter Mountainous foot  
hills bet. N. W. and S. E.
- 60.00 Top of spur bet. N. W. and S. E  
descend
- 80.00 Set a granite stone 13x13x9  
ins. 8 ins. in the ground  
for Cor. to Secs. 1-6-7-12  
marked with 1 notch on  
N. and 5 notches on S.  
edges and raised a mound  
of stone alongside  
Pits impracticable



W. Bdy Tp. 20 S. R. 31 E.

40.00

38cks'

Sand, mountainous

Soil 35 rats

Scattering OAK

---

North lot Secs 1 and 6

Cor. 12018' E.

Over broken ground

40.00

Set a granite stone 15 x 14 x 8  
ins. 10 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
on W. face and carried a  
mound of stone alongside

Pets. impracticable

61.00

Leave foot hills near N.E. and S.W.  
of <sup>2</sup> small valley.

80.00

Set a limestone 20 x 12 x 8 ins  
15 ins. in the ground for  
Cor. to Townships 19 and 20  
South R<sup>s</sup> 30-31 East

W. Bdy J. 20 S. R. 31 E.

e Chorus

Marked with 6 notches on  
each edge, dry pits  $24 \times 18 \times$   
12 ins. lengthwise on  
each line N. S. E. and W.  
of 80 or 6 ft. dia and  
raised a mound of earth  
2 1/2 ft high 5 1/2 ft. base  
along side.

Peak in Chfr. ca. tra Range to N. 12° W. W.  
" " " " " " 56° 30' W.  
" " " " " " 52° 30' W.  
of land mountains, and level  
Dred + salt  
Some oak  
Dec 7<sup>th</sup> 1883

I carefully examined the  
adjustment of my  
solar instrument today  
particularly the latitude  
and reversing apparatus  
and found them correct

North Bdy T. 20 S. R. 31 E

Chain

From the Cor to Tps 19 and  
20 S. R<sup>s</sup> 30 and 31 E.  
just set by me

Run E. on a roundow,  
line bet. Soil Townships  
~~the cor. of my compass~~  
being  $12^{\circ} 18' E$ .

Set temporary half mile  
and mile corners at  
each 40 and 80 chains  
and find the Township line  
to be 5 miles, 79 chs. and  
240 lks. long and the  
falling to be 150 lks. N. of  
cor. to Tps. 19 and 20 South  
R<sup>s</sup> 31 and 32 E. The  
Correction for the true line  
will therefore be 25 lks  
South and 60 lks West  
per mile and its corner

North Bdy. T. 20 S. R. 3, E.

Chairs

will be North 89° 49' W.

From the corner of Sec. 1 and  
20 S. R. 3, E. and  
recently, by the fence  
I run

N. 89° 49' W. on a true line  
bet. Secs. 1 and 36 cor. 13° 09' E

40.00 Set a granite stone 15 x 14 x 7  
ins. 10 ins. in the ground

for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
on N. face, dug pits <sup>18 x 18 x 12 ins</sup> E and  
W. of stone  $5\frac{1}{2}$  ft. dist

and and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft  
diam along side

60.00 Road to N. E. and S. W.

72.00 Foot of mountain and  
escarpment

N. Bdy T. 20 S. R. 31 E.

chain

80.00

Set a granite stone  $19 \times 12 \times 5$   
 ins. 19 ins in the ground  
 for Cor. to Secs. 12-35-36  
 marked with 1 notch on E.  
 and 5 notches on W. edges  
 and raised a mound of  
 stone alongside

Pits unpracticable  
 Land <sup>720<sup>ac</sup></sup> rolling and <sup>80<sup>ac</sup></sup> mountainous  
 Soil 3<sup>rd</sup> rate  
 Grass good

---

N. 89° 49' W. on a true  
 line bet Secs. 2-35

Cor. 13° 09' E.

40.00

Set a granite stone  $13 \times 12 \times 8$  ins  
 8 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on N. face  
 and raised a mound of stone

N. Bdy. J. 20 S. R. B1 E

chains

alongside. Pits impracticable  
Ascend along S. E. slope

80.00 Set a granite stone  $19 \times 12 \times 4$   
ins 12 ins in the ground for  
Cor. to Secs. 2-3-34 and 35  
marked with 2 notches on  
E, and 4 notches on W.

edges, and raised a  
mound of stone alongside  
Pits impracticable

Land mountainous and broken  
S. E. slope

Soil strong & a patch  
Good grazing

with  $89^{\circ} 49' W$ , on a true line but Secs 3-34  
var.  $12^{\circ} 48' E$ .

8.00 Top a spur. by N & S. and  
descend

3200 Bottom of Crown Course S. and  
ascend

N. Bdy J, 20 S. R. 31 E.

Chains

40.00

Set a granite stone  $18 \times 14 \times 9$   
 ins. 12 ins. in the ground  
 for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
 N face and raised a mound  
 of stone alongside  
 Pits impracticable

73.00

Top of mountain bis. N + S, 8 decades  
 Peak bis. S, about 6 Chs. dist.

80.00

Set a granite stone  $13 \times 10 \times 9$   
 ins 8 ins. in the ground for  
 Cor. to Secs, 3-4-33-34  
 marked with 3 notches on  
 E. and W. edges and raised  
 a mound of stone alongside  
 Pits impracticable  
 Land very broken and  
 mountainous  
 Soil 3' and 4' rate  
 Some good grazing

---

N. Bdy J. 20 S. R 31 E.

Chairs

N.  $89^{\circ}49' W.$  on a true  
line bet. Secs. 4 and 33  
Cor.  $12^{\circ}48' E.$

40.00 Set a granite stone  $15 \times 10 \times 6$   
ins. 10 ins. in the ground  
for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
on N. face and raised a  
mound of stone along side  
Pits impracticable

62.00 Bottom of <sup>Cross</sup> Cotton and Airways  
70 lks. wide Corner S. E. and  
Ascend

80.00 Set a granite stone  $15 \times 9 \times 7$  ins.  
10 ins. in the ground for Cor W  
Secs. 4-5-32-33 marked  
with 4 notches on E. and 2  
notches on W. edges and  
raised a mound of stone  
along side. Pits impracticable  
Land mountainous and



N. Bdy J. 20 S. R. 31 E.

leaves

Very broken

Soil 35 and 40 ft. rate

Some lumps

---

<sup>on top of</sup>  
N. 89° 49' W. <sup>line</sup> but Sec 5-32  
Cor. 12° 18' E.

1800 Top of mountain spur, <sup>has MS</sup> and  
descends

29.00 Arrives 80 lks with course N. E.  
and ascends

4000 like granite stone 10 x 10 x 7  
ins. 12 ins. in the ground for  
1/4 Sec. Co. marked 1/4 on N  
face and raised around  
of stone along side  
Pits impracticable

6100 Leave E. <sup>line</sup> - follow course S. E.  
and over broken mt. top.

74.00 Descend mountain spur to  
N + South

N. Bdy J. 20 S. R. 31 E.

chains

80.00 *Set in granite stone*  
 24 x 13 x 8 ins. 18 ins. in  
 the ground for cor to Secs  
 5-6-31-32 marked with  
 5 notches on E and 1 notch  
 on W. edges and raised  
 a mound of stone  
 along side. Pits impracticable  
 Sand mountainous and  
 extremely broken  
 Soil + a rats  
 Some Juniper and Piñon trees

---

N. 89° 49' W. on a true  
 line bet Secs. 6 and 31

Cor. 12° 18' E.

3500 leave foot of *matricaria*  
 23 p. h. n. n. S

N. Bdy J. 20 S. R. 31 E.

mins  
40.00

Set a growth stone  $14 \times 9 \times 7$   
ins & ins. in the front for  $\frac{1}{4}$   
Sec. Cor marked  $\frac{1}{4}$  on N  
face, dug pits  $18 \times 18 \times 12$  ins  
E. and W. of stone  $5\frac{1}{2}$  ft.  
dit and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft  
longwise

9.40 The Cor. to Tps. 19 and 20 S.  
R. 30 and 31 E.

Land very mountainous  
and broken

Soil stony & it rate  
Some oak and Pinon timber.

Dec 8<sup>th</sup> 1883

I carefully examined the adjustments  
of my solar instrument today par-  
ticularly the latitude and revolving  
apparatus and found them correct

N. Bdy T. 20 S. R. 32 E.

Chains

From the Cor. to Tps 19 and  
20 S. R. 31 - and 32 E  
recently established by one  
I can

E. on a timber line bet Secs  
6 and 31

Var.  $12^{\circ} 41' E.$

39.56

Set a post 3 ft. long 3 in  
square with marked stone  
12 in. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  S. on N.  
dug pit 18 x 18 x 22 in E. and W. of post  $\frac{1}{4}$  of Sec. 6  
far, and raised a mound  
of earth ~~1 1/2~~ ft. high  $3\frac{1}{2}$  ft  
bar around post

79.56

Set a post 4 ft. long 4 in  
square with marked stone 12  
in. in the ground for cor to  
Secs. 5-6-31-32 marked  
T. 19 S. S. 32 on N. E.  
R. 32 E. S. 5 on S. E.

N. Bdy T. 20 S. R. 32 E.

ins

T. 20 S. S. 6 on S. W. and  
S. 31 on N. W. faces with  
4 notches on E. and 1 notch  
on W. edges dug pits  $18 \times 18 \times 12$   
ins. in each sec.  $5\frac{1}{2}$  ft. dia  
and raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base around  
post

Sound level.

Soil 3<sup>d</sup> rate

Gross prod

East on a true line bet Secs  
5 and 32

Var. 12041' E.

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

North Bdy T. 20 S. R. 32 E.

## Chairs

fac. dug pits  $18 \times 18 \times 12$   
 ins. E. and W. of post  $5\frac{1}{2}$   
 ft. dia and raised a mound  
 of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft  
 base around post

58.00 Cross Road bet. N. E. and S. W.

20.00 Set a post 4 ft. long 4 ins.  
 square with marked stone  
 12 ins. in the ground for cor-  
 neres. 4-5-32-33 marked

T. 19, S. S. 33 on N. E.

R 32 E, S. 4 on S. E.

T. 20 S. S. 5 on S. W. and

S. 32 on N. W. faces with  
 4 notches on E. and 2 notches

on W. Edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec.  $5\frac{1}{2}$  ft. dia  
 and raised a mound of  
 earth 2 ft. high  $4\frac{1}{2}$  ft base  
 around post

North bdy, T. 20 S. R. 32 E.

ch is

Land level  
Soil 3<sup>d</sup> rate  
Gross good

---

East on a true line bet Secs  
4 and 33

Cor. 12° 41' E.

2.00 Set a post 3 ft. long 3 ins.  
square 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 2 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. over  
around post

4.00 Set a post 4 ft. long 4 ins.  
square with marked stone  
12 ins. in the ground for Cor to

N. Bdy, T. 20 S., R. 32 E

Chairs

Secs. 3-4-33-34 marked

T. 19 S. S. 34 on N. E.

R. 32 E. S. 3 on S. E.

T. 20 S. S. 4 on S. W. and

S. 33 on N. W. faces with  
3 notches on E. and W. edges

dry 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

around post

Low level

Drill 3<sup>5</sup> rats

Gross prod

Each on a horizontal line Secs

3 and 34

Var. 12° 41' E.

40.00 Set a post 3 ft. long 3 ins.



N. Bdy. T. 20 S. R. 32 E.

square with marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  S. on N. face  
dug pits 18x18x12 ins. E. and  
W. of post 5  $\frac{1}{2}$  ft. ditch and  
raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. from  
around post

ov

like 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. 19 S. S. 35 on N. E.  
R. 32 E. S. 2 on S. E.  
T 20 S. S. 3 on S. W. and  
S. 34 on N. W. faces with  
2 notches on E. and 4 notches  
on W. Edges, dug pits 18x18x  
12 ins. in each Sec. 5  $\frac{1}{2}$  ft  
ditch and raised a mound

N. Bdy T. 20 S. R. 32 E

Chairs

of Earth 2 ft. high 4 1/2 ft  
base around post

Low Level

Soil 3<sup>rd</sup> rate

Grass good

on a true line  
East bet. Secs. 2 and 3<sup>rd</sup>  
Cor. 12041' E.

19. 30 Intersect New Mexico and  
Arizona boundary 24.60 Chs  
South of the 36.3<sup>rd</sup> mile Cor.  
which is a Lava Stone 17x12x  
4 ins firmly set in mound  
of stone marked  
36.3" on the North side  
32° N. E. on the S. side  
'Ariz' on the W. and  
'N.M.' on the E.

N. Bdy. T. 20 S. R. 32 E

chains

At point of intersection  
I set a post  $4\frac{1}{2}$  ft long 4  
ins. square with marked  
down 12 ins. in the ground  
for closing Cor. to Tps. 19 and  
20 S. R. 32 E. marked  
C.C.A.R. 32 on W.

T. 19 S. S. 35 on N.

T. 20 S. S. 2 on S. faces and  
N. M. on E. side with 6 notches  
on N. W. and S. Edges, dug  
pits  $24 \times 18 \times 12$  ins. N. W. and  
S. of post 6 ft. ditch crosswise  
on each line and raised  
a mound of earth  $2\frac{1}{2}$  ft  
high 5 ft. over around post  
found level. Soil 3<sup>5</sup> parts. Good good

Dec. 16<sup>th</sup> 1883

123

BOOK 1567

N. Bdy T. 2. S. R. 32 E.

Carefully examined the  
adjustments of my  
Solar instrument today  
particularly the latitude  
and reversing apparatus  
and found them correct

Longe line through Tps. 19 S. bet. R<sup>s</sup> 30-31 E.

hours

From the Cor. to Tps. 19 and 20  
S. Ranges 30 and 31 E.

Previously established by  
me

I saw

North bet. Secs 31 and 36

W.  $12^{\circ} 41' E.$

Over level Valley

40.00 Set a granite stone  $16 \times 12 \times 9$   
ins. 11 ins. in the ground for  
 $\frac{1}{4}$  sec. Cor. marked  $\frac{1}{4}$  on N.  
face and raised a mound

of stone along side

Pts. impracticable

42.00 Leave Valley and enter foot  
hills of Chinacashua

mountainous &

Ascend to N. W. and S. E.

73.00 Top of spur. to N.  $70^{\circ} W.$   
and S.  $70^{\circ} E.$  and

Range line thro. Sps 19 S. R<sup>e</sup> 30-31 E.

Choirs

descend

80.00

Set a granite stone 20x12x7  
ins. 15 ins. in the ground for  
cor. to Sies, 25-30-31-36  
marked with 1 notch on S.  
and 5 notches on N. Edges  
and raised a mound of  
stone along side

Pit in <sup>practic</sup> cobb

Sound mountain <sup>38 chs</sup> and <sup>remains</sup>

rolling

Soil 3<sup>5</sup> and 4<sup>a</sup> rate

grass good

own oak

North bet. Sies, 25 and

30

Var. 12<sup>o</sup> 41' E.

Range line thro Sp. 19 S. R<sup>s</sup> 30-31 E.

hours

- 1.00 Bottom of Crown Course E.  
and ascend main Range
- 36.00 Round Peak bes. E. 3. rocks. dist
- 40.00 Sth a granite stone 20 x 17 x 12  
ins. 15 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W.  
face and raised a mound  
of stone along side.  
Pit impracticable
- 70.00 Peak of Mountain bes.  
E. about  $1\frac{1}{2}$  miles dist
- 80.00 Sth a granite stone 15 x 9 x 8  
ins. 10 ins. in the ground  
for Cor. to Secs. 19-24-25-30  
marked with 2 notches on  
S. and 4 notches on N. Edges  
and raised a mound of stone  
along side. Pit impracticable  
Sth mountain and  
broken with deep Ravines

129

Range line thro. Tps. 19. S. R<sup>o</sup> 30-31 E.

Soil Rocky 4 it water  
some grass



Range line through Tps 19 S. R<sup>2</sup> 30 and 31 E.

Coins

North West Secs 19 and 24  
 W. 12° 48' E.

Ascending

40.00 Set a granite stone 15 x 12 x 9 ins  
 10 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on W. face  
 and raised a mound of  
 stone alongside

Pit, impracticable

80.00 Set a granite stone 24 x 18 x 12 ins  
 18 ins. in the ground for Cor. to Secs  
 13-18-19-24 marked with 3  
 notches on S. and N. edges and  
 raised a mound of stone  
 alongside. Pit, impracticable  
 Surface very broken & mountainous  
 S.E. Slope of mountain  
 Soil Rocky 4<sup>th</sup> rate  
 Some oak and Pinon

---

Range line thru. Tps. 19 S. R<sup>2</sup> 30 + 31 E.

Chains

North bet Sers. 13 and 18

Or. 12048' E.

Continue ascent

40.00 Set a granite stone 28 x 12 x 9  
ins, 19 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of stone  
around side. Pt. impracticable  
from which

An oak 13 ins. diam. br. N.

31° E. 28 lks. dist marked

$\frac{1}{4}$  S. B. T. No other trees within <sup>limits</sup>

43.00 To edge of Horse Shoe Cañon  
Course N. 74° E. and  
descend

58.00 Bottom of Cañon less ft. deep  
and <sup>cross</sup> creek 20 lks wide and  
ascend

76.00 Leave Cañon and ascend  
S. E. slope of range

Range line thro. Tps. 19 S. R<sup>s</sup> 30 and 31 E.

choirs

5000

Set a granite stone 26 x 13 x 9  
ins, 19 ins. in the ground for  
Cor. to Secs. 7-12-13-18  
marked with 4 notches on S.  
and 2 notches on N. Edges  
and raised a mound of  
stone alongside

Pits impracticable

Land very broken & mountainous

Soil 4<sup>th</sup> rate

Some oak and Pine

North bet Secs. 7 and 12

Cor. 12° 51' E.

Ascend along divide

37.00

Top of main Range bet. N. 13°  
E. and along broken Summit  
of same

40.00

Set a granite stone 13 x 10 x 9

Range line thro. Tps. 19 S. R. 30-31 E.

Chairs

8 ins. dia. in the ground for  
1/4 Sec. cor. marked 1/4 on N.  
face and raised a mound  
of stone along side.  
Pits impracticable.

From which

A Pine <sup>tree</sup> 19 ins. dia. bes. S. 26°  
E. 24 lks. dist. marked 1/4 S. B. J.  
A Pine tree 13 ins. diam. bes. N. 12°  
W. 30 lks. dist. marked 1/4 S. B. J.

80.00 Set a granite stone 13 x 9 x 7  
ins 8 ins. in the ground for Cor  
to Secs. 1-6-7-12 marked  
with 1 notch on N. and  
4 notches on S. E. edges

From which

A Pine 24 ins. diam bes.  
S. 26° E. 24 lks. dist. marked  
T. 19 S. R. 31 E. S. 7 B. J.  
A Pine 18 ins. diam bes.

Range line thru Tps. 19 S. R. 30-31 E.

chain

N.  $13^{\circ}$  E. 28 lks. dist marked

T. 19 S. R. 31 E. S. 6 B. T.

A Pine 26 ins. diam. brs S.  $18^{\circ}$

$30^{\circ}$  W. 10 lks. dist marked

T. 19 S. R. 30 E. Sec. 12 B. T.

A Pine 24 ins. diam. brs N.

$24^{\circ}$  W. 42 lks. dist marked

T. 19 S. R. 30 E. S. 1. B. T.

Sound very broken

Summit of Chiri-ca-hua  
Mountains

Soil Rocky 4<sup>th</sup> rate

Heavy Pine on N. slope of  
breaks

North bet Secs. 1 and 6

W.  $120^{\circ} 51'$  E.

Along Summit of Range

2800 Descend along broken N. W.

Range line thro Tps. 19 S. R<sup>s</sup> 30 and 31 E.

Chains

Slope

40.00 Set a granite stone 20x10x9  
ins. 15 ins. in the ground for  
1/4 Sec. Cor. marked 1/4 on W face

From which

A Pin tree 10 ins. diam. brs  
N. 120 W. 38 LKs. dist marked  
1/4 S. B. T.

A Pin tree 16 ins. in diam  
brs. N. 63° 30' E. 45 LKs  
dist marked 1/4 S. B. T.

50.00 Set a granite stone 12x10x9  
ins. 8 ins. in the ground for  
Cor. to Tps 18 and 19 S. R<sup>s</sup>  
30 and 31 E. marked with  
6 notches on each edge and  
raised a mound of stone  
along the Pit. impracticable  
from which

Range line thro. Tps. 19 S. R<sup>s</sup> 30 and 31 E.

Chairs

A Pine tree 15 ins. diam. bas. N.  
130 E. 48 lbs. dist marked

T. 18 S. R. 31 E. S. 31 B. T.

A Pine tree 26 ins. diam. bas.  
S. 240 N. 24 lbs. dist marked

T. 19 S. R. 30 E. S. 1 B. T.

No other trees within limits

Low mountains & broken

N. W. Slope

Soil 3<sup>d</sup> path

Heavy Pine timber

Dec. 23<sup>rd</sup> 1883

Range line thw. Tps. 18 S. R<sup>d</sup> 30<sup>bet</sup>, 31 E.

## Chains

From the cor to Tps. 18 and 19  
S. R<sup>d</sup> 30 and 31 E. just  
set by me

I ran North bet Secs. 31 + 36  
Cor. 120° 18' E.

## Descent

18.00 Cor. on 7 chs. with course N. 54°  
W. and

## Ascend S. W. slope

40.00 Set a granite stone 17 x 13 x 12  
ins. 11 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of stone  
alongside. Pits impracticable  
from which

A Pine tree 15 ins. diam base  
N. 54° W. 48 lks. dist marked  
 $\frac{1}{4}$  S. B. T.

No other trees within limits



Rouge line thro. <sup>bet</sup> Sps. 18 S, R<sup>S</sup> 30 and 31 E.

chains

8000

Sth a granite stone 12x12x15 in  
8 ins. in dia found for Cor to  
Sics. 25-30-31-36 marked  
with 5 notches on N, and 1  
notch on S. Edges and raised  
a mound of stone around  
Pits impracticable

From which a Pine 15 ins.  
diam. brs. S. 61° W. 52 lks  
dist. marked

T. 18 S. R. 30 E. S. 36 B. T.

A Pine tree 10 ins. diam brs  
N. 19° E. 24 lks. dist marked

T. 18 S. R. 31 E. S. 30 B. T.

A Pine tree 13 ins. diam brs  
N. 26° W. 45 lks. dist marked

T. 18 S. R. 30 E. S. 25 B. T.

No other trees within limits  
Surface Mountainous & broken  
S. W. slope

Range line thro. Tp. 18 S. bet R<sup>5</sup> 30-31 E.

choirs

Soil Rocky + a patch  
Heavy Pine timber

---

North bet. Secs. 25 and 30  
Var. 120° 18' E.

Ascend over breaks

40.00 Sit a granite stone 15 x 9 x 4  
ins. 10 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.

61.00 Top of divide bet. N. 16° W.  
and S. 16° E. and along sound

50.00 Sit a granite stone 26 x 13 x 12  
ins. 19 ins. in the ground for  
Cor to Secs. 19-24-28-30 marked  
with 4 notches on N. and 2  
notches on S. Edges and

Range line thro Tps. 18 S. bet. R. 30-31-E.

chains

raised a mound of stone  
alongrid, pits impracticable  
ground which

A Pine tree 15 ins. diam base,  
N. 64° E. 34 lks. dist, marked  
T. 18 S. R. 31 E. S. 19 B. T.

A Pine tree 14 ins. diam base  
S. 13° W. 13 lks. dist marked  
T. 18 S. R. 30 E. S. 20 B. T.

A Pine tree 8 ins. diam base,  
N. 24° W. 36 lks. dist, marked  
T. 18 S. R. 30 E. S. 24 B. T.

No other trees within limits  
Land very broken and rough  
Summit of mountain  
Soil 3<sup>d</sup> and 4<sup>th</sup> rate  
Heavy Pine Timber

---

Ranga line thro Sps. 18 S. R<sup>5</sup> 30-31 E.

Chairs

North Cut. Secs. 19 and 24  
Var.  $12^{\circ} 51' E.$

7.00 Descend from Range bes.  
N.  $20^{\circ} W.$  and S.  $20^{\circ} E.$

19.00 Cañon to chs. wid. Course  
N.  $89^{\circ} E.$  and ascend

36.00 Cross point of mountain spur  
bes. N. W. and ~~contour~~ descend

40.00 Set a granite stone  $18 \times 13 \times 12$  ins  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face and  
raised a mound of stone  
alongside. Pit, impracticable  
from which a Pinon 10 ins diam.  
bes. N.  $50^{\circ} E.$  34 lks. dist  
marked

$\frac{1}{4}$  S. B. J. No other trees within limits

50.00 Set a granite stone  $26 \times 17 \times 12$   
ins 19 ins. in the ground for  
Cor. to Secs. 13-18-19-24

Rough line thro Jps. 1 & 5, R<sup>s</sup> 30-31 E.

Chains

marked with 3 notches on N.  
and S. Edges and said a  
mound of stone along side  
Pits impracticable

From which

A Piñon tree 7 ins. diam base  
S. 10° E. 30 lks. dist marked  
T. 18 S. R. 31 E. S. 19 B. T.

A Piñon 5 ins. diam base  
N. 36° W. 24 lks. dist. marked  
T. 18 S. R. 30 E. S. 13 B. T.

No other trees within limits

Surface mountainous & broken

Soil stony & rate

Trunks of heavy Pin

North bet Secs. 13 and 18

Cor. 12° 52' E.

Continue descent

Range line thro Tps 18 S. R<sup>2</sup> 30-31 E.

Chairs

26.00 Deep Rovin 4 chs. wide Corner  
N. E.

40.00 Set a granite stone 17x13x12 ins  
11 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor: marked  $\frac{1}{4}$  on N. face  
and raised a mound of  
stone along side.

Pits impracticable

80.00 Set a granite stone 15x10x10 ins  
10 ins. in the ground for cor to  
Secs. 7-12-13-18 marked with  
2 notches on N. and 4 notches  
on S. Edges

From which

An oak 9 ins. diam. br N. 45°

E. 48 lks. dist marked

T. 18 S. R. 31 E. S. 7 B. T.

A pine tree 15 ins. diam br

S. 26° E. 24 lks. dist marked

T. 18 S. R. 31 E. S. 18 B. T.

Range line thro. Tps. 18 S. R. 30-31 E.

choirs

A Pin 10 ins. diam. hrs. S. 340  
W. 18 lks. dist. marked

T. 18 S. R. 30 E. S. 13 B. T.

A Pin 16 ins. diam. hrs. N. 670

W. 28 lks. dist. marked

T. 18 S. R. 30 E. S. 12 B. T.

Surface mountainous & broken

Soil stony & salt

Heavy Pine and oak

North bet. Secs. 7 and 12

W. 12051' E.

12.00 Descending over high Peak  
to Cave Cañon 60 E. + W.

40.00 Let a granite stone 15-410-47 ins  
10 ins in the found for 1/4 Sec or  
marked 1/4 on W. face and  
raised a mound of stone  
alongside. Pits impracticable

143

BOOK 1567

BOOK 1567

Range limit thw. Tps. 18 S. R<sup>S</sup> 30-31 E

Chains

From which

A Pine 7 ins. diam base, N.  
28° W. 29 lks. dist. marked

1/4 S. B. T.  
No other trees within limits

57.50 Foot of descent

and S. fork of Cave Creek  
Corner E. N. E.

80.00 Set a granite stone 16x9x4  
ins. 9 ins. in the ground for  
Cor to Secs. 1-6-7-12 marked  
with 1 notch on N. and 5  
notches on S. edges and raised  
a mound of stone along with  
Pts. impracticable

From which

A Cedar 8 ins. diam base, N. 65°  
W. <sup>40 lks dist</sup> marked

T. 18 S. R. 30 E. S. 1 B. T. No other  
trees within limits  
Pt. Baldy in Main Range  
Sec. N. 42020 W.



Range line through Tps. 18 S. R<sup>d</sup> 30-31 E.

chains

A Peak in Range bet. S. 88°  
10' W.

Red mountain bet. S. 60° E.  
Surface very mountainous  
and broken

Soil stony, & at rate  
Timber of oak and Pine

---

North bet. Secs 1 and 6

Cor. 130° 00' E.

4.00 North fork Core Creek (in Cañon  
200 chs. wide ~~60~~ ft. deep) Corner E.

6.00 Cove, from which Core Cañon  
derives its name, bet. E. about  
15 chs. dist

40.00 Set a granite stone 15 x 12 x 7 in  
10 in. in the ground for 1/4 Sec.  
Cor. marked 1/4 on W. face and  
raised a mound of stone along with

145

Range line through Tps. 18 S. R<sup>s</sup> 30-31 E.

chains

Pits impracticable

From which

An oak 18 ins. diam. brs. N. 78°

W. 24 lks. dist. marked 1/4

S. B. T. No other trees within limits

M<sup>t</sup> Baldy brs. S. 37° W

Peak in Range brs. S. 72° 30' W.

Red mountain brs. S. 46° 30' E.

So, oo Set a granite stone 12 x 12 x 12 ins.

8, ins. in the ground for cor. to

Tps. 17 and 18 South R<sup>s</sup> 30 and

31 E. marked with 6 notches

on each edge and raised

a mound of stone along side

Pits impracticable

From which a Pine tree

17 ins. in diam. brs. N. 34° E.

60 lks. dist. marked

T. 17 S. R. 31 E. S. 31 B. T.

An oak 10 ins. diam. brs. S. 38°

Rongelim through Ips. 18 S. R. 30-31 E.

Chairs

N. 14 lks. dist marked

T. 18 S. R. 30 E. S. 1 B. T.

A Pine tree 4 ins. diam base

N. 45° W. 52 lks. dist marked

T. 17 S. R. 30 E. S. 36 B. T.

No other trees within limits

Surface mountainous

and broken

Soil 3<sup>d</sup> rate

Timber of Pine and oak

Dec. 24<sup>th</sup> 1883

I Carefully examined the  
adjustments of my solar  
instrument today per. =  
ticularly the latitude and  
reversing apparatus and  
found them correct

147

BOOK 1567

S. Bdy. T. 17 S. R. 31 E.

## Chairs

From the Cor. to Tps 17-18  
S. R. 30-31 E, recently  
set by Mr. Sallow. 132 lbs for coming  
from E. to Res. 6-31  
Cor. 131 E.

7.00 Dory Creek 34 lbs with  
Corner S. E.

8.00 Trail to N. W. and S. E. and  
ascend

38.68 Set a granite stone 20 x 13 x 10  
ins. 15 ins. in the found for  
1/4 Sec. Cor. marked 1/4 on  
N. face and raised a  
mound of stone along side  
Pit, impracticable  
no trace of this line

78.68 Set a granite stone 19 x 14 x 7  
ins 12 ins. in the found for  
Cor to Res. 5-6-31-32  
marked with 5 notches on E.  
and 1 notch on W. edges

S. Bdy. T. 17 S. R. 31 E.

choirs

and raised a mound  
of stone along side  
Pits unpracticable  
at foot of ascent.  
Land mountainous and  
very broken  
Soil stony & a rate  
Never oak and Pine in  
Creek bottom

---

East tes. Sec. 5 and 32  
N. 134° 09' E.

Over broken mountain slope  
13.00 Top of mountain bluff 100 ft.  
high tes. N. W. and S. E.

40.00 Wh a granite stone 18 x 12 x 7 in  
12 in. in the ground for 1/4  
Sec. Cor. marked 1/4 on N  
face and raised a mound

S. Bdy J. 17 S. R. 31 E.

Chairs

of stone alongside

Pits impracticable

64.00 Top of Reads mountain 1200  
ft. high to N. 80° E and S. 80°  
W. and along same

80.00 Set a granite stone 20 x 18 x 12  
ins. 15 ins. in the ground  
for Cor. to pics 4-5-32-33  
marked with 4 notches on  
E. and 2 notches on W.  
edges and raised around  
of stone alongside

Pits impracticable

Surface very mountainous  
and broken

Soil rocky 4th rate

Some Pine and Juniper

---

S. Bdy. T. 17 S. R. 31 E.

chain

East bet Secs 4-33

Cor. 130091 E.

7.00 Descend bluff 250 ft. high  
bet. N. E. and S. W.

40.00 Set a granite stone 15x10x8  
ins. 10 ins. in the ground for  
1/4 Sec. Cor. marked 1/4 on N  
face and raised a mound  
of stone along side  
Pit. impracticable

80.00 Set a granite stone 20x8x10  
ins. 15 ins. in the ground for  
Cor. to Secs. 3-4-33-34  
marked with 3 notches on  
E. and W. edges and  
raised a mound of stone  
along side. Pit. impracticable  
Land very mountainous & broken  
Soil 4 to 6 in.

Some Pinon and Piñon

S. Bdy T. 17 S. R. 37 E

Chains

Each 1/4 Secs 3 and 34

Cor. 130 09' E.

Descending to Cove Creek

34.80 Road bet. N.E. and S.W.

38.80 Cove Creek 52 lks. with

course N.E. and

ascend mountain bet. N.E. & S.W

40.00 Set a granite stone 19x10x9

ins. 13 ins. in the ground for

1/4 Sec. Cor. marked 1/4 on

N. face and raised a

mound of stone along side

Pit impracticable

50.00 Set a granite stone 15x14x9

ins. 10 ins. in the ground for

Cor to Secs. 2-3-34-35

marked with 2 notches on E.

and 4 notches on N. edges

and raised a mound of

stone along side



S. Bdy T. 17 S. R. 31 E.

Chairs

Pts. impracticable  
Land very broken and  
mountainous.

Soil rocky 40 rods  
Some Pine

---

East bet Secs. 2 and 35  
Nor. 13° 09' E.

Continue ascent

40.00 At a point 26 x 13 x 9  
ins. 19 ins. in the front for 1/4  
Sec. Cor. marked 1/4 on N face  
and raised a mound of  
stone along side.  
Pts. impracticable

74.00 Top of mountain bet N. 18°  
E. and S. 18° W. and  
descent

S. Bdy Tp. 17 S. R. 31 E.

Chairs

\$0.00

Set a granite stone 15 x 12 x 7  
 ins. 10 ins. in the ground for  
 cor. to Secs. 1-2-35-36 marked  
 with 1 notch on E. and 5  
 notches on N. Edges and  
 raised a mound of stone  
 along side. Pits impracticable  
 Surface very precipitous  
 and broken mt. slope  
 Soil 4th rate  
 Some oak and Pinon

---

East bet Secs. 1 and 36

Cor. 13<sup>0</sup> 09' E.

Continue to descend

40.00

Set a Granite Stone 24 x 12 x 9  
 ins. 13 ins. in the ground  
 for  $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$  on  
 N. face and raised a mound

S. B. by J. 17 S. R. 31 E

chains

of stone along side  
Pits impracticable

78.00 Enter Creek bottom Course N. E.

80.00 Set a Limestone  $20 \times 15 \times 9$   
ins. 15 ins. in the ground for  
Cor. to Tps. 17 and 18 South  
Range 31 and 32 E. marked  
with 6 notches on each edge  
and raised a mound of stone  
along side. Pits impracticable  
Soil 4<sup>th</sup> rate

Surface mountainous & broken  
Some scattering timber  
Grass good

Dec. 25<sup>th</sup> 1883

East Bdy. T. 17 S. R. 31 E,

chains

From the cor. to Tps. 17 and  
18 S. R.  $\pm$  31 and 32 E,  
just established by me  
I run

North bet. Secs. 31 and 36  
Var. 13009' E.

Along E. slope of mountain

32.00 Trail bet. N. W. and S. E.

35.00 Ascend limestone ridge  
bet. N. W. and S. E.

40.00 Set a limestone 15 x 12 x 9 ins  
10 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
straw along side

Ditch impracticable

47.00 Top of Ridge bet. E. & W. and  
descend

70.00 Enter San Simon Valley  
bet. E. and W.

East Bdy. T. 17 S. R. 31 E.

chains

- 72.00 Corral bis. W. about 4.50  
chs. dist
- 73.50 A house bis. W. about 8 chs.  
dist
- 75.00 Cienega bis. W. 9 chs. dist
- 79.20 Stream from Cienega 20 lks  
mch flows East
- 800.00 Set a granite stone 24 x 20 x 16  
ins. 18 ins. in the front for  
Cor. to Secs. 25-30-31-36  
marked with 5 notches on  
N and 1 notch on S edges  
and raised a mound  
of stone dump pile  
Pts impracticable  
Land <sup>10 cks</sup> rolling and  
70 cks  
mountainous  
Soil 30 rods  
grass good
-

East Bdy T. 17 S. R. 31 E.

chains

North bet. Secs 20 and 30  
 Var. 120 51 E.

1.00 Cienega bet. W. 9 chs. dist.

40.00 bet a granite-stone 18 x 10 x 7  
 ins. 12 ins. in the ground for  
 1/4 Sec. Cor marked 1/4 on W.  
 fac and raised a mound  
 of stone along side  
 Pits impracticable

50.00 Enter dense mosquito  
 brush. bet. E and W.

70.00 Road bet. N. W. and S. E.

80.00 bet a granite-stone 18 x 12 x 9  
 ins. 12 ins. in the ground for  
 Cor to sec. 19-24-25-30  
 marked with 4 notches on  
 N. and 2 notches on S edges  
 and raised a mound of  
 stone along with  
 Pits impracticable

East Bdy. T. 17 S. R. 31 E

hours

Land slightly rolling  
Soil 3<sup>5</sup> oats  
Vener Mesquite brush 30 chs

---

North bet Secs. 19 and 24  
R. 120 51' E.

3.00 Cave Creek 1.00 chs. wide  
Corner N. E.

40.00 Set a granite stone 12x11x10  
ins, 8 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

80.00 Set a granite stone 10x10x8 ins  
7 ins. in the ground for Cor  
to Secs. 13-18-19-24 marked  
with 3 notches on N & S. Edges  
and raised a mound of

159

BOOK 1567

East Bdy. T. 17 S. R. 3, E.

Chairs

Stone alongside.

Pits impracticable

Land slightly rolling

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

Some Mesquite brush

North bet. Secs. 13 and 18  
Twp. 12<sup>n</sup> 51' E.

- 29.20 Road from Caon Creek to  
San Simon Cienega bus.  
N. E. and S. W.
- 40.00 Set a granite stone 12 x 9 x 6 ins  
8 ins in the front for 1/4 Sec  
Cor. marked 1/4 on W. face  
and raised all round of stone  
alongside. Pits impracticable
- 50.00 Set a granite stone 9 x 8 x 8 ins  
6 ins in the ground for cor to  
Secs 7-12-13-18, marked



E. Bldg, T. 17 S. R. 31 E.

chains

with 4 notches on N, and  
4 notches on S. edges and  
raised a mound of stone  
along side. Pits impracticable  
Loud nearly level  
Soil 3<sup>d</sup> rate  
Some mesquite brush

---

North bet. Secs. 7 and 12  
Cor. 12° 51' E.

- 40.00 Limestone stone 12 x 7 x 6 ins  
6 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 & S. of  
stone 5  $\frac{1}{2}$  ft. dia and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base along side
- 80.00 Deposited a marked stone 12  
ins. in the ground for Cor.

E. Bdy T. 17 S. R. 31 E.

chains

to Sics. 1-6-7-12, dug pits  
18 x 18 x 12 ins. in Each Sic, 5 1/4  
ft. dist. and raised a mound  
of Earth 2 ft. high 4 1/2 ft. base  
over a Ia S. E. pit down  
stake 2 ft. long ins. square  
12 ins. in the ground marked

T. 17 S. S. 6 on N.E.

R. 32 E. S. 7 on S. E. R 31 E.

S. 12 on S. W. and

S. 1 on N. W. faces with 1  
notch on N. and 5 notches  
on S. Edges

Sound level

Oril 35 pats

Down mesquite brush

---

E. Bay T. 17 S. R. 31 E.

Chains

north, bet. Dico 1 and 6

Cor. 12051 'E

40.00

Set a granite stone 13x12x7  
ins. 8 ins. in the ground for  
1/4 sec. Cor marked 1/4 on  
W. face and raised a  
mound of stone alongside  
Pits impracticable

53.10

Aug. 28 lks wide Corner N. E.

79.20

Aug. 24 lks, wide Corner N. E.

80.00

Set a granite stone 17x12x6  
ins 11 ins. in the ground for Cor  
to Tps 16 and 17 S. R<sup>s</sup> 31-32  
E. marked with 6 notches  
on each edge and raised  
a mound of stone alongside  
Pits impracticable

Land slightly rolling  
and 3<sup>rd</sup> rate

Some mesquite brush

E. Bdy J. 17 S. R. 31 E

Dec 26 1883

Carefully examined the  
adjustments of my solar  
instrument today particularly  
the latitude and reversing  
apparatus and found  
them correct

N. Bdy T. 17 S. R. 31 E.

- Chain From the cor to Sp 17 + 18 S. R. 30 + 31 E  
 just established 5000  
 North bet. Secs. 31 and 36  
 For 130 or E.
- 25.00 Anoyo 45 lks. wide Course E.
- 26.20 Trail bet. N.W. and S. E.
- 40.00 Set a granite stone 13x10x9  
 ins. 8 ins. in the ground for  
 1/4 Sec. Cor. marked 1/4 on W.  
 face and raised a mound  
 of stone along side  
 Pitt. impracticable  
 From which  
 An oak 7 ins. diam bet. N. 42°  
 E. 45 lks. dist. marked  
 1/4 S. B. T.
- No other trees within limits
- 42.00 Trail bet. N. E. and S. W.
- 74.00 Top of divide bet. Case and  
 Turkey Creek and  
 descend
- 80.00 Set a granite stone 17x12x8 ins

N. Bdy J. 17 S. R. 31 E.

Chains

11 ins. in the ground for Cor to  
 Secs. 25-30-31-36 marked  
 with 5 notches on N. and 1  
 notch on S. edges and  
 raised a mound of stone  
 alongside. Pit impracticable  
 Surface mountainous  
 Soil 3<sup>d</sup> rate  
 Some oak timber

---

North bet. Secs. 25 and 30  
 Descend br 13° E

14.12 Trail bet. N. W. and S. E.

15.50 Stream of water 3 lks wide  
 Cross N. E.

4000 Set a granite stone 12x12x8 in.  
 8 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on W. face  
 and raised a mound of

N. Bdy, T. 17 S. R. 31 E.

Chains

79.90

Ston alongside Pits impracticable

Road Secs. N.E. and S.W.

80.00

Sth a granite ston 13x12x7  
ins 9 ins. in the ground for

Cor. to Secs. 19-24-25-30

marked with 4 notches on  
N. and 2 notches on S. edges  
and raised a mound of  
ston alongside.

Pits impracticable

Land mountainous

Soil 3<sup>d</sup> rate

Grass good

Some oak brush

North bet Secs 19-24

Cor. 130<sup>o</sup> or E.

9.00

Turkey Creek 18 lks wide

Course N.E. (Fine water)

W. Bdy. T. 17 S. R. 3, E.

Chains

40.00 Set a granite stone  $16 \times 13 \times 7$  ins  
11 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone along side  
Pit impracticable

75.40 Rocky Canon. 2.00 chs. wide  
Course S. E. and  
Ascend

80.00 Set a Granite stone  $20 \times 10 \times 8$   
ins. 15 ins in the ground for  
Cor. to Secs, 13-18-19-24  
marked with 3 notches on W.  
and S. edges and raised  
a mound of stone along side  
Pit impracticable  
Sand mountain foot hills  
Soil stony & a rate  
(grass good)

---



West Bdy T. 17<sup>o</sup>. R. 31 E.

North bet Secs. 13 and 18

Cor. 13<sup>o</sup> 00' E.

Ascend

- 36.00 Top of mountain spur bet  
N. 30<sup>o</sup> W. and S. 30<sup>o</sup> E. and  
descend through Pinon brush
- 40.00 Set a limestone 15 x 13 x 9 ins  
10 ins. in the ground for 1/4 Sec  
Cor. marked 1/4 on W. face  
and raised a mound of  
stone along side.
- Pit impracticable
- 61.00 Texas min. bet. West about  
12 hrs. dist
- 63.00 Cross 30<sup>th</sup> wide corner E.  
and leave brush
- 64.00 Road to min. bet. E & W.
- 80.00 Set a granite stone 14 x 8 x 7 ins  
9 ins. in the ground. for Cor. to  
Secs. 7-12-13-18 marked

169

BOOK 1567

West Branch T. 17 S. R. 31 E.

chains

with 2 notches on N. and 4  
notches on S. Edges and  
raised a mound of stone  
alongside. Pits impracticable.  
Surface very mountainous  
and broken

Soil stony & is slate  
Scum Pinon & Mesquite brush  
30 chs

---

North bek. Pres. 7 and 12  
Nor. 13° 00' E

Descent

12.10 Arroyo Course S. E.

40.00 Hit a limestone 14 x 9 x 8 in  
9 in. in the ground for 1/4 Sec  
Cor. marked 1/4 on W. face  
and raised a mound of

60.00 Top of mountain spur

W. Bdy T. 17 S. R. 31 E.

chains

bes. N. E. and S. W.

and along road

80.00

Set a limestone  $12 \times 10 \times 8$  in  
 $8$  in. in the ground for Cor 6  
 Sec. 1-6-7-12 marked with  
 1 notch on N. and 5 notches  
 on S. edges and raised a  
 mound of straw along side  
 Pit. impracticable

Land mountains

Soil stony & oak  
 Oak brush.

---

North bet Sec. 1 and 6

Var 13000' E.

10.00

Descend N. W. slope of mountain

40.00

Set a granite stone  $17 \times 10 \times 9$  in  
 $11$  in. in the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on W. face  
 and raised a mound of

W. Bdy. S. 17 S. R. 31 E.

Chain

Stone alongside

Pth impracticable

58.00 Arroyo 1.00 chm. wide

Course N. E.

80.00 Set a granite stone 19x10x10

ins. 12 ins. in the front for

Cor. to Tps. 16 and 17 S. R.

30 and 31 E. marked with

6 notches on each edge

and raised a mound of

stone alongside

Pth impracticable.

Land Mountaineer

Orch ~~etc~~ etc -

Some oak brush.

Good foun

Dec 27th - 1883

North Bdy, T. 17 S, R. 31 E,

Chains

From the Cor to Tps. 16-17 S,  
R<sup>s</sup> 30 and 31 E, just past 7  
mi

Saw East on a random  
line between said Tps  
~~the var. of my compass~~  
being 120 28' E.

I set temporary half mile  
and mile courses at <sup>Each</sup> 40 and  
80 chains and find the Tps line  
to be 5 miles 77.84 chains  
long, and the bearing to be  
110 lks South of the Cor. to  
Tps. 16 and 17 South R<sup>s</sup> 31 and  
32 E. previously set by me  
The correction for the true line  
will therefore be 18 1/2 lks North  
and 174 ch<sup>ns</sup> per mile and the  
course will be S. 89° 52' W.

N. Bdy. T. 17. S. R. 31 E.

Chain

Thence

I run

S.  $89^{\circ} 52'$  W. on a true  
line bet Secs. 1-36Cor.  $12^{\circ} 51'$  E.

40.00 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pits  $18 \times 18 \times 12$  ins  
E and W. of Cor.  $5\frac{1}{2}$  ft. dia  
and raised a mound of  
Earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. over  
over it. In E. pit drove a  
stake 2 ins. square 2 ft. long  
12 ins. in the ground marked  
 $\frac{1}{4}$  S. on N. face

80.00 Set a granite stone  $10 \times 9 \times 7$  ins  
7 ins. in the ground for Cor. to  
Secs. 1-2-35-36 marked with

N. Bdy, T. 17 S. R. 31 E.

chains

1 notch on E, and 5 notches  
on W. edges and raised a  
mound of stone along side  
Pits impracticable

Loose rolling soil 3<sup>5</sup> rats  
Gross Good

---

S. 89° 52' W. on a true line  
bet. Secs. 2 and 35

W. 120° 51' E.

40.00 Set a granite stone 11 x 9 x 5 in  
7 in. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
dry pit. 18 x 18 x 12 in. E + W.  
of stone 5 $\frac{1}{2}$  ft. dist and  
raised a mound of earth  
1 $\frac{1}{2}$  ft. high 3 $\frac{1}{2}$  ft. base along side

80.00 Set a granite stone 12 x 8 x 6 in  
8 in. in the ground for Cor

175

BOOK 1567

N. Bdy. T. 17 S. R. 31 E.

chains

to Secs. 2-3-34-35 marked  
 with 2 notches on E, and 4  
 notches on W. Edges. dug  
 pits 18x18x12 ins. in each  
 of Sec 5 1/2 ft. dist and raised  
 a mound of earth 2 ft high  
 4 1/2 ft. base along side  
 Land selling  
 Soil 3<sup>d</sup> rate  
 Grass good

---

S. 89° 52' W. on a true line  
 bet. Secs 3 and 34  
 W. 120 4 8' E.

40.00 Set a granite stone 13x12x8  
 ins. 8 ins in the ground for  
 1/4 Sec. Cor. marked 1/4 on N.  
 face dug pits 18x18x12 ins  
 E & W. of stone 5 1/2 ft. dist



N. Bdy. T. 17 S. R. 31 E.

Chains

and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$   
ft. base along side

80.00

Set a granite stone  $18 \times 17 \times 9$  ins  
12 ins. in the ground for Cor. to  
Secs. 3-4-33-34 <sup>marked with 37 notches</sup>  
<sub>on E. & W. edges</sub> and raised  
a mound of stone along side.

Pit impracticable.

Land nearly level.

Drains. N. E.

Soil 2<sup>5</sup> and 3<sup>5</sup> rate

Gross good

S.  $89^{\circ} 52'$  W. on a true line  
bet. Secs. 4 and 33

Cor.  $12^{\circ} 48'$  E.

37.50

Road bet. N. E. and S. W.

40.00

Set a limestone  $12 \times 10 \times 7$  ins  
8 ins. in the ground for  $\frac{1}{4}$  Sec

N. Bdy. T. 17 S. R. 31 E.

Chains

Cor. marked  $\frac{1}{4}$  on N. face  
and raised a mound  
of stone along side.

Pit. impracticable

48.00 Road bis. N.E. and S. W.

56.00 Foot of mountain and  
Ascend

80.00 Set a granite stone  $18 \times 16 \times 12$  ins  
12 ins. in the ground for Cor  
to Secs. 4-5-32-33 marked  
with 4 notches on E. and 2  
notches on W. Edges and  
raised a mound of stone  
along side. Pit. impracticable  
Surface <sup>24 chs</sup> mountainous & rolling  
Soil 3<sup>rd</sup> rate  
Grass good

---

N. Bdy. T. 17 S. R. 31 E.

points

S. 89° 52' W. on a true  
line bet Sws 5 and 32

Cor. 12° 28' E.

22.00 Spring in Creek bet N.  
about 9 chs. dist.

40.00 Hit a limestone 15 x 14 x 9 ins,  
10 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on N. face  
and raised a mound of  
stone along side.

Pits impracticable

43.00 Peak bet. S. 8 chs. dist

\$6.00 descend along N. slope of  
Peak bet. N. E. and S. W.

59.00 Turkey Creek bet lks wide  
cross N. E.

66.60 Road from Galeysville to  
San Simon Station bet N. E.  
and S. W. & Sulis valley

80.00 Hit a granite stone 15 x 13 x 8

199

BOOK 1567

N. Bdy, J. 17 S. R. 37 E.

Chowin

ins., 10 ins. in the ground for  
 Cor to Secs. 5-6-31-32 marked  
 with 5 notches on E. and 1  
 notch on W. Edges, dug pit  
 18x18x12 ins N. S. E. and  
 W. of stow 5 1/2 ft. dist  
 and raised a mound of  
 earth ~~2 1/2~~ ft. high 4 1/2 ft  
 base along grid

Land <sup>66.60 acres</sup> ~~mountainous~~  
~~remains rolling~~  
 Soil 2<sup>nd</sup> and 4<sup>th</sup> rate  
 Grass good

---

S. 89° 52' W. on a true line  
 bet. Secs. 6 and 31  
 Cor. 12° 28' E.

Leave level valley  
 Foot of spur bet. N. E and S. W.  
 and ascend

N. Bdy, T. 17 S, R. 31 E,

chain

15.50 Top of spur bis. N. E. and S. W.  
and extends S. W. and  
descend

40.00 Set a granite stone  $17 \times 16 \times 9$  ins  
11 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
and varied a mound of  
stone along with.

Pit impracticable

45.00 Descend spur, bis. N. E. and S. W.

65.00 Trail bis. N. E. and S. W.

67.50 Rocky array of 78 lks. with  
course N. E.

77.84 The cor. to Tps 16 and 17 S,  
Rs. 30 and 31 E.

Land is very mountainous

Soil 3<sup>d</sup> and 4<sup>th</sup> rate

grass good

Dec. 27<sup>th</sup> 1883

I carefully examined

181

BOOK 1567

N. Bdy. J. 17 S. R. 31 E.

the adjustments of my  
solar instrument today  
patiently the latitude  
and reversing apparatus  
and found them correct

West Bdy. T. 16 S. R. 3, E.

hours

From the Cor to Tps. 16 S. & 17 S.  
R<sup>s</sup> 30 and 31 E. recently  
set by me

Run North bet. Secs. 31-36  
var. 12° 28' E

Ascend gradually

7.00 Top of low hill bet E & W, and  
descend

14.00 Foot of hill bet. N. E. & S. W.

25.50 Trail bet. N. W. and S. E.

40.00 Set a granite stone 13 x 10 x 8  
ins. 9 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W.

faer and raised a surround  
of stone along side

Pits unpracticable

60.00 Set a granite stone 16 x 14 x 12  
ins. 11 ins. in the ground for  
Cor to Secs. 25-30-31-36  
marked with 1 notch on S. and

N. Bdy. T. 16 S. R. 3, E

choirs

5 notches on N. Edges  
and raised a mound of  
Stone along side  
Pits, impr. atreabl

Land rolling  
Soil 3' rate  
Gross good

North bet. Secs. 25 and 30  
Nor. 120 28' E,

3.70 Road bet. N. E. and S. W.

18.00 Arroyo 75 lks mid. corner  
N. 60° E and  
ascend

40.00 Let a granite stone 10 x 10 x 9  
ins. 7 ins. in the ground for



1846

N. Bdy, T. 16 S. R. 3, E.

Chs is

$\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$  on N.  
face and raised a mound  
of stone alongside  
Pits impracticable

67.00 Highest point on N. slope and  
descend

Pillar of rock 150 ft. high bes.  
E. 5, 50 chs. disk.

80.00 Set a granite stone  $18 \times 13 \times 6$  ins  
12 ins. in the ground for cor.  
to Secs, 19-24-25-30 marked  
with 4 notches on N. and  
2 notches on S. Edges and  
raised a mound of stone  
alongside. Pits impracticable  
Soil <sup>18 chs</sup> rolling & <sup>62 chs</sup> mountainous  
Soil 3<sup>5</sup> and 4<sup>1</sup> at rate  
from rock

St. Bdy, J. 16 S. R. 3, E.

chains

North bet. Secs 19 and 24  
 on 120 28' E.

Ascend <sup>slopy</sup> bis. E. and W.

34.00 Top of Blue mountain bis  
 N.  $15^{\circ}$  W. and S.  $15^{\circ}$  E. and  
 descend

40.00 Set a limestone  $12 \times 12 \times 6$  ins.  
 8 ins. in the ground for  $\frac{1}{2}$  Sec  
 Cor. marked  $\frac{1}{4}$  on W. face and  
 raised a mound of stone  
 along side. Pits impracticable

73.00 Leave mountain and enter  
 Sen. Simon Valley, bis. E. and W.

80.00 Set a granite stone  $10 \times 10 \times 9$   
 ins. 7 ins. in the ground for cor.  
 to Secs. 13-18-19-24 marked with  
 3 notches on N and S. Edges and  
 raised a mound of stone along side  
 Pits impracticable  
 73000  
 Long <sup>73000</sup> mountainous & level

W. B. dy, T. 16 S. R. 3, E.

chains.

Soil 3<sup>d</sup> rate  
Gross good

North bet. Secs 13 and 18  
Cor. 12051' E.

40.00 Set a granite stone 10x10x8  
ins. 7 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on N.

face, dug pit 18x18x12 ins  
N + S. of stone 5 $\frac{1}{2}$  ft. ditch  
and raised a mound of  
earth 1 $\frac{1}{2}$  ft. high 3 $\frac{1}{2}$  ft.  
base alongside

50.00 Dry creek 40 lks. wide  
Course N. 58° E.

80.00 Set a post 4 ft. long 4 ins  
with marked <sup>stone</sup>  
square <sup>24</sup> ins. in the ground  
Cor. cor. to Secs. 7-12-13-18

187

BOOK 1567

W. Bdy. T. 16 S., R. 31 E.

Chairs

marked

T. 16 S., S. 7 on N. E.

R. 31, E. S. 18 on S. E.

R. 30 E. S. 13 on S., W. and

S. 12 on N., W. faces with  
2 notches on N. and 4 notches  
on S. edges, dug pits 18x18x

12 ins. in each etc. 5 1/2 ft.

dirt and raised a mound

of earth 2 ft. high 4 1/2 ft.

dirt around post

Sand slightly rolling

Soil 3<sup>d</sup> rate

Grass good

Never mung with

W. Bdy. T. 16 S. R. 31 E.

Chains

North bet. Secs 7-12

Var.  $12^{\circ} 51' E.$

8.00 Along 32 lks. wide Course  
N.E.

41.00 Deposited a marked stone

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

Sec. Cor. dug pits  $18 \times 18 \times 12$

ins. N. and S. of cor 5'  $\frac{1}{2}$

ft. deep and raised a

mound of earth  $1\frac{1}{2}$  ft.

high  $3\frac{1}{2}$  ft. over it. In

N. pit drove a stake 2 ft. long

2 ins. square 12 ins. in the

ground marked  $\frac{1}{4}$  S. on W.

face

60.00

Set a granite stone  $12 \times 8 \times 6$

ins. 8 ins. in the ground for

Cor. to Secs. 1-6-7-12 marked

with 1 notch on N. and 5

notches on S. Edge. dug

190

BOOK 1567

BOOK 1567

N. Bdy T. 16 S. R. 3, E.

Chains

pits 18x18x12 ins. in each  
 Sec. 5 1/2 ft. disk and  
 raised a mound of earth  
 2 ft. high 4 1/2 ft. box  
 alongside

Land ralling

Soil 3<sup>d</sup> rate

Near Mesquite

40.00 North Sub. Secs. 1 and 6  
 cor. 120 5 1/2  
 Set a granite stone 10x9x8  
 ins. 7 ins. in the ground for  
 1/4 Sec. cor. marked 1/4 on  
 N. face, 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. box alongside

W. Bdy T. 16 S. R. 31 E.

Chains

89.20

Intersect 3 Standard  
 Parallel South 11.80 chs.  
 E. of Standard Cor. to Tps  
 15 S, R<sup>s</sup> 30 and 31 E,  
 which is a mound of earth  
 2 1/2 ft. high 5 ft. base with  
 pts. 24 x 18 x 12 ins. Cross wire  
 on each line N. E. and W.  
 of Cor. and in E. pit a stake  
 2 ins square driven firmly in  
 the ground marked  
 S. C. T. 15 S. on N.  
 R. 31 E. S. 31 on E. and  
 R. 30 E. S 30 on W faces with  
 6 notches on N. E. and W. faces

At point of intersection  
 I set a granite stone 14 x 14 x 5  
 ins. 8 ins. in the ground for  
 Closing Cor. to Tps. 16 S, R<sup>s</sup>

1926

BOOK 1567

W. bdy. J. 16 S. R. 3, E.

Chains

30 and 31 E, marked C. C.  
 with 6 notches on S. E. and W.  
 edges, dug pits 24 x 18 x 12  
 ins. Cross wires on each line  
 S. E. and W. of stow 6 ft. dist  
 and raised a mound of  
 earth 2 1/2 ft. high 5 ft. broad  
 alongside

Sand slightly rolling

Soil 3<sup>rd</sup> rate

Never mesquite brush

Jan. 4<sup>th</sup> 1884



E. Bdy, T. 16 S. R. 31 E.

chain

From the Cor to Tps. 16 and  
17 S. R<sup>S</sup> 31 and 32 E,  
recently Established by me  
I run

North bet. Secs 31 and 36

Dir.  $12^{\circ} 51' E.$

40.00 Set a granite stone  $12 \times 12 \times 7$  ins  
8 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor, marked  $\frac{1}{4}$  on N. face,  
and dug pits  $18 \times 18 \times 12$  ins  
N. and S. of stone 5'-ft. dist  
and raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. broad along side

63.00 Dry wash 2.00 ch. wide  $100 \times E$

80.00 Set a granite stone  $13 \times 10 \times 6$   
ins. 8 ins. in the ground for Cor  
to Secs. 25-30-31-36 marked  
with 5 notches on N. and 1  
notch on S. edges and raised  
a mound of stone along side

194

BOOK 1567

E. Bdy. T. 16 S. R. 31 E.

Chorus

Pts. impracticable  
 Land slightly rolling  
 Slope East  
 Soil 3' rate  
 Some mesquite brush

---

North bet. Secs. 25 and 30  
 Var.  $12^{\circ} 51' E.$

- 40.00 Set a granite stone  $15 \times 14 \times 4$   
 ins. 10 ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor marked  $\frac{1}{4}$  on  
 N. face. Drive posts  $18 \times 18 \times 12$   
 ins. N + S of stone  $5\frac{1}{2}$  ft.  
 dia. and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
 base alongside
- 80.00 Set a post 4 ft. long 4 ins.  
 square with marked stone  
 12 ins. in the ground for Cor

E. Bdy T. 16 S. R. 31 E.

chain

to Secs. 19-24-25-30

marked

T. 16 S. 19 on N. E.

R 31 E. S. 30 on S. E. R 31 E

S. 25 on S. W. and

S. 24 on N. W. faces with  
2 notches on S. and 4 notches

on N. Edges, dug pit 18x18x

12 ins. in each sec. 5 1/2 ft.

dirt and raised a mound

of earth 2 ft. high 4 1/2 ft.

for ground post

Land slightly rolling

Soil 3<sup>d</sup> and 4<sup>th</sup> rate

Never we quite brush

70.03 North lat. Secs. 19 and 24

Nor. 12° 51' E.

46.00 Lat a granite stone 10x10x5-

196

BOOK 1567

E. Boundary J. 16 S. R. 3, E

Choin

ins. 7 ins. in the ground for  
 1/4 Sec. Cor. marked 1/4 on  
 N. face, dug pit 18x18x12  
 ins. N + S. of stow 5 1/2 ft.  
 dia and raised a mound  
 of Earth 1 1/2 ft. high 3 1/2 ft.  
 dia along side

Sec 00

Set a granite stow 14x13x5  
 ins 9 ins in the ground for  
 Cor. to Secs. 13-18-19-24  
 marked with 3 notches on  
 S. and N. edges, dug  
 pit 18x18x12 ins. in each  
 Sec. 5 1/2 ft. dia and raised  
 a mound of Earth 2 ft  
 high 4 1/2 ft. dia along side  
 Land nearly level  
 Soil 3<sup>d</sup> and 4<sup>th</sup> rate  
 Never mesquite bush

E. Bdy T. 16 S. R. 31 E.

chains

North bet. Secs. 13 and 18  
 Dir.  $120^{\circ} 51' E.$

40.00 Set a granite stone  $10 \times 8 \times 6$  ins  
 7 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on N. face,  
 dug pit  $18 \times 18 \times 12$  ins. N & S.  
 of stone  $5\frac{1}{2}$  ft. dist and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. long  
 along side

41.40 Road from Galeyville to  
 San Simon Cienega bet N.  
 $61^{\circ} E.$  and S.  $61^{\circ} W.$

80.00 Set a granite stone  $10 \times 9 \times 7$   
 ins, 7 ins. in the ground for  
 Cor to Secs. 7-12-13-18  
 marked with 2 notches on  
 N. and 4 notches on S. edges  
 dug pit  $18 \times 18 \times 12$  ins. in  
 each sec.  $5\frac{1}{2}$  ft. dist and

198

BOOK 1567

E. Bdy J. 16 S. R. 3, E.

hoins

raised a mound of Earth  
2 ft. high  $4\frac{1}{2}$  ft. across  
alongside

Surface nearly level

Soil 3<sup>d</sup> and 4<sup>th</sup> rate

Some Mesquite brush

North bet. Secs. 7 and 12

Var.  $12^{\circ} 51' E$ ,

40.00 Set a granite stone  $12 \times 12 \times 4$

ins. 8 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. across alongside

80.00 Set a granite stone  $13 \times 8 \times$

ins. 8 ins. in the ground for

E. Bdy. T. 16 S. R. 3. E.

chains

Cor. to Secs. 1-6-7-12 marked  
with 1 notch on N. and  
5 notches on S. edges, dug  
pit 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. from along side  
nearly level  
S and slopes E.  
Soil 3<sup>d</sup> rate  
Never mesquite brush

---

North ch. Secs. 1 and 6  
Cor. 12° 51' E.

40.00

Set a granite stone 15 x 14 x 9 ins  
10 ins. in the ground for 1/4 Sec  
Cor. marked 1/4 on N. face  
dug pits 18 x 18 x 12 ins. N & S  
of stone 5 1/2 ft. dist and  
raised a mound of Earth

E. Bdy. J. 16 S. R. 31 E

chains

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

Sq. 70 Intersect 3<sup>5</sup> Standard  
Parallel South S. 9<sup>4</sup> Chs.  
E. of Standard Cor to Tps.  
15 South Ranges 31- and  
32 E. which is

a mound of earth 2 1/2 ft  
high 5 ft. base with pits  
24 x 18 x 12 ins. Cross wire  
on each line. N. E. and  
W. of Cor. in E. pit a stake  
2 ins. square driven firmly  
in the ground marked  
S.C. T. 15 S. on N.

R. 32 E. on E. and  
R. 31 E. S. 36 on W. faces  
with 6 notches on N. E. and  
W. E faces



S. Bdy T. 16 S. R. 31 E.

Chairs

At point of intersection I  
set a granite stone  $16 \times 12 \times 9$   
ins. 11 ins in the ground for  
closing Cor. to Tps. 16 S.  
R<sub>2</sub> 31 and 32 E. marked  
C. C. with 6 notches on  
S. E. and W. Edges, dug  
pit  $24 \times 18 \times 12$  ins. crosswise  
on each line, S. E. and W.  
of stone 6 ft. dish and  
raised a mound of earth  
 $2\frac{1}{2}$  ft. high 5 ft. base  
alongside

Land slightly rolling  
Soil 3<sup>d</sup> rate

Never Mesquite and  
Green wood brush

July. 6<sup>th</sup> 1884

For final notes see  
Book No. 11.

## U. S. Surveyor General's Office,

Tucson, Arizona, Mar. 19. 1884

The foregoing Field Notes of the Survey of the

Exterior Lines of Tps 22 S. R 29 East.

Tps. 20 S. R 29 E. Tps. 21 S. R 30 E. Tps. 20+21  
S. R 31 E. Tps. 20 S R 32 E. Range line  
through Tps. 18+19 S. R. 30+31 E. and  
Tps. 16+17 S. R 31 East,Of the Gila and Salt River Base and Meridian, Arizona, executed by Walter B. NeilDeputy Surveyor, under his contract of the 1stday of October, 1883, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe

are hereby approved

Royal A. Johnson  
Surveyor General.