

T. 23 N. R. 15 E. G. & S. R. M.

14

# Field Notes

OF THE SURVEY OF THE

*Subdivision lines*

BOOK 446

-OF- No. 446

Township *20 S* Range *10 E*

Gila and Salt River Base and Meridian

ARIZONA.

By *O. D. Miller* D.S.

Under contract dated *Aug 5th 1882*

Survey commenced *Nov. 4th 1882*

Survey completed *Nov. 7th 1882*

446

*Added  
Copied*

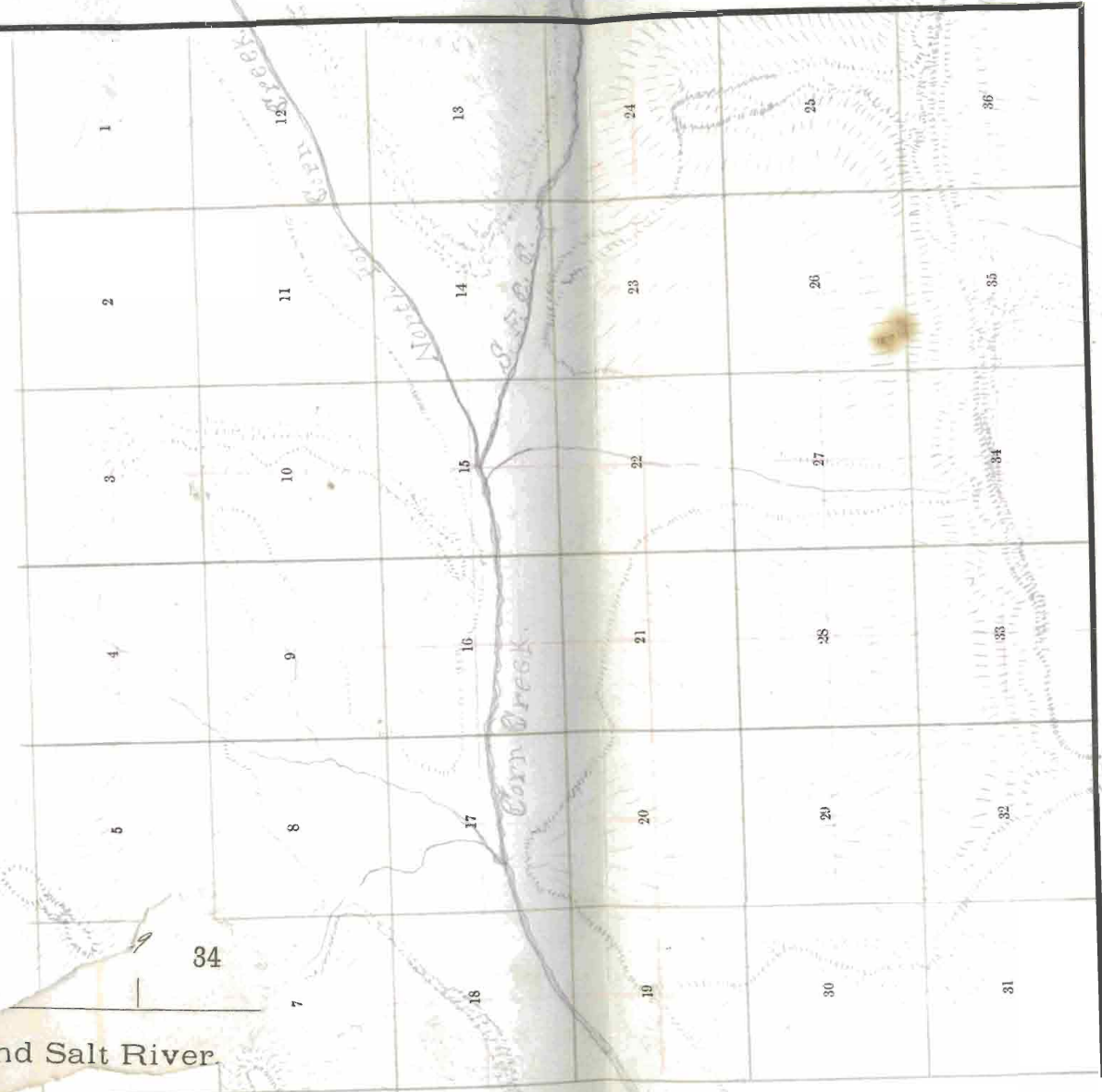
Edward Denny & Co., Stationers and Printers, Drawing Material, Etc. 312 So. to St., S. F.

Township No. 18 Range No. 13 East 11th Meridian

1A

BOOK 446

... and Salt River



BOOK 446

- TOWNSHIP PLOT.
- Meridian Line,
- Base Line,
- Standard Line,
- Township Lines,
- Section Lines,
- Meander Lines,
- Office Work.

## T. 23. N. R. 15 E. G. &amp; S. R. M

Ch.  
 From the Co. to Secs,  
 12, 35 + 36 on the S.  
 boundary of the township  
 recently established  
 by me I run  
 North bet. Secs, 35 + 36  
 Var.  $13^{\circ} 40' 0''$

Ascend

40,00 Deposited a marked stone 12 ins. in the  
 ground for  $\frac{1}{2}$  Sec. Cor. dug pits 18 x 18 x 12 ins.

St. and S. of stone  $5\frac{1}{2}$  feet dist and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
 it. In St. pit drove a stake 2 ft. long 2 ins.  
 sq. 12 ins. in the ground marked  $\frac{1}{2}$  S. on St.  
 face.

70,00 Top of spur to  
 E. of and St.  
 and descend

T. 23 N. R. 15 E. G. & S. R. M.

Ch.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs 25, 26, 27 & dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S E pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 23 N. S. 25 on N.E., R. 15 E. S. 26 on S.E., S. 27 on S.W. and S. 28 on N.W. faces, with / notch on S, and / notch on E edges.

Surface rolling  
Soil 4th rate  
Very little grass

East on a random line bet. Secs. 25 & 26  
Va. 130° 40' 0".

Ascend  
4 0.00 Set temporary 1/4 Sec. Cor.  
D. 10 cent  
79.84 Subtract D. Boundary



T.23. N. R. 15 E. C. & S. 1 M

Chs.

of the Township of  
 Links A. of the  
 Co. to Secs. 25,  
 29 31 and 36 recently  
 established. I run  
 N. 89° 44' W. on a true  
 line bet. Secs.  
 25 and 36 with same var.

39.92

Set a sand stone, 1/4 x 5 x 6 ins., 11 ins.  
 in the ground for 1/2 Sec, Cor, marked 1/4. on N.  
 face dug pile 18 x 18 x 12 ins. E. and N.  
 of stone 5 1/2 ft. dist. and raised a mound of earth  
 1 1/2 ft. high. 3 1/2 ft. base. alongside.

79.84

The Cor. to Secs. 25, 26, 35 & 36  
 Surface rolling  
 Soil 4th rate  
Very little grass

North bet. Secs. 25 & 26  
 Va. 10° 40' E.  
 Decend

## T. 23 N. R. 15 E. G. &amp; S. R. M

Chains

4000

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{2}$  Sec. Cor. dry pit 18 x 18 x 12 ins. N and S of stone  $5\frac{1}{2}$  feet dist and raised a mound of earth 11 ft. high 21 ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{2}$  S. on N. face.

8000

Set a flint stone 14 x 10 x 6 ins. 9 ins. in the ground for Cor. to Sec. 23 24. 20 x 26 marked with 2 notches on S. and 1 notch on E. edges. and raised a mound of stone alongside. Pits unfracturable. Surface rolling Soil 3rd. rate  
Good grass

## T. 23 N. R. 15 E. C. &amp; S. R. M.

Chains

East on a random line  
 bet. Secs. 24 and 25  
 Va. 10040' E.

Ascend

35.00

Top of four ps. St.  
 and S. and descend

40.00

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

80.30

Outlet Jr. and S.  
 line 50 links St.

of the Cor. to Secs.  
 19, 24, 25 + 30 recently

established by me.  
 thence I run N. 89°

36' St. on a true  
 line bet. Secs. 24 + 25

with same va.

40.15

Deposited a marked stone 12 ins. in the  
 ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
 E. and St. of stone  $5\frac{1}{2}$  feet dist and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
 it. In E. pit drove a stake 2 ft. long 2 ins.  
 or 12 ins. in the ground marked  $\frac{1}{4}$  S. on



T. 23. N. R. 15 E G. & S R M

Cho.

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

80.00 They Co. to Sec. 2324, 25 & 26  
 Surface rolling  
 Soil 3rd rate  
 Good grazing  
 North bet. Sec. 23 & 24  
 Va.  $120^{\circ}40'E.$   
 Descend

33.50 Descend abruptly  
 36.00 Enter valley bet. *N. N.* & *S. E.*  
 40.50 Set a flint stone,  $14 \times 10 \times 4$  ins., 9 ins. in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$ . on *N.* face, dug pits  $18 \times 18 \times 12$  ins. *N.* and *S.* of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.

80.00 Set a flint stone  $14 \times 8 \times 6$  ins., 9 ins. in the ground for Cor, to Secs, 13, 14, 23 & 24 marked with 2 notches on *S.* and 1 notch on *E.* edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft.



## T. 23 N. R. 15 E. C &amp; S. R. M

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

Surface rolling and rough  
Soil 3rd. rate  
Good grazing

East on a random line  
bet. Secs. 13 and 24  
Var. 130° 35' E.

Over nearly level land

1200 Walk 85 links wide Co.  
N. 80° W.

2000 Leave valley bet. N. 75° W.  
and S. 75° E. and

ascend over hiker

4000 Set temporary Sec. Cor.

8000 Enter 2nd E. boundary  
of the township, 32  
links N. of the Cor.  
to Secs. 13 and 24

T.23 N. R. 15 E G. & S R M

Ch.

which was recently  
established by T. J. M.  
Thence to run N.  $89^{\circ} 46'$   
W. on a true line  
bet. Sec. 13 and 24  
with same var.

40.00

Set a flint stone,  $16 \times 8 \times 4$  ins., 11 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N.  
face, dug pits  $18 \times 18 \times 12$  ins. E. and N.  
of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. alongside.

80.00

The Cor. to Secs. 13, 14, 23 & 24  
In valley some grass  
Soil 3rd. rate  
On banks no grass  
Soil 4th. rate

North bet. Secs. 13 & 14  
Va.  $10^{\circ} 35' E$   
Dressed

## T. 23 N. R. 15 E. C. &amp; S. R. M.

Chs.

75 Mark 50 links wide to  
 N. 75° W.  
 5,000 Leave valley to N. 75° W.  
 and S. 75° E. and  
 ascend over breaks

4900

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

76.00

8000

Enter valley

Set a flint stone  $\frac{1}{2}$  x  $\frac{1}{4}$  x 4 ins, 11 ins. in  
 the ground for Cor. to Secs. 11, 12, 13 & 14 marked  
 with 4 notch each S. and / notch on E. edges,  
 dug pits 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{4}$  ft.  
 dist. and raised a mound of earth 2 ft. high.  
 4  $\frac{1}{2}$  ft. base. alongside.

Surface rolling and rough  
 Soil 3rd. rate  
 Good grazing



## T. 23. N. R. 15 E. G. &amp; S. R. M

Chs.

Cast on a random line  
bet. Secs. 12 and 13  
Va.  $130^{\circ} 40' E.$

Over level valley land

18.00

Leave valley begin to  
ascend rapidly

21.50

Does ascent nearly level

40.00

Set temporary 1/4 Sec. Cor.

79.82

Intersect E. boundary of  
the Township of Plunk's  
S. of the Cor. to Secs.  
7, 12, 13 & 14 which was  
recently established by me.  
thence I run S.  $89^{\circ}$   
 $57'$  N. on a true  
line bet. Sec. 12 & 13  
with same va.

89.91

Set a flint stone,  $14 \times 8 \times 6$  ins., 9 ins.  
in the ground for 1/4 Sec. Cor. marked 1/4 on N.  
face, dug pits  $18 \times 18 \times 12$  ins. E. and N.  
of stone 1/2 ft. dist. and raised a mound of earth



## T.23. N. R. 15 E. G. &amp; S. R. M

Ch.

1 1/2 ft. high. 3 1/4 ft. base. alongside.

79.52 The Cr. to Sec. 11, 12, 13 & 14  
 Surface nearly level  
 and rolling  
 Soil 3rd. rate  
 Good grass

North bet. Secs. 11 and 12  
 Va. 13045'E.

9.50 Open valley  
 Wash 25 ft. wide  
 to S. N.

38.00 Leave valley begin to  
 ascend

40.00 Set a flat stone 16x9x6  
 ins. 11 ins. in the  
 ground for 1/4 Sec. Cr.  
 marked 1/4 on N. face  
 and raised a mound  
 of stone alongside

## T. 23. N. R. 15 E. G. &amp; S. R. M

Cho.

80.00 Pits impracticable  
 Set a flint stone  
 14x10x10 ins. 9 ins.  
 in the ground for  
 Cor. to Secs. 1, 2, 11 and  
 12 marked with  
 5 notches on S. and  
 1 notch on E. edge  
 and raised a mound  
 of stone alongside

Pits impracticable  
 Surface rolling  
 Soil Fert. rate  
 Good grazing

East on a narrow down  
 line bet. Secs. 1 and 12  
 Va. 13040'E.

Doand

40.00 Set trap on 1/4 Sec. Cor.

## T.23 N. R. 15 E. G. &amp; S. R. M.

Cha

79.92 ~~Intersect~~ C. Boundary  
 of the town ship 15 blocks  
 S. of the Cor. to Secs.  
 1 & 2 and 1 & 2 which was  
 recently established by me  
 there I run S. 89°  
 54' N. on a true line  
 bet. Secs. 1 and 2  
 with same ca,

39.96 Set a flint stone, 14 x 8 x 6 ins., 9 ins.  
 in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N.  
 face, dug pits 18 x 18 x 12 ins. E. and W.  
 of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.

79.92 The Cor. to Secs. 1, 2, 11 & 12  
 Surveyed rolling  
 Put 2d. rate  
 Good grazing

T. 23 N. R. 15 E. G. & S. R. M

Chor

on a random line  
North of Sec. 1 and 2

to,  $13^{\circ} 40' E$ ,

Across over rolling hills

40.00

Set together on  $\frac{1}{4}$  Sec. Cor.

80.30

Intersect A. found on  
of the township 32  $\frac{1}{2}$  blocks  
E. of the Cor. to Secs.  
12, 35 and 36 which

was recently established  
by me. Thence I

run  $S 0^{\circ} 14' E$  on  
a true line bet.

Secs. 1 and 2 with

same var.

40.30

Set a flint stone,  $4 \times 8 \times 6$  ins., 9 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$ . on N.  
face, dug pits  $18 \times 18 \times 12$  ins. N and S.  
of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. alongside.

80.30

The Cor. to Secs. 1, 2, 11 & 12  
Surface rolling



No. 446

BOOK 446

T. 23 N. R. 15 E. C. & S. R. M

Chs.  
Soil Fert. rate  
Good grazing  
I carefully examined  
the adjustments  
of my Solar Com-  
pass to-day  
particularly the  
latitude and reversing  
apparatus and found  
them correct  
G. D. Whelan Nov. 4<sup>th</sup>  
1892.

T. 23 N. R. 15 E. C & S. R. M

Chains

From the Cor. to Secs,  
 23, 34 and 35 on  
 the S. boundary of  
 the township which  
 was recently established  
 by me. From  
 North bet. Secs. 34 and 35  
 Va. 130° 40' E.

Ascend

35,000

Top of ridge bet. E.  
 and N. and descend

4,000

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

8,000

Set a post 4 ft. long 4 ins. square, with marked  
 stone, 12 ins. in the ground for Cor. to Secs,  
 26, 27, 35 & 34 marked T. 23 N. S. 26 on  
 N. E. R. 15 E. E. 35 on S. E. S. 34 on

## T. 23 N. R. 15 E. C. &amp; S. R. M

Chains

S, W, and S, 27 on N. W. faces, with 1 notch  
 on S, and 2 notch 0 on E. edges, dug  
 pits 13 x 13 x 12 ins. in each Sec., 5 1/2 ft. dist.  
 and raised a mound of earth 2 ft. high. 4 1/2 ft.  
 base. around post.

Surface rolling  
 Soil 3rd. rate  
 Good grazing

East on a random  
 line bet. S. 12, 26 + 35  
 Va. 130° 40' E.

Diurnal

4000 Set temporary 1/4 Sec. Corn  
 79.96 Intersect N. and S.  
 line 26 bet. S. of  
 the Corn to Secs. 25,  
 26, 35 and 36 then  
 Run S. 89° 49' N. on  
 a true line bet. S. 12,  
 26 and 35 with

## T.23 N.R 15 E C. &amp; S R M

Chs.

same va

3995

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

79.96

The Cor. to S. 10. 26. 27. 34 + 35

Survey rolling

Set 3rd. rate

Good grazing

North bet. S. 10. 26 and 27

Va, 18<sup>th</sup> 40' E.

Decid

4000

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



T. 23 N. R. 15 E. G. & S. R. M.

Chs.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 22, 23, 26 + 27 marked T. 23 N. S. 23 on N. E. R. 15 E. S. 26 on S. E. S. 27 on S. W. and S. 22 on N. W. faces with 2 notch on S, and 2 notch 0 on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 54 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Surface rolling  
Soil 3rd. rate  
good grazing

East on a road on line bet. Sec. 23 and 26

Va. 13° 40' E

Acres

40.00 Set temporary 1/4 Sec. Cor.  
79.89 Intersect. of line 42 bu. S. of the Cor. to Sec. 23

T. 23. N. R. 15 E G. & S R M

Sho.

23, 24, 25 and 26  
thru Q run S, 89°  
42' N. on a true  
line bet. Secs, 23 & 26  
with same va.

3995-

Deposited a marked stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
E and W. of stone  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
it. In E. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on W.  
face.

7989 The Cor. to Secs. 22, 23, 26 & 27  
Surface rolling  
Soil 3rd. rate  
Good grazing  
North bet. Secs. 22 & 23  
Va. 13048'E.  
Duced

## T. 23. N. R. 15 E. G. &amp; S. R. M

Chs.

40,00

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.

N. and S. of stone  $5\frac{1}{2}$  feet dist and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N. face.

54,00

Descend very abruptly.

77,00

Enter valley bet. E. and N.

80,00

Set a ~~Corner~~ stone 4 x 8 x 8 ins. in the ground for Cor. to Secs. 14, 15, 22, 23 marked with 3 notch on S. and 2 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Soil all rolling

Soil 3rd. rate

Good grazing

East on a random line bet. Secs. 14 and 23  
Va. 13° 40' E.



## T. 23. N. R. 15 E. G. &amp; S. R. M

Chs.

- 40.00 *Done*  
Set trench on 1/4 Sec. Cor.
- 41.00 Enter valley Mrs. N. 80° N.  
and S. 80° E.
- 50.16 Enter set N. and S.  
line 14 links N. of  
the Cor. to Sec. 14,  
18, 14, 23 and 24 thence  
I run N. 89° 54' N.  
on a true line bet.  
S. 10, 14 and 23 with  
same as,
- 40.08 Deposited a marked stone 12 ins. in the  
ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins.  
E. and N. of stone 5 1/2 feet dist and raised  
a mound of earth 1 1/2 ft. high 3 1/2 ft. base over  
it. In E. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked 1/4 S. on N.,  
face.
- 50.16 The Cor. to Sec. 14, 10, 22  
and 23



## T. 23. N. R. 15 E. G. &amp; S. R. M.

Ch.

Surface rolling  
Soil Fert. rate  
Good grazing

North bet. Secs. 14 & 15

Pa.  $130^{\circ}40' E.$

Over level valley land

21.30 Wash 35 buks wide Co.  
cr.  $75^{\circ} N.$

40.00 Set a sand stone,  $4 \times 6 \times 4$  ins., 9 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N.  
face, dug pile  $18 \times 18 \times 12$  ins. E, and N.  
of stone  $5 \frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1 \frac{1}{2}$  ft. high,  $3 \frac{1}{2}$  ft. base, alongside.

52.10 Wash 40 buks wide Co. S. N.

62.00 North side of valley bet.  
N. E. and S. N. and  
Begin to ascend over  
Shales

80.00 Set a split stone  $36 \times$   
 $26 \times 14$  ins. 27 ins. in

## T. 23. N. R. 15. E. G. &amp; S. R. M.

Chs.

the ground for Cor.  
to Secs 10, 11, 14 and 15  
marked with 4 notches  
on S. and 2 notches on  
E. edge, and raised  
a mound of straw  
along side. Pit's unpracticable  
Grassau rolling  
Soil 3rd. rate  
Good grass

East on a random line  
bet. Secs 11 and 14  
Va. 10040' E.

Proceed

20.00 Entry valley to S. of E. and S. W.  
40.00 Set fence on or by 1/4 Sec. Cor.  
46.50 Mow 20 tracks wide Cor.  
S. H.  
80.37 Outward N. and S. line

T.23 N. R. 15 E. C. & S. R. M

hs.

27 links N. of the  
 Cr. to S. 10, 11, 12, 13 and 14  
 choice & run N.  
 89° 48' N. on a true  
 line bet S. 10, 11 and 14  
 with same va.

40.18

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

80.87

The Cr. to S. 10, 11, 14 and 15  
 Surface rolling  
 Soil 3rd. rate  
 Good grazing  
 North bet. S. 10, 10 & 11  
 Va. 100° 40' E.  
 ascend

## T. 23 N. R. 15 E. C. &amp; S. R. M

Cho.

4000

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

8000

Set a *round* stone  $4 \times 10 \times 6$  ins, 9 ins. in the ground for Cor, to Secs, 2, 3, 10-11 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft, high.  $4\frac{1}{2}$  ft. base. alongside.

Surface rolling  
 Soil 3rd. rate  
 Good grazing  
 East of a sand me line  
 bet. Secs. 2 and 11  
 Va.  $13^{\circ}40' E$   
 D. wood



## T. 23. N. R. 15 E. C. &amp; S. R. M

Ch.

4 0.00 Set trap in air 1/4 Sec. Cor.  
 + 0.10 Interest - E. and S.  
 line 6 buks S. of  
 the Cor. to Sec. 12,  
 11. and 12. thence  
 @ run S.  $89^{\circ} 57'$  N.  
 on a true line  
 bet Sec. 2 and 11  
 with same va.

4 0.00 - Set a flint stone,  $8 \times 10 \times 4$  ins., 8 ins.  
 in the ground for  $\frac{1}{4}$  Sec. Cor, marked  $\frac{1}{4}$  on N.  
 face, dig pits  $18 \times 18 \times 12$  ins. E. and N.  
 of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.

+ 0.10 The Cor. to Sec. 2, 3,  
 10 and 11  
 Survey rolling  
 out 3rd. rate  
 good grazing

## T. 23. N. R. 15 E. C. &amp; S. R. M.

Cho.

North on a random line  
 Set Sec. 2 and 3  
 Va.  $100^{\circ} 40' 0''$

Acres gradually

40.00 Set ~~top~~ ~~corner~~  $\frac{1}{4}$  Sec. Cor.

80.43 ~~Outcrop~~ ~~of~~ ~~ground~~ ~~in~~ ~~q~~  
 of the township 11 ~~townships~~

N. of the Cr. to Sec.  
 2, 3, 34 and 35 which

was recently established  
 by me. Hence a

run  $S. 0^{\circ} 5' N.$  on  
 a true line bet. Sec.

2 and 3 with same va.

40.43

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

90.43 The Cr. to Sec. 2, 3, 10 and 11

T.23 N. R. 15 E G. &amp; S R M

Chs.

Surface rolling  
 Soil 3rd. to 4th rate  
Good grass

John Mahan Comptroller  
 Nov. 4th 1882

From the Co. to Sec,  
 34, 33 and 34 on the  
 S. boundary of the  
 township recently  
 established by me  
 & run  
 North bet. Sec. 33 and 34  
 Va. 131°30' E.

Asced  
 20.12 Top of ridge bet. St.  
 80° E. and S. 80° N.  
 Diced

T. 23 N. R. 15 E. G. & S. R. M.

Chs.

40,000

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

80,000

Set a flint stone  $4\frac{1}{2}$  x 6 ins, 9 ins. in the ground for Cor. to Secs, 27 & 34 marked with notch on S. and 3 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Surface rolling  
Soil 3rd. nat

Good grazing

East on random line bet. Secs. 27 and 34  
Va. 1903 0' E.

Decend

23.10 Mark 35 links wide



## T. 23. N. R. 15 E. G. &amp; S. R. M

Chc.

- 40.00 Set temporary 14 Sec. Cor.  
 80.08 Outwent Cr. and S.  
 line 33 links S. of  
 the Cr. to Secs. 26, 27,  
 34 and 35 thence I run  
 S.  $89^{\circ} 46'$  W. on a  
 true line bet. Secs.  
 27 and 34 with  
 same v.a.  
 40.04 Set a flat stone  $15 \times 9 \times 5$   
 ins.  $10$  ins. in the  
 ground for 14 Sec. Cor.  
 marked 14 on N. face  
 and raised a mound  
 of stone along side  
 Pit's northwesterly  
 80.08 The Cr. to Secs. 27, 28  
 33 and 34  
 Surface rolling

## T. 23. N. R. 15 T. C. &amp; S. R. M.

Chs.

Soil 3rd. site  
Good grass  
 North tet. Seco. 27 and 28  
 Va. 10° 30' E.

## Dugout

40.00 Set a flint stone, 4 x 5 x 6 ins., 9 ins.  
 in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  on N.  
 face, dug pits 18 x 18 x 12 ins. N. and S.  
 of stone  $\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base, alongside.

80.00 Set a flint stone 10 x  
 10 x 4 ins. 11 ins. in  
 the ground for Cor. to  
 Seco. 21, 22, 27 and 28  
 marked with 2 notches  
 on S. and 3 notches on  
 E. edges. and raised  
 a mound of stone  
 alongside. Pit impracticable

T. 23 N. R. 15 E. C. &amp; S. 1 N

Cho.

Surface rolling  
 Sit 3rd. rate  
 Good grass

Ext. in a sand run  
 line bet. S. 22 & 27  
 Va. 100° 30' E.

Descend

36.00 Mark 85 links wide  
 to N. and ascend

40.00 Set temporary 1/4  
 Sec. 1/4

80.27 Subcut N. and S.  
 line 64 links S.  
 of the line to S. 22.

22. 23. 26 and 27

thence I run

S. 89° 38' N. in a  
 true line bet. S. 22.

22 and 27 with same va.

T. 23. N. R. 15 E G. & S R M

Cho.

40.14 Set a flint stone 16 x 8 x 4 ins. 11 ins. in the ground for 1/4 Sec. Cor. marked 14 on N. face and raised a mound of stone alongside. Not impracticable

50.27 The Cor. to Sec. 21, 22, 27 & 28  
Surface rolling  
Soil 3rd. rate  
Good grass  
North bet. Sec. 21 and 22  
Va, 13° 30' E.

Descend

40.00

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



## T. 23 N. R. 15 E. C. &amp; S. R. M

Ch.

46,00 Begin to descend abruptly  
 48,25 Enter valley hrs. N. 70° E.  
 and S. 70° W.

8,000 Set a post 4 ft. long 4 ins. square, with marked  
 stone, 12 ins. in the ground for Cor. to Secs,  
 15, 16, 21 and 22 marked T. 23 N., S. 15 on  
 N. E. R. 15 E. S. 22 on S. E, S, 21 on  
 S, W, and S, 16 on N, W, faces with 3 notch  
 on S, and 9 notch on E. edges, dug  
 pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.  
 and raised a mound of earth 2 ft. high. 4 1/2 ft.  
 base. around post.

Surface rolling  
 Soil 3rd rate

Good grazing

East on a random line  
 bet. Secs. 15 and 22  
 Va. 130° 30' E.

Over level land

40,000 Set temporary 1/4 Sec. Corn

## T. 23. N. R. 15 E. G. &amp; S. R. M

Chs.

7992 Intersect N. and S.  
line 17 links S. of  
the Cor. to Secs. 14, 15,  
22 and 23 thru @  
near S. 89° 50' W. on a  
true line bet. Secs.  
15 and 22 with  
same va.

3996

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

7992 The Cor. to Secs. 15, 16, 21 and 22  
Grass rolling  
Soil 3rd. rate  
Good grass  
North bet. Secs. 15 and 16  
Va. 3' 30" E.

## T. 23. N. R. 15 E. C. &amp; S. R. M.

Choc.

Ascend

- 21.10 Start 25 links wide Co,  
S. 80° N.
- 31.00 Leave valley for S. 80° N.  
and ascend
- 40.00 Set a flint stone 16x10x4  
ins, 11 ins. in the  
ground for 1/4 Sec. 40,  
marked 1/4 on N. face  
and raised a mound  
of stone alongside  
Ditch unfractured.
- 43.25 Top of ridge for N. 80° N.  
and S. 80° E. and descend

- 84.00 Set a post 4 ft. long 4 ins. square, with marked  
stone, 12 ins. in the ground for Cor. to Secs,  
9, 10, 15 and 16 marked T. 23<sup>00</sup> S. 10 on  
N. E. R. 15 - E. S. 10 on S. E, S. 16 on  
S, W, and S, 9 on N, W, face, with 4 notch  
20 on S, and 3 notch 20 on E. edges, dug  
pits 18 x 16 x 12 ins. in each Sec., 5 1/2 ft. dist.  
and raised a mound of earth 2 ft. high 21 ft

## T.23 N. R. 15 E. G. &amp; S. R. M

Chs.

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

Surface rolling  
Soil 3rd. rate  
Good grazing

Post on a sand on  
line bet. Secs. 10 and 15  
Va.  $130^{\circ}30' E.$

4000 Set temporary 1/4 Sec. Cor.  
79.69 Substr. N. and S.  
line 13 links North  
of the Cor. to Secs. 10, 11,  
14 and 15 thence S  
run  $N. 89^{\circ}54' W.$  on  
a true line bet. Secs.

39.54 10 and 15 with same  
Deposited a marked stone 12 ins. in the  
ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins.  
E. and W. of stone  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over



## T. 23. N. R. 15 E. G. &amp; S. R. M

Cho.

at *is* E, pit drove a stake 2 ft. long 2 ins.  
 s<sub>1</sub> 12 ins. in the ground marked  $\frac{1}{2}$  S. on *St.*  
 face.

79.09 The Cor. to Sec. 9, 10, 15 & 16  
 Surface rolling  
 Soil 3rd. rate  
 Good grazing

North pt. Sec. 9 and 10  
 Va. 18° 30' E.

Dug out gradually

400

Set a *fruit* stone, 13 x 9 x 4 ins., 8 ins.  
 in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$  on *St.*  
 face, dug pits 18 x 18 x 12 ins. *St.* and *S.*  
 of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  
 1 $\frac{1}{2}$  ft, high. 3 $\frac{1}{2}$  ft. base. alongside.

45.50

Mark 75 links wide *Co.*  
*S. St.*

## T. 23. N. R. 15 E. C. &amp; S. R. M

Chs.

80,00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 3, 4, 9 and 10 marked T. 23d, S. 3 on N. E. R. 15 E. S. 10 on S. E. S. 9 on S. W. and S. 4 on N. W. face, with 5 notch on S, and 3 notch on E. edges, dug pits 18 x 16 x 12 ins. in each Sec., 54 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Surface gently rolling  
Soil sandy about 3rd. rate  
Good grass

Post on a random line  
bet. Sec. 8 and 10

71. 13° 30' E.

Decid

4000

79,80

Set temporary 1/4 Sec. Cor.  
between N. and S.  
line 42 links N.  
of the Cor. to Sec.

## T. 23 N. R. 15 E. Q. 1 &amp; S. R. M

No.

2. 3. 10 and 11 thence I  
run N. 89° 42' W. on  
a true line bet. Secs.  
3 and 10 with same va.

3 990

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

79.80 The Cor. to Secs. 3, 4, 9 and 10

Surface leveling  
Set 3rd, note

Good grass

North on a good true  
line bet. Secs. 3 and 4  
Va, 131° 35' E.

40.00 Set temporary 14 Sec. Cor.

80.18 Out to set N. boundary  
of the township



40

T.23 N.R.15 E.C. & S.R.M

Ch.

28 links E. of the Cor.  
to S. 10, S. 4, 33 and  
84 which was recently  
set to the side by me. There  
I ran S. 12' E. on  
a true line bet. S. 10,  
S. 4 and 33 with same cor.

4 8. 18

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

8 8. 18

The Cor. to S. 10, S. 4, 9 and 10  
Surface rolling  
Soil 3rd. rate  
Good grazing



## T. 23. N. R. 15 E. G. &amp; S. R. M

Ch.

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

D. D. Wheeler Nov. 6th 1882.

From the Cor. to Sec. 32 and 33  
4 and 5 on the S. Bound.  
of the township recently  
established by me  
Down North  
bet. Sec. 32 and 33  
Va, 13° 35' E.

Acend

22.50 Top of ridge bet. S. 70° E.  
and S. 80° W. and  
descend gradually over mesa

T. 23. N. R. 15 E. C. & S. R. M

Chs.

4000

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.

N. and S. of stone  $5\frac{1}{2}$  feet dist and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N. face.

80,00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs 28, 29, 32, 33, dug pits 18 x 18 x 12 ins. in each Sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 28 Ch. S. 28 on N. E., R. 15 E. S. 33 on S. E., S. 32 on S. W. and S. 29 on N. W. faces, with 1 notch on S, and 4 notch 10 on E. edges.

Surface gently rolling  
Soil 3rd. rate

Good grass

Post on a random line bet. Secs 28 and 33

## T.23. N. R. 15 E C. &amp; S. 1. M

Chs.

Va. 18130'E,

Over mesa

4900

7989

Set temp. on 1/4 Sec. Cor.  
 Outw. N. and S.  
 line - 1 link N. of  
 the Cor. to Sec. 27, 28, 33  
 and 34 thru @ gun  
 N.  $89^{\circ}51'$  N. on a true line  
 bet. Sec. 28 and 33  
 with - same

3995

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

7989

The Cor. to Sec. 28, 29, 32 & 33  
 Surface rolling  
 Soil 3rd. 2nd  
 Good grazing

40

T. 23. N. R. 15 E. G. & S. R. M.

Cho.

North bet. Secs. 28 and 29  
T. 23. N. R. 15 E.

Over level mesa

40,00

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

80,00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 20, 21, 28, 29 dug pits 18 x 18 x 12 ins. in each Sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 23 N. S. 21 on N. E. R. 15 S. 28 on S. E. S. 29 on S. W. and S. 20 on N. W. faces, with 2 notch 10 on S. and 4 notch 10 on E. edges.

Surface rolling  
Soil 3rd. rate  
good grazing



## T. 23. N. R. 15 E. G. &amp; S. 1. M.

Ch.

East on a random  
line bet. Secs. 21 and 28  
Va.  $130^{\circ}00' E$

Over level was a  
4 00° Set temporarily Sec. Cor.  
79 65 Subtract N. and S.  
line 84 links S. of  
the Co. to: Secs. 21, 22,  
27 and 28. Then I  
run S.  $89^{\circ}45'$  N. on a  
true line bet. Secs.  
21 and 28 with same va.

3984

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 N. of stone  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
it. In E. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N.  
face.

79 65 The Co. to Secs. 20, 21, 28 and 29  
Surface rolling

T.23. N. R 15 E G. & S R M

Chs.

Soil sandy 3rd. cat  
Good grass

North <sup>Sec.</sup>  $\frac{1}{2}$  20 and 21  
Va. 100 00' E.

4000

Descend gradually

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

50.50  
8000

Enter creek & follow Co. N.  
Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 16, 17, 20-21, dug pits 18 x 18 x 12 ins. in each Sec. 5  $\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high 4  $\frac{1}{2}$  ft. base over it. In S E pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 20 N. S. 16 on N.E. R. 15 S. 21 on S.E. S. 20 on S.W. and S. 17 on N.W. faces, with S notch  $\infty$  on S, and  $\frac{1}{2}$  notch  $\infty$

page 50-51 Blank

T.23 N. R.15 E. C. & S. R. M

Chs.

on E edges.

Surface rolling  
Soil 3rd. rate  
Good grass

East on a random line bet.  
S 100, 16 and 21

Va. 13030'E.

4000  
7949

Over nearly level land  
Set temporary 1/4 Sec. Co.  
Entrance N. and S.  
line 7 feet S. of  
the Co. to S. 15, 16,  
21 and 22 then I  
run S. 89° 57' W.  
on a true line bet.  
S 100, 16 and 21  
with same va.



## T. 23. N. R. 15 E G. &amp; S R M

Chs.

39.75

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

79.49

The Cor. to D. 16, 17, 20 & 20  
Survey level bottom land  
Dred 4th rate  
Good grass

North bet. Sec. 16 and 17  
Va. 1803000

24.14

4.000

Decend gradually  
Creek Co. N. J.  
Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of stone  $5\frac{1}{2}$  feet dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N. face.



## T. 23 N. R. 15 E. C. &amp; S. 1. M.

Cha.

60000 Begin to ascend  
 62000 Top of spur Co. N. and  
 descend

80,000 Set a lime stone  $20 \times 16 \times 4$  ins, 16 ins. in  
 the ground for Cor, to Secs, 8, 9, 16 and 17 marked  
 with 4 notch on S. and 4 notch on E. edges,  
 dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft.  
 dist. and raised a mound of earth 2 ft. high.  
 4½ ft. base. alongside.

Surf a nearly level land  
 Soil 2<sup>nd</sup>. rate  
 Good grazing

Cast on a random line  
 bet. S. 10. 9 and 16  
 Va.  $13^{\circ} 17' 0''$

On level bottom

5,21 Enter mesa

49,000 Set timber on 14 Sec. Co.  
 80,100 Intersect N. and S. line  
 54 links S. of the

## T. 23. N. R. 15 E. G. &amp; S. R. M

Chs.

Cor. to Sec. 9, 10, 15 & 16  
thence Run S.  
89° 37' N. on a true  
line bet. Secs. 9 and 16  
with same va.

4908

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

80.16

The Cor. to Sec. 8, 9, 16 & 17  
Surface rolling  
Soil 3rd. rate  
Good grazing  
North bet. Secs. 8 and 9  
Va. 13° 17' E.  
Start in level follow  
Wash Cr. S. N. and as usual

25.00

## T.23. N. R 15 E C. &amp; S R M

cho.

40.00

Set limestone  $20 \times 15 \times 10$   
 ins. 95 ins. in the ground  
 for 14 Sec. Cor, marked  
 114 on N. face and  
 raised a mound  
 of stone alongside  
 pits impracticable

64/5

80.00

Wash Co. S. 20° N. ascnd

Set a line stone  $20 \times 10 \times 10$  ins, 15 ins. in  
 the ground for Cor, to Secs, 4, 5, 8-9 marked  
 with 5 notch on S. and 4 notch on E. edges,  
 dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft.  
 dist. and raised a mound of earth 2 ft, high.  
 $4\frac{1}{2}$  ft. base. alongside.

Soil 3rd. rate  
 Surface rolling  
 Some sage brush

Cont on a random  
 line bet. Sec. 4 and 9  
 Va.  $13^{\circ} 35' E.$

## T. 23. N. R. 15 E. C. &amp; S. 1 M

Cho.

4. 91 Descend gradually  
 4000 Wash Co. S. W. J ascend  
 79. 93 Sit temporary of 1/4 Sec. Cor.  
 Intersect N. and S.  
 line 17 links North  
 of the Cor. to S. 10,  
 9, 4, 9 and 10 thence  
 Down N. 89° 58' W.  
 on a true line bet  
 S. 10, 4 and 9 with  
 same or

8996

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

79. 93 The Cor. to S. 10, 4, 5, 8 & 9  
 Dunfee polling  
 Soil 3rd. rate



## T. 23. N. R. 15 E. C. &amp; S. R. M

Chs.

Good grassNorth on a random line  
bet. Sec. 4 and 5Va.  $30^{\circ} 30' E$ 

Crossed over mesa

40.00 Set temporary 4 Sec. Cor.

7990 Intersect N. Boundary

of the township 17 links  
S. of the Cor. to

Sec. 4, 5, 82 and 83 which

was recently established

by me. Thence I run

 $S 0^{\circ} 7' E$  on a

true line bet. Sec. 4

and 5 with same va.

3990

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

ca. 12 ins. in the ground marked 4 S on

## T. 23. N. R. 15 E. G. &amp; S. R. M.

Chc.

7990 <sup>See</sup> Lot On. to Secs 4, 5, 8 & 9  
 Land gently rolling  
 Soil 2d. rate  
 Good grazing

From the Cor. to Secs  
 5, 6, 31 and 32 on the  
 S. Boundary of  
 the township recently  
 established by me,  
 I run  
 North bet. Secs, 31 and 32  
 Va.  $13^{\circ} 30' E$

Ascend over rolling  
 ground

4000

Set a lime stone  $14 \times 8 \times 6$  ins., 9 ins.  
 in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{4}$ . on N.  
 face, dug pile  $18 \times 18 \times 12$  ins. N. and S.  
 of stone  $\frac{1}{2}$  ft. dist. and raised a mound of earth  
 $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. alongside.

## T. 23 N. R. 15 E. G. &amp; S. R. M.

the.

0.00

50.00

Eaton mesa

Set a line stone  $15 \times 10 \times 6$  ins. in the ground for Cor. to Secs. <sup>29, 30, 31, 32</sup> marked with / notch on S. and \ notch on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Sand rolling

Soil 3rd. rate

Little grass

Post on a random line bet. Secs. 29<sup>29</sup> & 32.  
Va.  $130^{\circ} 5' E.$

Yon rolling mesa

40.00

50.20

Set temporary 1/4 Sec. Cor.

between N. and S.

line 15 back S.

of the Cor. to <sup>Secs.</sup> 28, 29,

32 and 33 thence

Down S. 89<sup>05</sup> 4' N.

T.23 N. R. 15 E. C & S. R. M.

Chs.

on a true line  
bet. Secs. 29 and 32  
with same va.

40.10

Deposited a marked stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
E. and W. of stone,  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
it. In E. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on W.  
face.

80.20 The Co. to Secs. 29, 30, 31 & 32

Surface rolling

Soil 2nd. rate

Good grass

Met on a random  
line bet. Secs. 30 & 31

Va. 120, 105 E.

Over rolling mesa

21.20 Begin to descend Leave mesa

27.50 Enter level river bottom



## T. 23. N. R. 15 E. C. &amp; S. 1. M

Ches

- 40.00 Set trap on 9 1/4 Sec. Cor.
- 80.03 Submit St. boundary  
of the township 20 links  
South of the Cor. to  
Secs. 20, 21 and 26  
recently established by me.  
Thence I run N. 89° 51' E.  
on a true line bet. Secs.  
20 and 21 with same var.
- 40.03 Set a sand stone, 14 x 10 x 6 ins., 9 ins.  
in the ground for 1/4 Sec, Cor, marked 1/4 on St.  
free, dig pits 18 x 18 x 12 ins. E. and W.  
of stone 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high, 3 1/2 ft. base. alongside.
- 80.03 The Cor. to Secs. 29, 30, 31 + 32  
East half rolling  
Wet Chalk level  
Soil 1/2 end. rate  
Good grass

## T. 23 N. R. 15 E. C. &amp; S. E. M

Che.

North lot Secs. 29 and 30  
Va. 130 5<sup>th</sup> E.

Over rolling mesa

4000 Set a sand stone  $4 \times 10 \times 4$  ins., 9 ins. in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N. face, dug pits  $18 \times 18 \times 12$  ins. N. and S. of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.

8000

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30, dug pits  $18 \times 18 \times 12$  ins. in each Sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it. In S-E pit dug a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 2004. S. 20 on N. E, R. 10<sup>th</sup> S. 29 on S. E. S. 30 on S. W. and S. 19 on N. W. faces, with 2 notch on S, and 0 notch on E edges.

Said quietly rolling  
Soul Sub. relief  
God grasping

## T. 23. N. R. 15 E G. &amp; S R M

East on a random line  
bet. Secs. 20 and 29  
Va.  $15^{\circ} 27' E$ .

Over rolling mesa

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

Subtract  $N$ . and  $S$ .

line 21 links South  
of the Cor. to Secs.

20, 21, 28 and 29 then  
from  $S$ .  $89^{\circ} 51' N$ . on  
a true line bet.

Secs. 20 and 29

with same va.

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  $N$ . of stone  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
it. In  $E$ . pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on  $N$ .  
face.

The Cor. to Secs. 19, 20, 29 & 30

Surface gently rolling mesa

64

T. 23 N. R. 15 E. G. & S. R. M.

Chs.

Soil sandy 3rd. rate  
 Grazing fair some sagebrush  
 Met on a random line  
 bet. Secs. 19 and 30  
 Va. 13° 27' E.

Dry rolling land

40.00 Set temporary 1/4 Sec. Cor.

80.16 Subsect. N. Bound.  
 of the township 19  
 blocks S. of the  
 Cor. to Secs. 19, 24, 25  
 and 30 which was  
 recently established by me  
 thence I ran S.  
 89° 52' O. on a true  
 line bet. Secs. 19 and 30  
 with same va.

40.46

Deposited a marked stone 12 ins. in the  
 ground for 1/4 Sec. Cor. 18 x 18 x 12 ins.  
 E. and W. of stone 1/2 ft. dia. and raised  
 a mound of earth 1 1/2 ft. high 3 1/2 ft. base over  
 it. In E. pit drove a stake 2 ft. long 2 ins.



## T.23. N. R 15 E C. &amp; S R M

Che.

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

80.16 The Cor. to Secs. 19, 20  
29 and 30

Said on E. half is very  
gentle rolling.  
West half nearly level  
Soil 3rd rate  
Good grass

North bet. Secs. 19 and 20  
Va. 1827 E.

Corner rolling mesa

4000 Deposited a marked stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.

N. and S. of stone 5  $\frac{1}{2}$  feet dist and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base over  
it. In N. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N.  
face.

68.09

Have mesa  
begin to descend

## T. 23 N. R. 15 E. C &amp; S. P. M

Chs.

80,00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 17, 18, 19 & 20, dug pits 18 x 18 x 12 ins. in each. Sec. 5 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 23 N. S. 17 on N. E., R. 15 E. S. 20 c. S. E. S. 19 on S. W. and S. 18 on N. W. faces, with 3 notch 10 on S, and 5 notch 10 on E edges.

Sand rolling  
Soil 3rd. rate  
Very little sagebrush  
Good grass

East on a sand on line  
bet. Secs. 17 and 20  
Va. 3585 E.

Wood gradually

15,00

Entry

40,00

Set trap on line 14 Sec. Cor.

40,00

Drewd enter valley

Chs.

8043 Subtract N. and S.  
line 15 links or  
of the Cor. to S. W.  
16, 17, 20 and 21 there  
I run N. 89° 52' W.  
on a true line bet.  
S. W. 17 and 20 with  
same ca.

4024 Deposited a marked stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec. Cor. dag pils 18 x 18 x 12 ins.  
E. end N. of stone  $5\frac{1}{2}$  feet dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over  
it. In E. pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N.  
face.

8043 The Cor. to S. W. 17, 18, 19 and 20  
I had rolling  
Soil 2nd. rate  
Good grass  
Little sagebrush

C. D. Wheeler Nov. 7 1882

T. 23. N. R. 15 E. S. 22. M

Chs.

Went on a road on line bet. Sec. 18 and 19

$\text{Va. } 13^{\circ} 20' \text{ E.}$

Descend gradually

4.75

Enter one of following Co. Mt.

4 0.00

Set temporary 1/4 Sec. Cor.

53.39

Iron creek 20 links wide Co. Mt.

79.87

Enter Mt. boundary of the township 10 links N. of the Cor. to Secs. 13, 18, 19 and 24 which was recently established by me thru &

Iron. N.  $89^{\circ} 54' \text{ E.}$  on a true line bet

Secs. 18 and 19 with same ~~va~~

89.87

Deposited a marked stone 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of stone 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over ... E. pit drove a stake 2 ft. long 2 ins.



## T. 23. N. R. 1 E. S. 1 M

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

79.97 The Cor. to Sec. 17, 18, 19 & 20  
 Land in creek valley  
 mostly level  
 Grazing moderately good  
 Soil sandy and 3rd. rate  
~~John W. Whelan~~  
 Nov. 7th 1892.

North bet. Sec. 17 and 18  
 Va. 100 90' E

7.25 Descend gradually  
 Enter creek Holston Co. S. 1/4  
 27.60 Cross creek Co. S. 5/4 S. 1/4  
 40.00 Deposited a marked stone 12 ins. in the  
 ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
 $\mathcal{N}$  and  $\mathcal{S}$  of stone 5  $\frac{1}{2}$  feet dist and raised  
 a mound of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base over  
 it. In  $\mathcal{N}$  pit drove a stake 2 ft. long 2 ins.  
 sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on  $\mathcal{N}$   
 face.

Chs.

00.00

Leave creek bottom ascend

80.00

Rock in place 4' x 30' x 30'

in. above ground

which I marked with

a cross (X) at exact C. v. r.

point for cor. to Sec. 7, 8, 17, 18

and with 4' notches

S. and 5' notches East of

Cross. and raised a

mound of stone alongside

Pt. Unfracturable

This milk is nearly level

I saw sage brush and

greasewood

Soil 3rd. rate

plenty water in creek

Dart on a road on

line bet. Sec. 8 and 17

Va. 10° 30' E.

Descend gradually

20.80

Mach Co. S. 20° W.

## T. 23. N. R. 15 E. C. &amp; S. 1. M

Ch.

40.00 Set temporary 1/4 Sec. Cor.

55.25 Mack Co. S. N.

79.80 Introduct. N. and S. line

40 links N. of the Cor.

to S. 8, 9, 16 and 17

thence I run N. 89°

43' N. on a true line bet.

S. 10, 8 and 17 with same ca.

39.90

Deposited a marked stone 12 ins. in the  
ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins.

E and W. of stone 5 1/2 feet dist and raised

a mound of earth 1 1/2 ft. high 5 1/2 ft. base over

it. In E. pit drove a stake 2 ft. long 2 ins.

sq. 12 ins. in the ground marked 1/4 S. on W.

face.

79.80 The Cor. to S. 10, 7, 8, 17 &amp; 18

Sand level

Soil about 3rd. rate

Good grass

Considerable sagebrush

T. 23. N. R. 15 E. C. & S. 1 M

Obs.

Met on a sand run  
line bet. Secs 7 and 18  
Va.  $10^{\circ}30' E.$

Coard

2.25

Enter new

40.00

Set temporary 1/4 Sec. Cor.

79.92

Entered N. boundary  
of the township 11 Sec. 15  
of T. of the Cor. to Secs  
7, 12, 13 and 18 which  
was correctly set the hole by  
me thus I run  
N.  $59^{\circ}50' E.$  on a true  
line bet. Secs 7 and 18  
with same va.

79.92

Set a flint stone,  $14 \times 6 \times 4$  ins., 9 ins.  
in the ground for 1/4 Sec. Cor, marked 1/4 on N.  
face, cap pile  $18 \times 18 \times 12$  ins. E. and N.  
of stone 1 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high, 3 1/2 ft. base, alongside.

79.92

The Cor. to Secs 7, 8, 17 and 18



T. 23 N. R. 15 E. C. &amp; S. 1. M.

No.

Surface rolling  
Soil Exp. note  
Good grass

---

John Malm Apr. 7 1882

North bet. Sec. 7 and 8  
T<sub>23</sub>, R<sub>15</sub> E.

Obelisk

09 Enter rolling mesa.

128 West Co. S.E.

1,000 Set a limestone

38 x 24 x 4 ins. 24

ins. in the ground for

14 Sec. Cor. marked

14 on N. face

and raised a

mound of stone

along side.

Pits impracticable

T.23 N. R. 15 E. C & S. 1 M

Cho

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs 5, 6, 7 and 8, dug pits 18 x 18 x 12 ins. in each. Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 2804, S. 5 on N.E., R. 15 E. S. 8 on S.E. S. 7 on S.W. and S. 6 on N.W. faces, with ~~5~~ notch on S, and ~~5~~ notch on E edges.

Land rough on S. half  
 Grass under good grazing  
 Soil about 4th. red

East on a road on line  
 bet. Secs. 5 and 8  
 Va. 18° 20' E

40.00 Over rolling. area  
 79.74 Set temporary 1/4 Sec. Cor.  
 Instrument - N. and S. line  
 29 links N. of the Cor.  
 to Secs. 4, 5, 8 and 9

Chs.

Shore & run N. 89°  
48' W. 121 a true line  
bet. Sec. 5 and 8  
with same va.

3988 Set a sand stone, 14 x 12 x 4 ins., 9 ins.  
in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N.  
of line. Two pits 18 x 18 x 12 ins. E. and W.  
of stone  $\frac{1}{2}$  ft. dist. and raised a mound of earth  
14 ft. high, 34 ft. base. alongside.

7976 The Cor. to Sec. 5, 6, 7 and 8  
Sand rolling  
little grass  
Set about 4th octo  
O. D. Wheeler Nov. 7th 1892

Met on a random line  
bet. Sec. 6 and 7  
Va. 13' 20" E.

Over rolling mesa  
40.00 Set trap mark 1/4 Sec. Cor.  
79.50 Intersect N. boundary

T. 23. N. R. 15 E. C. & S. 1. M.

Chs.

of the Township 10  
 blocks South of the  
 Cor. to Secs. 5, 6, 7 and 8  
 thence I run N. 89° 56' E,  
 on a true line bet.  
 Secs. 6 and 7 with  
 same or

precisely ut. by me

39.50

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

79.50

The Cor. to Secs. 5, 6, 7 and 8  
 Surface rolling  
 Soil 3rd, rate  
 Good grass  
 North on a random  
 line bet. Secs. 5 and 6  
 Va. 18° 20' E,



T.23 N. R. 15 E. S. 1 M

Chc

- 40.00 Over rolling mesa
- 60.90 Set temporary 1/4 Sec. Cor.  
Top of spur to S.W. face descend
- 79.68 Outward - N. boundary of the township 24 1/2 W. of the Cor. to Sec. 5, 6, 7 and 8 which was recently established by you thence I run S 0° 10' W. on a true line bet. Secs. 5 and 6 with same va.
- 39.68 Deposited a marked stone 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of stone 5 1/2 feet dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 1/4 S. on N. face.
- 79.68 The Cor. to Sec. 5, 6, 7 and 8.

T. 23 N. R. 15 E. C. &amp; S. M.

I had gently rolling  
Soil about 3rd rate  
Good grass some sagebrush  
John Mahon Comp. exam  
Nov. 7th 1882  
I carefully examined  
the adjustments  
of my John Mahon  
to day particularly  
the latitude and  
reversing apparatus  
and found them correct  
John Mahon Comp. exam  
Nov. 7 1882

## T. 23 N. R. 15 E. C. &amp; S. 1 M.

This township is nearly  
all mesa or mesas  
The soil is everywhere  
sandy, but very productive  
of good grasses, and  
sage brush and greasewood  
A creek runs through  
the entire width from  
East to west which  
affords considerable water  
Periodically  
There are two  
mesas one in the South  
part of the township  
the other in the  
North part. They are  
divided by the creek  
On either side of  
this creek are ledges  
of rock or sand  
which forms the

T. 23 N. R. 15 E. C. &amp; S. 1. M

boundary of the mesa  
There are several  
places where Indians  
have formed.

Soil ranges from  
2nd, to 4th rate

For final caths book  
No 20.



U. S. Surveyor General's Office,  
Tucson, Arizona, July 21, 1883

The foregoing Field Notes of the survey of the  
Subdivision Lines of Tpk.  
23 N. Range 15 East

of the Gila and Salt River Base and Meridian, Arizona,  
executed by O. W. Wheeler,  
D. S., under his contract of the 5<sup>th</sup> day of  
August, 1882, having been critically ex-  
amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

J. W. Robbins

Surveyor General.