

16

Field Notes

OF THE SURVEY OF THE

BOOK 467

Subdivision lines

-OF-

No. 467

Township *23 N.* Range *17 E.*

Gila and Salt River Base and Meridian

ARIZONA.

By *E. D. Wheeler* D.S.

Under contract dated *Aug. 5* 18*82*

Survey commenced *Oct 28* 18*82*

Survey completed *Oct 21* 18*82*

467

T. 23 N. R. 17 E. G. & S. R. M.

BOOK 467
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Township 23 N.

Range 17 E.

BOOK 467

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Gila and Salt River, Arizona.

ARIZONA.

Sto. 467

BOOK 467

10

T. 23. N. R. 17 E. G. & S. R. M

Ch.

From the Cor. to Sec.
 1, 2, 35 and 36 on the
 S. Bound. of the
 Township recently established
 by me. I run
 North by East. Dist. 25 & 36
 Var. 138° E.

Descend

40.00 Set a Basalt core 14 x
 8 x 6 ins. 9 ins. in the
 ground for "4 Sec. Cor.
 marked "4 on N. face
 Pts. impracticable

50.00 Winston and Moggi
 Road trs. N. 21° E.
 and S. 21° W.

60.00 Begin to ascend

T.23. N. R 17 E G. & S R M

Chs.

80.00

Deposited a marked stone 12 ins. in the ground for Cor to Secs. 25, 26, 35-36, dug pits 18 x 15 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. 17 E S. 36 on S.E. S. 35 on S.W. and S. 26 on N.W. faces, with / notch on S, and / notch on E edges.

Land rolling.
 Soil 2nd rate.
 Good grazing
Some Juniper

East on a random line bet. Secs. 25 and 36 Va. 13° 30' E.

Over nearly level land
 16.00 Atkinson and Mogni road bet. N. 25° E
 21.00 Begin to ascend

T.23. N. R 17 E G. & S. I. M

Ch.

40.00 Set temporary 1/4 Sec. Cor
 80.20 Destruct. Co. Bound. of the
 township 40 links S of the
 Cor. to Sec. 25. 26. 27. 28
 and 26 which was recently
 established by me. I run
 S. 89° 43' W. on a true
 line bet. Secs. 25 and 26
 with same va.

40.13 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 W.
 face.

8020 The Cor. to Secs. 25. 26. 27. 28
 Land rolling
 Soil 3rd. rate
 Good grazing
 Some juniper

T.23 N. R. 17 E. C. & S. R. M

Cho.

North bet. Sec. 25 and 26
 Va. 10° 00' E.

Down

5.00 Mark 20 links wide Co. S. N.

Ascend.

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

77.50 Top of spur to N. 80° E. down

80.00 Set a small stone
 14 x 8 x 8 ins. 9 ins. in the
 ground for Cor. to Sec.
 23.24.25 & 26 marked with
 2 notches on S. and 1
 notch on E. edges, and
 raised a mound of
 stone along side.
 Pits unpracticable

T.23. N. R. 17 E. G. & S. 1. M.

Surface rolling
Soil Fert. rate
Good grass

East on a random line
bet. Sec. 24 and 25
Va. 13°30'E.

Discovered

- 12.00 Enter valley hrs. N. 75° W.
and S. 75° E.
- 40.00 Set temporary 1/4 Sec. Cor.
- 61.90 Winlow and Moquin
road hrs. N. 40° E. and S. 40° W.
- 65.00 Leave valley hrs. N. E. + S. W.
- 79.93 Dubroick E. Bound. of
township 17 links N.
of the Cor. to Secs.
19, 24, 25 and 30 which
was recently established
by me.

T. 23. N. R. 17 E. G. & S. R. M

Thence I run N. 89°
 $53'$ W. on a true line
 bet. Secs. 24 and 25
 with same var.

89.96

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 13 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.

89.93

The Cor. to Secs. 23, 24, 25 & 26
 Land greatly rolling
 Soil 3rd. class
 Good grass

+ North bet. Secs. 23 & 24
 Va. $13^{\circ} 30' E.$

10.00

Dipend
 Enter valley bet. N. 80° W.
 and S. 80° E.

T.23 N. R. 17 E G. & S R M

Ch.

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.

58.00

Wash 20 links wide Co. N. 86° W.

80.00

Deposited a marked stone 12 ins. in the ground for Cor to Secs. 13, 14, 23, 24, 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 & 24. S. 13 on N. E, R. 17 E. S. 24 on S. E. S. 23 on S. W. and S. 14 on N. W. faces, with S notch \times on S, and $/$ notch on E edges.

Surface gently rolling
 Soil 3rd. rate
 Good grass

T.23. N. R 17 E G. & S R M

Chs.

East on a random line
bet. Secs. 18 and 24
Va. $13^{\circ} 30' E$

40.00
80.08

Ascend gradually
Set temporary 44 Sec. Cor.
Intersect NE Boundary of
the township 21 miles
S. of the Cor. to Secs.
13, 18, 19 and 24 which
was recently established
by me. Thence I
run S. $89^{\circ} 51' N.$ on
a true line bet.

Secs. 13 and 24 with
same or a.

40.04

Set a sand stone, $14 \times 6 \times 6$ 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. E. and N.
of stone $4\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

No. 467

BOOK 467

13

9

T. 23. N. R. 17 E. G. & S. R. M

Chs.

80.08 The Cor. to Secs. 13, 14, 23 & 24

Surface gently rolling
Drift 3rd. rateGood grass

North bet. Secs. 13 and 14

Va. 13° 30' E.

Bound gradually

36.12 Mark 75 links wide
Co. S. 84° N.

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.

80.00

Set a salt line
18 x 12 x 10 ins. 12 ins. in
the ground for Cor.
to Secs. 11, 12, 13 and 14

T. 23. N. R. 17 E. G. & S. R. M.

Cho

marked with 4 notches
 on S. and 1 notch
 on E. edges. and
 raised a mound of
 stone alongside of
 Pit - impracticable
 Surface greatly rolling
 Soil 3rd. oak -
Good grass

East on a random line
 ht. Secs. 12 and 13
 Va. 130° 30' E.

Acound

- 1.20 Low spur Co. S. and
 descend gradually
- 40.00 Hit temporary "4" Sec. 6 or.
- 42.10 Wash Co. S. and ascend
- 61.05 Wash Co. S. N. and ascend
- 80.20 Intersect E. Bound.

T23 N. R 17 E G. & S R M

Ch.

of township 42 lks.
 S. of the Cor. to
 Secs. 7, 12, 13 and 18
 which was recently
 established by me.
 Thence I run S. 89° 42' W.
 on a true line, bet. Secs.
 12 and 13 with same cur.

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 Cor. to Secs. 11, 12, 13,
 and 14
 Surface gently rolling
 Soil 3rd rate
 Grazing moderate

T. 23 N. R. 17 E. G. & S. R. M

Ch.

North lot. Secs. 11 and 12.
Va. 13° 00' E.

Dug out

125 Magh Co. S. N. 9th Rowd

40,000

Set a basalt stone
20 x 20 x 10 ins. 15 ins.
in the groundfor "4 Cor. marked
"4 on N. face, and
raised a mound
of stone alongside

80,000 Pits impracticable

Deposited a marked stone 12 ins. in the
ground for Cor. to Secs. 12. 1/1, - 12 1/2 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. 23rd.
S. 1 on N. E. R. 17 E. S. 12 on S. E. S. 11
on S. W. and S. 2 on N. W. faces, with
5 notch 10 on S, and 1 notch
on E edges.

T. 23 N. R. 17 E. G. & S. R. M

Ch.
 Surface greatly rolling
 Soil about 2nd rate
 Good grazing some oyster trash

Post on a random line
 bet. Secs. 1 and 12
 Va. $30^{\circ} 30' E$

Descend gradually
 25 Wash Co. S. and descend
 20.00 Top of spur bet. 11. and
 10 and descend
 30.00 Wash Co. S. $10^{\circ} E$. and
 continue to descend
 40.00 At township 4 S. Cor.
 7985 Intersect - E. Boundary
 of the township 4 S. and
 12 of the Cor. to
 Secs. 1, 6, 7 and 12 which
 was recently established
 by James.

T. 23 N. R. 17 E. G. & S. R. M

Chains

Thence I run S. 89°
58' N. on a true line
bet. Sec. 1 and 2
with same va.

39.93

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.

+

79.85

The Cor. to Sec. 1, 2, 11, 12
Surface gently rolling
Soil 3rd. rate
Good grass some sage brush

North on a good true
line bet. Sec. 1 and 2
Va. 130° 30' E.

40.90

Acres gradually
Set temporary 14 Sec. Cor.

T. 23. N. R. 17 E. G. & S. R. M

Notes

80.23 Detract. N. Boundary
of the township 40
blocks East of the
Cor. to Sec. 12, 35 & 36
which was recently established
by me. Thence I
run S. $0^{\circ} 17' E.$ on
a true line bet. Secs.
1 and 2 with same va.

40.23 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 stone $5\frac{1}{2}$ 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.

80.23 The Cor. to Sec. 1, 2, 11 & 12
Surface gutty rolling across N.
Soil 4th rate
Good grass
Some sagebrush,

T. 23. N. R. 17 E. G. & S. R. M

Chs.

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

O. D. Wheeler Oct. 28th. 1882

T. 23 N. R. 17 E. G. & S. R. M

Ch.

From the Co. to Secs.
2, 3, 34 and 35 on the
S. Bound. of the township
which was recently
established by me.
I run North 1/2
Secs. 35 and 36
Va. $18^{\circ} 30' E$.

35.70 Dound
Draw 40 links wide
Co. $S. 79^{\circ} N$. and bound
4 0 0 0 Set a small stone, $4 \times 8 \times 4$ 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 Basalt stone 16×12
 $\times 8$ ins. 11 ins. in the
ground for Co. to Secs.
26, 27, 34 and 35

T.23. N. R 17 E. C. & S R M

Ch.

marked with - 1 notch
 on E. and 2 notches
 on O. edges, and
 raised a mound of
 stone along side of
 pits impracticable
 Land rolling
 Soil about 3rd. rate
Good grass

x East on a random line bet.
 Sec. 24 and 25
 Va. 1830' E.

Acres

20.00 Top of spur trs. S. E.
 and down

40.00 Set trap or or y/y
 Sec. Cor.

77.20 Wash 20 lbs. wide Co.
 S. N. and down

T.23. N. R. 17 E G. & S R M

Ch.

- 80.34 Subtract - St. and Sluic
 316 lbs. St. of the Cor.
 to Dec. 25, 26, 35 and 36
 where I saw St. 890
 45' St. on a true line
 bet. Dec. 26 and 35
 with same row.
- 40.17 Set a basalt stone
 16x10x4 ins. 11 ins. in
 the ground for 114
 Sec. Cor. marked 114
 on St. face. and raised
 a mound of stone
 alongside. It's impracticable
- 80.34 The Cor. to Dec. 26, 27, 34
 and 35
 Surface rough
 Soil about 3rd. rate
 Light grass

T.23 N. R. 17 E G. & S R M

Chs.

North bet. Secs. 26 & 27
Va. $18^{\circ} 30' E$

Dwmd

35,18

Top of round hill and
dwmd

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. 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

Set a basalt stone $1\frac{1}{4} \times 1 \times 4$ ins, 9 ins. in the ground for Cor. to Secs, 22, 23, 26, 27 marked with 2 notch on S. and 2 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Surface rough and rolling
Dpt 3rd. rate
Dight grass

T. 23. N. R. 17 E. C. & S. R. M

Chs.

East on a random line
bet Sec. 23 and 26
Va. $130^{\circ} 30' E$.

Proceeding over rolling ground

40.00

Set temporary 14 Sec. Cor.

80.17

Intersect - N. and S. line
6 links N. of the Cor.

to Sec. 23, 24, 25, & 26

thence I run N. 89°
 $57'$ N. on a true line

bet. Sec. 23 and 26

with same var.

40.08

Set a fault 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. 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.

80.17

The Cor. to Sec. 22, 23, 26, - 27

Surface rolling

Soil 3rd. rate - good grass.

R

T. 23 N. R. 17 E. G. & S. R. M

Chairs

North lot. A. 10. 22 + 23

Va. 18° 20' E.

D mound

15.00

Enter valley to. N. 40° E.
and S. 40° N.

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.

60.60

Mark 20 links wide to. N.

and mound

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs 14, 15, 22, 23, 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. 1/4 on N. E. R. 1/7 E. S. 23 on S. E. S. 22 on S. W. and S. 1/8 on N. W. faces, with 2 notch  on S, and 2 notch 

T.23. N. R 17 E C. & S R M

Chains

on E. edge,
Surface rolling
Dred 3rd. rate
Slight grass

East on a random line
bet. Secs. 14 and 23

Var. 131° 00' E.

Over rolling surface

40.00 Set temporary 1/4 Sec. Cor.

79.78 Subtract N. and S.

line 62 links N. of
the Cor. to Sec. 14,

14, 23 and 24 thence

I run N. 89° 00' W.

on a true line bet.

Secs. 14 and 23 with

same var.

T.23. N. R. 17 E G. & S R M

Chs.

39.89

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.

79.78 The Co. to Sec. 13, 14, 23 & 24

Surface rolling
Doll 3 rd. rate
Good grazing

North bet. Sec. 14 and 15
Va. 13° 30' E.

Acres

38.10

North 75 links wide Co. S. W.

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.

T. 23. N. R. 17 E. G. & S. R. M.

80.00 Set a basalt stone 25x10x10
 ins. 18 ins. in the ground
 for Cor. to Sec. 10, 11,
 14 and 15 marked
 with 4 notches on S.
 and 2 notches on E.
 edges. and raised a
 mound of stone alongside
 Onto impracticable
 Surface rolling
 Soil Fert. red
 Light grass.

+ East on a road on line
 bet. Secs. 11 and 14
 Va. 13027

Descend gradually
 Set temporary of 14 Sec. Cor.
 4000 Wash. Co. S. M. and
 78.56 mound

T. 23 N. R. 17 E. G. & S. R. M

Ch.

79.60

Subtract N. and S. line
14 links N. of the
Cor. to Sec. 11, 12, 13
and 14 thence I run
N. 89° 54' W. on a
true bet. Secs. 11 and 14
with same va.

3980

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 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.

79.80

The Cor. to Sec. 10, 11, 14 & 15
Sand gritty rolling
Soil 3rd. rate
Good grass

North bet. Secs. 10 and 11
Va. 13° 27' E.

T.23. N. R 17 E G. & S R M

Chs.

40,00

Round gradually

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 Basalt stone 25 x 20 x 20 ins. / 8 ins. in the ground for Cor. to Sect. 2, 3. 10 and 11 marked with 3 notches on S. and 2 notches on E. edge. and raised a mound of stone alongside
 Ostr. impracticable
 Sand gently rolling
 Soil 3rd. rate
 Good grass

T. 23 N. R. 17 E. G. & S. R. M

Ch.

Cast a random line
bet. Sec. 2 and 11
Va. $10^{\circ}30'E$

20.00 Enter level land
40.00 Set temporary 1/4 Sec. Cor.
80.05 Intersect N and S line
80 links S. of the
Cor. to Sec. 1, 2, 11 & 12
thence 2 runs S. 89°
47' N. on a true line
bet. Secs. 2 and 11
with same or.

40.02 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.

80.05 The Cor. to Secs. 2, 3, 10 & 11

T. 23. N. R. 17 E. C. & S. R. M

Surface rolling and level
 Soil 3rd. rate
 Good grazing
Considerable sagebrush

North on a road over
 line bet. Secs. 2 and 3
 Va. $13^{\circ} 30' E$

4000
 7270
 80.16
 Round gradually
 Set temporary 1/4 Sec. Cor.
 Mark 20 links wide Cor.
 S.W. and round

Intersect N. Boundary
 of the township
 12 links E. of the
 C. W. to Secs.
 2, 3, 24 and 25 which
 was recently established
 by me.
 Hence I run

T. 23. N. R. 17 E. G. & S. R. M

Ch.

S. 0° 5' E. on a
true line set.
S. 2 and 3 with
same va.

40.16

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

80.16

The Cor. to S. 2. 3. 10 & 11
Land gently rolling
Soil 3rd. rate
Good grazing
Plenty of the sage brush

John Mohr & associates
Miner Oct. 28 1852

T. 23 N. R. 17 E. C. & S. R. M

No.

+

From the Cor. to Sec.
 34. 33 and 34 on the S.
 Boundary of the township
 recently established by me.
 I run North 41.
 Sec. 33 and 34
 Va. $73^{\circ} 30' E.$

Draw

3000 Draw 35 links wide Co.
 $S. 76^{\circ} W.$ and record

4000

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 stone $5\frac{1}{2}$ 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.

7000

Set a fault stone $\frac{1}{4} \times 9 \times 4$ ins. 9 ins. in
 the ground for Cor. to Secs. 27, 28, 33, 34 marked
 with / notch on E. and O 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.

T. 23. N. R. 17 E. G. & S. R. M.

Ch.

4 1/2 ft. base along side
 Land gently rolling
 Soil Fert. rate
 Good grass

Cast on a random line
 bet. Secs. 27 and 34
 Va. 13° 30' E.

Oboid

- 40.00 Set temp. on ary 1/4 S. Cr.
 79.73 Set out St. and S. line
 15 links St. of the Cor.
 to Secs 26, 27, 34 and 35
 thence I run St. 89°
 52' N. on a stone line
 bet. Secs 27 and 34
 with same var.
 39.86 Set a small stone
 16 x 8 x 6 ins. 11 ins. in
 the ground for.

T. 23. N. R. 17 E. G. & S. R. M

Ch.

114 Sec. Cor. marked
 114 on N. face and
 raised a mound of
 stone alongside

Pits unpracticable

79.73

The Cor. to Sec. 27. 28

33 and 34

Land gently rolling

Soil 3rd. rate

Good grazing

All woods are sage brush

North pt. Sec. 27 and 28
 Va. 13000' E.

Obound

39.67

Top of ridge to E. and
 N. and down

4000

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

T. 23. N. R 17 E G. & S R M

Chc.

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.

80.00

Deposited a marked stone 12 ins. in the ground for Cor to Secs. 2, 22, 27, 28, 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. 22 on N.E. R/17 E.S. 27 on S.E. S. 28 on S.W. and S. 21 on N.W. faces, with 2 notch *w* on S, and 3 notch *w* on E edges.

Surface gently rolling
Soil 3rd. rate

Good grazing

East on a random line bet. Secs. 22 & 27 Va. 10' 30" E.

40.00 Over nearly level land Set temporary 1/4 Sec. Cor.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

50.00 Leave valley hrs. N. and S.
 7994 Subtract N. and S. line
 26 links N. of the Cor.
 to Secs 22, 23, 26 & 27
 thence I run ϕ 89°
 49' N. of a true line
 bet. Secs. 22 and 27
 with - same var.

3997 Set a fault stone, 5 x 10 x 4 ins. 40 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.

7994 The Cor. to Secs. 21, 22, 27 & 28
 Surface nothing
 Soil 3rd. Soil
 Good grazing

North bet. Secs 21 and 22
 Va. 13031'E.

T. 23. N. R. 17 E. G. & S. R. M

Cha.

20.50 Over nearly level land
 Mark 20 links wide Co.

38.00 S. 70° N. and around
 around more abruptly

40.00 Set a fault stone, 4 x 8 x 4 ins., 9 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4 on N.
 face, dug pits 18 x 18 x 12 ins N. and S.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft. high. 3 1/2 ft. base. alongside.

80.00 Set a fault stone 4 x 4 x 4 ins., 9 ins. in
 the ground for Cor, to Secs. 15, 16, 21-22 marked
 with S notch on E. and S notch on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.
 dist. and raised a mound of earth 2 ft. high.
 4 1/2 ft. base. alongside.

Surface gently rolling
 Soil 3rd. rate
 Good grazing

+ East on a random line
 bet. Secs. 15 and 22
 Va. 130° 40' E.

T. 23. N. R. 17 E. G. & S. R. M

Chs

- 35.00 Top of hill frs. S. 50° N.
and N. 50° E. and descend
- 37.00 Enter valley frs. N. 50° E. and
S. 50° N.
- 40.00 Set temporary 1/4 Sec. Cor.
- 50.00 Wash 75 links wide Co. S. N.
and ascend
- 80.13 Intersect N. and S. line
41 links S. of the
Cor. to Secs. 14, 15, 22 and
23 Here I run
S. 89° 42' N. on a true
line bet. Secs. 15 and 22
with - same var.
- 40.06 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.

T. 23. N. R. 17 E. G. & S. R. M

Chains

80.10 The Co. to Secs. 15, 16, 21 & 22
 Surface gently rolling
 Soil 3rd. rate
 Good grazing
 North bet. Secs. 15 and 16
 Va 130 40' E.

Acad

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

80.00 Deposited a marked stone 12 ins. in the
 ground for Cor. to Secs. 9, 14, 15, 16, 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. 2
 ft. long 12 ins. in the ground marked T. 2300.
 S. / 8 on N. E. R. 17 E. S. 15 on S. E. S. 16
 on S. W. and S. 9 on N. W. faces, with

T. 23. N. R. 17 E. G. & S. R. M.

Claims

4 notch 10 on S, and 3 notch 10
on E edges.

Surface gently rolling
Soil 3rd. rate
Good grass

East on a random line
bet. Secs. 10 and 15
Va. 13' 00" E.

40.00
79.88
Set temporary 14 Sec. Cor.
Intersect N. and S.
line 20 links S.
of the Cor. to Secs.

10, 11, 14 and 15 thence
I run S. 89° 50' W.
on a true
line bet. Secs.
10 and 15 with
same va.

T.23. N. R 17 E G. & S R M

Ch.

79.94 Set a tall stone 14 x 12 x 10 ins. 9 ins. in the ground for 1/4 Sec. Cor. marked "14" on N. face and raised a mound of stone alongside pits impracticable

79.88 The Cor. to S.W. 9. 10. 15 and 16
 Sand gently rolling
 Soil 3rd rate
 Good grass

North bet. S.W. 9 and 10
 Va. 13° 30' E.

Second grade ally

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.

T. 23. N. R. 17 E. G. & S. R. M.

Ch.

sq. 12 ins. in the ground marked $\frac{1}{2}$ S. on N.
face.

6000 Mark Co. E. N. and ascend
8000 Set a basalt stone 15x
12x7 ins. 10 ins. in the
ground for. W. to S. W.
3. 4. 9 and 10 marked
with 5 notches on S. and
3 notches on E. edges.
and raised a mound
of stone along side
Pits impracticable
Sand gritty rolling
Soil Erd. oak
Good grass

+ East on a road on line
bet. Sec. 8 and 10
Va. 10080' E.
Ascend gradually

T. 23. N. R. 17 E. G. & S. R. M

Chs.

- 8.00 Descend gradually
 18.10 Wash Co. S. A. ascend
 40.00 Set temporary $\frac{1}{4}$ S. Cor.
 79.64 Intersect - N. and S. line
 15 links N. of the Cor.
 to S. 23. 10 and 11
 Thence I run N. 89°
 54' W. on a true line
 hit S. 23. 3 and 10
 with - same or.
 89.82 Set a small stone
 20 x 20 x 14 15 ins. in
 the ground for $\frac{1}{4}$
 S. Cor. marked
 $\frac{1}{4}$ m N. face and
 raised a mound
 of stone along side
 of Pit's unpracticable
 79.64 The Cor. to S. 23.
 2. 4. 9 and 10

T. 23. N. R. 17 E. G. & S. R. M

Chs.

Surface rolling
Soil 3rd. rate
Good grass

North on a random
line bet. Sec. 3 and 4
Va. 130° 20' E.

Open & gradually

40.00 Set trap on any 1/4 Sec. Cor.

79.80 Intersect - St. Road,
of the township 95'

blocks E. of the Cor.
to Sec. 9. 4. 33 & 34

Which was recently
established by me

thence I run S. 0°
15' E. on a town line

bet. Sec. 3 and 4
with same Va.

T. 23. N. R. 17 E. G. & S. R. M.

Cho.

9980

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.

7980

The Cor. to S. W. 34.9010
 Soil pretty rolling
 Soil 3rd. rate
 Good grazing
 Some sagbrush
 I carefully re-examined
 the adjustments of
 my Solar Compass
 to-day particularly the
 latitude and over-swing
 apparatus and found
 them correct
 C. D. Wheeler
 Oct. 30. 1882

T.23. N. R 17 E G. & S R M

Ch.

From the Cor. to Sec.
4, 5, 32 and 33 on
the S. Bound. of
the Township recently
established by me.
I run North bet.
Sec. 32 and 33
Va. $13^{\circ}30' E$

20.00

Down
Draw 40 links wide
Co. S. $78^{\circ} N$. as usual

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.
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

Set a *lime* stone $4 \times 8 \times 4$ ins, 9 ins. in
the ground for Cor. to Secs. 28, 29, ~~30~~³³ marked
with notch on E. and ~~4~~ notch ~~so~~ on E. edges,
dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.

T. 23. N. R. 17 E. G. & S. R. M.

Chs.

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

Surface gently rolling
Soil 3rd. rate

Good grazing some
sage brush

East on a random line
bet. Secs 28 & 33
Ta. 13° 31' E.

⊥ Bound

40.00 Set temporary 114
Sec. 33.

80.18 Intersect N. and S.
line 22 links N.
of the Cor. to Secs.

27.28, 33 and 34
thence down at 89°
51' N. on a true
line bet. Secs. 28

T.23. N. R 17 E G. & S. R. M

Ch.

and 33 will come on.

40.09

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

80.18 The Cor. to Sec. 28. 29,
32 and 33

Surface pretty rolling
Soil 2nd. rate
Good grazing

North pt. Sec. 28 & 29
Var. $13^{\circ} 30' E$.

Ascend

40.00

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

48.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

45.00

Top of spur for E. and N. and descent

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 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. 23rd S. 21 on N. E., R. 17 E. S. 28 on S. E. S. 29 on S. W. and S. 20 on N. W. faces, with 2 notch on S, and 4 notch on E edges.

Surface gently rolling
Soil 3rd rate -
Good grazing

East on a random line
bet. S. 21 and 28
Va. 13° 30' E.

Descent gradually

40.00

Set trap on edge of 1/4 Sec. 20
Intersect N. and S.

79.90

T. 23. N. R. 17 E. G. & S. R. M

D.

line 12 links S. of the
Cor. to Secs. 21, 22, 27 & 28
thence I run S. 89° 55' W.
on a true line bet.

Secs. 21 and 28
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.

7990

The cor. to Secs. 21, 28 & 29
Dunbar rolling
Soil 2nd. rate
Fair grass

North bet. Secs. 20 & 21
Va. 13° 30' E
Over nearly level rolling land.

T. 23. N. R. 17 E. G. & S. R. M

Ch.

37.20 West 25 links wide
Co. S. 80° N.

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.

80.00

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. 23 Ch. S. 16 on N. E. R. 17 E. S. 21 on S. E. S. 20 on S. W. and S. 17 on N. W. faces, with 3 notch 10 on S. and 4 notch 10 on E edges.

Surface rolling
Soil 3rd. rate
Fair grass

T.23: N. R 17 E G. & S R M

Ch.

+ Cast on a random line
bet. Sec. 16 and 21
Va. 13040'E

Obv'd

40.00 Set marker on $\frac{1}{4}$ Sec. Cor.
80.29 Intersect - S. and
S. line 15' back N.
of the Cor. to S. 15.
15, 16, 21 and 22 thence
Q run N. 89° 54' W.
on a true line bet.
Secs. 16 and 21
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 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.

80.29 The Cor. to Secs. 16, 17, 20 and 21

T. 23. N. R. 17 E. G. & S. R. M

Obs.

Surface rolling
S. 1/2 Sec. 16

Good grazing

North lot. Sec. 16 and 17
Va. 13040 E.

Bound

18.00 Wash 40 links wide Co.

S. 80° N. and ascend
more abruptly

37.00 Top of divide to S. N.
and descend

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 S. 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. 17 E. G. & S. R. M.

Obs.

8000

Set a flag stone $6 \times 12 \times 6$ ins., 11 ins. in the ground for Cor. to Secs. 8, 9, 16 & 17 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.

Surface rolling
Soil 3rd. rate
Good grazing

Ext. on a random line
bet. Secs. 9 and 16
Va. $13000'$ E.

3000

Ascent gradually
Top of ridge bet. S. 30° N.
and descent

4000

Set temporary 14 Sec. Cor.

8011

Intersect N. and S. line
12 links S. of the
Cor. to Secs. 9, 10, 15
and 16 thence S

T. 23 N. R. 17 E. G. & S. R. M

Ch.

run S. $89^{\circ}55'$ N.
 on a true line to
 Sec. 9 and 16 with
 same $\frac{1}{2}$.

4005

Set a small 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. 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.

80.11 The Cor. to Secs. 8, 9, 16
 and 17

Surface rolling
 Soil 3rd. rate
Good grazing

North to Sec. 8 & 9
 Va. $13^{\circ}30'E$.

Decend gradually
 Decend gradually

20.50

T. 23. N. R. 17 E G. & 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.

6000

Wash 30 buks wide 40. N.
and mound

8000

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9, 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. 23d. S. 4 on N. E, R. 76. S. 9 on S. E. S. 8 on S. W. and S. 6 on N. W. faces, with 5 notch on S, and 4 notch on E edges.

Sand pretty rolling
Soil 3rd. rate
Good grass

T. 23. N. R. 17 E. G. & S. R. M

Chs.

East on a random line
bet. Sec. 4 and 9
Va. 13° 30' E.

meand gradually

40.00

79.85

Set temporary 1/4 Sec. Cor.
Doubt cert. St. and S.
line 26 links S. of
the Cor. to Sec. 4.

3. 4. 9 and 10 then
I. run S. 89° 49' W.
on a true line bet.

Sec. 4 and 9 with
same Va.

39.92

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 St.
face.

79.85

The Cor. to Sec. 4, 5, 8 & 9

T. 23. N. R. 17 E. G. & S. R. M

Surface rolling
Soil 3rd. rate
Good grass

x North on a random
line bet. Sec. 4 and 5
Va. $130^{\circ}30' E.$

Acres gradually

4000 Set temporary $\frac{1}{4}$ Sec. Cor.
7991 Enter on J. Bowd.
of the township 15
links N. of the Cor.
to Sec. 4, 5, 32 & 33
which was recently
established by me.
Thence I run
S. $6^{\circ} N.$ on a true
line bet. Sec.
4 and 5 with
same va.

58

T. 23 N. R. 17 E. G. & S. R. M

Chs

3991

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.

7991

The Cor. to Div. 4, 5, 8 & 9
 Sand pretty rolling
 Soil about 3rd. rate
 Good Sacaton grasses
Very little sagebrush
 John Mahon Oct. 30 1882

T. 23. N. R. 17 E. G. & S. R. M

Chs.

From the Cor. to Secs.
5. 6. 31 and 32 on the
South boundary of
the township recently
established by me,
I run North bet.
Secs 31 and 32.
Va. 13° 30' E.

Descend gradually

40.00

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

42.16

Wash 50 bucks with Co. N. N.

80.00

Set a basal stone $4\frac{1}{2}$ x 9 x 4 ins., 9 ins. in
the ground for Cor, to Secs, 29, 30, 31-32 marked
with / notch on S. and 5 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base. alongside.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

Surface rolling
Soil 3rd. rate -
Good grazing

East on a random line
bet. Secs. 29 and 32
Va. $130^{\circ} 50' E.$

Obcord

40.00

Set temporary 1/4 Sec. Cor.

80.02

Intersect - N. and S.
line 54 links S. of
the Cor. to Secs
28, 29, 32 and 33
thence I run
 $89^{\circ} 37' N.$ on a true
line bet. Secs. 29 & 32
with same va.

40.01

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

T. 23. N. R. 17 E. G. & S. R. M

Chain

At In E. pit drove a stake 2 ft. long 2 ins.
sq. 12 ins. in the ground marked $\frac{1}{2}$ S. on N.
face.

8002 The Cor. to Sec. 29. 30. 31 832
Survey rolling
D. D. 3rd. sub
good going in
C. D. Wheeler Oct. 21 1882

Met on a random
line bet. Sec. 30 & 31
Va. $130^{\circ} 35' E$

D. D. 3rd

4000 Set temp or ang^y 4 Sec. Cor.
4150 Mark 20 links wide
Co. N. N. and record
7703 Intersect the N. boundary
of the township 22
links S. of the Cor.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

To Dec. 25. 30. 81530
 which was recently
 plotted by me.
 Thence I run S.
 89° 51' E. on a
 true line bet. Dec.
 20. and 21 with
 same ve.

87.59 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. end 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. $8\frac{1}{2}$ ft. base. around
 post.

77.53 The Cor. to Dec 29. 30. 81532
 Surface rolling
 Soil 2d. rate
 Good gauging
 John Wilson Act.
 31st. 1852.

T. 23. N. R. 17 E. G. & S. R. M.

North bet. Secs. 29 and 30
T. 23. N. R. 17 E.

Descend

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. bare 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

Wash 20 links wide Co. S. & N.
Ascend

50.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30 marked T. 23 N. S. 20 on N. E. R. 17 E. S. 29 on N. W., 30 on S. W. and 19 on N. W. face, with 2 notch ~~19~~ on S. and 5 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $6\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. bare around post.

Land rolling

Good grass

Soil int. rate

Ch

East on a random line
bet. Sec. 20 and 29
Va. $13^{\circ} 45' E.$

Proceed gradually

10.00 Mark 35 links wide Co.
S. $40^{\circ} N.$

40.00 Set temporary 1/4 Sec. Cor.

80.27 Dub out N. and S.
line 6 links N. of
the Cor. to Sec. 20, 21
28 and 29 thence I
run N. $89^{\circ} 57' N.$ on a
true line bet. Sec. 20
and 29 with same va.

40.14 Set a sand stone, $4 \times 6 \times 4$ ins., 9 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N.
face, Eng. rils $13 \times 13 \times 12$ ins. E. and N.
of stone 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high, 3 1/2 ft. base. alongside.

80.27 The Cor. to Sec. 19, 20, 29 & 30
Surface rolling

T. 23 N. R. 17 F. G. & S. R. M.

Ch.

Soil 3rd. rate
Good grass

† Went on a road one mile
 bet. Sec. 19 and 30
 Va. 130° 40' E.

Discovered

4000 Set temporary 4th Sec. Cor.

76.95 Intersect - N. Bound.
 of township 14 back
 S. of the Cor. to
 Secs. 19, 24, 25 and 30
 which was recently
 established by me.
 thence I ran

S. 89° 53' E. on a true
 line bet. Secs. 19 and 30
 with same va.

36.95 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 apart and raised
 a mound of earth 1 $\frac{1}{2}$ ft. high 5 $\frac{1}{2}$ ft. base over
 it. In E - pit drove a stake 2 ft. long 2 ins.

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T. 23. N. R. 17 E. G. & S. R. M

Chs.

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

76.95

The Cor. to Sec. 19, 20. 29 + 30
Surface level
Dip End. rate
Good grazing

North pt. Sec. 19 + 20
Va. 13° 40' E.

Decid

80.00

Top of ridge bet. *St.*
and *Decid*

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.
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 $\frac{1}{4}$ S. on *St.*
face.

80.00

Deposited a marked stone 12 ins. in the
ground for Cor. to Secs. 17/8, 19, 20, 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

T. 23 N. R. 17 E. G. & S. R. M

ft long 12 ins. in the ground marked T. 23^d.
 S. 17 on N.E. R. 17 E. S. 24 on S.E. S. 19
 on S. W. and S. 18 on N. W. faces, with
 3 notch ∞ on S, and 5 notch ∞
 on E. edges.

Surface rolling Soil
 3rd rate
 good grass

East on a random line
 bet. Secs. 17 and 20
 Va. $13^{\circ} 30' E.$

Acad

- 10.00 Set temporary 1/4 Sec. Cor.
 5.00 Top of low spur to S. W.
 9.00 Mark 40 links wide
 Co. S. 10' N.
 9.82 Intersect - N. and S. line
 22 links N. of the
 Cor. to Sec. 16, 17, 20
 and 21 thence down

68

T. 23 N. R. 17 E. G. & S. R. M

BOOK 467

Obs.

N. 89° 51' W. on a true
line bet. Sec. 17 and
20 with same va.

39.91 Set a ~~basalt~~ stone, 4 x 8 x 4 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 $\frac{1}{2}$ ft. dist. and raised a mound of earth
1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. alongside.

7982 The Cor. to Sec. 17, 18, 19 & 20.
Surface rolling
Soil 3rd. rate
Good grazing
W. D. Whelan Oct. 31st 1882

x Met on a random line
bet. Sec. 18 and 19.
Va. 13° 20' E.

Dro cloud

4000 Set temporary by Sec. 18 Cor.
7649 Intersect - N. D. Road,
of the township 41 links

T. 23 N. R. 17 E. G. & S. R. M

Obs.

Cr. of the Cor. to Secs.
 13, 18, 19 and 24 which
 was recently established
 by me. Hence I
 ran Cr. $89^{\circ} 41'$ E. on
 a true line bet.
 Secs. 18 and 19 with
 same ea.

3669

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 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.

3669 The Cor. to Secs. 17, 18, 19 & 20
 Surface rolling
 Out end. note
 Good grazing

North bet. Secs. 17 and 18
 Va. $120^{\circ} 30' E.$

T. 23. N. R. 17 E. G. & S. R. M.

Chs.

Acad

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.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 7, 8, 17, 18, dug pits 18 x 18 x 12 ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 20 cr. S. 8 on N. E., R. 17 & S. 17 on S. E. S. 18 on S. W. and S. 7 on N. W. faces, with 4 notch ^{to} on S. and 5 notch ^{to} on E edges.

Surface rolling
Soil 2nd. rate
Good grazing

T. 23. N. R. 17 E. C. & S. R. M

Cs.

East on a random line
bet. Suro. 8 and 17
16, $130^{\circ} 30' E$.

Ascend gradually

2500

Descend gradually

4000

Set temp. mark 14 Sec. Cor.

6000

Enter sag. Cor. S. N. and
ascend

79.57

Intersect - S. and S.
line 8 links N. of the
Cor. to Suro. 8, 9, 16
and 17 thence I run
N. $89^{\circ} 57' W$. on a
true line bet.
Suro. 8 and 17 with
same va.

99.78

Set a sand stone, $14 \times 10 \times 4$ ins., 9 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N.
face, dug pits $18 \times 18 \times 12$ ins. E. and W.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

T. 23. N. R. 17 E. G. & S. R. M

Ch.

79.57 The Cor. to Sec. 7, 8, 17 & 18
 Surface rolling
 Soil 3rd. rate
Good grazing

Met on a random line
 bet. Secs. 7 and 18
 Va. $13^{\circ}35'E$.

40.00 Descend gradually
 Set temporary $1/4$ Sec. Cor.
 76.85 Subsequent - W. Bound.
 of the township 18
 Chucks St. of the Cor.
 to Sec. 7, 12, 13
 and 18, which was
 recently established
 by me. Thence I
 run $St. 89^{\circ}51'E$
 on a true line bet.
 Secs. 7 and 18
 with - same va.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

76.85

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.

76.85

The Cor. to Secs. 7, 8, 17 & 18
 Sand gently rolling
 Soil sandy 2nd. rate
 Good Sacaton grass
 Considerable sage brush
John Mahon Oct. 31st 1882.

North pt. S. 10. 7 and 8
 Va. 130° 30' E.

20.20

10.00

Ascend gradually
 Descend gradually
 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 W.

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T. 23 N. R. 17 E. G. & S. R. M.

Chs.

77.00 face
Wash Co. S. 80° W.

Opened

80.00 Set a fault stone
20 x 10 x 4 ins. 15 ins.
in the ground for
Cor. to Sec. 5, 6, 7 and 8
marked with 5 notches
on S. and E. edges.and raised a mound
of stone alongside
Pits impracticable
Sand very gritty nothing
Soil about 3rd. rate
Good grass some sage brushx
East on a random line
bet. Sec. 5 and 8

Va. 13° 31' E.

Very nearly level land

40.00

Set temporary "4" Sec. Cor.

T. 23 N. R. 17 E. G. & S. R. M

Ch.

- 7996 Intersect A. and S.
line 4 links S. of
the cor. to S. 4.
4. 5. 8 and 9 thence I
run S. 89° 58' W.
on a true line. ht. Secs.
5 and 8 with same va.
3998 Set a small stone
20x20x10 ins. 15 ins. in
the ground for 14 Sec.
Cor. marked 14 on A.
face and raised a
mound of stone alongside
into impracticable
7996 The cor. to Secs. 5, 6, 7 & 8
Sand gritty rolling
Soil 3rd. rate
Good grass considerable
sagebrush

O. D. Wheeler Oct. 31, 1892

T.23 N. R. 17 E C & S R M

Obs.

Went on a road over
line bet. Secs. 6 and 7
Va. 13° 30' E

4000
6000

Proceed very gradually
Set temporary 1/4 Sec. Cor.
Wash 10 links wide Co. S. N.
and record

76.77

Intersect - N. ~~at~~ ~~the~~ ~~township~~ 21
links N. of the Cor.
to Secs. 16, 17 and 18
which was recently
established by me.

Thence I run N.
89° 50' E. on a true
line bet. Secs. 6 and 7
with same va

26.77

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.

T. 23. N. R. 17 E. G. & S. R. M

Chs.

76.77 ^{fall} The Cor. to Secs. 5, 6, 7 and 8
 Sand rolling
 Soil 2nd. rate
 Good grazing

North λ bet. Secs. 5 and 6
 Va. $13^{\circ} 30' E$.

4000 Ascend very gradually
 50.10 Set temporary $1/4$ Sec. Cor.
 Subtract - N. Bound.
 of the Township 28
 Plunk's N. of the
 Cor. to Secs. 5, 6, 31 and 32
 which was recently estab-
 lished by me. Hence
 I run $S. 0^{\circ} 12' N.$ on
 a true line bet.
 Secs. 5 and 6
 with same Va.

T. 23 N. R. 17 E. C & S. R. M

Ch.

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. 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.

80.10

the Cor. to Secs 5, 6, 7 & 8

Surface rolling

Soil 3rd rate

Good grazing

I carefully examined the adjusting screws of my Solar Compass to-day particularly the latitude and reversing apparatus and found them correct -

John Malin Compassman
Oct. 31st. 1882.

T. 23 N. R. 17 E. C. & S. R. M

Chs. General Description

This township is an exceedingly fine one Besides being an exceedingly fine grazing country. Having all the prerequisites for such it is also a good farming country. On nearly all the lower parts of the township the land is well adapted for agricultural purposes and is easily tilled.

The soil needs no irrigation. The township affords plenty of water. On the N.W. and the N.E. the soil is higher and is not fit for farming, yet it is a

T. 23. N. R. 17 E. G. & S. R. M

splendid grass land
 the grass being mostly
 rich sacaton.
 In the S. W. is a
 high Butte or hill
 which can be seen
 for many miles and
 has a water shed
 for the small portion
 of land in that
 part of township.
 On the N. E. part are
 various small spurs
 extending S. W. from
 Signal and Lost Shoe
 Buttes, although the
 land is somewhat
 broken by these small
 spurs. The grass is
 tolerably good
 In the S. E. part

T. 23 N. R. 17 E. C. & S. R. M

is the best tillable
land.

There are several
Navajo Indians residing
in this part who have
farms and herds.

There are several springs
in the S.E. 1/4 Sec. of
Sec. 24.

Soil will average 1000 rate

For final notes see books
No. 20.

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

The foregoing Field Notes of the survey of the
Subdivision King of Lps
23 North, Range 17 E,

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

J. M. Dobson
Surveyor General,