

T22 N. R 16 E C. & S R M

p. 1

Indexed
Platted

12

BOOK 430

Field Notes

OF THE SURVEY OF THE

Subdivision lines

-OF- No. 430

Township *22 N.* Range *16 E.*

Gila and Salt River Base and Meridian

430

ARIZONA.

By *C. D. Weeks* D.S.

Under contract dated *Aug. 5th* 1882

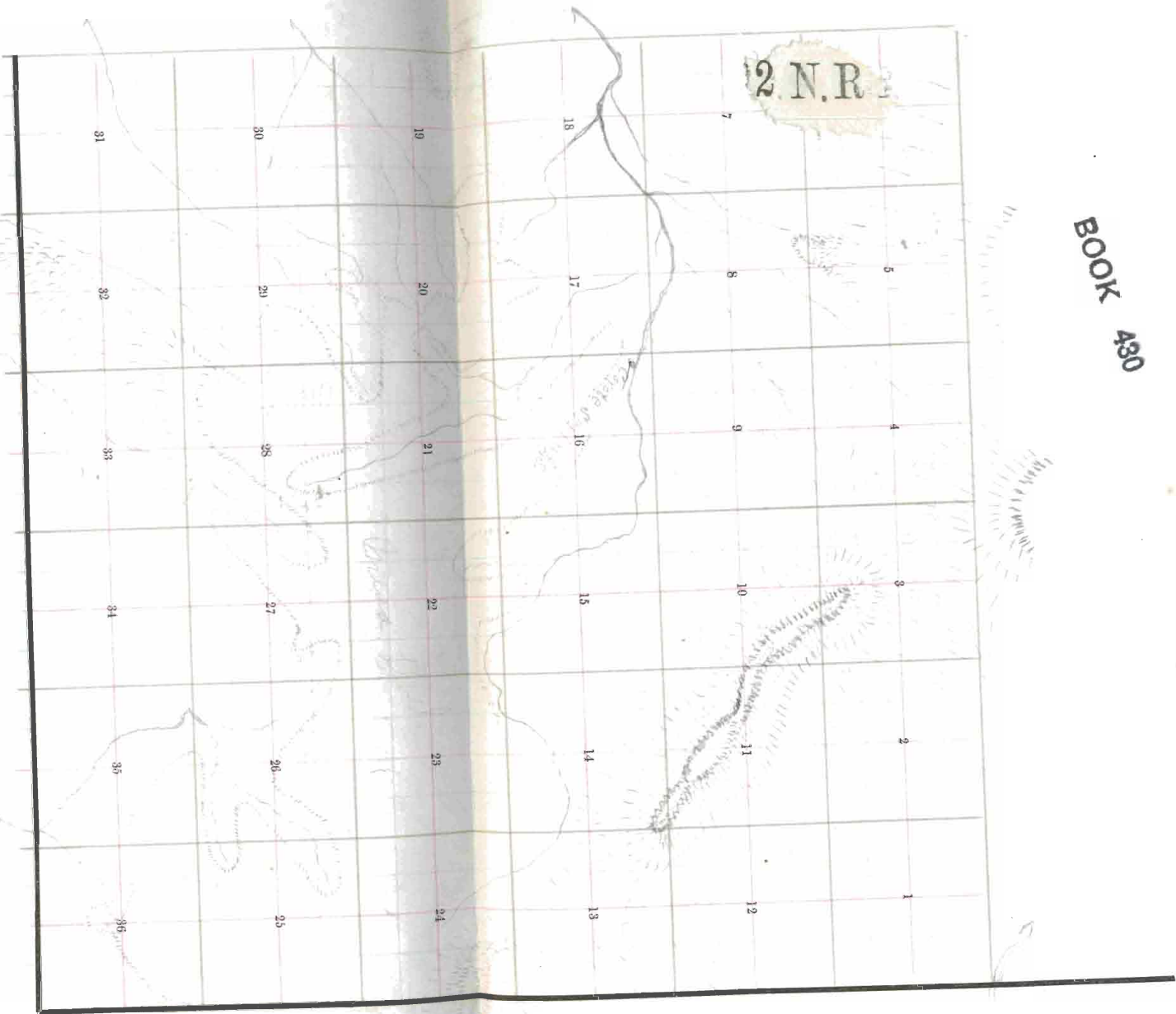
Survey commenced *Nov. 11th* 1882

Survey completed *Nov. 14th* 1882

T22 N. R 16 E C. & S R M

Township No. 22 N Range No. 16 East - 1st Meridian.

BOOK 480



with / notch on S.

3 1/2

TOWNSHIP PLOT

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.

BOOK 480

T. 22. N. R. 16 E G. & S R M

Ch.

From the Cor. to Secs.
25 and 26 on the
S. Boundary of the
township recently
established by me.
Down
North bet. Secs. 25 and 26
Var. $13^{\circ} 35' E.$

Descend

471
40.00 Mark C. S. N. and ascend
Set a lime 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 pile $18 \times 18 \times 12$ 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.

45, 12
80.00 Enter road bet. N. N. and S. E.
Set a limestone $20 \times 20 \times 10$
ins. 15 ins. in the ground
for Cor. to Secs. 25, 26.
25 and 26 marked
with notch on S.

T. 22. N. R. 16 E. G. & S. R. M

and E. edges: and
 raised a mound
 of stone alongside
 of the impracticable
 and mostly rough
 Very little vegetation
 Soil 4th rate.

East on a random
 line bet. Secs. 25 and 26
 Va. $130^{\circ} 38' E$.

Over nearly level land.

0.00 Set temporary 1/4 Sec. 4 pr.
 9.87 Enter end of Boundary
 of the township 26 links
 S. of the Cor. to Secs.
 25, 30, 31 and 36 which
 was recently established
 by me. Then I run
 S. $89^{\circ} 49' N$. on

T. 22 N. R. 16 E. G. & S. R. M

Chs.

39.94

a true line bet. Secs.
25 and 26 with same va.

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.

7987 The cor. to Secs. 25, 26, 25 and 26
Land mostly rough
Soil 4th rate
Very little vegetation

North bet. Secs. 25 and 26
V. 135 85' E.

10.89 Over mesa
Edge of rocky ledge and
drops abruptly

4.39 Wash Co. S. 80' W.
and round abruptly

T. 22. N. R. 16 E. G. & S. R. M.

Chs.

40.00 Set a limestone 20x20x10
ins. 15 ins. in the ground
for 14 Sec. Cor. marked
14 on N. face and
raised a mound of
stone alongside.

00.70 Pit - impracticable
Mark Co. S. N. record

0.70 Enter mine

00.00 Set a limestone 25x10x10
ins. 18 ins. in the ground
for Cor. to Secs. 23, 24, 25
and 26 marked with
2 notches on S. and 1
notch on E. edges,
and raised a mound
of stone alongside

Pit impracticable
Surf all rough and rocky
Soil very rocky

T. 22. N. R. 10 E G. & S R M

Chs.

and gravelly 4th rate
 No. 1 gravel

East on a random
 line bet. Secs. 24 and 25
 Va. $10^{\circ} 30' U.$

Over level near

40.00 Set temporary 1/4 Sec. Cor.

79.58 Eastward to E. boundary
 of the township 15 links
 N. of the Cor. to Secs.
 19, 24, 25 and 30

which was recently established
 by me. thence I run
 S. $89^{\circ} 54' N.$ on a
 true line bet. Secs

24 and 25 with same as

39.79

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 3/4 ft. base over

T. 22. N. R. 16 E. G. & S. R. M

Chs.

it. In *O.* pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked $\frac{1}{4}$ S. on *O.* face.

9.58

The Cor. to Secs. 28, 24, 25 & 26
 Surface - rough and rocky
 Soil very rocky and
 gravelly 4th rate
No. grass.

~~Just in a...~~
 North bet. Secs. 28 & 24
 $\text{N. } 10^{\circ} 30' \text{ E.}$

20.00

Over level mesa
 Deposited a marked stone 12 ins. in the ground for 1 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 11 ft. high 24 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. 22 N. R. 16 E. G. & S. R. M

Chs.

8000
1

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 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. 22 N. S. 13 on N. E. R. 16 E. S. 24 on S. E. S. 23 on S. W. and S. 14 on N. W. faces, with 3 notch on S. and 1 notch on E. edges.

Surface level mva
Sub 3rd. rate

Good grass

East on a random level
bet. Secs. 13 and 24
Va. 100 00' U.

Over level mva

20.17 Mack Co. A. H. mound

40.00 S. T. temporary 14 Sec. Cor.

80.08 Entered E. Boundary
of the township

T. 22. N. R. 16 E. G. & S. R. M.

Ch.

40 links N. of the
 Cor. to Secs. 13, 15, 19 and
 24 which was recently
 established by me. I have
 run $\angle A = 89^{\circ} 48' N.$
 on a true line bet.
 Secs. 13 and 24 with
 same ca.

40.04

^{to} 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 \angle
 face.

80.08

The Cor. to Secs. 13, 14, 23 & 24
 Surface level now
 Soil ind. rate
Good grass

T. 22. N. R. 16 E G. & S R M

Chs.

North lot. Secs. 13² & 14
 Va. 10' 30" E.

Over level msoa.

3000 Stack 15 bucks wide

Co. S. 30° N. ascend gradually

4000

Set a flint stone, 16 x 9 x 8 ins., 11 ins.
 in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. on N.
 face, dug pits 18 x 18 x 12 ins. N. and S.
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. alongside.

8000

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

Surface level msoa
 Soil 3rd. rate
Good grass

T. 22. N. R. 16 E. G. & S. R. M.

East on a random line
bet. Secs. 12 and 13

Va. $13^{\circ} 50' E$.

Descend

40.00 Set temporary 114 Sec. Cor.

40.21 Intersect E. boundary
of the township 14 links
S. of the Cor. to Secs.
7, 12, 13 and 18 which was
recently established by one
thru \angle run \angle S. 89°
54' N. on a true
line bet. Secs. 12 and 13
with random line.

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 N. of stone $5\frac{1}{2}$ ft. dist and raised
a mound of earth $1\frac{1}{2}$ ft. high $5\frac{1}{2}$ ft. base 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.

T. 22. N. R. 16 E. G. & S. R. M.

Chs.

80.21 The Cor. to Sec. 11. 12. 1884
 Surface level near
 Soil 3rd. rate
 good grass

North pt. Sec. 11 and 12
 Va. 18° 50' E.

Record

4000 Set a limestone 14 x 9 x
 5 ins. 9 ins. in the
 ground for 114 Sec.
 Cor. marked 114
 on N. face
 and raised a
 mound of stone
 along side. Pit's impracticable

80.00 A. limestone in place
 60 x 50 x 40 ins. above
 ground which I marked
 with a cross (X)

T.22. N. R 16 E G. & S R M

Ch.

2.11512

At exact Cor. point for Cor. to Secs.
and with 5 notches
S. and 1 notch N. of
Cross. and raised a
mound of stone alongside
Surface gently rolling
Soil 3d. to 4th rate
Very little vegetation

East on a road over
line bet. Secs. 1 and 12
Va. 13° 30' E.

Proceed

40.00

7994

Set temporary 114 Sec. Cor.
at road N.E. corner
of the Township 30 links
S.E. of the Cor. to
Secs. 1, 6, 7, and 12 which
was recently established
by me. There

T. 22. N. R. 16 E. G. & S. R. M.

Ch.

3997 I run S. $89^{\circ}47'$ N.
 on a true line bet.
 Sec. 1 and 12 with same $\frac{1}{4}$ in.
 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.

7994 The Gr. to Secs. 1, 2, 11 & 12
 Surface gently rolling
 Date 3rd. rate
 Very little vegetation

North on a random
 line bet. Secs. 1 and 2
 Va. $130^{\circ} 30' E$.

D. record

4000 Set temporary $1/4$ Sec. Cor.
 7996 Entered N. boundary

74

T. 22. N. R. 16 E G. & S R M

Chs.

of the townships 21 miles
 N. of the Cor. to
 Secs. 1, 2, 35 and 36
 which was recently
 established by me.
 Thence S. 89°
 9' W. on a true
 line bet. Secs. 1 and 2
 with same ca.

996

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.

996

The Cor. to Secs. 12, 11, 12
 Spruce greatly rolling
 Soil. 3rd. rate ✓
 Very little vegetation

T. 22. N. R. 16 E. G. & S. R. M.

Cha
 I carefully examined
 the adjustments of
 my Solar Compass &
 its day particular as by
 the latitude and
 reversing apparatus
 and found them correct.
 O. D. Wheeler Nov. 11 1852

From the Cor. to Sec.
 2, 3, 34 and 35 on the
 S. boundary of the
 Township Secuity
 established by me Dr. Wm
 North let. Sec. 34 & 35
 Va. 18° 30' E.

Descend gradually

4000
 Set a lime stone, 16 x 12 x 8 ins. 12 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on N.
 foot, dig pits 18 x 18 x 12 ins. N. and S.
 of stone 5 1/2 ft. dist. and raised a mound of earth

T. 22. N. R. 16 E. G. & S. R. M

No.

1½ ft. high. 3½ ft. base. alongside.

8000

Set a *basalt* stone 6 x 12 x 18 ins. 9 ins. in
the ground for Cor. to Secs. 26, 27, 28 marked
with notch on S. and 2 notches 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.
4 ft. base. alongside.

Land nearly level
No vegetation

Soil rocky 4th rate

Cast me a random line
bet. Secs. 26 and 28
Val. 12° 30' E

19.32

D. mound gradually
Wash Co. S. 70° W.

40.00

mound
Set temporary 4 1/4 Sec. W. m.
Top of Butte bet. Q. and M.
land D. mound gradually

47.11

80.29

Intersect N. and S.

T. 22. N. R. 16 E. G. & S. 1. M.

Cho.

line 30 links S. of
the Cor. to Secs. 25, 26,
35 and 36 thence S. $89^{\circ} 47'$ N.
on a true line bet.
Secs. 26 and 35 with
same sa.

40.15 Set a limestone 16x10x4 in.
11 in. in the ground for
"4 Sec. Cor. marked "4
on N. face and
raised a mound
of stone along side
Pike impracticable

50.29 The Cor. to Secs. 25, 26, 35 & 36
Mat 25 chain nearly level
Rest rough and rocky
Soil of the rate of
No grass
No vegetation

T. 22. N. R. 16 E. G. & S. R. M.

Chs.

North lot. Dec. 24 and 27
 Va. 13° 30' E.

40.00 Acquired over rolling sand hills
 Set a two alt stone 19x17x
 18 ins. 13 ins. in the ground
 for 1/4 Sec. Cor. marked
 1/4 in N. face and
 raised a mound of
 stone along side.

41.28 Pile impracticable
 Begin to ascend

47.90 Wash 20 links wide
 Co. S. V.

70.00 Enter mesa

80.00 Set a four stone 25x15x
 8 ins 18 ins. in the
 ground for Cor. to Dec.
 22. 23. 26 and 27 mark-
 ed with 2 notches on
 S. and E. edges.

T. 22. N. R. 16 E. G. & S. R. M.

Ch.

and raised a mound of
 stone alongside
 Pits supra the
 Surface rough and rocky
 Soil 4th rate
No grass. no vegetation

East on a random line
 bet. Secs. 28 and 26

Va. $120^{\circ} 80' E$.

4000 D would vary gradually
 8052 Set temporary 1/4 Sec. Cor.

Intersect N. and S.
 line 54 links S. of

the Cor. to S. 1/4.

23.24. 25 and 26 which

thence I run S. 89°

$37' N$. on a true

line bet. Secs. 28 & 26

with same var.

T. 22. N. R. 16 E. G. & S. R. M

Chs.

40.26

Deposited a marked stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. dug pits 18 x 18 x 12 ins. \odot and ω . 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 \odot pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked $\frac{1}{4}$ S. on ω face.

80.52 The Cor. to Secs. 22, 23, 26 & 27

Surface nearly level
Soil 3rd. sub
Gauging fair

North bet. Secs. 22 & 23

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

Descend gradually

40.00

Set a Gualt stone, $15 \times 10 \times 12$ ins., 10 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on ω face, dug pits 18 x 18 x 12 ins. \odot and ω of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base. alongside.

60.00

Leave mark and descend

T. 22. N. R. 16 E G. & S R. M

Ch.

70.00

Wash 20 links with Co.
S. 70° N. record

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 14, 15, 22 + 23 marked T. 22 N. S. 14 on N. E. R. 16 E, S. 23 on S. E, S, 22 on S, W, and S, 15 on N, W, face, with 8 notch on S, and 2 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base. around post.

Land very gently rolling
Soil about 3rd. and 4th rate
Grazing moderate
Fence stows on S. half.

East on a random
line bet. Secs. 14 and 23
Va. 130° 05' E.

2576

Record gradually
Wash Co. S. 80° N. record

T. 22. N. R. 16 E. G. & S. R. M

Chs.

40.00

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

80.13

Intersect E. and S.

line 46 links S. of
the Cor. to Secs. 13, 14,23 and 24 thence @
run S. $89^{\circ} 40'$ W. on a
true line bet. Secs.

14 and 23 with same ca.

40.00

Deposited a marked stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. dug pits 8 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.

80.13

The Cor. to Secs. 14, 15, 22 & 23

Land gently rolling
Soil 3rd. rate

Tolerably sandy

T.22. N. R 16 E G. & S R M

Chs.

North bet. Secs. 14 and 15
Va. 18° 30' E.

Ascend gradually

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 flint stone 20 x 16 x 14 ins. 15 ins. in the ground for Cor. to Secs. 10, 11, 14 and 15. Marked with 4 notches on S. and 2 notches on E. edges. and raised a mound of stone alongside. Set in fraction the land getting rolling. Set every 3rd rate

24

T.22.N.R 16 E G. & S R M

Ob.

East on a road on line
bet. Secs. 11 and 14
Va. 18° 30' E.

Proceed

40.00

Set temporary 1/4 Sec. Cor.

68.50

Top of ridge bet. N. 60° W.
and S. 60° E. and proceed

79.00

Intersect N. and S. line
22 links S. of the Cor.

to Secs. 11, 12, 13 and 14

thence I run S. 89°

57' N. on a true line

bet. Secs. 11 and 14

with same va.

99.80

Set a flint stone

16x10x4 ins 11 ins. in

the ground for 1/4 Sec. Cor.

marked 114 on N. face

and raised a mound

of stone along side

T. 22. N. R. 16 E. G. & S. R. M

Ch.

79.60 Pits unpracticable
 They Cor. to Secs. 10, 11, 14 & 15
 Surface rough and rocky
 2nd 3rd. to 4th rate
 Little or no vegetation

North pt. Secs 10 and 11
 Va. 12° 00' E.

Oband

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 $3\frac{1}{4}$ 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.

45.12 Top of ridge to
 S. 60° W. and
 S. 60° E. and Diced

T. 22. N. R. 16 E G. & S R M

Chs.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 2, 3, 10 and 11, 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. 22st. S. 2 on N.E. R. 16 E. S. 11 on S.E. S. 10 on S.W. and S. 3 on N.W. faces, with 5 notch 6 on S, and 2 notch 10 on E edges.

Surface rough and rocky
Soil 3rd. and 4th rate
Little or no grass

East on a random line
bet. Secs. 2 and 11

Va. 13° 40' E.

Dequad.

40.00
79.73

Put temporary 1/4 Sec. Cor.
Intersect Pt. and S
line 4 2 links S. of.

T. 22. N. R. 16 E. G. & S. R. M

Chs.

the Cor. to Secs. 1, 2, 11 and 12
thru & run S. $89^{\circ}42'$ W.
on a true line bet.
Sec. 2 and 11 with same $\frac{1}{4}$ S.

39.86

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 $5\frac{1}{2}$ 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 $\frac{1}{4}$ S.
face.

79.70

The Cor. to Secs. 2, 3, 10 & 11
Surface rough
Pits or no grass
Set 3rd. and 4th. marks

North on a rounded line
bet. Secs. 2 and 3
Va. $100^{\circ}40'$ E.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
50.18 Entered S. boundary

T. 22. N. R. 16 E G. & S R M

Chs.

of the township 15 lvs E,
of the Cor. to Secs. 2, 3, 34,
and 35 which was recently
established by me,
thru a road S 0° 6' E,
on a true line bet. Secs.
2 and 3 with same co.

40.18

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.

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

Land greatly rolling
Soil 3rd. rate
Good grass

John Mahon Commissioner
Nov. 11th 1852.

T. 22 N. R. 16 E G. & S 10 M

Ch.

From the Cor. to Secs.
34, 33 and 34 on the
S. Boundary of the
Township recently established
by me. I have
North set. Secs. 33 and 34
Va. 18th 80th '2

Proceed

4000

Set a *lime* stone, 6 x 12 x 7 ins., 11 ins.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N.
face, dug pits 18 x 18 x 12 ins. of J. 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

Set a *Basalt* stone 20 x 20 x 20 ins., 18 ins. in
the ground for Cor. to Secs. 27, 28, 29 & 34 marked
with / notch on S. and O 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.

Land rough and rocky

T. 22. N. R. 16 E. G. & S. R. M

Ch.

Soil rocky 4th rate
 No grass No sage

East on a random line to

Sec. 27 and 34

Va. $10^{\circ} 31' E$.

Over low mesa

40.00 Set temporary $1/4$ Sec. Cor.

80.16 Enter and $1/4$ and S. line

17 links N. of the Cor.

to Secs. 24, 27, 34 and 35

then down N. $89^{\circ} 50' W$.

on a true line to Secs.

27 and 34 with same va.

40.08 Set a Lowell stone, $6 \times 10 \times 4$ ins. $1/4$ 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 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.

80.16 The Cor. to Secs. 27, 28, 33 & 34

T. 22. N. R. 16 E G. & S. 1. M

Surface low mesa
 Soil sandy about 2nd rate
 No vegetation

North bet. Sec. 27 and 28
 Va. 130° 30' E.

ascend

25.25 Top of spur bet. S. M.
 and descend

40.00 Set a limestone 30x30
 x10 ins. 22 ins. in the
 ground for 1/4 Sec. Cor.
 marked 1/4 on N. face
 and raised a mound
 of stone along side.

Pit impracticable

40.10 Wash Cr. S. M. ascend
 51.25 Enter plateau
 85.10

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs.
 21.22.27 & 28 marked T. 22 N. S. 22 on

T. 22. N. R. 16 E. G. & S. R. M.

Cho.

N. E. R. 10 E. S. 27 on S. E. S, 28 on
S, W, and S, 21 on N, W, faces with 2 notch
10 on S, and 8 notch 4 on E. edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft. high. 4½ ft.
base. around post.

South of Cho. rough and rocky
North of Cho. level plateau
Soil 3rd. rate

Good grass

East on a sandstone line
bet. Secs. 22 and 27
Va. 130° 30' E.

Over level mesa

40.00 Set temporary 1/4 Sec. Cor.
79.76 Quarter sect N. and S. line
23 links N. of the line
to Secs. 22, 26 and 27
thence I run N. 89° 50' W.
on a true line bet.

T. 22. N. R. 16 E. G. & S. R. M

Chs -

Secs. 22 and 27 with
same va.

3988

Set a limit stone, 10 x 10 x 4 ins., 10 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on *N.* face, dug pits 18 x 18 x 12 ins. *O.* 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.

7970

The Cor. to Secs. 21, 22, 27 and 28

Sand level mesa
Soil 3rd. rate few stones
Good grazing

North bet. Secs 21 and 22
Va. 101° 01' E.

Over level mesa

4000

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

T. 22. N. R. 16 E. C. & S. R. M

Ch.

8000

Set a *level* stone $4 \times 8 \times 6$ ins, 9 ins. in the ground for Cor. to Secs, 16, 16.21 & 22 marked with 4 notch on S. and 3 notch on E. edges, dig pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Surface level mesa
Soil 3rd. rate
Good grazing little sage

East on a random line
ht. Secs. 16 and 22

Var. 10° to 25° C.

As would gradually

- 150 Enter mesa
20.88 High Co. N. 10° N. round
40.00 Set temp. avg. 14 Dec. Co.
58.25 Wash. Co. N. 53° N.
79.93 Enter st. N. and S. line
13 links S. of the Cor.

T. 22 N. R. 16 E G. & S R M

th.

- to Secs. 14, 15, 22 and 23
thence I run S. $89^{\circ} 54'$ W.
on a true line to Secs.
15 and 22 with same ca.
- 7996 Set a basalt stone $16 \times 12 \times 7$
ins. 11 ins. in the ground
for 14 Sec. Co. marked
114 on N. face and
raised a mound of
stone alongside.
Pit impracticable
- 7999 The Co. to Secs. 15, 16, 21 and 22.
Land rolling
Soil 3rd rate
Good grass
-
- North to Secs. 15 and 16
Th. $18^{\circ} 30' E.$
Dwound

T. 22. N. R. 16 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.

65.20 Wash 95 links wide
 Co N. 85° W.

8000 Set a flint stone 18 x 14 x 18 ins. 12 ins. in the ground for Cor. to Sec. 9. 10. 15 and 10 marked with 4 notches on S. and 3 notches on E. edges and raised a mound of stone alongside.
 Pits impracticable
 Surface rolling
 Set end. to 4th rate
 Light grass

T. 22. N. R. 16 E. G. & S. R. M

Chs.

East on a random line
bet Secs. 10 and 15
Va. $180^{\circ} 30' E.$

Proceed

40.00 Set temporary 1/4 Sec. Cor.

80.19 Intervent. N. and S.

line 26 links S. of
the Co. to Secs. 10, 14
and 15 thence I run
S. $89^{\circ} 49' N.$ on a true
line bet. Secs. 10 and
15 with same va.

40.10

Set a flat 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 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.

80.9

The Co. to Secs. 9, 10, 15 & 16
Surface rolling
Soil 3rd. to 4th. rate
Sight grass

T. 22. N. R. 16 E. G. & S. R. M

Chs.

North lot. Sec. 9 and 10

Va. 13° 40' E.

Acres

40.00

Set a flint stone 16x14x8
ins. 11 ins. in the ground
for 44 Sec. Cor. mark it
114 on N. face. and raised
a mound of stone
along side. ~~Not~~ impracticable

500.0

Deposited a marked stone 12 ins. in the
ground for Cor. to Secs. 7, 9 and 10, dug pits
18 x 18 x 12 ins. in each Sec. 5 ft. dist. and
raised a mound of earth 2 ft. high 4 ft. base
over it. In S. E. pit drove a stake 2 ins. sq. 2
ft. long 12 ins. in the ground marked T. 22 N.
S. 9 on N. E., R. 16 E. S. 10 on S. E. S. 9
on S. W. and S. 4 on N. W. faces, with
F notch ∞ on S, and 9 notch ∞
on E edges.

Surface rolling

Soil 3rd. rate

Light. grass scattering oak brush

T. 22. N. R. 16 E. G. & S. R. M

Chs.

East on a random line
bet. Secs. 3 and 10
Va. $18^{\circ} 45' E.$

Ascend

40.00

Set temporary $1/4$ Sec. Cor.

57.00

Top of ridge bet. $N. 50^{\circ} W.$
and $E. 50^{\circ} E.$ and descend

80.26

Entered $N.$ and $S.$ line
26 links $N.$ of the Cor.

to Secs. 2, 3, 10 and 11

thence E run $N. 59^{\circ} 49' W.$
on a true line bet. Secs.
3 and 10 with - same va

40.13

Deposited a marked stone 12 ins. in the
ground for $1/4$ 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 $1/4$ S. on $N.$
face.

80.13

The Cor. to Secs. 2, 4, 9 and 10

T. 22. N. R. 16 E G. & S R M

Chs.

Surface rolling
 Soil 3rd. rate
 Light grass scattering sagebrush

North on a random line
 bet. Secs 3 and 4
 Va. $18^{\circ}40'$ E.

Ascend gradually

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 80.05 Abstract A. found any
 of the Township 22 books
 E. of the Cor. to Sec.
 3.4. 33 and 34 which was
 recently established by me.
 Then I ran $80^{\circ}9'$ E.
 on a true line bet. Secs
 3 and 4 with same var.

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

T. 22. N. R. 16 E. G. & S. R. M

Chs.

it. in *A.* pit drove a stake 2 ft. long 2 ins.
sq. 12 ins. in the ground marked $\frac{1}{2}$ S. on *A.*
face.

8000- The Cor. to Sec. 3, 4, 9 and 10

Surface rolling
Soil 3rd. rate

Light grass scattering sage
brush

I carefully examined
the adjustments of my
Sells Compass & today
particularly the latitude
and reversing apparatus
and found them correct.

O. D. Wheeler Nov. 27th 1892

42

T. 22. N. R. 16 E. G. & S. R. M

Chs.

From the Cor. to Secs.
 4, 5, 32 and 33 on the
 S. Boundary of the
 township recently established
 by me. I run
 North bet. Secs. 32 and 33
 Va. $12^{\circ} 30' E.$

70
 85.00
 40.00

Over almost level land
 Wash 20 links wide Co. S. W.
 Begin to ascend

Set a lime stone, $14 \times 12 \times 8$ 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. 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.

72.81
 80.00

Proceed gradually
 Set a lime stone $15 \times 10 \times 5$ ins., 10 ins. in
 the ground for Cor, to Secs. 28, 29, 32 & 33 marked
 with \diagup notch on S. and \diagdown 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.

T. 22. N. R. 16 E G. & S R M

Ch_E
 South half nearly level
 Some grass, N. half rolling
 grazing limited
 Some sagebrush and cacti
 Soil 4th rate

① act on a random line
 bet. Secs. 28 and 33
 Va. $10^{\circ} 30' E$.

Decend

- 2.75 Decend gradually
 10.75 Enter high flat land
 40.00 Set trap near 1/4 Sec. 33.
 57.15 Walk 15 links wide Co. S.
 80.02 Contract N. and S. line
 11 links N. of the Cor.
 to Secs. 27, 28, 33 and 34
 thence I run $N. 89^{\circ} 55' W$.
 on a true line bet. Secs.
 28 and 33 with same va.

44

T. 22. N. R. 16 E. G. & S. R. M

Chs.

40.01 Set a small stone $20 \times 20 \times 15$ ins. 15 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked 14 on N. face and raised a mound of stone alongside. Pits impracticable

40.02 The Cor. to Sec. 28, 29, 82500
Land nearly level
Soil about 4th rate very rocky
No grass

North bet. Sec. 28 and 29
Var. $130^{\circ} 30' E.$

40.00 D winding over rocky spurs.
Mach 20 links wide lvs. S.W.

40.00 acced
Set a lime stone, $14 \times 12 \times 8$ ins., 9 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N. face, Aug pits $18 \times 18 \times 12$ ins. S. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth 14 ft. high. $3\frac{1}{2}$ ft. base. alongside.

T. 22. N. R. 16 E. G. & S. R. M

ls.

000 Pop of spur hrs. hrs. E. and N.
 and descend

5000 Set a limestone 25x20x20
 ins. 19 ins. in the ground
 for Cor. to Sec. 20, 21, 28
 and 29 marked with -
 2 notches on S. and
 4 notches on E. edge. and
 raised a mound of stone
 along side. Pit impracticable
 Surface rough and rocky
 Soil 4th rate
 No grass

East on a random line
 bet. Secs. 21 and 28
 Va. 150 30' E.

Ascend
 Enter plateau

1.35
 40.00

Set temporary 1/4 Sec. Cor.

T. 22. N. R. 16 E. C. & S. 16 M

Chs.

54.40 Near head of creek W. of
10 links W. side

80.11 Entered at N. and S. lines
8 links S. of the Cor.
to Secs. 21, 22, 27 and 28
thru a run S. 89° 07' N.
on a true line bet. Secs.
21 and 28 with same run.

40.05 Set a lime stone, $15 \times 9 \times 4$ ins., 10 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.

80.11 The Cor. to Secs. 20, 21, 28 & 29
Land level
Good grazing on plateau
Soil Brn. rate
Some sage brush

T. 22. N. R. 16 E. G. & S. R. M

Cho.

North lot. Sec. 20 and 21
Va. 13th 28th E.

Descend

47.75 Head of wash Co. S. N.

ascend gradually

18.00 Enter plateau

49.00 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.

67.05 Wash Co. N. E. ascend

80.00 Set a limit stone 20 x 20 x 10

ins. 15 ins. in the ground

for Cor. to Secs. 16, 17,

20 and 21 marked with

3 notches on S. and 5 notches

on E. edges. and raised

a mound of stone

T. 22. N. R. 16 E. G. & S. R. M

Chs.

alongside. Pits impracticable
 Sand nearly level
 Soil 3rd. rate
 Good grass

Cast on a rounder line
 bet. Secs. 16 and 21
 Va. $13^{\circ} 30' E$.

Descend

- 11.42 Wash Co. N.E. continue to descend
 86.28 Wash Co. N.W. ascend
 4000 Set temporary 14 Sec. Cor.
 51.37 Enter snow
 79.75 Enter road N. and S. line
 13 links S. of the Cor.
 to Secs. 15, 16, 21 and 22
 thence I run S.
 $89^{\circ} 54' N$. in a true
 line bet. Secs.
 16 and 21.

T. 22. N. R. 16 E. G. & S. R. M.

Cis.

with same car.

39.85 Set a limestone 20 x 20 x 20
 ins. 15 ins. in the ground
 for 114 Sec. Co. marked
 114 on S. face and
 raised a mound of
 stone alongside.
 Pk. unpracticable

79.75 The Cor. to Sec. 15, 16, 21 & 22
 West part rough
 East half level mesa
 Good grazing little sage.

North bet. Sec. 16 and 17
 Va. 13° 30' E.

D mound

3800 Wash 50 links wide
 Co. N. 60° W.

4000 Set a flint stone
 14 x 8 x 6 ins. 9 ins. in

58

T. 22. N. R. 16 E. G. & S. R. M

the ground for 114 Sec. Cor.
marked 114 on N. face:
and raised a mound
of stone alongside.

Pit impracticable

78.00 Mark 125 links wide Cor. N.
mound

80.00 Set a flint 16 x 8 x 4 ins.
11 ins. in the ground
for Cor. to Secs. 8, 9, 16 and 17
marked with 4 notches on
S. and E. edges, and
raised a mound of stone
alongside. Pit impracticable

Surface broken

Soil 4th rate

St. grass

T. 22. N. R. 16 E. G. & S. R. M

East on a random line
 bet. Secs. 9 and 16
 Va. $13^{\circ}45' E.$

Ascend

4000 Set temporary 14 Sec. Cor.
 7981 Outcrop N. and S.
 line 23 links N. of
 the Cor. to Secs. 9, 10, 16
 and 16 thence E. on
 N. $89^{\circ}55'$ on a true
 line bet. Secs. 9 and 16
 with same Va.

3990 Set a flint stone $14 \times 8 \times 6$ ins.
 9 ins. in the ground
 for 14 Sec. Cor. marked
 14 on N. face; and
 raised a mound
 of stone along side.
 Pit: unpracticable

7981 The Cor. to Secs. 8, 9, 16 and 17

T. 22. N. R. 16 E. G. & S. 1 M

Chs.

Land rolling
Soil 3rd. to 4th row
Light grave

North pt. Sec. 8 and 9
Va. 13° 45' E

Drum

40.00

Set a flint stone 16 x 10 x 4
ins. 11 ins. in the
ground for 14 Sec. Cor.
marked 14 on N. face
and raised a mound
of stones along side,

Pits unpracticable

+8.55

Mark 55 links wide Co.
S. 85° W. mound

80.00

Set a flint stone 16 x 8 x 4
ins. 11 ins. in the
ground for Cor. to Sec.
4, 5, 8 and 9

T. 22 N. R. 16 E. G. & S. R. M

marked with 5 notches
 on S. and 4 notches
 on E. edges; and raised
 a mound of stones
 along side. Pit impracticable
 Surface rough and rocky
 S. of 4th cut
 Very little grass

East on a true line
 bet. Secs. 4 and 9.

Va. $13^{\circ}40' E.$

Opened gradually

4000 Set temporary 1/4 Sec. Cor.

8520 Entered E. and S. line

38 links S. of the Cor.
 to S. 100, B. 4, 9, and 10

thence @ run S. 89°

$44' N.$ on a true line

bet. Secs. 4 and 9

T.22. N. R. 16 E C. & S. 1. M.

Chs.

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 N. face.

80.20

The Cor. to Secs 4, 5, 8 and 9
 Surface rough and rocky
 Soil 4th rate
 Very little grass

North on a random line
 bet. Secs. 4 and 5

Ta. $13^{\circ}40' E.$

Cross level land.

35.00

Wash 10 links wide
 Co. S. N.

40.00

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

79.98

Outpost N boundary

T. 22. N. R. 16 E. G. & S. R. M

Chs.

of the township 12 bu. line
 N. of the Cor. to Sec.
 4.5. 32 and 33 which
 was recently established
 by me. Thence S
 80° 5' N. on a
 true line bet. Secs.
 4 and 5 with same ca.

89.95

Deposited a marked stone 12 ins. in the
 ground for $\frac{1}{4}$ Sec. Cor. dug pits 8 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 $3\frac{1}{4}$ 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.

79.95

The Cor. to Secs. 4, 5, 8 and 9
 Surveyed nearly level
 Soil 3rd. to 4th rate
 Light grass
 True Mahan Cross pass over
 Nov. 13th 1882.

T. 22. N. R. 16 E. G. & S. R. M

Chs.

From the Cor. to Secs,
5, 6, 31 and 32 on the South
Bound. of the township
recently established by me
from North 1st,
Secs. 31 and 32
Va. 18th 35th E.

Dug gradually

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.

45.27

Dug gradually

80.00

Set a ~~low~~ stone $50 \times 20 \times 10$ ins., 22 ins. in
the ground for Cor. to Secs, 29, 30, 31 & 32 marked
with / notch on S. and 5 notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

T.22. N. R 16 E G. & S R M

Ch.

Land gently rolling
Soil about 3rd. rate
Good grazing some sage.

East on a random line
bet. Secs 29 and 32

Va. 130° 30' E.

Acres

4.00
64.88
79.68

Set Temporary 1/4 Sec. Cor.
Wash. Co. S. 53° N.

Acres

Quarant N. and S.
line 56 links S. of
the Cor. to Secs 25,
29, 32 and 33 thence I
run S. 89° 36' N. on
a true line bet Secs.
29 and 32 with
same or

T.22. N. R. 16 E G. & S R M

Chs.

8984

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

79.68

Thy Cor. to Secs. 29, 30, 31 and 32.
 Sand rolling
 Soil about 4th water
 gravelly
Grazing moderate

C. D. Wheeler Nov. 14th 1882.

Most of a random line
 bet Secs. 30. Aug 31

Do Va. 13° 30' E.

10.27

Descend gradually
 Wash Cor S. N.
 Continue to descend

40.00

Set temporary 1/4 Sec. Cor.

88.43

Do to set N. bound.

T.22 N. R 16 E G. & S R M

Chs.

of the Township 37 links
E. of the Cor. to Sec.
25. Co. 31 and 36 which
was recently established
by me. thence I run
St. 89° 44' E. on a
true line bet. Secs.
30 and 31 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, dig 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.

80,43

Thy Cor. To Secs. 22, 23, 31 & 32
Layd rolling
Soil Exp. note
Good gauging
John Mahon Comptroller
November. 14" 1882

60

BOOK 430

T. 22. N. R. 16 E. G. & S. R. M

BOOK 430

Chs.

North Mt. Secs. 29 and 30
Va. 13'30"E.

Descend

10.95 Wash. Co. S. M. ascend

20.20 Descend gradually

30.70 Enter petrified cottonwood forest

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.

44.83 face. Wash. Co. M. and ascend

70.00 Leave petrified forest.

70.00

Set a line stone $4 \times 10 \times 4$ ins, 9 ins. in
the ground for Cor. to Secs, 19, 20, 29, 30 marked
with notch on S. and 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.

Sand rolling Soil Exp. rate

Grazing fair little sagebrush
Vast amount of petrified cottonwood

T. 22. N. R. 16 E. G. & S. I. M

Ch.

East on a random line
bet. Sec. 20 and 29
Va. 130° S. 07 E.

Ascending over rolling ground

- 10.11 Descend gradually
0.20 Nash Co. S. M. ascend
7.28 Top of butte bet. N. and S.
and descend
40.00 Set temporary $1/4$ Sec. Cor.
10.80 Nash Co. S. M. ascend
9.90 Enter out N. and S.
line 30 links S. of the
Cor. to Secs. 20, 21, 28 &
29 thence I run S.
 $89^{\circ}47'$ N. on a true line
bet. Secs. 20 and 29
with same Va.
39.95 Set a sandstone $4 \times 10 \times 4$
ins. 9 ins. in the ground
for $1/4$ Sec. ~~line~~
marked $1/4$ on N. face

T. 22. N. R. 16 E. G. & S. R. M

Chs.

and raised a mound of
stone along side.

Pits unpracticable

1990

Set Cor. to Secs. 19, 20, 29 & 30
Land rough and rocky
Soil at the rate of
Surface rolling

Met on a sand on line
bet. Secs. 19 and 30

Va. 130° 30' E.

D mound gradually

1000

Set temporary 1/4 Sec. Cor.

19.20

Mark 20 links wide Cor.
S. 50° W.

10.07

Relevant N. found. of
the low rock 12 links
N. of the Cor. to Secs
19, 24, 25 and 30 which
was recently established
by me. Hence I run

T. 22. N. R. 16 E. G. & S. 1. M.

Chs.

N. $89^{\circ} 55'$ E. on
a true line bet. Secs,
19 and 20 with same or.

0.07

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

0.07

The terr. to Secs 19, 20, 29 & 30
Surfau rolling
Soil 3rd. rate
Good grass

John Mahon

North bet. Secs 19 and 20

Va, $130^{\circ} 31' E.$

Second ground gradually.

34.80

Mark Co. S. $71^{\circ} N.$

second gradually

0.00

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

64

BOOK 430

T. 22. N. R. 16 E. G. & S. R. M.

Chs.

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.

57.80

Wash Co. S. W.

74.31

Top of butte hrs. W.

78.04

Begin to descend from butte

80.00

Set a limestone 20 x 18 x 8
ins. 15 ins. in the ground
for Cor. to Secs. 17, 18, 19 and 20
marked with 3 notches on
S. and 5 notches on E.
edges, and raised a
mound of stone alongside
Pit unproductive

The main part of this
ranch is gently rolling land
with good grazing
Some sagebrush

North 15 Chs. more rough
Soil about 4th rate

T. 22 N. R. 16 E. G. & S. 1. M

Chs.

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

Descend

4000
80.28 Set temporary 1/4 Sec. Cor.
Intersect N. and S.
line 24 links N. of
the Cor. to Secs. 16, 17,
20 and 21 thence S
run N. $89^{\circ} 55' N$. on a
true line bet. Secs.

17 and 20 with same va.

40.14 Set a plint stone
18x14x4 ins. 12 ins. in
the ground for 1/4 Sec.
Cor. marked 1/4 on
N. face and raised
a mound of stone
alongside. ~~Not~~ impracticable

80.28 The Cor. to Secs. 17, 18, 19
and 20

T. 22. N. R. 16 E C. & S. R. M

Chs.

Surface rolling
Soil 4th rate
Good grazing

U. D. Wheeler Nov. 14th 1882

Met on a sand on line bet.
Secs. 18 and 19

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

Descend abruptly

Foot of gentle center level bottom

Set temporary 44 Sec. Cor.

Entered N. boundary

of the township 15 links

S. of the Cor. to Secs.

18, 19 and 24 which

was recently established

by me. Thence I

run $S 89^{\circ}54' E.$ on

a true line bet Secs.

18 and 19 with same va.

85.0
40.00
79.02

T. 22 N. R. 16 E. C. & S. R. M.

Chs.

99.62

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

7962

The Cor. to Sec. 17, 18, 19 & 20
East ten chains rough
and rocky no grass.
Rest of time level
or very gently rolling
grazing good little sage
No water
Soil 2nd. and 4th rate
John Mahon Nov. 14th 1882.

North bet. Secs. 17 and 18
Va. 13° 30' E.

Droved

20.30

35.80

Foot of hill droved gradually
Wash 20 links wide

68

BOOK 430

T. 22. N. R. 16 E. C. & S. R. M

Chs

40.00

Co. S. M. continue to descend

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.

78.85

Enter wash Co. S. 80° St.

80.00

Set a limestone 20 x 20 x 12 ins. 15 ins. in the ground for Cor. to Sec. 7. 8. 17 & 18 marked with 4 notches on S. and 5 notches on E. edge. and raised a mound of stone along side. Pits deep & rockable. Dr. 20 Chs. rough and rocky no grass no vegetation. Remainder of line pretty rolling grazing

T. 22. N. R. 16 E. C. & S. 1. M.

Chs.

land with considerable
sagebrush.

A. dry creek or wash
runs through the N. part.
S. half soil 4th rate
N. half soil 3rd rate

East on a random line
bet. Secs. 8 and 17

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

Start in wash Co. S. $80^{\circ} N.$

1.01 Leave wash Co. S. $80^{\circ} N.$

39.75 Wash 20 links wide
Co. N. $20^{\circ} N.$

40.00 Set temporary 1/4 Sec. Cor.

80.12 Enter sec. N. and S.
line 16 links S.
of the Cor. to Sec.

89.16 and 17 then I
run S. $89^{\circ} 53' N.$

on a true line bet. Secs.

T. 22. N. R. 16 E. C. & S. R. M.

Chs.

Sand 17 with same ca.

48.06

Set a lime stone, $14 \times 10 \times 6$ 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 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.

80.12

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

Sand rolling

Soil 4th rate

Little grass O.D. Muler

Met on a random line bet. Secs 7 and 18

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

A very gradual descent

Wash 20 links wide

Co. S.E.

19.70

40.00

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

79.53

Intersect N. boundary of the township 28 links S. of the Cor. to

T.22 N.R.16 E.C. & S.1.M

Obs.

Sec. 7, 12, 13 and 18
recently established by me.
thru S. on S.
89° 48' E. on a true
line bet. Secs. 7 and 18
with same "V".

3953

Set a lime stone 20 x 10 x 10 ins. 15 in.
in the ground for 1/4 Sec, Cor, marked 1/4 on N.
face, dug pits 18 x 18 x 12 ins. E. and W.
of stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base. alongside.

7953

The Cor. to Secs. 7, 8, 17 and 18
Land gently rolling
Soil Est. rate
Grazing fair some sage.
John Mahon Nov. 14 1882

North bet. Secs. 7 and 8
Va. 13° 30' E
Start in bed of wash
Leave wash Co. S. 85° W.

400

T.22 N. R. 16 E. C. & S. R. M

Cho.

and ascend
 17.03 Wash Co. S. 10° N.
 continue to ascend
 37.24 Wash 20 bukes wide Co.
 S. N. and ascend
 4000 Set a ~~lime~~ 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. 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 Set a lime stone 4 x 10 x 6 ins., 9 ins. in
 the ground for Cor, to Secs, 5, 6, 7 & 8 marked
 with 5 notch on S. and 5 notch x 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.

Says gently rolling
 Soil Int. rate
 grazing fair
 Good pasture

T. 22. N. R. 16 E. G. & S. T. M.

Ch.

Quet on a random line
bet. Secs. 5 and 8
Va. $18^{\circ} 35' E.$

Ascend

23.70

Top of spur to N.E.
and S. N. and
Descend

40.00

Set temporary 14 Sec. Cor.

52.25

Mark 12 links wide to S. N.

79.97

Distorted N. and S.
line 32 links S.

of the Cor. to Secs. 4, 5,
8 and 9 then down
 $S. 89^{\circ} 46' N.$ on a
true line bet. Secs.

5 and 8 with same va.

3998

Set a flint stone $15 \times 8 \times 4$
ins. 10 ins. in the
ground for 14 Sec. Cor.
marked 14 on N. face
and raised a mound

74

T.22 N. R. 16 E. C. & S. R. M

Chs.

of staves along side.
Pits unpracticable

79.97

The Cor. to Secs. 5, 6, 7 and 8
Surface rolling
Soil 3rd. rate
Very little grass

W. D. Wheeler. Apr. 14th 1882

Met on a random line
bet. Secs. 6 and 7
Va. 18th 85th E.

Discovered

40.00
79.24

Set temporary 1/4 Sec. Cor.
Entered N. boundary
of the Township 22 Ticks
N. of the Cor. to Secs.
1, 6, 7 and 12 which was
recently also found by me
thence I run N. 80^o
51' E. on a true line

T. 22. N. R. 16 E. C. & S. R. M

Ch.

bet. Sec. 6 and 7 will-
 same ca.

3924

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

7924

The Cor. to Secs. 5, 6, 7 and 8
 Surface rolling
 Soil 3rd. to 4th rate
Little grass

North on a rounded
 line bet. Secs. 5 and 6
 Va. $13^{\circ} 95' E.$

4000

7922

Obcord
 Set temporary 14 Sec. Cor.
 Entered N. boundary
 of the township 30
 Chunks E. of the Cor.

Chs.

to Secs. 5, 6, 31 and 32,
which was recently established
by me. Thence I run
S. 80° 14' E. on a true
line bet. Secs. 5 and 6
with same or.

8992

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.

7992

Thence Cor. to Secs. 5, 6, 7 and 8
Surface rolling
Soil. Prod. to 4th rate
Little grass
I carefully examined
the adjustment of
my Star Compass
to-day particularly by
the latitude and

Ch.

REPAIRING apparatus
and found them correct
John Mathew Compressman
Nov. 14th 1882

General Description

The Central and S. E. portions of this township is a nearly level mesa.

The southwestern and southern parts slope gradually towards the river.

The N. W. part is rolling
The S. E. part is somewhat broken

There is a fair growth of grass in most parts of the township, with scattering sage brush
There is a small spring in the N. W. 1/4 of Sec. 16

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 Lines of Sp.
22 North, Range 16 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by O. D. Wheeler

Deputy Surveyor, under his contract of the

day of August, 1882, having been

critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.

J. M. Robinson

Surveyor General.