

Book No. 16.

No-139

Field Notes

OF THE SURVEY OF THE

Subdivision (Quis.)

-OF-

Township *13 N* Range *23 E*

Gila and Salt River Base and Meridian

139

ARIZONA.

By *A. P. Johnson.* D.S.

Under contract dated *July 7th* 1882.

Survey commenced *Dec 21st* 1882.

Survey completed *Dec 23rd* 1882.

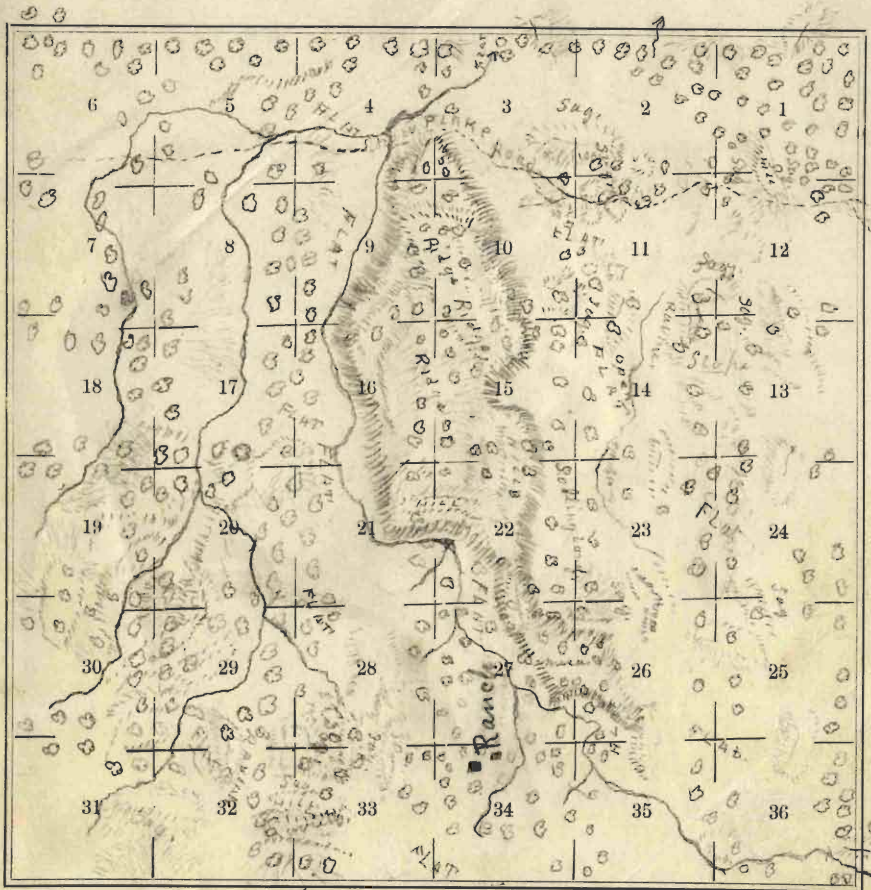
No-139

*copy
of
original
dated*

Township 13 North Range 23 East. M.

1A

Wata and Salt River meadows



BOOK 139

A

BOOK 1789

18

INDEX DIAGRAM.

Township..... 13 N.

Range..... 23 E.

6	77	5	68	4	41	3	28	2	14	1
76		74		54		40		26		13
7	73	8	58	9	39	10	25	11	11	12
72		70		52		37		24		10
18	68	17	51	16	36	15	23	14	9	13
67		66		49		35		22		7
19	65	20	48	21	34	22	21	23	6	24
63		62		47		32		20		5
30	61	29	46	28	31	27	18	26	4	25
60		58		43		30		17		2
31	57	32	45	33	29	34	16	35	1	36

Gila and Salt River, Arizona.

ARIZONA.

No-139
T12. N. R 23 E G & S R M

10

For description of instrument
My preliminary notes see
Book No. 1.

Survey commenced Dec 21st 1882
Survey completed Dec 23rd 1882

Before proceeding to subdivide
this Sp we made a change
of 6 minutes in the latitude
arc of our solar compass by
subtracting same from the
reading previously given.
And at noon verified and
corrected same by observation
on the sun. We also tested instruments
by reversing.

ch's

From the Standard Cor to see
 35^{and} 36 on the south side
 Top recently re-established by
 me.

Draw.

North lot sees 35^{and} 36

by 18° 42' E

Ascend.

40.00

Top of ridge 180 ft. high bears N 60° W
 and descend.

Set a Lead Stone 14 + 14 + 4 ins
 9 ins in the ground for 14
 see cor. marked 14 on W
 face and raised a mound
 of stone along side. Pts.
 Impracticable.

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor. to Secs,
 25, 26, 35^{and} 36 marked T. 13 N. S. 25⁻ on
 N. E. R. 23 E S. 26 on S. E, S, 35⁻ on
 S, W, and S, 26 on N, W, face, with 1 notch

T13. N. R 23 E G. & S. R. M

ch's

on S, and / 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. Broken ^{and} Rocky.
Soil, 34. rate, 9000 foraged
Timber Scatterung Juniper

7189°49'E on a random line bet
secs 25 ^{and} 36.

4.00 Cross sag to N, 4 ascend
40.00 Set a temporary 1/4 sec cor
43.00 Top of hill 75 ft high bears
720° E
62.00 Cross sag to N 15° E.
80.56 Intersect. E. Body of T¹
8 lks S of cor to secs 25:
30. 31 ^{and} 36. which is.

T13. N. R 23 E G & S R M

Chs

firmly set in a mound ~~beast~~
 (1) Post 4 in square ~~Property~~
 marked. ~~W~~ notated with pits
 dug in each see 5 1/2 ft - east
 and mound of earth raised
 around Post

Thence Iron

S 89° 46' W on a true line
 bet sees 25⁴⁴ & 36 same rd.

40.28

Set a sandstone 10+10+8 in
 7 in in the ground for 114
 see cor. marked 114 m
 A face and raised a
 mound-stone along side
 Pits impracticable.

80.56.

To cor 20 sees 25 26 36 ⁴⁴ 36
 Sand Rolling
 Soil. 3rd rule
 Timber Scatter on ground

T12 N. R 23 E G & S R M

chs'

North bet sees 26th & 26

to 13° 26' E

5.00

Cross mark to N. 8.

11.00

Top of hill 10 ft high to N. 8.

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 $\frac{1}{4}$ face, dug pits 18 x 18 x 12 ins. $\frac{1}{4}$ and $\frac{3}{4}$ of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft, high. 3 $\frac{1}{2}$ ft. base. around post.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 23-24, 25 & 26 marked T. 13 $\frac{1}{2}$ N. S. 24 on N. E. R. 23 $\frac{1}{2}$ S. 25 on S. E. S, 26 on S. W, and S, 23 on N. W, face, with 2 notches 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. around post.

Sand. Rolling

Soil, 8th rate. Good grazing
Timber. Scattering pines

T12.N.R.23.E.G. & S.R.M

Chs

N 89° 49' E on a random line
bet sees 24^{qu} 25 -
In 13° 57' E

Acres Gradually

40.00

Set a temporary 1/4 sec cor

62.00

Top of hill 20 ft high has N.E.S

80.08

Intersect E Bdy Tp 12 lbs

Top cor to sees 29.24.25^{qu} 30.

which is set firmly in a mound ~~center~~

A post 4 ins square properly
marked and notched with

pits dug in each see 5 1/2
ft dist and mound of
earth raised around post

Then draw

+

S 89° 44' W on a true line bet sees
24^{qu} 25 same as

40.04

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec. Cor,
marked 1/4 S. on W face, dug pits 18 x 18 x 12

T13. N. R. 23 E G & S R M

Chs

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.

80.08

To cor to see's 23-24. 26^{July} 26

Sand. Rolling

Soil; 8th rate. Good grazing
Timber. Scattered Juniper Bush.

North lot see's 23 and 24
to $130.57'$ E

Across flat bears N. E.

18.00 Bear flat bears N. E.

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

62.00 Top of hill 20 ft. high hrs 2125° E
and down

7

BOOK 139

T12. N. R 23 E G & S R M

chs

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 13, 14, 23 ^{and} 24 marked T. 13 N S. 13 on N. E. R. 23 & S. 24 on S. E. S. 23 on S, W, and S, 13 on N. W. face, with 3 notches on S, and 1 notch on E. edges, dug pits 13 x 13 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Land Rolling
Soil. 2nd rate, good grazing
Timber scattered Juniper brush

7189.49' 8 on a random line
bet sees 13 ^{and} 24
In 130.57' E

Access

16.00 Top of hill 35 ft high bears N.E. ^{and} S.W.

40.00 Set a temporary 1/4 sec cor

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

chs

- 58.00 Cross sag Co N 25° E
 79.83 Intersect E Biny Sp. 21
 As N of cor to sees 13, 18
 19th and 24, which is
 A Post, 4 in square firmly
 set in a mound of earth,
 properly marked and notched,
 with pits dug in each see 5 1/2
 ft dist. and mound ^{of earth} raised around
 post.
 Thence I run
 S 89° 58' W, on a true line bet.
 sees 13th and 24, same cor
- 3992 Set a Sand stone, 16 x 10 x 8 ins. // ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on N.
 face, dug pits 18 x 18 x 12 ins. E and 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.
- 79.83 To cor to sees 13, 14, 23rd and 24.
 Sand. Rolling.

ch's

Soil. 2nd rate. Good Fragaria
Timber, Scattering Juniper

North lot sees 13^{and} 14

to 13° 57' 8"

Access slope has E. & W.

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 W 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.

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Secs,
11, 12, 13^{and} 14 marked T. 13 N. S. 12 on
N. E., R. 23 E S. 13 on S. E, S, 14 on
S, W, and S, 11 on N, W, face, with 4 notches
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. around post.

T13. N. R 23 E G & S R M

chs

Supt. Rollins
 Soil. 3rd rate. Good Saguin
 Timber. Scattered Juniper Bush

N 89° 49' E on a random line set
 sec's 12^{and} 13.

on 13° 58' E

descend.

12.50 Cross Sag. Tr's N. 28° E.

40.00 Set a temporary 1/4 sec cor

62.00 Top of hill 30 ft high Tr's N. 30° E

79.50 Intersect B Bony Tr. 9th

Top cor to sec's 7, 12, 13^{and} 18

which is equi square

A Post firmly set in a mound
 of earth, properly marked
 and notched with pits

dug in each sec 5 1/2 ft
 deep and mound of earth
 raised around post

BOOK 139
T13. N. R 23 E G & S. R M

chs

Thence down

S 89° 45' W in a true line
bet sees 12 ^{and} 13. same sd.

89. 75- Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for $\frac{1}{4}$ Sec. Cor,
marked $\frac{1}{4}$ S. on N face, dug pits 18 x 18 x 12
ins. E and W of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
post.

79. 58 To cor to sees 11. 12. 13 ^{and} 14
Saw. Rolling
Soils & all well - good growing
Timber. Scattered Juniper

North bet sees 11 ^{and} 12

at 13° 58' E

Saw timber bears E & W.

9.00 Top of hill 40 ft high bears E & W

27.50 Cross Sag. bears N 15° E
and over rolling prairie

BOOK 139

T13. N. R. 23 E G & S. R. M

Chs

40.00 Set a *Plumb* stone, 10 x 10 x 8 ins., 7 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.

78.60 Snowflake road. Cross *N* *W* *S* *E*

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 1. 2. 11 ⁹/₁₂ marked T. 13 *N* S. 1 on N. E. R. 23 E S. 12 on S. E, S, 11 on S, W, and S, 2 on N, W, face, with 5 notches 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. around post.

Land. Rolling
Soil. sand + silt. calc. good paying
Timber. Scattered Juniper

T13. N. R 23 E G & S R M

Chⁱ

489: 49 E on a random line
Set sees 1 ^{and} 12.

To 13° 50' E

Lesson.

- 10.00 Cross sec. near N,
18.00 Top of hill 22 ft. high ^{see N. 13}
29.00 Cross sec. near N 20° E
40.00 Set a temporary 1/4 sec cor
45.00 Begin scattering timber near
N. 48
80.04 Intersect E Boy Top 15 lbs
1/2 of cor to sees 1, 6, 7 ^{and} 12
which is
A Post 4 in square. set
firmly in a mound of earth
properly marked and marked
with pits dug in each see. 5 1/2 ft dist
an mound of earth raised around
These I run ^{Post}
S 89° 55' N. on a true line set-

T13. N. R 23 E G & S R M

chs

secs 1 ^{and 12} same as

40.02 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 $\frac{1}{4}$ face, dug pits 18 x 18 x 12 ins. E and W of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around post.

80.04 To cor to secs 1, 2, 11 ^{and 12}.
 Sand, Rolling
 Soil, 2nd & 3rd rate Good Spruce
 Timber. Scattered Juniper

North on a random line between
 1st ^{and} 2.

2a 13° 6' 8" E

Over rolling ground.

37.00 Enter timber line N.E. & S.W.

40.00 Set a temporary $\frac{1}{4}$ sec cor

80.15 Interest 21 Bony Sp 48 lbs
 E of cor to secs 1, 2, 35 ^{and} sec.

T13. N. R. 23 E. G. & S. R. M

Chs

- recently re-established by me
 Thence I run
 S 0° 21' E on a true line 1st -
 see's 1 and 2 same as
- 40.15 Set a Flint stone, 10 x 10 x 8 ins., 7 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. A and B
 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.
- 80.15 To cor to see's 1, 2. 81 ^{and} 121
 Land. Rolling
 Soil, 2 $\frac{3}{4}$ rods, good grazing
 Timber. Scattering Juniper

A. P. Johnson

Dec 27th 1882.

I carefully examined the
 adjustments of my solar
 compass to day. particularly
 the latitude and morning

T13 N. R 23 E G. & S R M

chs

aparatus and found them
correct

From the standard bar to
see's 34^{and} 35 on the south Body
of the D.P. recentl^y re-established
by me, Drum.

North lat-see's 34^{and} 35.

Ja 13° 42' E

Desend.

40.00 Set a Sand stone, 20x15x5-ins., 15 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W
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.

49.00 Cross mark to N 13° W and ascend

80.00 Set a Sand stone 20x15x5-ins., 15-ins. in
the ground for Cor, to Secs, 26-27 & 33-35 marked
with 1 notch on S. and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec. 5 $\frac{1}{2}$ ft.

T13. N. R 23 E G & S R M

chs

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

Land. Rolling

Soil, 3rd rate good grazing

Timber: Scattering Juniper.

Y 89° 49' E on a random line
at sees 26 ^{and} 35

to 13° 57' E

100 Cross wash Co. N 40° W

180 Lease scattering ^{timber} N 15° W

and enter flat same bearing

8.50 Lean flat. bears N 40° W

and ascend rocky bluff

40.00 Set a temporary 1/4 sec cor

56.00 Top of hill 340 ft high bears

N 35° W, and descend

70.00 Lean foot of same. N 35° W,

80.72 Intersect N 4 S line 23 lbs

So far to see 25-26.35 ^{and} 36

BOOK 139

T13. N. R. 23 E G. & S R M

Chs

- Thence down
 S $89^{\circ} 39'$ W on a true line bet
 sees 26 ^{and} 35 same as
- 40.36 Set a Sandⁿ stone, $12 \times 8 \times 8$ ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N
 face, dug pits $18 \times 18 \times 12$ ins. E and W
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $2\frac{1}{2}$ ft. base. alongside.
- 80.72 To cor to sees 26 27. 34 ^{and} 35 -
 Sand. Broken
 Soil. 8° calc
 Timber. Scattered Juniper trees
-
- North bet sees 26 ^{and} 27
 on $13^{\circ} 58' E$
- 4.70 Cross mark Co N. $70^{\circ} W$.
- 9.00 Ascend bluff bears N. $69^{\circ} W$.
- 29.00 Top of bluff 300 ft. high bears
 N $69^{\circ} W$.

T13. N. R 23 E G. & S R M

Chs

- 31.00 Leave timber base E + W
- 40.00 Set a sandstone 12 x 10 x 8 in
8 ins in the ground for 7 sec
cor. marked 1/4 in W. face
and raised a mound
stone alongside pits
impracticable
- 48.20 Enter timber base N 65° W
- 53.20 Descend bluff bears N 12 1/2° W
- 74.00 Foot of bluff ^{and} enter
sq. base N 6° W.
- 80.00 Set a sand stone 1/3 x 12 x 4 ins, 8 ins. in
the ground for Cor. to Secs, 22-23-26 2/27 marked
with 2 notch on S. and 2 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.
dist. and raised a mound of earth 2 ft. high.
4 1/2 ft. base. alongside.

Sand. Broken ^{and} Rocky
Soil, 8th sale
Timber. Scattered Juniper wood.

T12 N. R 23 E G & S R M

chs

$\gamma 189^{\circ}.49' E$ on a random line
Intersects 23rd and 26.

Val $13^{\circ}.54' E$

Descent

- 39.00 Cross sag bars $\gamma 125^{\circ} W$.
- 40.00 Set a temporary, 14 sec cor
- 47.00 Ascend Rocky bluff. bars $\gamma 11^{\circ} W$.
- 48.00 Top of same 20 ft high bars $\gamma 11^{\circ} W$.
- 50.00 Top of hill 40 ft high δ 's $\gamma 18^{\circ} E$
- 80.60 Intersect N & S line 15 chs

γ of cor to sees 23-24-25^{and} 26

Thence I run

$\gamma 189^{\circ}.55' W$ on a true line
Intersects 23rd and 26. same val.

- 40.25 Set a Sand stone, $14 \times 12 \times 6$ 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.

80.60 To cor to sees 22-23-26^{and} 27.

BOOK 139
 T13. N. R. 23 E G. & S R M

chs

Sand Rolling ^{and broken}
 Soil. 3rd rule Good grazing
 Timber. Scattering Juniper.

North It sees 27 ^{and 23}
 2013:57'8
 Over rolling ground.

40.00

Set a Sand stone, 12 x 8 x 6 ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on W
 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.

80.00

Set a Sand stone 16 x 8 x 4 ins., 10 ins. in
 the ground for Cor, to Secs, 14, 15, 22 ^{marked}
 with 3 notches on S. and 2 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft, high.
 4 $\frac{1}{2}$ ft, base. alongside.

Sand-Rolling
 Soil. 3rd rule Good grazing

T13. N. R. 23 E. G. & S. R. M.

Chs

Pinker. Scattering Juniper Bush

\backslash 89° 49' E on a random line
 bet sees 14^{and} 23.

to 13°-57' E

7.00 Cross gulch to \backslash 15° E. 75 feet

10.00 Top of Rocky bluff, 25 ft high
 bears N. V. S

40.00 Set a temporary $\frac{1}{4}$ sec cor.

68.00 Top of hill 48 ft high br's \backslash 15° E

80.08 Intersect \backslash N. V. S line 8 lbs \backslash N
 of cor to sees 13, 14, 23, ^{and} 24.

Thence, Iron.

S 89° 53' W on a true line bet
 sees 14^{and} 23. same rd

40.04 Set a Sand stone, 14 x 12 x 6 ins., 9 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on \backslash
 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.

T13. N. R 23 E G & S R M

chs

80.08

To cor 20 sec's 14, 15, 22^{and} 23

Agred. Rollins:

Soil. 500 rods; Good grazing

Timber. Scattered Juniper

North lot-sec's 14^{and} 15 -In 13^o 15^o E

Gradually descend

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 W face, dug pits 18 x 18 x 12 ins. M and P of post 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around post.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 10, 11, 14^{and} 15 marked T. 13 N S. 11 on N. E. R. 23 E S. 14 on S. E. S, 15 on S, W, and S, 10 on N, W, face, with 4 notch ∞ on S, and 2 notch ∞ on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist.

T13. N. R 23 E G. & S R M

chs

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

Land. Rolling ^{and} broken
Soil $2\frac{1}{2}$ to $3\frac{1}{2}$ ft. deep. Good grazing
Timber Scattered Juniper

$N 89^{\circ} 49' E$ on a random line bet
sees 11 ^{and} 14.

to $13^{\circ} 57' E$

9.60

cross sag. grass $N 15^{\circ} E$

25:00

Top of hill 15 ft high grass
 $N 25^{\circ} E$.

39.55

cross wash Co N. E.

40.00

Set a temporary $\frac{1}{4}$ sec cor

45:00

cross range Co $N 10^{\circ} W$ ^{to base}

56.00

Top of hill 45 ft high grass
 $N 22^{\circ} W$. and Sags timber

79.74

Intersect N & S line 28 chs
So of cor to sees. 11, 12, 13 ^{and} 14

T13. N. R 23 E G & S R M

chs-

Thence Iron

S 89,° 37' W on a true line 1st
secs 11 ^{and} 14 same ~~at~~

39.87 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 $\frac{1}{4}$ face, dug pits 18 x 18 x 12
ins. E and W, of post 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
post.

39.74 To cor 2^o secs 10, 11, 14 ^{and} 15 -
Sand. Rolling.
Soil, ~~and~~ ^{and} ~~rule~~ ^{rule}. Good grazing
Timber scattered ~~jump~~

North 1st secs 10 ^{and} 11

In 13° 56' E

On rolling knolls

40.00 Set a Sand stone, 14 x 12 x 4 ins., 9 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on $\frac{1}{4}$
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

T13. N. R 23 E G. & S R M

Ch's

1½ ft. high. 3½ ft. base. alongside.

47.6's Cross flat,
78.62 Cross snowflake Road.
Bears N 60° W. & S 60° E

80.00 Set a sand stone 18x2x4 ins, 12 ins. in
the ground for Cor. to Secs, 2-3. 10^{and} 11 marked
with 5 notches 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.
4½ ft. base. alongside.

Land. Rollins

Soil 2nd & 3rd rate good prairie
Timber. Scattered Juniper

N 89° 49' E. in a random line
bet. sees 2nd & 11.

Pa 13° 58' E

7.00 Cross sag. bears N.

40.00 Set a temporary 1/4 sec cor

T13. N. R 23 E G & S R M

Chs

68.50

Top of hill 40 ft. high. Grass
N. 43

79.95

Internal N 1/2 S line 17 lbs
N of cor to sec's 1, 2, 11 and 12

Fence 2 runs
S 89° 55' W on a ~~true~~ line
bet. sec's 2 and 11 same W

89.98

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

99.95

To cor to sec's 2, 3, 10 and 11.

Sand, Rolling.

Soil, 8th rate.

Timber Scattered Juniper

T13. N. R. 23 E. G. & S. R. M.

Chs

North on a random line bet.
secs 2nd & 3.

to 13° 37' E.

- 19.00 Top of hill 20 ft high bet 1/4 Sec. 2 & 3.
- 40.00 Set a temporary 1/4 sec cor
- 44.50 Cross sag across N.W.
- 52.00 Top of bluff 8 ft high bet 1/4 Sec. 2 & 3.
- 80.40 Intersect N. B. by Twp. 36 Ch
East of cor to secs 2, 3, 34th & 35th
recently re-established by me
Thurs down.
- So. 15' E. on a true line bet secs
2nd & 3. same cor.
- 40.40 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for 1/4 Sec, Cor,
marked 1/4 S. on W face, dug pits 18 x 18 x 12
ins. N and S of post 5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around
post.
- 80.40 To cor to secs 2, 3, 10th & 11.
Sans. Polkies

T13. N. R. 23 E G & S R M

Soil. 3rd rate -

Timber Scattering Juniper
G. M. Carson Compassman
Dec 21st 1882

From the ~~land~~ ^{land} ~~col~~ ^{col} sees 33rd & 34th
on the south Biny Twp.
recently resurveyed by me
down

North lot sees 33rd & 34th
to 13:42' E

Our flat bears N. 78¹/₂° E

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 W 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.

44.50 Enter ^{Dense} timber bears N 70° W.

53.00 Lean Dense timber bears N 70° W

T13. N. R 23 E G. & S R M

- 57.00 A House ^{and} cultivated field.
bears East, about 21 ch' dist.
- 72.00 Enter timber bears $2135^{\circ}N$.
- 80.00 Set a Sand stone 20+16+4
ins. 15 ins in the ground for
the cor to see 27.28.33 ^{and} 34
marked with 1 notch on S
and 3 notches on E edges
and raised a mound stone
along side. Pts impracticable
Loc. Rolling
Soil. ~~etc~~ rate Good grazing
Timber - Scattering Juniper

$2759^{\circ}49'E$ on a random line
Set sees 27 ^{and} 34.

on $13^{\circ}57'E$

Over rolling land

40.00 Set a temporary 1/4 sec cor

T13. N. R 23 E G & S R M

chs-

- 58.00 Cross mark Co N 5° W.
- 80.34 Intersect N 45 line 38 lks
N of cor to sec's 26-27.34^{and} 35
Three Inset.
71. 89° 55' N on a line bet.
sec's 27^{and} 34, same as
- 40.17 Set a sand stone, 12 x 8 x 4 ins., 8 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.
- 80.34 To cor to sec's 27-28. 33^{and} 34
Sand. Rolling
Soil; no sub;
Timber. Scattering juniper

North bet. sec's 27^{and} 28
Ea 13° 58' E
Our rolling ground.

T13. N. R 23 E G. & S R M

chs

40,00 Set a Sand stone, $20 \times 15 \times 8$ ins., 15 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on W 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.

62.50 Cross mark to 2120 E.

80 00 Set a Sand stone $7 \times 10 \times 6$ ins., 12 ins. in the ground for Cor, to Secs, 21. 22. 23 marked with 2 notches on S. and 3 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Sand Railing
 Soil, 3rd. rule Good Boying
 Timber Scattering Juniper

N 89° 49' E. on a random line
 bet sees 22 and 27.
 W 13° 58' E

T13. N. R 3 E G & S R M

Chs -

- 24.00 Descend
 cross wash to W
 32.10 Cross flat to N 70° W ^{2/4} ascend
 40.00 Set a temporary 1/4 sec cor
 45.80 Top of steep ascent
 49.00 Top of hill 340 ft high base
 N 5° W and descends gradually,
 53.00 Descend abruptly,
 57.80 Foot of hill 340 ft high base
 N $4\frac{1}{2}^{\circ}$ W.
 79.82 Intersect N. & S line 7 lbs
 N of cor to sec 22. 23. 26 ^{2nd} 27
 Third Inir
 S $89^{\circ} 52''$ W on a true line
 bet sees, 22 ^{2nd} 27. same on
 39.91 Set a sand stone 18 x 12 x 2
 ins 12 ins in the ground for
 1/4 sec cor. marked 1/4 on
 N face and raised a
 mound stone alongside

T13. N. R 23 E G & S R M

chs

79.82 Pits impracticable
 To cor to sec 21. 22. 27^{and} 28
 Sand. m's - and Rocky
 Soil, 8th rule -
 Scattering Juniper.

North to sec 21 ^{and} 22
 In 12° 58' E,

29.30 Grass wash Co N 28° 8

40.00 Set a Sand stone, 12 x 9 x 6 ins., 8 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.

43.08 Grass wash Co N.W.

47.00 Ascend. steep rocky bluff.
 Grass N 70° W.

62.00 Top of hill 480 ft high base
 N 78° W.

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

Chs

80.00 Set a *Saus'* stone $4 \times 12 \times 8$ ins, 9 ins. in the ground for Cor, to Secs, 15/16 2 1/8 2 2 marked with 3 notch on S. and 3 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.

Land. Rolling. Broken
Soil, 3rd. rate
Timber. Dense Juniper Bush

N 89° 49' E on a random line
Set sec's 15 and 22

In 15° 57' E

Ascend Steep hill.

40.00 Set a temporary 1/4 sec cor

43.00 Top of hill 350 ft high bears
N 8 1/2° W. and descend

42.00 Foot of hill bears N 7° W
79.58 Intersect N 8 line 30 lbs

BLK 139

T13. N. R 23 E G. & S R M

Chs

South of cor to see's 14:15:22 ^{and 23}
Thence down
S 89° 36' W on a true line
bet-see's 15' ^{and} 22 same cor.

39.79

Set a *Sand* stone, 20 x 8 x 9 ins., 15 ins.
in the ground for 1/2 Sec. Cor, marked 1/2. on N
face, dug pits 18 x 18 x 12 ins. S 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 along side.

79.58

To cor to see's 15:16:21 ^{and 22}.
Sand, rolling ^{and} Rocky
Soil, ~~not~~ sale.
Timber - Scattered Juniper
Brush

North bet see's 15 ^{and} 16
ca 130.58 E
A Long Top of ridge
(over)

BOOK 139
T13. N. R 23 E G & S R M

chs

4,000 Set a Saw stone, $16 \times 12 \times 10$ ins., 10 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. on W. face, dug pits $18 \times 18 \times 12$ ins. 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.

80,000 Set a Saw stone $14 \times 12 \times 5$ ins, 9 ins. in the ground for Cor, to Secs, 9-10. B²/16 marked with 4 notches on S. and 3 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Louis Rolling

Soil, 2nd rate -

Timber. Scattering Juniper Br.

N 89° 49' E on a random line
at sec's 10th & 15-

20 13° 58' E

15,000 Top of ridge 75 ft high has

T13. N. R. 23 E G & S R M

Obs

- 4000 $N. 20^{\circ} W$ and descend
 4500 Set a temporary 74 sec cor
 4500 Lean foot of hill bears $N. 20^{\circ} W$
 80.28 Intersect N & S line 13 lbs
 N of cor to sec's) 10.11.14 and 15
 Thence down
 $S 89^{\circ} 35' W$ on a true line to
 sec's 10 and 15. same rd.
 40.14 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ S. on N face, dug pits 18 x 18 x 12
 ins. E and W of post $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
 post.
 80.28 Ticor to sec's 9.10.15 and 16.
 Sand. Broken and Mountainous
 Soil, stony and rali
 Timber. Scattered Juniper

T13. N. R 23 E. G. & S R M

chs

North 1st sec's 9 and 10

to 138.57' E

- 40.00 Along top of ridge has N & S
Set a sand stone 12+10+8 in
8 in in the ground for 1/4 sec
cor marked 14m ^{face} N slopes
and raised a mound stone,
alongside. Pits impracticable.
- 70.00 Descent perpendicular bluff.
20 ft high has E. & W.
- 80.00 Set a Lava Stone 14+14+10
in. 9 in in the ground
for the cor to sec's 3, 4, 9 ^{and 10}
marked with 5 notches on
N. and 3 notches on E slopes
and raised a mound stone
alongside. Pits impracticable
Sand. Broken & mls
Soil. Stony 800 yds
Timber: Scattering Juniper

T13. N. R 23 E G & S R M

cks

- $N 89^{\circ} 49' E$ on a random line
 bet sees 3^{and} 10
 $N 13^{\circ} 57' E$
 Descend steep rocky hill.
 2900 Foot of hill bears N. N. E. S. E.
 and descend gradually.
 4000 Set a temporary $\frac{1}{4}$ sec cor
 7650 Cross Snowflake road bears
 $N 75^{\circ} W$.
 8036 Intersect N. & S line 19 chs N
 of cor to sees 2. 3. 10^{and} 11
 Thence run
 $S 89^{\circ} 37' W$ on a true line bet
 sees 3^{and} 10. same as.
 4018 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins. in the ground for $\frac{1}{4}$ Sec, Cor,
 marked $\frac{1}{4}$ S. on N face, dug pits 18 x 18 x 12
 ins. E and W of post $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
 post.
 8036 To cor to sees 3. 4. 9^{and} 10

T13. N. R 23 E G & S R M

chs

Sand. Rolling ^{and rocky}
Soil; 8th rate
Timber, Scattering Juniper.

North on a random line bet.
secs 3 ^{and} 4

to 13: 57' E

Descend N point of hill

28.00 Leave foot same 125 ft high
29.80 Cross Snowflake Road ^W E. & N.

40.00 Set a temporary 1/4 sec cor

52.00 Cross dry bank to N. E
(25-30 ft wide)

80.23 Intersect - N Bdry Twp 24 lbs
W of cor to secs 3, 4, 33 ^{and} 34
recently re-established by
me.

Thence I run.

T13. N. R. 23 E. G. & S. R. M

chs

So: 10' W on a true line at sec 3
 3rd & 4th same rate.

40.22 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor.
 marked $\frac{1}{4}$ S. on W face, dug pits 18 x 18 x 12
 ins. W 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.

80.22 To cor to sec 3, 4, 9th & 10th
 Sand Broken & level
 soil, 3rd rate
 Timber, Scattered Juniper.

I carefully examined the
 adjustments of my solar
 compass today particularly
 the latitude & meridian
 apparatus & found them
 correct

A. P. Johnson

Dec 22nd 1882

T13. N. R 23 E G & S R M

Chs

From the Standard Corn to see's
4.5 on the south 13th Day Sp
recently re-established by
me, from
North to see's 4^{and} 5'
Eol 13° 42' E

Ascend.

- 6.00 Top of hill bears N 83° E +
descend abruptly
- 17.00 Leave foot of hill 406 ft.
high
- 21.00 Cross ravine to N 79° E
- 40.00 Set a sandstone 15 x 8 x 6 in
10 in at the ground for 1" x
see our marked 74 on W
face and raised a mound
stone alongside. It is
impracticable.
- 47.00 Top of spur 100 ft high bears
N 28° W. and descend

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

Chs

- 55.70 Leap foot of spur.
- 57.00 Cross sag base $N 29^{\circ} W$
- 64.00 Top of hill 70 ft high base
 $N 7.8$
- 80.00 Set a Sans stone 28+18+6
is 17 in in the ground for
the cor to sees 28.29.32^{and} 33
marked with 1 notch on S
End 4 notches on E edges, and
raised a mound stone alongside.
It's impracticable.
Sans. Broken + rocks
Soil, 3rd rate -
Timber. Scattering Juniper

$N 89^{\circ} 49' E$ on a random line
Set sees. 28^{and} 33
Ed 13: 58' E
Descent

T13. N. R. 23 E G & S R M

Ch

- | | |
|-------|---|
| 1.00 | Cross sag base N 1 E |
| 2.20 | Top of hill 20 ft high base N 20 E |
| 3.80 | Foot of hill base N 15 E |
| 5.00 | Cross sag base N 11 E |
| 10.80 | Top of hill 50 ft high base N 13 E |
| 17.00 | Foot of bluff. 200 ft high base
N 12 E. |
| 23.00 | Cross sag base N 10 E
& ascend. |
| 32.00 | Top of hill 100 ft high base N.
12 E. |
| 36.00 | Lean foot of same base
N 15 E. |
| 37.50 | Lean strike base N 1 S |
| 40.00 | Set a temporary 1/4 sec cor |
| 67.00 | Cross sag base N. 12 W |
| 78.25 | Top of hill 25 ft high base N 18 W |
| 80.48 | Intersect N 1 S line 20 lbs N
of cor to see 27 28.33 ² / ₄ 34
Thence down |

BOOK 139

T13. N. R 23 E G & S R M

chs

S 89° 58' W, on a trivium in net
 sees 28 ^{and} 33 same as

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

80.48 Do cor to sees 28. 29. 32 ^{and} 33

Sand. Broken & rocky

Soil, 2nd rate

Timber. Scattered Juniper

North of sees 28 ^{and} 29

20 13' 57" E

Over rolling ground.

40.00 Set a Sand stone, 10 x 8 x 8 ins., 7 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.

T13. N. R 23 E G. & S R M

Chs

59.79

Cross wash to N17°W

80.00

Set a Sandstone 16 + 10 + 5 mi

10 mi in the ground for the
cov to see's) 20.21.28^{and} 29marked with 2 notches on S
and 4 notches on E & S of S.

and raised a mound of stone

alongside. Pits impracticable.

Sand. Rolling

Soil. 2nd rate Good for grainN 89° 49' E on a random line
to see's) 21^{and} 28.

W 13° 5' 8" E

Over flat surface

18.00

Lean timber cross N 21° E

40.00

Set a temporary 1/4 sec cov

80.06

Intersect N + S line 14 lbs

Soft cov to see's 21.22.27^{and} 28

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

Chs

Thence Inm
S 89° 43' W on a true line bet sec's
21 and 20.

Pa 13° 58' E.

40.00

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

80.00

To cor to sec's 20 & 21 ^{cont} 29.
Land. Rolling
Soil. 8th rate. good grazing

North bet sec's 20 and 21

Pa 13° 57' E

40.00

Set a sand stone, 17 x 10 x 6 ins., 12 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.

T. 13. N. R. 23 E G & S R M

Chs.

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor. to Secs, 16 & 17. 20^{and} 21 marked T. 13 N S. 16 on N. E. R. 23 & S. 21 on S. E. S. 20 on S. W. and S. 17 on N. W. face, with 3 notch es on S. and 4 notch es on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Land. Rolling
Soil. 8th rate. Good grazing
Timber - Scattered Juniper

N 89° 49' E on a random line
bet sees 16^{and} 21.

Sa 13° 50' E

Descend

14.00

Enter flat near N & S

17.30

Cross wash to 20° W.

40.00

Set a temporary 1/4 sec cor

BOOK 139

T13. N. R. 23 E. G. & S. R. M.

chs

- 48.00 Ascent bluff - bears N. 35° W
 69.00 Top of bluff 300 ft high bears
 N 30° W, and over flat table
 land.
- 79.78 Intersect U. T. S. line 18 lks
 S of cor to sec's 15, 16, 21 and 21,
 Thence down
 S 89° 41' W on a true line 24 l-
 sec's 16 and 21 same rd
- 39.88 **Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins. in the ground for ¼ Sec. Cor,
 marked ¼ S. on N face. Dig pits 18 x 18 x 12
 ins. E and W of post 5½ ft. dist. and raised
 a mound of earth 1½ ft. high. 8½ ft. base. around
 post.**
- 79.78 To cor to sec's 16-17, 20 and 21
 Sand. Rolling & Broken
 Soil, red soil - Good prairie
 Timber. Scattered Juniper

T13. N. R. 23 E. G & C. R. M

Ch

North Pit Sec's 16th Aug 17.

Ta 13° 57' 8"

Descend.

Enter flat near E + W.

6.00
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 W face, dug pits 18 x 18 x 12 ins. $\frac{1}{4}$ 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.

84.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, S. 9. 16th Aug 17 marked T. 13 N S. 9 on N. E. R. 23 E S. 17 on S. E, S, 17 on S, W, and S, P on N, W, face, with 4 notch ~~ee~~ on S, and 4 notch ~~ee~~ on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. 4 $\frac{1}{2}$ ft. base. around post.

Sand, Rolling & Broken
Soil; ~~and~~ soil, good grazing
Timber Scattering Juniper

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

Ch's

$\backslash 89^{\circ} 49'$ on a random line
between 9th & 16

$\backslash 18^{\circ} 57' E$

10.00 Cross Dry Creek 50 lbs with
Co. $\backslash 25^{\circ} E$.

25.10 To foot of hill & ascend pass $\backslash 8^{\circ} 5 M$.

40.00 Set a temporary $\frac{1}{4}$ sec cor.

52.00 Top of hill 250 ft. high bears
 $\backslash 8^{\circ} 45 M$. and over rolling
ground.

79.83 Intersect $\backslash 7.8$ line 24 lbs

\backslash of cor to sec's. 9, 10, 13 ^{9th} 16
Thenel Draw.

$\backslash 89^{\circ} 59' N$ on a true line bet-
sec's 9th & 16. same rd.

39.92 Set a Sauesstone 12+10+9 ais

8 ais in the ground for $\frac{1}{4}$

sec cor. marked $\frac{1}{4}$ in \backslash

face and raised a snowed stone
alongside. Disimpracticable

T13. N. R 23 E G & S R M

ch

5983 To cor & sees 8, 9, 16 and 17,
 Sand, Broken & rolling
 Soil, 3rd rare
 Timber. Scattered Juniper

North W sees 8 and 9.
 Va 13. 55' 8"

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.

80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs.
 4. 5. 8 and 9 marked T. 13 N S. 4 on
 N. E. R. 2 S E S. 9 on S. E, S, 8 on
 S, W, and S, 6 - on N, W, face, with 5 - notch
 on S, and 4 notch on E. edges, dug
 pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
 and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft.
 base. around post.

T13. N. R 23 E G. & S R M

Chs

Land Rolling

Soil, 5th rule; good grazing
Timber. Scattering Juniper

$7189^{\circ}49'$ E on a random line
Set see's 4^{and} 9.

to $13^{\circ}58'$ E

Descend

40.00 Set a temporary $1/4$ sec cor

42.80 Cross dry creek 2.00 chs wide
to N. E.

46.00 To foot of hill ^{and} ascend back
N. W. S

50.00 Reach top of N point of hill
back N. W. S

59.70 Intersect N. W. S line 18 lbs

Set cor to see's 8, 4, 9^{and} 10.
Then descend.

$7189^{\circ}41'$ W on a true line set

T13. N. R 23 E G & S R. M

Ch:

- 39.85 sees 4^{and} 9. same as
Set a Sandstone 11+9+6 vis
7 vis in the ground for 14 sec
cor. marked 14 in 71 face
and. raised a mound slow
alongside. Pt impracticable
- 79.70 To cor to sees 4, 5, 8^{and} 9.
Sand. Broken & Rocky.
Soil, 8th row.
Timber Scattered Juniper
-
- North on a random line set
sees 4^{and} 5.
- to 130 5.8' E
- Discovered
- 12.87 Cross Snowflake Road
base S 15 5th W
- 22.45 Cross wash to E^{and} osens
- 40.00 Set a temporary 14 sec cor

T13. N. R 23 E G & S R M

chs

- 60.50 Top of bluff 20 ft. high near
N. E. + S. W.
- 80.30 Intersect N Body Sp.
33 lks W of cor to sec's 4, 5
32nd and 33. recently re-established
by me.
Thence I run
So. 14' W on a true line to sec's
4th and 5. same as
- 40.30 Set a sand stone 12 x 8 x 6 ins., 8 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
14 ft. high. $3\frac{1}{2}$ ft. base. alongside.
- 80.30 To cor to sec's 4, 5: 8th and 9.
Sand Rolling
Soil. 2nd rate. Good grazing
Timber. Scattered juniper
G. M. Carson Comptroller
Dec 22nd 1882

BOOK 139

113. N. R. 23 E. G. & S. R. M.

chs

From the Standard Cor. to
31^{and} 32. on the south side
I p. recently reestablished by
me. I run.

North West Secs 31^{and} 32.

$\alpha 13^{\circ} 42' \text{ E}$

Descent.

18.00 Cross sq. cor $N 18^{\circ} W$ ^{2nd} ascend

29.00 Top of hill 40 ft. high base $N 80^{\circ} \text{ E}$

40.00 Set a sandstone 15+8+6 ins
10 ins in the ground for
 $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on
 N face ^{and} raised a mound
stone alongside. It is in-
-practicable.

57.00 Cross mark cor $N 7^{\circ} \text{ E}$
and over flat.

80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor. to Secs,
29.20. 31^{and} 32 marked T. 13 N S. 29 on
N. E. R. 25 E S. 32 on S. E. S, 31 02

BOOK 139

T13. N. R 23 E G & S R M

chs

S, W, and S, 30 on N, W, face, with 1 notch
on S, and 5 notch ~~on~~ on E. edges, dug
pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist.
and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft.
base. around post.

Land. Rolling & Broken
Soil. Stony ~~etc.~~ rare.
Timber. Scattered Juniper

$N 89^{\circ} 49' E$ on a random
line of sees 29 ^{and} 32

$S 13^{\circ} 57' E$

Descent

13.00 Cross dry wash $S 75^{\circ} E$
& over flat -

21.00 Leave flat bears $N 6^{\circ} E$ & ascend

40.00 Set a temporary $\frac{1}{4}$ sec cor

46.80 Top of hill 276 ft high bears
 $S 1^{\circ} 15' E$ & descend

T13. N. R 23 E G & S R M

- 53.85 Leave foot of hill cross N. T. 8
60.00 Cross ravine Co. N. 65° E
80.16 Intersect N. T. 8 line 12 lbs
Set cor to sees 28, 29, 32 ^{Aug 83}
Thence down
S 89° 44' W on a true line
to sees 29 ^{Aug 32} to same
40.88 Set a sand stone 15 + 6 + 4 in
10 in the ground for 14
see cor marked 1/4 in
N face and raised a
mound stone alongside
Pit impracticable
80.16 To cor to sees 29, 30, 31 ^{Aug 82}
Sand. Rolling & Broken
Soil, rocky 800 rods
Tomb. Scattered juniper
A. P. Johnson Dec 28. 1882

T13. N. R. 23 E G & S R M

Chs

S 89.49 N. on a random line
bet sees 30 and 31.

W 13.58 E

Over flat - Surface

41.00 Set a temporary $\frac{1}{4}$ sec cor

81.42 Intersect W B on top of 16 lbs

So of cor to sees 25.30.31 and 36.
recently re-established by
me.

Thence Iron

N 89.56' E on a true line bet.
sees 30 and 31. same as

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

81.42 To cor to sees 29.30.31 and 32

Sand Rolling

Soil and sale - good grazing

T13. N. R 23 E G & S R M

Chs-

Timber Scatterie Juniper
 G. M. Carson Compassman
 Dec. 22nd 1882

North 1/2 sec 29th 30

Q Ia 13° 58' E

Over broken ground

40.00

Set a Limestone 24+12+4
 in 18 ins in the ground for
 1/4 sec over, marked 1/4
 on W face and raised a
 mound along side
 pits impracticable.

80.00

Set a Sandstone 16+12+5 -
 in 12 ins in the ground
 for the cor to sec 19. 20. 29th 30
 marked with 2 notches on
 S. and 5' notches on E
 edges. and raised a mound

T13. N. R 23 E G & S R M

Ch

of stone alongside of it's
impracticable
Land Broken & rolling
Soil, red sand.
Timber. Scattered in Juniper.

N 89° 49' E on a random line
at sees 20^{and} 29.

S 13° 58' E

ascend.

6.00

Top of hill 20 ft. high bears
N 18° E. and descends abruptly

32.80

Leave foot of hill. 240 ft. below
summit - bears N E + S. N.

40.00

Set a temporary 1/4 sec cor.

73.80

Grass wash 40 ft. misc to N 15° E.

79.72

Intersect N + S line 25-1/2 N
of cor to sees 20. 21. 28^{and} 29
Thence down

T13. N. R. 23 E. G & S. 1 M

chs

39.86

West on a true line
bet sees 20^{and} 29, same ra.
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 \mathcal{N} face, dug pits 18 x 18 x 12
ins. \mathcal{E} and \mathcal{W} of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post.

79.72

To cor to sees 19. 20. 29^{and} 30
Lans. rolling & Broken
Soil, Stony & Sal-
Tinder. Scattering Juniper.
A. P. Johnson Dec 23rd
1882

S $89^{\circ}49'W$ on a random line
bet sees 19^{and} 20
W $13^{\circ}58'E$
Desces abruptly

T13. N. R 23 E G & S R M

chs

- 18.00 Cross mark Co. N 20° E.
- 26.00 Ascend abruptly, bears N. E. S
- 40.00 Set a temporary 1/4 sec cor
- 72.00 Top of hill 420 ft high bears
N 60° E.
- 82.68 Intersect N Brn^g Top 20 lbs
1/4 of cor w sees 19. 24. 25 ²⁶/₃₀.
recently re-established by
me. Hence I run
N 89° 40' E. on a true line
Set sees 19. ²⁶/₃₀ same as
- 42.68 Set a Sand stone, 12 x 10 x 6 ins., 8 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N
face, dug pits 18 x 18 x 12 ins. E and 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.
- 82.68 So cor to sees 19. 20. 29 ³⁰/₃₀.
Sand. Broken & mis-
Soil. Stony and calc-
Timber Scattering Juniper
G. M. Carson, Compassman
Dec 20 1882

BOOK 139

T13. N. R 23 E G & S R M

chs

Work let see's 19th of 20

W 13° 57' E

Cross Broken hills

20.00

Cross mark Co N. O.

40.00

Set a Sand stone 36 x 28 x 4 in
 27 ins in the ground for
 1/4 sec cor. marked 1/4 on
 on W. face and raised a
 mound stone along side
 It's impracticable.

80.00

Set a Sand stone 30 x 24 x 16 ins, 22 ins. in
 the ground for Cor. to Secs, 17, 18, 19th & 20 marked
 with 3 notches on S. and 5 notch es 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,
 1 1/2 ft. base. alongside.

Sand Broken hills

Soil: red shale

Timber Scattering Juniper

T13. N. R 23 E G & S R M

Chs'

$N 89^{\circ} 49' E$ on a random line
bet sees 17^{and} 20.

$Ea 13^{\circ} 58' E$

Descent.

16.10 Cross wash to W. ^{and} ascend

40.00 Set a temporary 1/4 sec cor

41.00 Top of spur 40 ft high bears N. 15

79.95 Intersect N. 15 line 11 lbs

$N 11$ for sees 16, 17, 20^{and} 21.

Three down

$S 89^{\circ} 54' W$ on a true line

bet sees 17^{and} 20. same va

39.98 Set a sand stone, 16 x 12 x 6 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. E and W

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

$1\frac{1}{2}$ ft. high. $3\frac{3}{4}$ ft. base. alongside.

79.95 To cor & sees 17, 18, 19^{and} 20

Land. Rolling.

Soil - 3rd val. about grazing

T13. N. R. 23 E G. & S R M

Chs

Timber Scatterie Juniper
A P. Johnson
Dec. 25th 1882

S 89° 49' N on a random line
bet sees 18th & 19.
W 15° 59' E

4.00
61.10
83.80
Beeswax & gradually
Set a temporary "d see cor
Cross wash les N. E.
Intersect W Bdry Sp 5th S
of cor to sees 13, 18, 19th & 24
recently re-established by me

These Iron
N 89° 51' E on a true line
bet sees 18th & 19. same rat.
43.80. Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec, Cor,
marked 1/4 S. on N face, dug pits 18 x 18 x 12
ins. E and W of post 5 1/2 ft. dist. and raised

T13. N. R 23 E G & S 1. M

Ch^o

a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post.

83.80 To cor trees 17, 18, 19 ^{and 20}

Laurel. Rolling.

Soil. 5th sale:

Timber - Scattering Juniper

G. M. Carson Carpenter

Dec 23rd 1883

North trees 17 ^{and} 18

lat $13^{\circ} 58' 8''$

4.00 Top of bluff. 30 ft high trees
N. E. & S. W.

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

From which

A Juniper 9 in diam base

T13. N. R 23 E G & S. R M

Chs

S 13° W. 23 lks dist
 Marked 1/4 S. R. T.

A Juniper 8 ins drain
 base N 42° E 66 lks dist
 Marked 1/4 S. R. T.

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, ~~2~~²⁴ ins, in the ground for Cor, to Seco,

7.8117 ⁹/₁₆ 18 marked T. 13 N S. 8 on
 N. E. R. 23 S. 17 on S. E, S, 18 on
 S, W, and S, 7 on N, W, face, with 4 notch
 es on S, and 6 notch es on E. edges. ~~4~~

From which

A Juniper 15 ins drain base
 N 10° E. 27 lks dist
 Marked T. 13 N. R. 23 S. S.
 8 B. T.

A Juniper 21 ins drain
 base S 42° E. 62 lks dist
 Marked T. 13 N. R. 23 S. S. 17 B. T.

A Juniper 20 ins drain
 base S 40° W. 125-lks dist

T13. N. R. 23 E. G & S. 1. 1. M

ch

Marked T. 13 N. R. 23 E. S. 1. B. T.
 A Juniper bush & am bears
 $N 40^{\circ} W. 17$ lbs dist.
 Marked T. 13 N. R. 23 E. S. 7 B. T.
 Laurel Rollway
 Soil. 8th rate.
 Timber. Decid. Juniper

$N 89^{\circ} 49' E$ on a random line
 bet trees 8th and 17.

bet $13^{\circ} 58' E$

Gradual Descent.

40.00 Set a temporary $1/4$ sec cor

60.00 Cross Wash Co. N.

79.60 Intersect N. & S. line 16 lbs

N of cor to trees 8, 9, 16th and 17.

Thence I run

$S 89^{\circ} 56' N$ on a true line

bet trees 8th and 17. same cor

T13. N. R 23 E G & S R M

chs

39.80 Set a post 3 ft. long 3 ins. diam with marked stone, ~~18~~²⁷ ins, in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ S. on N face, dug pits ~~18 x 18 x 12~~ ins. E and W of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post. From which

A Juniper 12 ins diam base
S $9\frac{1}{2}^{\circ}$ 826 lbs dia

Marked 74 S. B. F.

A Juniper 6 ins diam base
S 33° N. 81 lbs dia

Marked 74 S. B. F.

79.60 To cor & sees 7-8-17 ^{and} 18

Lans Rolling

Soil. 2nd sale

Timber, Dense Juniper

A. P. Johnson

Dec 23rd 1882

BOOK 139

T13. N. R. 23 E G & S. 1 M

Chi

S 89°. 49' W on a random
line bet sees 7th 18

to 13°. 57' E

Ascend gradually.

20.00 Elin Glad, has N. E. & S. W.

24.70 Cross road to N 25° E.

40.00 Set a temporary 1/4 sec cor

42.00 Elin & Dene brother, have
N. E. & S. W.

84.29 Interest W. B. of T^p 45-
lbs N of cor to sees 7. 12. 13th 18
recently reestablished by me

Three Iron

N 89°. 30' E on a true line bet
sees 7th 18. same as

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

T13. N. R 23 E G & S R M

pts

- 84.49 To cor trees 7.8.17 ^{and} 18
 Saw Rolling
 Sail, 2nd rule Govt Sailing
 Timber - Dense Juniper
 G. M. Carson, Comptroller U.S. 23rd 1882
- North Intsec 7 ^{and} 8
 on 13° 5' 8" E
- 20.00 Cross rolling ground
 Saw Dense timber & under
 open glade
- 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 W. face, dug pits 13 x 13 x 12
 ins. N and S, of post 5 $\frac{1}{2}$ ft. dist. and raised
 a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
 post.
- 80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 5:6. 7 ^{and} 8 marked T. 13 N S. 5' on
 N. E. R. 23 E S. 8 on S. E. S. 7 on

T13. N. R. 23 E G & S R M

Ch's

S, W, and S, 6 on N. W face, with 5 notches 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. around post.

Says Rolling
 Soil - 8th rate - good grazing
 Timber - Dense Spruce

N 89° 49' E on a random
 line bet sees 5th & 8.

to 13° 58' E

Through open field

30.00 Enter Dense timber near N 70° W

40.00 At a temporary 1/4 sec cor

51' 00 Cross creek bet N 60° E.

79.88 Intersect N. E. S line 13 lks

N of cor to sees 4, 5, 8 and 9.

Thence down

95

BOOK 139

T12. N. R 23 E G & S R M

Chs

39.94 S 89° 55' W on a line
 line between 5th & 8. same as
 Set a Post 3 ft long 3 in
 square 24 in in the ground
 for 1/4 sec cor. marked
 1/4 Son N face. from which
 A Juniper 8 in diam has
 S 80° W. 59 lbs dist. Marked 1/4 B.S.
 A Juniper 6 in diam has N 15° E.
 58 lbs dist. Marked 1/4 S.B.F.
 79.88 To cor to sees 5, 6, 7 and 8.
 Sand. Rolling.
 Soil. 2nd rate Good Spring
 Timber. Spruce, Juniper
 A. P. Johnson Dec 25th 1882

T13. N. R 23 E G & S R M

cls

S 89° 49' W on a random line
 at sees 6 and 7.

W 13° 58' E

33.00 through open glade
 Latin dense timber
 bears N + S

26.10 cross track to N.E.

40.00 Set a temporary 1/4 sec. cor

85:70 intersect N Bony Tp 10 lbs
 N of cor to sees 1, 6, 7 and 12
 recently re-established
 by me.

Thence down.

N 89° 45' E on a true line

at sees 6 and 7. same as

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

A jump 2000 ft. down to 25° 8' 45" S. 1/4 Sec. 14 E. B.S.

T13. N. R. 23 E G & S R M

ch's

85:70 To cor to sees 5. 6. 7 and 8.
 Sand. Rolling
 Soil. 8th rule. Good farming
 Timber. Dense Juniper

North on a random line
 to see's 5th & 6.

To 13: 58' E

7.00 Through open glade. gradual ascent
 Enter Dense timber bears 8. 11

9.07. Cross Snow-flake Road
 bears S 70° W + N. 75° E.

40.00 Set a temporary 1/4 sec
 corner

44.00 Cross wash to E

86.18 Intersect N. Bony Sp 68

It's west of cor to sees 5. 6
 31. and 32. recently re-set.
 Leaked by me -

BOOK 180

T13. N. R. 23 E. G. & S. R. M.

Chs

Threedrum
 S. $0^{\circ} 29' W$ on a true line 71 -
 sees 5th 6. Same wa.
 46/18 Set a post. 3 ft long 3
 ins square. 24 ins at the
 ground for $1/4$ sec cor.
 marked $1/4 S$ on N. face
 from which

A Juniper 4 ins diam has
 N $25^{\circ} E$. 25 lbs dist
 marked $1/4 S. B. T.$

A Juniper 11 ins diam
 has S $64^{\circ} W$. 37 lbs dist
 Marked $1/4 S. B. T.$

80/18 To cor to sees 6. 6. 7th 8.

Sand. Rolling
 Soil, 200 salt good for
 Timm. - One Juniper

I carefully examined

T13. N. R. 23 E. G. & S. R. M.

cho

The adjustments of my solar
compass by day. particularly
the latitude & reversing
apparatus and found them
correct.

G. M. Carson Compassman

Dec 23rd 1882

T13. N. R 23 E G & S R M

chs Geol Description

All the flats in this Tp are well suited for farming. Timber is of medium size and mostly scattering; water can be procured at from 5 to 30 ft. depth anywhere in the Tp.

The south end of the Tp. is rough; rocky ^{and} mountainous and a high spur or bluff runs through the centre from the south to ^{nearly} the north Bay of the Tp. varying in width from 2 to 50 chains on either side of this spur the country is mostly low hills spurs & flats.

There is one settler in this Tp whose claim is the N.E.

T13. N. R 23 E G & S R M

cor. of sec. 34, and the south
east cor of sec 27.

Whose improvements are
valued at \$100.00

FOR FINAL OATHS
SEE BOOK NO. 18.

U. S. Surveyor General's Office,

Tucson, Arizona, November 10, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 13 North
Range 23 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by A. P. Johnson

Deputy Surveyor, under his contract of the 27th

day of July, 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. W. Robinson
Surveyor General.