

25-17
Recd Oct. 24, 1891
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18.

Sent to Genl G. L. O. Feb 6th 1892

Approved March. 15th 1892

No. 570

570

4-671 BOOK 570

FIELD NOTES

~~GENERAL LAND OFFICE~~

of the survey
of the

Township 28^N, Range 17^E
Surveyed by John C. Smith
U.S. Dep. Sur.

Under his contract No 16
Dated Nov. 18th 1890

Survey commenced
May 26, 1891
completed

" 27, 1891

11A

[4-590.]

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 } BOOK 569

Township No. 28 N. Range No. 17 E. Mer.

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In surveying the subdivisions
I placed a flag or took a
sight on some natural
object on the south
boundary and turned off
an angle of 90° to the
left or right, plus or
minus the allowance in
minutes for convergence
as the case might be.
I used this method in
conjunction with the
solar apparatus.
The south ^{boundary} being a true
past and west line.

CHAINS, Subdivisions T 28 N R 17 E

From the cor. to svs. 1, 2,
35 and 36 on the south
boundary of the township
I run $N. 00^{\circ} 1' W.$ bet.
Svs. 35 and 36.

$\gamma a. 13^{\circ} E.$

Ascend gradually.

1.00 I have corn field here,
 $N. E.$ and $S. W.$

20.00 Set a sandstone $12 \dots X \dots 12 \dots X \dots 4 \dots$ ins., $8 \dots$ ins.
in the ground, for $1/16$ Sec. Cor., marked $1/16$ on $W.$...
face, dug pits $18 \times 18 \times 12$ 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,

Thence I run East on a
random line through south
 $1/2$ sec. 36.

$\gamma a. 13^{\circ} E.$

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

CHAINS Subdivisions T. 28 N. R. 17 E.

80.00
80.00

Abstract East Boundary of
Township 15 links north
of $\frac{1}{16}$ Sec. Cor. Thence
I run $N 89^{\circ} 54' 11''$ on
a true line through south
 $\frac{1}{2}$ sec. 36-

$74. 13^{\circ} 15' E.$

Over level country

2.50 Enter cornfield bears N. and S.
8.00 Leave " " " "

20.00

Set a sandstone $30 \times 20 \times 2$ ins. 20 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits $18 \times 18 \times 12$ 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,

21.50 Enter cornfield bears N. and S.

28.00 Leave " " " "

33.70 Trail bears N. W. and S. E.

38.50 Trail bears N. W. and S. E.

40.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits $18 \times 18 \times 12$ ins. E. and W. of corner 5 1-2 ft. dist. and raised a mound of earth 1 1-2 ft. high 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S. on N. face,

No. 570

BOOK 570

3

CHAINS Subdivisions T. 28 N R. 17 E

60.00 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits $18 \times 18 \times 12$ ins. E... and W... of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In... E... pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on... N... face,

71.50 Trail bears S.E. and N.W.

80.00 The $\frac{1}{16}$ on cor.
Surface level
Soil and rock
No Grass

Thence I continue $N. 0^{\circ} 1' N.$
bet. nos. 35 and 36.

37.00 Trail bears N. W. and S. E. 7

40.00 Set a sandstone $\frac{1}{16} \times \frac{1}{4} \times \frac{1}{4}$ ins., $\frac{1}{16}$ 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

→ Door in house in Chi. park - vi bears $N. 31^{\circ} 20' N.$
Thence I run east on a
random line through middle
of 36 -

CHAINS Subdivisions T 28 N R 17 E

7a. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

79.88 Intersect East. Boundary of
Township 4 lines north of
1/4 sec. cor. Then I run
77.89° 58' N. on a true line
through middle sec. 36.

7a. 13° 15' E.

Over gently rolling surface.

6.00 Enter cornfield bears N. and S.

19.97 Deposited a marked stone 12 ins. in the ground,
for 1/16 Sec. Cor., dug pits 18X18X12 ins. E... and
...W... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In...E...pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked 1/16 S, on...N...face,

21.70 Leave cornfield bears N. and S.

34.10 Trail bears N. W. and S. E.

CHAINS Subdivisions T. 28 N R. 17 E

3994 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
 In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$ S, on N. face,

4320 Trail bears N. W. and S. E.

58.50 Trail bears N. W. and S. E.

57.15 Enter cornfield bears N. and S.

5991 Set a sandstone 20 X 20 X 7 ins., 15 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits 18x18x12 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,

6230 Leave cornfield bears N. N. and S. E.

7988 To $\frac{1}{4}$ Sec. Cor.

Surface gently rolling.

Soil 2^d rate.

Grass fair.

Thence I continue N. 00° 11' N.
 Lot. Nos. 35 and 36.

5300 Enter field bears N. E. and S. W.

CHAINS. Subdivisions T. 28 R. 17 E.

57.00 Trace field bears N.E. and S.W.

60.00 Set a sandstone $16 \times 12 \times 5$ ins., 11 ins. in the ground, for $1/16$ Sec. Cor., marked $1/16$ on $W.$ face, dug pits $18 \times 18 \times 12$ 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.

→ S.E. cor. of house in mi. town - or bears 71.30030 ft.

Thence I run east on a random line through north $1/2$ sec. 36.
 74.130 E.

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

7992 Abstract east boundary of township 7 lines north of $1/16$ Sec. cor. Thence I run 71.89° 57' ft. on a true line through north $1/2$ sec. 36.
 $74.130 15' E.$

Over gently rolling surface.

310 Trail bears N. W. and S. E.

18.00 Trail bears N. W. and S. E.

CHAINS Subdivisions T 28 N R 17 E

1998 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on N. face,

3440 Trail bears N. W. and S. E.

39.96 Set a sandstone 24 X 20 X 12 ins., 18 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits 18x18x12 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,

48.00 Eute corralled from N. and S.

51.00 Scan " " " "

53.50 Trail bears N. W. and S. E.

59.94 Set a sandstone 10 X 8 X 7 ins., 7 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits 18x18x12 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,

69.04 Trail bears N. W. and S. E.

68.00 Wash... 15 lks. wide course, 20

74.80 Trail bears N. W. and S. E.

79.92 The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2^{nd} rate.

Grass fair.

CHAINS. Subdivisions T. 28 N. R. 17 E.

Trance I continued $77.0^{\circ} 1' N$
bet. Secs 35 and 36,

65.90 Trail bears N. W. and S. E.

75.50 Wash.....lks. wide course, O.E., 15 ft. deep.

80.00 Set a sandstone 16...X...8...X...5...ins. 11...
ins. in the ground for Cor. to Secs. 25, 26, 35 and 36
marked with 1.....notch on S. and 1.....notch on
E. edges, and raised a mound of stone 1-2 ft. high, 2
ft. base, alongside. Pits impracticable.

House bears $77.44^{\circ} E$, about 12 chs,

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Trance I run east on a
random line bet. Secs. 25 and 36.
Ta. $13^{\circ} E$,

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

79.94 Intersect east boundary of

CHAINS Subdivisions T. 28 N R. 17 E

Township 7 links north of
 Cor. to sec. 25, 30, 31 and 36.

Thence I run $71^{\circ} 59' 57''$ N.
 on a true line bet.
 sec. 25 and 36.

$79^{\circ} 13' 05''$ E.

Over gently rolling surface.

Trail bears N. W. and S. E.

20

4.00

Enter field from N. W. and S. E.
 from " " " "

0.00

9.98

Set a sandstone $12 \times 10 \times 8$ ins. 8
 ins. in the ground, for $1/6$ Sec. Cor., marked $1/6$ on
 N. face, and raised a mound of stone 1 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

0.40

Trail bears N. W. and S. E.

80

Trail bears N. W. and S. E.

9.97

Set a sandstone $16 \times 13 \times 8$ ins. 11 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

28.00

Trail bears N. W. and S. E.

CHAINS. Subdivisions T 28 N. R. 17 E.

50.15 Wash.....15 lks. wide course, *St.*

59.96 Set a sandstone...20...X...12...X...2...ins., 15...ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on...N... face, dug pits 18x18x12 ins... E... and...W...of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 8 1-2 ft. base, alongside,

62.70 Trail bears N. W. and S. E.

74.00 Wash...15 lks. wide course, *St.*

77.00 Trail bears N. W. and S. E.

79.94 The cor. to sec. 25, 26, 35 and 36,

Surface gently rolling.

Soil *2nd* rate.

Grass fair.

77.00 " N. of sec. 25 and 26
79.100 E.

Over gently rolling surface.

4.30 Wash 15 links wide course *St.*

20.00 Set a sandstone...22...X...18...X...3...ins., 16...ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on West face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

CHAINS Subdivisions T. 28 N. R. 17 E.

Thru a run east on a railroad
line through south $\frac{1}{2}$ sec. 25
7a. 130 E.

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.00 Intersect east boundary of
Township 9 links south of
 $\frac{1}{16}$ sec. cor. thru a
run N. 89° 56' W. on a
true line through south
 $\frac{1}{2}$ sec. 25.

7a. 130° 15' E.

Over hilly country.

17.00 Trail bears N. W. and S. E.

20.00 Set a sandstone 12 X 10 X 5 ins., 8 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. ...
face, dug pits 18x18x12 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,

37.00 Wash ... 20 ... lks. wide course, SE.

CHAINS-Subdivisions T 28 N 17 E

40.00

Set a sandstone ¹³X ¹³X ³ ins., ⁸ ins. in the ground, for ¹/₆ Sec. Cor., marked ¹/₄ on N. face, dug pits 18x18x12 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,

43.25

Trail bears N. W. and S. E.

46.50

Wash.....¹⁰ lks. wide course, *sc*

47.10

Trail bears N. W. and S. E.

53.30

Wash.....⁵ lks. wide course, *sc*

60.00

Set a sandstone ²⁰X ¹⁸X ² ins., ¹⁵ ins. in the ground, for ¹/₆ Sec. Cor., marked ¹/₆ on N. face, dug pits 18x18x12 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,

61.20

Trail bears N. W. and S. E.

66.00

Trail bears N. W. and S. E.

69.00

Wash.....¹⁵ lks. wide course, *sc*

71.20

Trail bears N. W. and S. E.

✓ 80.00

The ¹/₆ sec. cor.
Surface rolling and hilly
Soil Ind. note
Some grass

CHAINS Subdivisions T. 28 N R. 17 E.

Thru A continuing $77.0^{\circ} 11' N$.
bet. Sec. 25 and 26.

over broken country -

40.00

Set a sandstone $12 \times 11 \times 10$ ins. 8
ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ on
...W...face, and raised a mound of stone 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

Thru A run east on a
random line through middle
Sec. 25 -

$76.13^{\circ} E$,

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-4 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

8220

Inhibit west boundary of
township 17 miles north
of $1/4$ sec. cor. Thence
I run $77.89^{\circ} 53' N$.
on a true line through
middle sec. 25.

CHAINS Subdivisions T. 28 N. R. 47 E.

A township is built north
 of $\frac{1}{16}$ sec. cor. there
 A run $71.89^{\circ} 56' N.$ on
 a true line through
 north $\frac{1}{2}$ sec. $25.$
 $74.13^{\circ} 15' E.$

Acad

20.00

Set a sandstone $20 \times 16 \times 2$ ins. 15 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N_4 face, dug pits $18 \times 18 \times 12$ 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,

30.40

Mark 15 links wide corner S.E.

40.00

Set a sandstone $20 \times 16 \times 6$ ins. 15 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N_4 face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

42.00

Trail bears N. E. and S. W.

51.58

Stone foundation bears north
 5 links.

60.00

Set a sandstone $20 \times 16 \times 2$ ins. 15 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N_4 face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

HAINES Subdivisions T. 28 N. R. 17 E.

70.00 Spring from north about E, chain
 distant.

80.00 T. 1/6 sec. cor.

Surface mountainous 40. chs

Rolling 40 chs.

Soil 4th rate

No Grass much

Thence. I continuing N. 10° W.

T. 1/6 sec. 25 and 26.

62.10 Trail from E. and W.

68.85 Wash 20 links mid course S.E.

78.70 Trail from N.E. and S.W.

80.00 Set a sandstone 12...X...12...X...5...ins...8...
 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 1-2 ft. high, 2
 ft. base, alongside. Pits impracticable.

Surface mountainous 40. chs.

Soil 4th rate

No Grass.

CHAINS Subdivisions T. 28 N R. E.

Found I run east on
a random line
bet. sec. 24 and 25
Ta. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.00

Intersect east boundary
of township 10 miles
south of cor. to sec.
1924. 25 and 30
I run S. 89° 56' W. on
a true line bet. sec. 24 and 25
Ta. 13° 15' E.

Sound.

20.00

Set a sandstone 12 X 10 X 8 ins., 8 ins.
in the ground, for 1/16 Sec. Cor., marked 1/16 on N...
face, dug pits 18x18x12 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,

CHAINS Subdivisions T. 28 N. R. 17 E.

25.00 Trail bears N. W. and S. E.

38.00 " " " " "

40.00 Set a sandstone $\sqrt{15}$ X $\sqrt{14}$ X $\sqrt{3}$ ins. $\sqrt{10}$
 ins. in the ground, for $\sqrt{14}$ Sec. Cor., marked $\sqrt{14}$ on
 ...N...face, and raised a mound of stone 1 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

60.00 Set a sandstone $\sqrt{15}$ X $\sqrt{10}$ X $\sqrt{5}$ ins. $\sqrt{10}$
 ins. in the ground, for $\sqrt{16}$ Sec. Cor., marked $\sqrt{16}$ on
 ...N...face, and raised a mound of stone 1 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

80.00 Take cor. to sites 23, 24, 25 & 26

Surface rotting and broken
 Soil 2nd cut 4th rate
 Guess poor.

May 25th 1891

CHAIN'S Subdivisions - T 28 N. R. 17 E.

N. 0° 1' N. bet. Secs. 23 and 24

Va. 13° E.

Over broken country.

20.00

Foot of ridge from NW. and SE. and

Set a sandstone... 16... X... 12... X... 4... ins... 11...
ins. in the ground, for... 1/16... Sec. Cor., marked... 1/16... on
...W... face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

Thence I run east on a
random line through south
1/2 sec. 24.

Va. 13° E.

over hilly country.

20.00

Set temporary 1/16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

80.12

Abstract east boundary
of Township 5. line
South of 1/16 sec. cor.
Thence I run S 89° 58' N.

Subdivisions T 28 N R. 17 E.

on a trail line through
south 1/2 sec. 24

To 130 N E

Ascending

29.03 Set a sandstone 12 X 10 X 8 ins., 8 ins.
in the ground, for 1/6 Sec. Cor., marked 1/6 on N...
face, dug pits 18x18x12 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,

21.50 Trail bears N. W. and S. E.

22.00 Enter cornfield bears N. and S.

28.00 Same " " " " "

30.10 Trail bears N. E. and S. W.

31.10 Trail bears N. E. and S. W.

32.70 Trail bears N. E. and S. W.

42.06 Set a sandstone 32 X 26 X 2 ins., 24 ins.
in the ground, for 1/6 Sec. Cor., marked 1/6 on N...
face, dug pits 18x18x12 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,

44.17 Trail bears N. E. and S. W.

44.70 Wash... 12 lks. wide course, S. E.

43.30 Trail bears N. E. and S. W.

CHAINS Subdivision T 23 N E 17 E

43.50 Wash...12...lks. wide course, N. E. (same)

57.30 Trail bears N. and S.

59.00 Wash...5...lks. wide course, S. E. (same).

60.09 Set a sandstone...28...X...11...X...7...ins.,...21...ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on...N...
face, dug pits 16x18x12 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,

69.00 Trail bears N. E. and S. W.

78.20 Trail bears N. E. and S. W.

80.12 To the $\frac{1}{16}$ sec. cor.

Surface rolling and broken.

Soil 2nd and 3rd. rate.

Grass poor

Thence I continue N. 001' N.
bet. Secs. 23 and 24

24.00 Ascend.
Trail bears N. E. and S. W.

25.00 Top of ridge 80 ft. high bears
N. N. and S. E. Descend.

30.00 Foot. bears N. N. & S. E.

CHAINS Subdivisions T 28 N R 17 E

40.00

Set a sandstone $1\frac{1}{4} \times 10 \times 6$ ins. $\times 9$ 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

Small peak runs around cor.

Mi-tou-ovi bears. S. 35° W.

Si-paul-ovi " S. 52° W.

Then I run east on a random line through middle sec. 24.

To 13° E.

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-4 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

80.28

Intrant east boundary of Township 29 links north of $\frac{1}{4}$ sec. cor. thence I run N. $89^{\circ} 51'$ W. on a true line through middle sec. 24.

CHAINS Subdivisions T. 28 N. R. 17 E.

Va. 13° N' E.

Ascending

- 41.50 Entire cornfield bears, N. W. & S. E.
- 20.07 Set a sandstone 12 X 9 X 6 ins. 8 ins. in the ground, for 6. Sec. Cor., marked 6 on N. face, dug pits 18x18x12 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,
- 26.20 Clear field bears. N. W. & S. E.
- 33.10 Trail bears N. E. and S. W.
- 40.14 Deposited a marked stone 12 ins. in the ground, for 4. Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 4 S. on N. face,
- 40.15 Trail bears N. E. and S. W.
- 54.00 Trail bears N. E. and S. W.
- 60.21 Set a sandstone 12 X 10 X 5 ins. 8 ins. in the ground, for 6. Sec. Cor., marked 6 on N. face, dug pits 18x18x12 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,
- 65.90 Trail bears N. E. and S. W.

Subdivisions T. 28 N R. 17 E.

90.38

Th 14 sec. cor.
 Surface rolling
 Soil 2nd. rate.
 Grass poor.

Thence I continue N. 10° 1' N,
 bet. Secs. 23 and 24.

50.30

Wash... 15... lks. wide course, east.

60.00

Set a sandstone... 9... X... 8... X... 7... ins., 6... ins.
 in the ground, for 1/6 Sec. Cor., marked 1/6 on... W...
 face, dug pits 18x18x12 ins., N... and B... of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

Thence I run east
 on a random line
 through north 1/2 sec. 24
 Ya. 130 15' E.

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

80.24

Subtract east boundary

CHAIN Subdivisions T. 2 N. 17 E.

of township 12 line
north of 1/6 sec. cor.
then I run $71.89^{\circ} 55' 7''$
on a true line through
north "2" sec. 24.
 $70.13^{\circ} 15' E$

Round gradually.

- 3.00 Enter field fence N. and S.
- 8.30 Leave " " " " "
- 12.50 Trail bears N. E. and S. W.
- 20.16 Deposited a marked stone 12 ins. in the ground, for 1/6 Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/6 S, on N. face,
- 24.50 Trail bears N. E. and S. W.
- 30.50 Trail bears N. E. and S. W.
- 40.12 Deposited a marked stone 12 ins. in the ground, for 1/6 Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/6 S, on N. face,

Subdivisions T 28 N R 17 E.

52.10	Trail bears N. E. and S. W.
60.00	Wash.....10.....lks. wide course, <i>DE.</i>
60.18	Set a sandstone... ²⁴ X ²⁰ X ⁶ ...ins... ¹⁵ ins. in the ground, for $\frac{1}{4}$ S. Sec. Cor., marked $\frac{1}{4}$...on...N... face, dug pits 18x18x12 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,
64.00	Enter field from N. and S,
71.00	Survey " " " "
80.24	The $\frac{1}{4}$ S. E. cor. Surface rolling Suff. Ind. rate Grass poor.
	<hr/>
	Bound I continue N. 00 N. H. H. Sec. 23 and 24
63.50	Trail bears N. E. and S. W.
80.00	Set a sandstone... ¹⁵ X ¹² X ⁶ ...ins... ¹⁰ ... ins. in the ground for Cor. to Secs. ¹³ ¹⁴ ²³ and ²⁴ marked with... ³ ...notches on S. and... ¹ ...notch on E. edges, dug pits 18X18X12 ins. in each Sec. 5 1-2 ft. dist. and raised a mound of earth 2 ft. high, 4 1-2 ft. base, alongside.

CHAINS, Subdivisions T-28 N13°E R. 17 E.

Surface rolling soil moderate
 Good Grass
 No Brush -

Trance I run east on a
 random line bet. Sec. 13 and 24
 Ta. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.08 Intersect west boundary
 of Township 13 links north
 of the cor. to Sec. 13, 18,
 19 and 24. Thence I run
 N. 89° 54' W. on a true
 line bet. Sec. 13 and 24
 Ta. 13° 15' E.

5,40 Trail from N.E. and S.W.

13.00 Enter cornfield east, N. 1/2 S.

Subdivisions T. 28 N R. 17 E.

29.02

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist.; and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on N. face,

41.00

Soon cornfield from NW and SE

48.60

Enter " " NE and SE

49.04

Set a sandstone $14 \times 12 \times 3$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits 18x18x12 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,

47.30

Soon cornfield from NW and SE

Trail from NE and SW

53.70

Enter cornfield from NW and SE

55.00

Soon " " " "

60.06

Set a sandstone $12 \times 9 \times 6$ ins., 8 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits 18x18x12 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,

80.08

The cor. to secs. 13, 14, 23 and 24

Surface rolling
Soil Ind. rate

No Grass -

CHAIN'S Subdivisions T 28 N 17 E

N. 10° W. Set. Secs. 13 and 14
70. 13° E.

over small hills and ridges

17.50 Big Rail bears N.E. and W.

20.00 Set a sandstone 15 X 7 X 6 ins., 10 ins.
in the ground, for ~~1/16~~ Sec. Cor., marked ~~1/16~~ on W...
face, dug pits 18x18x12 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,

Thence I run past on
a random line through
south 1/2 sec. 13.
70. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

79.96 Subdiv. east boundary of
township 6 lines north
of 1/16 sec. cor. Thence
I run N. 89° 57' W. on
a true line through south

No. 570

BOOK 570 81

Subdivisions T. 28 N R. 17 E

1/2 sec. 13.

To. 13 45 E

Over gently rolling surface.

3.50 Enter field from NW and SE,

9.50 Same " " " " " "

19.99 Set a sandstone 9 X 8 X 7 ins. 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N face, dug pits 18x18x12 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,

24.00 Enter field from NW and SE,

39.98 Deposited a marked stone 12 ins. in the ground, for 1/4 Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S, on N face,

41.00 Same field from NW and SE,

43.60 Trail from NE and SW,

59.97 Deposited a marked stone 12 ins. in the ground, for 1/4 Sec. Cor., dug pits 18X18X12 ins. E. and W. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S, on N face,

CHAINS Subdivisions T 28 N 17 R 17 E

- 64.00 Enter field bear. NW and SE.
 66.00 Trail bears NE and SW
 67.00 Saw field bear. NW and SE.
 74.00 Big trail bear. NE and SW
 79.96 The 1/6 sec. cor.

Surface rolling
 Soil 3rd rate
 Some Grass

Thence I continue 71.00 N.
 bet. Sec. 13 and 14

29.00 Mark 12 links wide corner post.

40.00 Set a sandstone $14 \times 12 \times 6$ ins., 9 ins.
 in the ground, for $1/4$ Sec. Cor., marked $1/4$ on W.
 face, dug pits $18 \times 18 \times 12$ 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,

Quail Rock bears $71.85^{\circ} 30' N$.
 about 15. chs. distant.

Thence I run out
 on a random line

CHAINS: Subdivisions T. 28 N R. 17 E

Through middle section 13.
 Ya. $13^{\circ} E$

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

81.20 Intersect east boundary
 of township 14 lands
 north of 1/4 sec. cor.
 then I run $71.89^{\circ} 54'$
 N. on a true line
 through middle sec. 13.
 Ya. $13^{\circ} 15' E$

Ascend gradually

114.00 Trail bears 71.8 , and SW .

20.05

Deposited a marked stone 12 ins. in the ground,
 for $1/16$ Sec. Cor., dug pits $18 \times 16 \times 12$ ins. E....and
W...of corner 5 1-2 ft. deep, and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In...E...pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $1/16$...S, on...N...face,

31.00

Trail bears 71.8 , and SW ,

CHAINS Subdivisions T 28 N R 17 E

40,10 Set a sandstone $10 \times 8 \times 7$ ins. 7 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside.

42,01 Enter cornfield near Naud's,

45,50 Leave " " " "

53,50 Trail bears N.E. and S.W.

55,00 " " " " " "

64,15 Set a sandstone $20 \times 10 \times 4$ ins. 15 ins. in the ground, for $1/16$ Sec. Cor., marked $1/16$ on N. face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

80,20 To the $1/4$ Sec. Cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thence I continue N. 00' W.
bet. Sec. 13 and 14.

48,00 Trail bears N.W. and S.E.

53,00 Mark 8 links wide course west

Subdivisions T. 28 N. R. 17 E.

56.50 Stake 8 links wide corner east.

57.00 Trail from N.W. and S.E.

60.00 Set a sandstone 14 X 12 X 6 ins. 9 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on W. face, dug pits 18x18x12 ins. N₁ and S₁ of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

Thence I run east on a random line through north $\frac{1}{2}$ sec. 13.

To 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.08 Intersect east boundary of township 5 links north of $\frac{1}{16}$ sec. cor.

Thence I run N. 89° 58' E, on a true line through north $\frac{1}{2}$ sec. 13.

To 13° 15' E.

CHAINS Subdivisions T. 22 N. R. 17 E.

1300 Enter cornfield from N.E. and SW.
1900 Leave " " " "

2902 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. E... and
...W... of corner 5 1-2 ft. dist. and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In...E... pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S, on...N... face,

39.51 Trail from N.E. and SW.

4204 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. E... and
...W... of corner 5 1-2 ft. dist. and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In...E... pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S, on...N... face,

6006 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. E... and
...W... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In...E... pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S, on...N... face,

7500 Trail from N.E. and SW.

7680 " " " "

8008 The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Subdivisions T. 28 N R. 17 E

Thence I continue N. 00° 11' W,
bet. Secs. 13 and 14,

71.10 Trail bears N.E. and S.W.,

80.00 Set a sandstone 24 X 16 X 4 ins. 18
ins. in the ground for Cor. to Secs. 11, 12, 13 and 14
marked with H... notches on S. and L... notch on E.
edges, dug pits 18X18X12 ins. in each Sec. 5 1-2 ft.
dist. and raised a mound of earth 2 ft. high, 4 1-2 ft.
base, alongside.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

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

74. 130° E,

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.00 Intersect east. boundary
of township at cor. to

CHAINS Subdivisions T 28 N R 17 E

Secs 7, 12, 13 and 18. *thing*
 I run shot on a tree
 line bet. Secs. 12 and 13
 Feb. 1890 15° E.

Ascend gently.

20.00

Deposited a marked stone 12 ins. in the ground,
 for 1/6 Sec. Cor., dug pits 18X18X12 ins. E. and
 W. of corner 5 1-2 ft. dist., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked 1/6 S, on N. face,

25.00 *Enter cornfield bears. NW and SE.*
 30.50 *Same " " " "*

40.00

Deposited a marked stone 12 ins. in the ground,
 for 1/4 Sec. Cor., dug pits 18X18X12 ins. E. and
 W. of corner 5 1-2 ft. dist., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked 1/4 S, on N. face,

46.80

Trail bears. NE and SW

55.50

" " " " " Big-

60.00

Deposited a marked stone 12 ins. in the ground,
 for 1/6 Sec. Cor., dug pits 18X18X12 ins. E. and
 W. of corner 5 1-2 ft. dist., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked 1/6 S, on N. face,

PLAINS Subdivisions T. 28 N R. 17 E.

71.40

Trail from N.B. and SW.

80.00

The cor. to sec. 11, 12, 13 and 14

Surface gently rolling.

Soil 2nd rate.

Grass fair.

I discontinue the survey
of this tier of sections
as sections 1 and 12 are
rough and mountainous

May 26th 1891

CHAINS Subdivisions T. 28 N R. 17 E.

From the cor. to sec. 2, 3, 34
and 35 on the south bound-
ary of the township, I run
N. 11° N. bet. sec. 34 and 35
Ta. 13° E.

Over gently rolling surface.

20.00

Set a sandstone... 11... X... 10... X... 5... ins.,... 7... ins.
in the ground, for 1/16 Sec. Cor., marked, 1/16 on... W...
face, dug pits 18x18x12 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,

Thence I run east on a
random line through south
1/2 sec. 35.

Ta. 13° E.

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

80.00

Subtract N. and S. line 8
links north of cor. to sec

CHAINS Subdivisions T. 28 N. R. 17 E.

25, 26, 35 and 36. *Thru* I
run 71. 89° 57' N. on a
 true line through south
 1/2 sec. 35.

74. 13° E.

Over gently rolling surface.

20.02

Set a sandstone 12 X 8 X 6 ins., 8 ins.
 in the ground, for 1/6 Sec. Cor., marked 1/6 on N...
 face, dug pits 18x18x12 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,

23.00

Trail bears N. W. and S. E.

23.50

Trail bears N. W. and S. E.

25.80

Trail bears N. W. and S. E.

28.50

Trail bears N. W. and S. E.

40.04

Set a sandstone 10 X 8 X 7 ins., 7 ins.
 in the ground, for 1/6 Sec. Cor., marked 1/6 on N...
 face, dug pits 18x18x12 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,

50.00

Trail bears N. W. and S. E.

56.00

Wash... 14... lks. wide course, south

57.80

Trail bears 77 and S.

42

CHAINS. Subdivisions T 27 N 03 R 17 E.

60.06 Set a sandstone 14 X 12 X 3 ins., 9 ins. in the ground, for 1/16 Sec. Cor., marked 14 on N face, dug pits 18x18x12 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,

80.08 The 1/16 SEC. COR.

Surface gently rolling.

Soil 2nd rate,

Grass fair.

Thence I continue N. 0° 1' W. bet. S.W. 34 and 35,

40.00 Set a sandstone 14 X 12 X 3 ins., 9 ins. in the ground, for 1/16 Sec. Cor., marked 14 on W face, dug pits 18x18x12 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,

Thence I run east on a random line through middle sec. 35.

Va. 130 E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

CHAINS Subdivisions T. 28. N. R. 17. E.

80.04 Subtract N. and S. line 11
links North of the 14
sec. cor. Then I run
N. 89° 55' W. on a true
line through middle sec 35.
To 13° E.

Over gently rolling surface.

1.10 Trail bears N. W. and S. E.

1.10 Wash.....8.....lks. wide course, south

2.00 Set a sandstone 2.4 X 2.0 X .5 ins., 18 ins.
in the ground, for 1/4 Sec. Cor., marked 1/6 on N.
face, dug pits 18x18x12 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,

20.05 Wash.....8.....lks. wide course, SW.

25.50 Wash...8.....lks. wide course, SW.

8.50 Entire field bears N. and S.

1.00 Leave " " " " "

2.00 Trail bears N. W. and S. E.

38.50 Trail bears N. W. and S. E.

CHAINS Subdivisions T. 28 N. R. 17 E.

40.02

Set a sandstone $9 \times 8 \times 7$ ins., 6 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

42.50

Trail bears N. W. and S. E.

52.00

Wash $7 \frac{1}{2}$ lks. wide course, *2007*

60.03

Set a sandstone $10 \times 8 \times 7$ ins., 7 ins. in the ground, for $\frac{1}{6}$ Sec. Cor., marked $\frac{1}{6}$ on N. face, dug pits $18 \times 18 \times 12$ 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,

64.20

Trail bears N. W. and S. E.

65.50

Trail bears N. W. and S. E.

68.00

Trail bears N. W. and S. E.

78.80

Trail bears N. W. and S. E.

80.04

1/4 Sec. cor.

Surface gently rolling.

Soil *2nd* rate.

Grass fair.

Subdivisions T 28 N. R. 17 E

Thence I continue N. 0° 1' W,
bet. Secs 34 and 35.

50.00

Trail bears N. E. and S. W.

60.00

Set a sandstone 12 X 10 X 6 ins., 8 ins.
in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{16}$ on W. face,
dug pits 18x18x12 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,

Thence I run east on a
random line through north $\frac{1}{2}$
Sec. 35.

γ_4 , 13° E.

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

79.95

Intersect N. and S. line 3
links south of the $\frac{1}{16}$ sec.
cor. Thence I run
S. 89° 59' W. on a true line
through north $\frac{1}{2}$ sec.
35.

CHAINS. Subdivisions T. 28 N. R. 17 E.

Ta. 13° E.

10.50 Trail bears N. and S.

15.50 Wash 10 links wide course south

19.99

Set a sandstone $24 \times 14 \times 8$ ins., 18 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 8 1-2 ft. base, alongside,

28.00

Wash 10 links wide course, SW.

32.20

" 12 " " " "

32.20

" 10 " " " "

39.98

Set a sandstone $16 \times 10 \times 4$ ins., 11 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 8 1-2 ft. base, alongside,

40.75

Trail bears N. W. and S. E.

41.75

Trail bears N. W. and S. E.

46.50

Trail bears N. W. and S. E.

51.50

Trail bears N. S. and wash 12 links wide course S.

52.60

Trail bears N. and S.

59.96

Set a sandstone $12 \times 10 \times 10$ ins., 8 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 8 1-2 ft. base, alongside,

CHAINS Subdivisions T. 28 N R. 17 E

- 60.30 Trail bears N. and S.
- 74.00 Wash.....12...lks. wide course, south
- 74.20 Trail bears N. W. and S. E.
- 78.00 Trail bears N. W. and S. E.
- 79.95 To 1/16 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Some Grass

Thence I continue N. 0° 1' N.
bet. Secs. 34 and 35.

- 72.00 Trail bears N. W. and S. E.
- 79.00 Trail bears N. W. and S. E.

Set a sandstone 24 X 16 X 4 ins. 18
ins. in the ground for Cor. to Secs. 26, 27, 34 and 35
marked with...1...notches on S. and...2...notches on
E. edges, and raised a mound of stone 1 1-2 ft. high, 2
ft. base, alongside. Pits impracticable.

Surface rolling

Soil 2nd rate

Some Grass

CHAINS. Subdivisions T 28 N. R. 17 E.

East on a random coil
bet. sec. 26 and 30,
Ta. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

80.12 Intersect N. and S. line 1.0 lks. south of Cor. to
Secs. 25, 26, 30 & 36. Thence I run 0.89056' N.
on a true line bet. Secs. 26 and 30.

Ta. 13° E.

over rolling country

1.20 Wash.....20.....lks. wide course, S. 20° E.

12.80 Trail bears N. W. and S. E.

16.00 Trail bears N. W. and S. E.

17.50 Wash.....70.....lks. wide course, south

19.20 Trail bears N. and S.

20.13 Set a sandstone 14 X 12 X 3 ins., 9 ins.
in the ground, for 1/16 Sec. Cor., marked 1/16 on N...
face, dug pits 18x18x12 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,

thru over south points of spurs.

CHAINS. Subdivisions T. 28 N. R. 17 E.

006

Set a sandstone $18 \times 14 \times 2\frac{1}{2}$ ins., 12 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 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

8.20

Wash... 14... lks. wide course, SW

0.50

Wash... 15... lks. wide course, S100W,

009

Set a sandstone $14 \times 10 \times 8$ ins., 9 ins.
 in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on N...
 face, dug pits $18 \times 18 \times 12$ 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,

S.W.

012

The cor. to SW, 26.27.34 & 35

Surface rough and rolling

Soil 3rd rate

Grass scarce.

CHAINS. Subdivisions T. 28 N. R. 17 E.

N. 10° N. lat. Sec. 26 and 27

74. 13° E.

14.00 over mountainous country
 make about 4000 East of line.
 20.00 Set a sandstone 20 X 16 X 2 ins., 15 ins.
 in the ground, for 1/6 Sec. Cor., marked 1/6 on W. face,
 dug pits 18x18x12 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,

It is impossible to run east from this cor. or to subdivide sec. 26 on account of perpendicular bluffs some of which are 75 ft. high. Therefore I run West on a true line through south 1/2 sec. 27.

74. 13° E.

over rough and rolling country

3.50

Trail bears N. .. and S. ..

~~4.50 Wash. 200 yds. wide course, S.E.~~

Subdivisions T. 28 N. R. 17 E.

0.00 Set a sandstone...16 X 16 X 12...ins...16...
ins. in the ground, for...16 Sec. Cor., marked...16...on
...N...face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

220 Trail bears N. E. and S. W.

2.20 Wash...20...lks. wide course, SW
0.00 Set a sandstone...16 X 14 X 12...ins...11...
ins. in the ground, for...16 Sec. Cor., marked...16...on
...N...face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

0.00 Set a sandstone...24 X 12 X 2...ins...18...
ins. in the ground, for...16 Sec. Cor., marked...16...on
...N...face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

Impracticable to run farther west.

Surface rough

Soil 2d rate

No Grass

Then I continue N. 0° 1' N.
bet. Secs 26 and 27.

31.50 Enter peach orchard.

3.50 Leave " "

40.00 Set a sandstone...12 X 8 X 6...ins...8...ins.
in the ground, for...14 Sec. Cor., marked...14...on...W...
face, dug pits 18x18x12 ins., N. and S...of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 8 1-2 ft. base, alongside,

Surface mountainous, soil 4th rate no grass

Subdivisions T. 28 N R. 7 E.

Spring in N.E. 1/4 S.E. 1/4
 sec. 27. and in S.W.
 1/4 of N.W. 1/4 sec. 26.

I found I run that on
 a true line through
 middle sec. 27.

Ya. 13° E.

over mountainous country

1.00 Wash... 20... lks. wide course, S.E.

2.00 Trail bears N.W. to spring

20.00 Set a sandstone $\frac{26}{16}$ X $\frac{12}{12}$ X $\frac{3}{12}$ ins., $\frac{11}{12}$ ins.
 in the ground, for $\frac{11}{16}$ Sec. Cor., marked $\frac{11}{16}$ on N. face,
 dug pits 18x18x12 ins., E. and W. of stone
 5 1-2 f. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

21.20 Trail bears N. W. and S. E.

28.00 Enter field from N.S.

36.00 Leave " " " "

40.00 Set a sandstone $\frac{10}{10}$ X $\frac{10}{10}$ X $\frac{5}{12}$ ins., $\frac{7}{12}$ ins.
 in the ground, for $\frac{11}{16}$ Sec. Cor., marked $\frac{11}{16}$ on N. face,
 dug pits 18x18x12 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,

Subdivisions T. 28 N. R. 17 E.

Conifer mountains
 Diff. 3rd. rate
 No Grass.

Went on a foot trail
 through north $\frac{1}{2}$ sec.
 26. from $\frac{1}{16}$ sec. cor.
 Feb. Dec. 25 and 26.
 No. 130° E

Ascend more mountain

2.00	Trail bears N.E. and SW,	
5.00	" " S. 80° N. and N. 80° E.	} same
8.00	" " N. 80° N. and S 80° E.	
2.50	" " S. 80° N. and N. 80° E.	
00	" " N.E. and SW,	

To small spring about 400 ft north
 all of these trails
 lead to Mi-tou-ovi.

2.00 Perpendicular bluff which I
 mark with a cross (+)

CHAINS Subdivision's T. 28 N. R. 17 E.

at cor. point and 1/16
 and raised a mound of stone
 1 1/2 ft. high 2 ft. base along side
 on south side of trail
 Impossible to proceed further
 Surface mound about
 1/2 ft. high
 No Grass.

May. 25th 1891.

Subdivisions T. 28 N R. 17 E

From the cor. to s.w. 34. 33
and 34 on the south
boundary of the township
I run 71.00 2' N. bet.
Sws. 33 and 34,

$7a. 18^{\circ} E.$

Ascend gradually

Trail bears N. W. and S. E.

Trail bears N. E. and S. W.

Set a sandstone $13 \times 10 \times 4$ ins., 8 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on W. face,
dug pits $18 \times 18 \times 12$ 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,

Thence I run east on
a random line
through South $\frac{1}{2}$ sec 34
 $7a. 13^{\circ} E.$

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

26

CHAINS

79.92 Intersect N. and S. line 10 links south of 1/6 sec. cor. Hence I run S. 89° 56' W. on a true line through south 1/2 sec. 34

74. 13° E.

over rolling country

14.10 Trail bears N. E. and S. W.

19.98 Set a sandstone 12 X 8 X 6 ins., 8 ins. in the ground, for 1/6 Sec. Cor., marked 1/6 on N... face, dug pits 18x18x12 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,

23.00 Enter field bears N. and S.

25.50 Leave " " " "

36.00 Wash 50 lks. wide course, SW.

38.30 Trail bears N. E. and S. W.

38.50 Wash 41 lks. wide course, south.

39.96 Set a sandstone 11 X 10 X 5 ins., 7 ins. in the ground, for 1/6 Sec. Cor., marked 1/6 on N... face, dug pits 18x18x12 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,

Subdivisions T. 28 N. R. 17 E

4230 Trail bears N. W. and S. E.

5165 Trail bears N. W. and S. E.

5994 Set a sandstone $14 \times 12 \times 3$ ins., 9 ins. in the ground, for $1/16$ Sec. Cor., marked $1/16$ on N... face, dug pits $18 \times 18 \times 12$ 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,60.10 Wash 20 lks. wide course, SE.

79.81 Trail bears N. E. and S. W.

79.92 The $1/16$ sec. cor.

Surface rolling
Soil 2nd rotat
Grass thin

Thru I continue N. W. 2 N.
bet. Secs. 33 and 34

30.50 Wash 30 lks wide course SE.

40.00 Set a sandstone $16 \times 14 \times 4$ ins., 11 ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ on W... face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

Thru I run east on a

CHA'NS Subdivisions T. 28 N R. 17 E.

random line through middle sec. 34.

To. 13° E.

20.00 Set temporary 1-16 Sec. Cor.

40.00.....Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

79.98 Intersect N. and S. line 13 links south of 14 sec. cor. Hence I run S. 89° 54' W. on a true line through middle sec. 34.

To. 13° E.

over rolling country.

1.50 Trail bears N. and S.

16.70 " " N.E. and S.W.

19.98 Set a sandstone 12 X 8 X 6 ins., 8 ins. in the ground, for 1/16 Sec. Cor., marked 1/16 on N. face, dug pits 18x18x12 in., 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,

Subdivisions T. 28 N. R. 17 E.

CHAINS

- 25.00 Wash ³⁰.....lks. wide course, *south*
- 29.30 Trail bears N. E. and S. W.
- 31.70 Trail bears N. E. and S. W.
- 39.95 Set a sandstone ¹⁴ X ¹² X ⁵.....ins., ⁹.....ins.
in the ground, for ¹⁴ Sec. Cor., marked ¹⁴ on N.
face, dug pits 18x18x12 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,
- 41.30 Trail bears N. E. and S. W.
- 53.10 Trail bears N. E. and S. W.
- 56.10 Wash ²⁰.....lks. wide course, *SE.*
- 59.92 Set a sandstone ¹⁶ X ¹² X ³.....ins., ¹¹.....ins.
in the ground, for ¹⁶ Sec. Cor., marked ¹⁶ on N.
face, dug pits 18x18x12 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,
- 60.40 Trail bears N. W. and S. E.
- 66.10 Trail bears N. W. and S. E.
- 77.20 Wash ³⁰.....lks. wide course, *SE.*
- 79.90 The 14 sec. cor.
Surface rolling and broken
Soil Ind. Gate
Some Grass

BOOK 570

60

U. S. Surveyor-General's Office,

TUCSON, A. T., Feb. 6th 1887

The foregoing Field Notes of the Surveys of
Subdivisions T. 2 S. N. R
17. E. of the

Gila and Salt River Meridian
in Territory of Arizona executed by
John C. Smith

U. S. Deputy Surveyor, under his contract dated
November 2nd 1890

having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

Raper & Johnson

U. S. Surveyor-General
for the Territory of Arizona.