

Recd Nov 19th 1891.

Sent to Commr G.L.O

Feb. 6th 1892.

Approved March 18th 1892

33

BOOK 576

No. 576

4-671

576

FIELD NOTES

GENERAL LAND OFFICE

of the survey
of the

Subdivision Lines of
Township 28th Range 19th
Surveyed by John C. Smith

U. S. Dep. Sur

Under his contract No 16
Dated Nov. 1st 1890

Survey commenced Aug 24 1891
" completed " 29 1891

1B

Township No. 28 N.

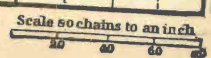
Range No. 19 E. 38 S. R.R. Mer.

1B

50	52	101	103	147	149	174	176					
645	50	599	101	145	147	372	174					
46	48	96	98	143	145	171	172	2				1
44	46	94	96	142	143	170						
42	44	92	94	139	141							
740	41	80	92	9	137	139		10				
37	39	88	90	135	137				11			12
35	37	86	88	133	135							
33	35	84	86	131	133	169						
181	32	172	83	16	128	131	15	157	168		140	144
28	30	80	81	127	129	165	166	180	182	184	188	144
36	38	78	79	125	127	163	164	179	180	184	188	144
23	26	75	77	123	125	160	162	175				
19	23	20	73	21	121	123	22	159	160	172		
18	20	71	73	119	121	156	158					
16	18	69	71	117	119	155	156					
14	16	67	68	115	116	152	154					
30	12	29	65	67	28	113	114	157	152			
10	11	63	65	111	112							
7	9	61	62	109	110							
5	7	59	60	107	108							
31	5	32	57	58	106	33						
1	3	54	56	105								
	1	54	56	105								
			54									

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True Meridian



10

BOOK 576

Subdivisions T. 28 N R. 19 E.

The eastern part of this township is not surveyed land, and as only 2 1/2 miles of the south boundary could be run I was compelled to close west on the west boundary.

No. 576

BOOK 576

CHAINS Subdivisions T. 28 N R. 19 E.

From the cor. to sec. 56. 31. and 32 on the south boundary of the township I run 71.0° $3' 24''$ bet. sec. 31 and 32.

7a. $13^{\circ} 05' E$.

Over gently rolling surface.

20.00

Deposited a marked stone 12 ins. in the ground, for ~~16~~ Sec. Cor., dug pits 18X18X12 ins. N. and S. of corner 5 1-2 ft. dia., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

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

Then I run West on a random line through south 1/2 sec. 31.

7a. $13^{\circ} 05' E$.

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

78.50

Intersect west boundary of township 5 links south of 116

CHAINS Subdivisions T. 28 N R. 19 E.

sec. cor thru I run
 S. 89° 58' E. on a true line
 through south 1/2 sec. 31.
 Ya. 13° E

1787 rolling country

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

1850 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{4}$ E. and
 $\frac{1}{4}$ 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 $\frac{1}{4}$ E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{4}$ S, on $\frac{1}{4}$ N. face,

2620 Trail bears N. W. and S. E.

3550 Trail bears N. W. and S. E.

3850 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{4}$ E. and
 $\frac{1}{4}$ 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 $\frac{1}{4}$ E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{4}$ S, on $\frac{1}{4}$ N. face,

5850 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{4}$ E. and
 $\frac{1}{4}$ 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 $\frac{1}{4}$ E. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{4}$ S, on $\frac{1}{4}$ N. face,

CHAINS Subdivisions T. 28 N R. 19 E.

7850 True 1/6 Sec. Cor.

Surface rolling

Soil 2nd. rate.

Good grass.

Some brush.

Thru I. cont. run 77° 0' 3" W.
 Set. MS. 31 and 32.

40.00 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{4}$ N. and
 $\frac{1}{4}$ S. 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 $\frac{1}{4}$ N. pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{4}$ S, on $\frac{1}{4}$ W. face,

Thru I run met on a random
 line through middle sec. 31
 Ya. 13° 05' 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.

7851 Intersect. mark. boundary of

CHAINS. Subdivisions T. 28 N R. 19 E.

of Township 11 lines
north of 1/16 sec. cor.
thru a line n. 89° 55' E.
on a line through
north 1/2 sec. 31.
79.13° E.

Over gently rolling surface.

7.75

Trail bears N. W. and S. E.

18.47

Deposited a marked stone 12 ins. in the ground,
for 1/16 Sec. Cor., dug pits 18X18X12 ins. on 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,

38.47

Set a sandstone 12 X 10 X 5 ins., 8 ins.
in the ground, for 1/16 Sec. Cor., marked 1/16 on N.
face, dug pits 18x18x12 ins. on 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,

58.47

Deposited a marked stone 12 ins. in the ground,
for 1/16 Sec. Cor., dug pits 18X18X12 ins. on 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,

CHAINS. Subdivisions T. 28 N R. 19 E.

78.47 thru 1/16 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thru a line continue n. 10° 31' W.
bet. sec. 31 and 32,

63.80

Trail bears N. W. and S. E.

80.00

Set a sandstone 16 X 16 X 16 ins. in
ins. in the ground for Cor. to Secs. 29, 31, 31 and 32
marked with notch on S. and notches 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.

Good grass.

Some brush.

Thru a line west on a
random line bet. sec.

CHAINS. Subdivisions T. 28. N R. 19. E.

of Township 11 lines
north of 1/16 sec. cor.
thence I run n. 89° 55' E.
on a true line through
north 1/2 sec. 31.
70. 13° E.

Over gently rolling surface.

7.75

Trail bears N. W. and S. E.

18.47

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,

38.47

Set a sandstone ~~12~~ X ~~10~~ X ~~5~~ 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,

58.47

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,

HAIN'S Subdivisions T. 28 N R. 19 E.

78.47 The 1/6 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Think I continue N. 100 3' N.
 bet. secs 31 and 32.

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

80.00 Set a sandstone... 16... X... 16... X... 16... ins... 11...
 ins. in the ground for Cor. to Secs... 29, 30, 31 and 32...
 marked with... notch on S. and... notches 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.

Good grass.

Some brush.

Think I run west on a
 narrow line bet. secs.

8

CHAINS Subdivisions T. 28 N R. 19 E

30 and 31.

7a. 13° 05' 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.

78.55 Intersect west boundary of Township 14 limits north of cor. to S.W. 25. 30. 31 and 36. Thence I run N. 89° 05' E. on a true line bet. S.W. 31. and 31.

7a. 13° E

Over gently rolling surface.

18.55 Set a sandstone 1.4 X 1.2 X .3 ins., 9 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,

38.55 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,

HAINS, Subdivisions T. 28 N R. 19 E.

58.55

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,

58.85

Trail bears N. W. and S. E.

98.55

The cor. to sec. 29, 30, 31 and 32

Surface gently rolling.

Soil 2nd rate.

Good grass.

Some brush.

Thence I run $77^{\circ} 31' 14''$ S. 29 and 30.

$74^{\circ} 13' 05''$ E.

Over gently rolling surface.

20.00

Deposited a marked stone 12 ins. in the ground, for ~~1/6~~ Sec. Cor., dug pits 18X18X12 ins. ~~N~~ and ~~S~~ 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 ~~N~~ pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ~~1/6~~ S, on ~~W~~ face,

CHAINS Subdivisions T. 28 N R. 19 E.

Thence I run west on a
random line through south
 $\frac{1}{2}$ sec. 30.

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

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

50.00 Set temporary 1-16 Sec. Cor.

78.40 Intersect west boundary
of township 10 miles
north of $\frac{1}{16}$ sec. cor.
Thence I run $77.89^{\circ} 56' E$
on a true line through
south $\frac{1}{2}$ sec. 30.

Pa. $13^{\circ} E$.

Over gently rolling surface.

18.40 Set a sandstone $14 \times 12 \times 4$ 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,

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

HA'NS. Subdivisions T. 28 N R. 19 E.

38.40

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{6}$ 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 $\frac{1}{6}$ S, on N. face,

58.40

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{6}$ 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 $\frac{1}{6}$ S, on N. face,

78.40

TA $\frac{1}{6}$ SEC. COR.

Surface gently rolling.

Soil rate.

Good grass.

Some brush.

Since I returned 7.00 3' H.

At sec. 29 and 30.

37.00

Trail bears N. W. and S. E.

40.00

Set a sandstone $\frac{1}{4}$ X $\frac{1}{2}$ X $\frac{8}{16}$ ins., $\frac{9}{16}$ ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ 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,

C. CHAINS Subdivisions T. 28. N R. 19. E.

- Thence I run west on a random
line through middle sec. 30,
Yd. $13^{\circ} 05' E$.
- 20.00 Set temporary 1-16 Sec. Cor.
- 40.00.....Set temporary 1-4 Sec. Cor.
- 60.00 Set temporary 1-16 Sec. Cor.
- 78.35 Intersect West Boundary of township
15 lines north of 44 sec. cor.
Thence I run $71.89^{\circ} 54' E$
on a true line through
middle sec. 30.
Yd. $13^{\circ} E$.
- Over gently rolling surface.
- 9.35 Trail bears N. W. and S. E.
- 10.95 Trail bears N. W. and S. E.
- 18.35 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, or N ... face,

No. 576

BOOK 576/3

CHAINS. Subdivisions T. 28 N R. 19 E.

8.35

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,

8.35

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{8}$ 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 $\frac{1}{8}$ S, on N. face,

8.40

Trail bears N. W. and S. E.

8.35

TA $\frac{1}{4}$ SEC. COR

Surface gently rolling.

Soil 2nd rate.

Good grass.

Some brush.

Stake 1 continued N. 0° 3' W.

St. SEC. 29 and 30.

220

Wash 100 yds. wide course, N. W.

CHAINS. Subdivisions T. 28 N R. 19 E.

60.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. N. and S. 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 N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on W. face,

Thence I run west on a random line through north $\frac{1}{2}$ sec. 30.

$\frac{3}{4}$ 13° 45' 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.

7836

Subtract west boundary of Township 8 miles north of $\frac{1}{16}$ sec. cor. Thence I run N. 89° 57' E. on a true line through north $\frac{1}{2}$ sec. 30.

$\frac{3}{4}$ 13° E.

Over gently rolling surface.

CHAINS. Subdivisions T 28 N R 19 E.

Trail bears N. W. and S. E.

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,

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,

Trail bears N. W. and S. E.

Wash $\frac{7}{8}$ lks. wide course, $\frac{1}{16}$.

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,

Surface gently rolling.

Soil $2\frac{1}{4}$ rate.

Good grass.

Some brush.

110

5836

3836

5061

5836

5836

7836

5/16 1/16 sec. cor.

CHAINS.

Subdivisions T. 28 N

R. 19 E.

Thence I continue $N. 0^{\circ} 3' W.$

bet. sec. 29 and 30.

80.00

Set a sandstone... $X...13...X...6...ins...17...ins.$ in the ground for Cor. to Secs. $19, 20, 29$ and 30 marked with $2...$ notches on S. and $5...$ notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec. 5 $1-2$ ft. dist. and raised a mound of earth 2 ft. high, 4 $1-2$ ft. base, alongside.

Surface gently rolling.

Soil 2^{nd} rate.

Good grass.

Some brush.

Thence I run west on
a random line bet. sec.
 19 and 30 .

$7^{\circ} 13' 05" E.$

20.00

Set temporary 1-16 Sec. Cor.

40.00

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

60.00

Set temporary 1-16 Sec. Cor.

78.30

Intersect west boundary

CHAINS Subdivisions T. 28 N. R. 19 E.

of Township 11 lines north of
Cor. To cns. 19, 24, 25 and 30.

Thence I run $71^{\circ} 55' 00''$ on
a true line bet. cns. 19 and 30.
 $74^{\circ} 13' 00''$ E.

Over gently rolling surface.

18.30 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,

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

34.30 Wash 50 lks. wide course, 71.77

38.30 Set a sandstone 12 X 12 X 4 ins. 8 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,

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

58.30 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,

18

BOOK 576

CHAINS. subdivisions T. 28. N R. 19. E.

- 69.43 Trail bears N. and S.
 77.50 Trail bears N. E. and S. W.
 78.30 The cor. to S.W. 19 20. 29th 20.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Some brush.

June 24th 1891

Thru 1st sec 21.0° 31' N.
 bet. S.W. 19 and 20.

Va. 13° 5' E.

- 40 Trail bears N. E. and S. W.
 1060 Trail bears N. E. and S. W.

20.00 Set a sandstone 1.8 X .9 X .7 ins., 12 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,

Thru 1st sec 21.0° 31' N.
 random line through
 south 1/2 sec. 19.

CHAINS. Subdivisions T. 28 N R. 19 E.

7a. 13° 05' 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.

78.32 Subtract west. boundary of township 14 miles north of 1/16 sec. cor. then I run N. 89° 54' E. on a true line through south 1/2 sec. 19.
7a. 13° E.

Over gently rolling surface.

800 Wash.....40.....lks. wide course, NW.

18.32 Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N...face,

38.32 Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N...face,

CHAINS. Subdivisions T. 28 N R. 19 E.

58.32

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ S. 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. ca. N. face,

62.88

Trail bears N. E. and S. W.

67.32

Trail bears N. W. and S. E.

75.00

Trail bears N. E. and S. W.

78.32

Sta $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil $\frac{2}{3}$ rate.

Good grass.

Some brush:

Stems I continue 27.00 3' N. 88'

secs 19 and 20.

25.20

Trail bears N. W. and S. E.

27.40

Trail bears N. E. and S. W.

28.08

Trail bears E. and W.

30.52

Trail bears N. E. and S. W.

PLAINS. Subdivisions T. 28 N R. 19 E.

36.40 Trail bears E. and W.

40.00 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins... N... and ... S... 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 N... pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$ S, on W... face,

Thru I run out on a
random line through middle
sec. 19.

$\frac{1}{4}$ 13° 05' 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.

78.44 Intersect west boundary of
Barns trap 20 links north
of $\frac{1}{4}$ sec. cor. Thru I
run $77.89^{\circ} 51' E.$ on a pit
line through middle sec. 19.
 $\frac{1}{4}$ 13° E.

Over gently rolling surface.

C. CHAINS Subdivisions T. 28 N R. 19 E.

1844

Deposited a marked stone 12 ins. in the ground, for ~~116~~ 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 ~~116~~ S, on ~~N~~ face,

38.44

Deposited a marked stone 12 ins. in the ground, for ~~116~~ 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 ~~116~~ S, on ~~N~~ face,

39.44

Trail bears N. W. and S. E.

58.44

Deposited a marked stone 12 ins. in the ground, for ~~116~~ 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 ~~116~~ S, on ~~N~~ face,

78.44

5th 1/4 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Some brush.

CHAINS. Subdivisions T. 28 N R. 19 E.

Chain I continues $77^{\circ} 0' 3''$ N. bet.

secs 19 and 20.

60.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. N. and S. 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 N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S. on W. face.

Chain I run west on a random line through north $\frac{1}{2}$ sec. 19.

$70^{\circ} 13' 05''$ 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.

78.40

Intersect west boundary of township 25 miles north of $\frac{1}{16}$ sec. cor. chain I run $71^{\circ} 49' 00''$ E. on a true line through north $\frac{1}{2}$ sec. 19.

CHAINS. Subdivisions T 28 N

R. 19 E.

7/2 13° E

9.95
18.40

Over gently rolling surface.
Trail bears N. W. and S. E.

Deposited a marked stone 12 ins. in the ground, for ~~115~~ Sec. Cor., dug pits 18X18X12 ins. and 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 pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ~~116~~ S, on face,

38.40

Deposited a marked stone 12 ins. in the ground, for ~~115~~ Sec. Cor., dug pits 18X18X12 ins. and 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 pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ~~116~~ S, on face,

58.40

Set a sandstone ~~7~~ X ~~8~~ X ~~6~~ ins., ~~8~~ ins. in the ground, for ~~115~~ Sec. Cor., marked ~~116~~ on face, dug pits 18x18x12 ins., and of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

78.40

The 116 sec. cor.

See next page

CHAINS. Subdivisions T 28 N R 19 E

To 130 E.

Over gently rolling surface.

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

1840 Set a sandstone 12 X 8 X 6 ins., 8 ins. in the ground, for 116 Sec. Cor., marked 116 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,

3840 Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

5840 Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

7840 5th 116 216 cor.
Surface gently rolling.

Soil 2nd rate.

Good grass.

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CHAINS. Subdivisions T 28 N R. 19 E.

Thru 1 section 71.0° 3' N. Set.

secs. 19 and 20.

80.00

Deposited a marked stone 12 ins. in the ground, for Cor. to Secs. 17, 18, 19 and 20, dug pits 18X18X12 ins. in each Sec., 5 1-2 ft. d. st., and raised a mound of earth 2 ft. high, 4 1-2 ft. base over it.

In S. E. pit drove a stake 2 ins. square, 2 ft. long 12 ins. in the ground, marked

T. 28 N. S. 17 on N. E.

R. 19 E. S. 20 on S. E.

S. 19 on S, W, and

S. 18 on N. W. faces, with 3 notches on

S. and 5 notches on E. edges.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Some brush.

Thru 1 new west on a random line Set. SWS.

18 and 19.

74. 13° 05' E

20.00 Set temporary 1-16 Sec. Cor.

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

CHAINS, Subdivisions T. 28 N. R. 19 E.

60.00 Set temporary 1-16 Sec. Cor.

7830 Intract west boundary of
 Township 20 miles north
 of Bor. to sec. 13, 18, 19
 and 24. String I run
 N. 89° 51' E. on a true
 line bet. sec. 18 and 19.
 To 13° E.

Over gently rolling surface.

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

15.30 Euter field bears N.W. and S.E.

18.30 Set a sandstone 12 X 12 X 4 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,

2.00 Spar field bears N.W. and S.E. (Malons)

7830 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,

28

CHAINS Subdivisions T. 28 N R. 19 E

5830

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{16}$ E. and $\frac{1}{16}$ 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 $\frac{1}{16}$ E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on $\frac{1}{16}$ N. face,

7830

The cor. to sec. 17, 18, 19 and 20

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thence I run $41^{\circ} 3' N$. bet. sec. 17 and 18.
 $74^{\circ} 13' 00'' E$

Over gently rolling surface.

1128

Trail bears $\frac{1}{2}$ E. and $\frac{1}{2}$ N.

20.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. $\frac{1}{16}$ N. and $\frac{1}{16}$ S. 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 $\frac{1}{16}$ N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on $\frac{1}{16}$ W. face,

Thence I run west on a

CHAINS, Subdivisions T. 28 N. R. 19 E.

random line through south

 $\frac{1}{2}$ sec. 18.

74 13° 05' 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.

78.30 Indirect West boundary of township 16 lines north of $\frac{1}{16}$ sec. cor. thence S. 77° 53' E. on a true line through south $\frac{1}{2}$ sec. 18.

74. 13° E.

Over gently rolling surface.

400 Wash.....lks. wide course, SW.

1830 Deposited a marked stone 12 ins. in the ground, for...Sec. Cor., dug pits 18X18X12 ins... and ...W...of corner 5 1-2 ft. d. t., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

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

CHAINS Subdivisions T. 28 N R. 19 E.

3830

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

5330

Trail bears N. E. and S. W.

5830

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

7830

T₄₁ 116 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thru S containing 71° 0' 3" N.
bet. sec. 17 and 18.

3765

Trail bears N. W. and S. E.

40.00

Set a sandstone 15 X 12 X 5 ins. 10 ins. in the ground, for 114 Sec. Cor., marked 114 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,

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CHAINS. Subdivisions T. 28 N. R. 19 E.

Then I run West on a
random line through middle
sec. 18.

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

20.00 Set temporary 1-16 Sec. Cor.

40.00Set temporary 1-4 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

78.42 Intersect west boundary of
township 15 lines north
of 1/4 sec. cor. Then I
run N. $89^{\circ} 54' E$. on a
true line through middle
sec. 18.

Ya. $13^{\circ} E$.

Over gently rolling surface.

18.42 Set a sandstone $16 \times 12 \times 4$ ins., 11 ins.
in the ground, for $1/6$ Sec. Cor., marked $1/6$ 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,

CHAINS. Subdivisions T 28 N R. 19 E.

38.42 Deposited a marked stone 12 ins. in the ground, for 14 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 14 S, on N face,

58.42 Deposited a marked stone 12 ins. in the ground, for 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 16 S, on N face,

60.45 Wash 150 lks. wide course, SW

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

78.42 5th 14 sec. cot.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thence I continue N. 0° S. W.
bet. sec. 17 and 18.

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

51.25 Wash 25 lks. wide course, SW

CHAINS. Subdivisions T. 28 N. R. 19 E.

- 56.90 Wash.....²⁵lks. wide course, *etc.* (course)
- 60.00 Set a sandstone ¹⁵ X ¹⁰ X ⁸ ins., ¹⁰ ins. in the ground, for ^{1/16} Sec. Cor., marked ^{1/16} on ^W face, dug pits 18x18x12 ins. ^W 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,
- Then I run west on a random line through north 1/2 sec. 18.*
- 70. 13° 05' 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.
- 78.45 *Intersect west boundary of township 10 miles north of 1/16 sec. cor. then I run N. 89° 56' E. on a true line through north 1/2 sec. 18.*
- 70. 13° E.*
- Over gently rolling surface.

CHAINS. Subdivisions T. 28 N R. 19 E.

18.45

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

38.45

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

58.45

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S, on N. face,

61.20

Trail bears N. E. and S. W.

67.20

Trail bears N. E. and S. W.

77.00

Wash 100 lks. wide course, *South*

78.50

The 116 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

CHAINS. Subdivisions T. 28 N R. 19 E.

Thence I continue $77.0^{\circ} 3' N$.

bet. secs. 17 and 18.

61.20 Road to Hearn's Canon bears E and W.

62.60 Wash...2.5...lks. wide course, *etc.* (same)

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

80.00 Deposited a marked stone 12 ins. in the ground, for Cor. to Secs. 7, 8, 17, and 18., 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 over it.

In S. E. pit drove a stake 2 ins. square, 2 ft. long 12 ins. in the ground, marked

T. 28 N. S. 8 on N. E.

R. 19 E. S. 17 on S. E.

S. 18 on S, W, and

S. 7 on N. W. faces, with 4 notches on S. and 5 notches on E. edges.

Surface gently rolling.

Soil ^{2nd} rate.

Grass fair.

Thence I run west
on a random line
bet. secs. 7 and 18
 $77.13^{\circ} 05' E$.

CHAINS Subdivisions T. 28 N R. 19 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.

78.46 Intersect ^{west} boundary of township ¹² lks.
^{north} of Cor. to Secs. 7, 12, 13 and 18

Thence I run $n. 89^{\circ} 55' E.$ on
a true line bet. secs. 7 and 18
 $7\frac{1}{2}$ $13^{\circ} E.$

Over gently rolling surface.

18.00 Eester field bears $n.$ and $s.$ 18.46 Set a sandstone ¹² X ¹² X ⁴ ins., ⁸ ins.
in the ground, for ¹¹⁶ Sec. Cor., marked ¹¹⁶ 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,28.45 Leaver field bears $n.$ and $s.$ 35.50 Trail bears $N. W.$ and $S. E.$ 38.46 Deposited a marked stone 12 ins. in the ground,
for ¹¹⁴ 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 ¹¹⁴ $S.$ on $N.$ face,

HAINS Subdivisions T. 28 N. R. 19 E.

58.46

Deposited a marked stone 12 ins. in the ground, for 116 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 116 S. on N. face,

8.46

On cor. to sec. 7, 8, 17 and 18

Surface gently rolling.

Soil 2^{nd} rate.

Grass fair.

July 25th 1891

Found I run 77.00 S. H. lat.

sec. 7 and 8.

To $13^{\circ} 25' E.$

6.20

Trail bears E. and N.

20.00

Deposited a marked stone 12 ins. in the ground, for 116 Sec. Cor., dug pits 18X18X12 ins. N. and S. 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 N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 116 S. on W. face,

Found I run west on a random line through south

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CHAINS. Subdivisions T. 28 N R. 19 E.

 $\frac{1}{2}$ sec. 7.Ya. $13^{\circ} 05' E$.

20.00 Set temporary 1-16 Sec. Cor.

40.00 Set temporary 1-16 Sec. Cor.

60.00 Set temporary 1-16 Sec. Cor.

7840 Subtract met boundary of township
5 links north $\frac{1}{16}$ sec. cor.thence I run $71.89^{\circ} 58' E$.

on a true line through

south $\frac{1}{2}$ sec. 7.Ya. $13^{\circ} E$.

Over gently rolling surface.

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

1340 Entire field bears N.W. and S.E.

1840 Set a sandstone $1\frac{1}{4} \times 1\frac{1}{2} \times 4$ 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,and have field bears
N.W. and S.E.

38.40

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,

58.40

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,

78.40

The 1/6 sec. cor.

Surface gently rolling.

Soil 2nd rate,

Grass fair.

Thence I continued 71° 0' 3" N.

bet. secs. 7 and 8.

40.00

Deposited a marked stone 12 ins. in the ground, for 1/4 Sec. Cor., dug pits 18X18X12 ins. N. and S. 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 N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S, on W. face,

CHAINS Subdivisions T. 28. N R. 19. E.

Thence I run west on a
random line through middle
sec. 7.

Pa. 15° 05' 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.

78.29 Subtract west boundary of
township at cor. To 1/4 sec.
Thence I run east on a
true line through middle
sec. 7.

Pa. 13° E,

Over gently rolling surface.

6.34 Road bears N.E. and S.W.

18.29 Set a sandstone 24 X 14 X 10 ins. 1 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, & 1-2 ft. base, alongside, and.

Center field bears N.W. and S.E.

CHAINS. Subdivisions T. 28 N R. 19 E.

23.80 Saw line from N. W. and S. E.

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

38.29 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,

58.29 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{6}$ 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 $\frac{1}{6}$ S, on N. face,

78.29 Saw $\frac{1}{4}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass poor.

Then I continue N. 0° 3' W.
bet. sec. 7 and 8

4630 Trail from E. and W.

CHAINS. Subdivisions T. 28. N R. 19. E.

60.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. \dots N \dots and \dots S \dots 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 \dots N \dots pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on \dots W \dots face,

Then I run west on a random line through north $\frac{1}{2}$ sec. 7.

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

20.00

Set temporary 1-16 Sec. Cor.

40.00

Set temporary 1-16 Sec. Cor.

60.00

Set temporary 1-16 Sec. Cor.

78.10

Intersect West boundary of township 8 miles north of $\frac{1}{16}$ sec. cor. Then I run N. $89^{\circ} 57' E.$ on a true line through north $\frac{1}{2}$ sec. 7.

To. $13^{\circ} E.$

Over gently rolling surface.

CHAINS. Subdivisions T. 28 N R. 19 E.

110 Wash.....lks. wide course, *SW.*

18.10 Set a sandstone *11* X *10* X *5* ins., *7* ins. in the ground, for *116* Sec. Cor., marked *116* 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,

2360 Trail bears N. E. and S. W.

38.10 Deposited a marked stone 12 ins. in the ground, for *116* 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 *116* S, on *N.* face,

3965- *Road bears. n.e. and SW.*

58.10 Deposited a marked stone 12 ins. in the ground, for *116* 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 *116* S, on *N.* face,

78.10 *Site 116 sec. cor.*

Surface gently rolling.

Soil *2* ^{*nd*} rate.

some grass and brush

444

CHAINS Subdivisions T. 28 N R. 19 E

Thence I continue N. 0° 3' N.

Set st. Sec. 7 and 8.

63.30 Road stews. N.E. and West

80.00

Deposited a marked stone 12 ins. in the ground, for Cor. to Secs. 5, 6, 7 and 8, 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 over it.

In S. E. pit drove a stake 2 ins. square, 2 ft. long 12 ins. in the ground, marked

T. 28 N. S. 5 on N. E.

R. 19 E. S. 8 on S. E.

S. 7 on S, W, and

S. 6 on N. W. faces, with notches on

S. and notches on E. edges.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thence I run west on a random line bet. Secs. 6 and 7.

To 13° 05' 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. 19 E.

48.23 Subsect - west boundary of township 15 miles north of Cor. to S.W.S. 16.7 and 12 where I run $77.89^{\circ} 54' E$ on a true line bet. S.W.S. 6 and 7.
 Ya. $13^{\circ} E$.

Over gently rolling surface.

1823

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,

2530

Wash.....25' lks. wide course, $5/10$ ft. deep.

58.23

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,

58.23

Set a sandstone 11 X 10 X 5 ins., 7 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. 19...E.

78.23 This cor. to SCS 5, 6, 7 and 8

Surface gently rolling.

Soil 2nd rate.Down grass and brushThence I run 77.0° $3'$ N. bet.

SCS. 5 and 6.

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

4.00 Discard stuff 25 ft. high

4.35 Wash 7...lks. wide course, west.

20.00

Set a sandstone 16... X 14... X 3... ins., 11... 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 west on a random, line through south 1/2 sec. 6.

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

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. 19 E.

7820 Subtract west boundary of township 15 miles north of 46 sec. cor. then I run N. 89° 54' E. on a true line through south 1/2 sec. 6.

To 13° E.

Over gently rolling surface.

1820 Set a sandstone ¹⁰ X ¹⁰ X ⁶ ins. ⁷ ins. in the ground, for ¹¹⁶ Sec. Cor., marked ¹¹⁶ 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,

3430 Trail bears N. E. and S. W.

3820 Set a sandstone ¹⁴ X ¹¹ X ⁹ ins. ⁹ ins. in the ground, for ¹¹⁶ Sec. Cor., marked ¹¹⁶ 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,

5820 Set a sandstone ¹² X ¹⁰ X ⁸ ins. ⁸ ins. in the ground, for ¹¹⁶ Sec. Cor., marked ¹¹⁶ 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,

820 The 116 Sec. Cor.

48 →

CHAINS. Subdivisions T. 28 N R. 19 E.

Surface gently rolling.

Soil ^{2nd} rate.

Dense grass and brush.

Shed 1 continues $71^{\circ} 0' 3''$ N. by E.

Sec. 5 and 6.

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

26.65 Trail bears E. and N.

28.40 Trail bears " " "

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

40.00

Set a sandstone $12 \times 12 \times 8$ ins. 8 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,

Shed 1 run west on a random line through middle sec. 6.

$71^{\circ} 15' E.$

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. 19 E.

78.17 Intersect west boundary of town
ship 14 links north of
1/4 sec. cor. about 1 mile
N. 89° 54' E. on a true
line through middle sec. 6.
Ta. 13° E.

Over gently rolling surface.

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

18.11 Set a sandstone 27 X 11 X 10 ins., 20 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,

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

48.11 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,

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

58.11 Set a sandstone 14 X 12 X 10 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,

CHAINS. Subdivisions T. 28 N R. 19 E.

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

78.11 *Set 14 sec. cor.*

Surface gently rolling.

Soil 3rd rate.

Some brush.

*Then I continue N. 0° 3' H.
Set sec. 6.*

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

60.00

Set a sandstone ¹³X ⁸X ⁷ins. ⁸ins.
in the ground, for ¹¹⁶Sec. Cor., marked ¹¹⁶on ^{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,

*Then I run west on
a random line through
north 1/2 sec. 6.*

Var. 13° 05' 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. 19 E.

28.08 Subdiv. west boundary of township at 1/6 sec. cor. This I mean east on a true line through north 1/2 sec. 6. Va. 13° E.

Descending

18.08 Set a sandstone 16 X 16 X 4 ins. 11 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,

28.00 Center field bears N. and S.

33.00 Same " " " "

38.08 Set a sandstone 24 X 14 X 10 ins. 18 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,

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

58.08 Set a sandstone 24 X 20 X 5 ins. 18 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,

CHAINS Subdivisions T 28 N R. 19 E.

7888 The 416 sec. cor.

Surface rough.

Only 2y. note

Some grass.

Then I continue 71.0° $3'$ N.
bet. sec. 5 and 6.

ascend mesa.

7990 Intersect 7th standard north.
88 links east of 44 sec. standard
cor. on south boundary
sec. 31.

Set a sandstone $24 \times 20 \times 10$
ins. 18 ins. in the ground
for closing cor. to sec.
5 and 6 marked C.C. on S.
and 5 notches on east and
1 notch on N. edge—
and raised a mound

BOOK 576

53

CHAINS Subdivisions T. 28^N R. 19^E

of about $2\frac{1}{2}$ ft. high 3 ft.
base along side.

Pits impracticably

Surface rolling 60 chs.

mountainous 19.90 chs.

Soil 3rd. roll.

Grass poor.

June 26th 1891

CHAINS. Subdivisions T.28 N R.19 E.

From the cor. to ~~ms.~~ 4.5, 32 and
33 on the south boundary
of the township. I run
71° 00' 2" N. 2' N. 32 and 33
Ta. 13° 00' E.

Over gently rolling surface.

5.90 Wash...⁵⁰...lks. wide course, 71°.

11.90 Wash...⁵⁰...lks. wide course, 71°.

20.00

Set a sandstone ¹² X ¹⁰ X ⁵ ins. ⁸
ins. in the ground, for 1-16 Sec. Cor., marked ¹¹⁶ on
...^{W.} face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

Then I run 71°
on a random line
through south 1/2 sec.
32.

Ta. 13° 05' 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. 19 E.

4994 Subdiv. N. and S. line 16 links
south of 1/16 sec. cor.
then I run S 89° 53' E on
a true line through
south 1/2 sec. 32,
Ta. 13° N 7 E.

Over gently rolling surface.

1998 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,

3997 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,

4775 Trail bears N. W. and S. E.

5996 Set a sandstone 12 X 10 X 9 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. 19 E.

7446 Wash.....⁵⁰lks. wide course, ^{N.W.}

7994 Then 1/6 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Then I continue 77.0° ^{N.}
bet. sec. 32 and 33.

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

37.95 Wash.....10 lks. wide course, ^{N.W.} 25 ft. deep

40.00

Deposited a marked stone 12 ins. in the ground,
fer. 1/4 Sec. Cor., dug pits 18X18X12 ins.N. and
...S. 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 ...N. pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked 1/4 S, on ...W. face,

Then I run out on
a random line through
middle sec. 32.

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

20.00

Set temporary 1-16 Sec. Cor.

CHAINS, Subdivisions T. 28^N R. 19^E

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

60.00 Set temporary 1-16 Sec. Cor.

7984 Intersect n. and s. line
 15 links south of 1/4 sec.
 cor. thence I run S 89° 54' E
 on a true line through
 middle sec. 32.
 Ya. 13° 05' E.
 ascend gradually.

19.96 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 G.S. on N. face,

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

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

39.92 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 G.S. on N. face,

CHAINS, Subdivisions T. 28 N R. 19 E.

5988

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. d. t., 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,

7790

Trail bears N. W. and S. E.

78.50

Wash... lks. wide course, $\frac{1}{16}$ N. 25 ft. d. p.

79.84

S. 1/4 sec. C. T. T.

Surface gently rolling.

Soil 2nd rate;

Good grass.

Thence I continue 71.0° 2° N.
bet. 102° 32 and 33.

50.30

Trail bears N. W. and S. E.

60.00

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

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

Thence I run west.

U. S. Surveyor-General's Office,

TUCSON, A. T., *Feb. 6th* 1882

The foregoing Field Notes of the Surveys of
Subdivisions of T^h 20ⁿ N.
R. 19^e E. of the

Gila and Salt River Meridian

in *Arizona* executed by

John B. Smith

U. S. Deputy Surveyor, under his contract dated
November 1st 1890

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

Rayce Johnson

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