General Land Office • Original Field Notes

Book Number

779

W.W. Alt Subdivision of T 24 N - R 39 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.

"Duplicate X"

(4—679.)

Ex 11-22-1893
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Received with letter from W. W. Alt. U.S. Surveyor dated Sept 13, 1896 - 98725-'96

FIELD NOTES

OF THE SURVEY OF

Subdivision and Claim Lines of Township No. 24 N., Range 39 W

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States ~~Deputy~~ Surveyor,

Under his Contract ~~No.~~ _____, dated December 26, 1894

Survey commenced October 16, 1895.

Survey completed December 10, 1895.

(1319—2,500.)

Nebr W/3

Names and Duties of Assistants.

Clarence R. Haggard, Chainman.

Sidney Blout, Chainman.

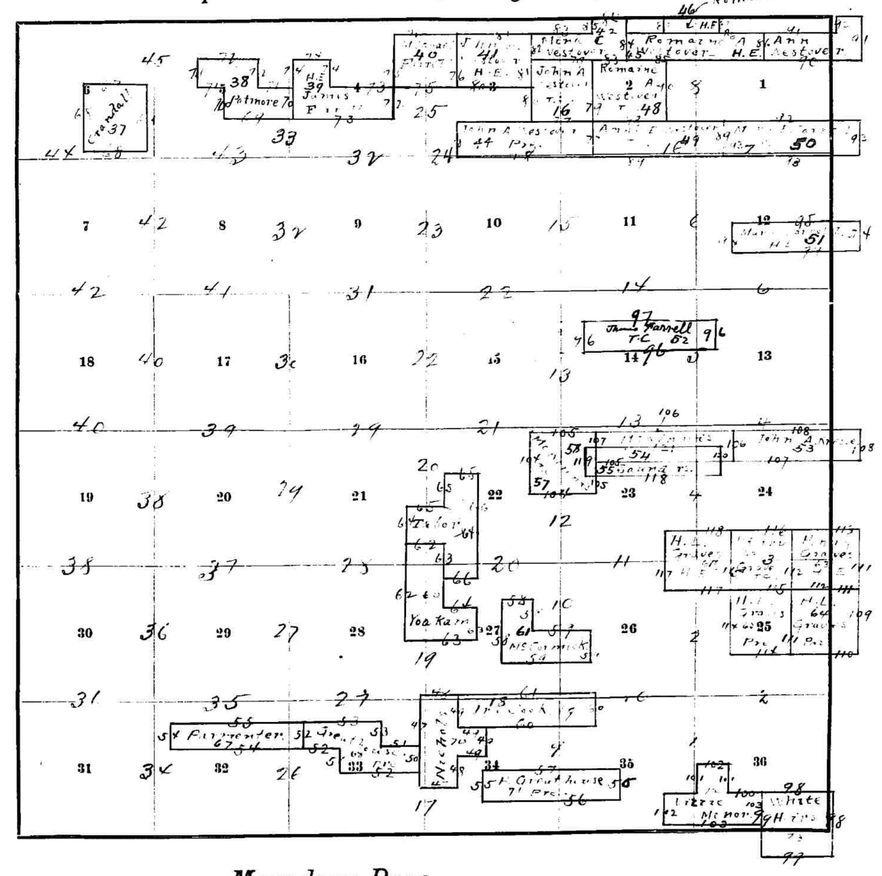
Theodore Keeland, Flagman.

James C. Rosengren, Moundman

Albert H. Andrews, Moundman

INDEX DIAGRAM.

Township 24 N., Range 39 W.



Meanders Page

Preliminary Oaths of Assistants.

WE, ...

.....

.....

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain over even and uneven ground, and plumb the tally-pins either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of the .....

.....

.....

.....

.....

..... *, Chainman.*

..... *, Chainman.*

..... *, Chainman.*

..... *, Chainman*

Subscribed and sworn to before me this .....
day of ..... , 18 .

.....

.....

WE, ...

.....

do solemnly swear that we will well and truly perform the duties of axemen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the .....

.....

.....

.....

.....

Subscribed and sworn to before me this .....
day of ..... , 18 . } ..... *, Axeman.*
..... *, Axeman.*

.....

.....

6—151

Subdivision of T. 24 N. R. 39 W.

	Chains	
		The initial directions of the meridional section lines of this township were given by turning angles of 90° to the North from the tangent which was ranged out and left marked on the south bdy. of the Twp.
		N. 0°01' W. betn secs 35 & 36. descend gradually along N. slope
	13.30	Trail: bears N 80° W.
	13.48	Wire fence: bears N 80° W.
	15.00	Center of track, Burlington and Missouri River railroad; bears N. 80°02' W. & reverse.
	15.58	Telegraph line: N. 80°02' W.
	17.55	Wire fence "
	28.00	Foot of range: bears N 70° E. & S. 50° W. ascend.
	38.00	Top of ascent 40 ft high; thence along S face.
	40.00	Deposit a chamfered stake 12 ins in the ground for 1/4 sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked 1/4 S., on west face.
	43.00	Top of range: thence over rolling ground.
	52.00	Begin descent along N slope.
	70.00	Bottom of descent. thence over rolling ground sloping west.
	80.00	Deposit a chamfered stake 12 ins in the ground for cor of secs 25. 26. 35. & 36. dig pits 18x18x12 ins in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

chains	
	T24N S 25. on NE R39W S 36. on SE. S 35. on SW. and S 26. on NW faces. with 1 notch on E & S. edges. Soil, sandy: 3rd rate.
	N. 89°52' E. on a random line betn secs 25 & 36
40.00	Set temp ¼ sec cor.
80.20	Intersect range line 8 lks S of the cor of secs 25. 30. 31. & 36 Thence I run S. 89°49' W. on true line betn secs 25 & 36. over level ground.
0.50	Wire fence: bears N. 20° W.
5.20	Trail: bears N 45° W.
7.00	Begin ascent along NE. slope.
25.00	Top of ascent on N. face of range, 75 ft high: thence descend slightly along NW. slope over ridges and ravines.
40.10	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on north face.
41.00	Bottom of descent: thence ascend gradually along NE. slope.
53.00	Top of ascent on N. face of range.
59.00	Begin gradual descent along NW slope.
80.20	The cor of secs 25. 26. 35. & 36. Soil, sandy: 3rd rate.
	N. 0°01' W. betn secs 25 & 26. over rolling ground.
10.00	Begin ascent along SW. slope, over rolling land.
36.00	Top of ascent, on W. face of ridge: thence over rolling ground.
40.00	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4

chains	
	ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on west face.
44.00	Begin descent along N. slope.
60.00	Trail: bears N. 70° W.
60.12	Wire fence "
63.00	Enter valley
80.00	Deposit a chained stake 12 ins in the ground for cor of secs 23. 24. 25. & 26. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 2 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked T24N S 24. on NE R39W S 25. on SE. S 26. on SW. and S 23. on NW faces. with 2 notches on S & 1 on E edges. From this cor H. L. Graves sod house bears N. 19°15' W. about 10 chs dist. Soil. sandy: 1st & 3rd rates.
	N. 89°49' E. on a random line betn secs 24 & 25.
40.00	Set temp ¼ sec cor.
80.00	Intersect range line 5 lks N. of the cor of secs 19. 24. 25. & 30. Thence I run S. 89°57' W. on true line betn secs 24 & 25. over level land.
40.00	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S. on N. face. over level, wet land.
80.00	The cor of secs 23. 24. 25. & 26. Soil. sandy: 1st rate.

Chains

N. 0°01' W. betn secs 23 & 24.
over level land.

5.00 Leave valley: E & W., at Trail, Course E. and W

8.34 Wire fence: bears E & W.

9.00 Begin abrupt ascent along S E slope of bluff.

11.00 Top of bluff 40 ft high; thence over broken ground.

32.00 Top of range: 75 ft: bears E & W.

38.00 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins M T S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on West face.

55.00 Bottom of descent: Enter valley; bears E & W.

56.15 Trail: bears E & W.

70.00 Leave valley; begin ascent along S. slope of range.

80.00 Set an oak post 3 ft long 4 ins square. with a charred stake 24 ins in the ground for cor of secs 13. 14. 23. & 24. mkd

T 24 N S 13. on NE.
R 39 W S 24. on SE.
S 23. on SW. and
S 14. on NW faces with 3 notches on S & 1 on E edges. dig pits 18 x 18 x 12 ins in each sec. 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of cor.
Soil, sandy: 1st & 3rd rates.

N. 89°51' E., on a random line betn secs 13 & 24.

40.00 Set temp ¼ sec cor.

79.96 Intersect range line 2 lks S of the cor of secs 13. 18. 19. & 24.
Thence I run
S. 89°50' W. on true line betn secs 13 & 24.
over level land.

32.00 Leave valley; bears N 70° E. and ascend over low ridges along S. slope.

37.78 Deposit a charred stake 12 ins in the ground

Chains

for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on N. face.

59.00 Top of ascent on S face of ridge: thence along S. slope, over ridges and ravines.

73.50 Begin descent along SW. slope.

79.00 Depression of oblong form: ascend.

79.96 The cor of secs 13. 14. 23. & 24.
Soil, sandy: 1st & 3rd rates.

N. 0°01' W. betn secs 13 & 14.
ascend along S face of low range, over broken ground.

10.00 Top of ascent, on W. slope of bluff: thence over rolling ground

25.00 Begin descent.

34.90 Wire fence: bears E & W.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins M & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S, on west face.

42.00 Enter valley: bears E & W.

60.00 Leave valley; and ascend S slope, over low broken sand bluffs, and ridges.

79.00 Top of ascent on SW slope of range: descend

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 11. 12. 13. & 14. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 24 N S 12. on NE.
R 39 W S 13. on SE.
S 14. on SW and
S 11. on NW faces with 4 notches

Chains

on S & 1 on E edges.
Soil, sandy: 1st & 3rd rates.

N. 89°50' E. on a random line betn secs 12 & 13

40.00 Set temp ¼ sec cor.
79.98 Intersect range line 6 lks N of the cor of secs 7. 12. 13. & 18.
Thence I run
S. 89°53' W. on true line betn secs 12 & 13.
over rolling land.
3.00 Begin abrupt ascent along NE slope.
10.00 Top of ascent 75 ft high: thence over rolling ground.
26.00 Begin descent over rolling ground.
33.00 Bottom of descent, in ravine: bears N & S; ascend over rolling ground.
39.79 Wire fence: bears N & S.
39.99 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on north face.
56.00 Top of ascent 100 ft high: descend over broken bluffs.
79.98 The cor of secs 11. 12. 13. & 14.
Soil, sandy: 3rd rate.

N. 0°01' W. betn secs 11 & 12.
over broken land.
7.00 Begin descent along NW slope.
26.00 Bottom of descent, in neck of valley.
30.00 Trail: bears E & W.
32.00 Begin ascent along SE slope.
38.00 Top of ascent: 40 ft.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft. dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd, ¼ S., on west face.

Chains

thence; descend along NE face of ridge.
42.00 Bottom of descent 20 ft below cor.; ascend along SE. slope.
45.00 Top of ascent, thence along E face.
50.00 Descend abruptly
62.30 Trail: bears N 40° W.; at bottom of descent: thence along NW slope over rolling foot hills.
75.92 Wire fence: bears S. 80° E.
80.00 Deposit a charred stake 12 ins in the ground for cor of secs 1. 2. 11. & 12. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
T 24 N S 1. on NE.
R 39 W S 12. on SE.
S 11. on SW. and
S 2. on NW faces. with 5 notches
on S & 1 on E edges.
Soil sandy: 2nd & 3rd rates.

N. 89°53' E. on a random line betn secs 1 & 12.
40.00 Set temp ¼ sec cor.
79.84 Intersect range line 4 lks N of the cor of secs 1. 6. 7. & 12.
Thence I run
S. 89°55' W. on true line betn secs 1 & 12.
over rolling land along N. slope.
5.10 Trail: bears N & S.
39.92 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on N. face.
50.00 Top of ascent: thence over rolling ground along N. slope.
56.00 Wire fence: bears S 10° W.; descend slightly along NW slope
79.84 The cor of secs 1. 2. 11. & 12.
Soil, sandy: 3rd rate.

Oct. 16th 1895

Chains	
	N. 0° 01' W. betw secs 1 & 2.
	descend along N. slope.
6.00	Enter valley: E & W.
10.00	Trail: bears E & W.
18.00	Foot of range: bears E & W: ascend.
21.00	Top of ascent.
25.00	Top of range: E & W: 75 ft high thence over rolling ground.
39.70	Begin descent along N. face.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on west face.
	Descend along N slope.
57.80	Trail: bears E & W.
58.00	Enter plowed field: E & W.
60.00	Leave " "
61.00	Enter valley, bears E & W.
64.00	Enter marsh: E & W.
98.32	Intersect 6th Standard Parallel N. 89° 18' W. 6.61 chs from the S.C. ¼ sec cor on S bdy of sec 31, T. 25 N. R. 38 W.

Deposit a charred stake 12 ins in the ground for closing cor of secs 1 & 2: dig pits 24x18x12 ins crosswise on each line S. E. & W. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

C C T 24 N R 39 W, on S.

S 1. on E, and

S 2. on W faces. with 1 groove on E & 5 on W faces.

Soil, sandy: 1st & 3rd rates.

Oct. 23, 1895.

Chains	
	N. 0° 02' W. betw secs 34 & 35.
	across ridge: E & W.
4.00	Begin gradual descent along N. slope.
17.00	Trail: bears E & W.
18.46	Wire fence: E & W.
19.98	Center of track, Burlington & Missouri River railroad: bears N. 88° 22' W.
20.55	Telegraph line. "
21.37	Wire fence " , over level land.
27.00	Foot of range: E & W, ascend abruptly.
35.50	Sand peak 50 ft high: ascend over broken ground.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.
45.00	Top of range 75 ft high:. begin descent along N. slope.
49.40	Wire fence: bears E & W.
65.00	Bottom of descent, in narrow valley.
66.50	Trail: bears E & W.
70.00	Enter low rolling hills: E & W.
78.00	Peak 20 ft high: descend
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 26. 27. 34, & 35. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit.

In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 24 N S 26, on NE

R 39 W S 35, on SE.

S 34. on SW, and

S 27. on NW faces. with 2 notches on E & 1 on S edges.

This cor is in bottom of a depression.

Soil, sandy: 2nd & 3rd rates.

Chains

N. 89°52' E. on a random line betn secs 26 & 35.

40.00 Set temp ¼ sec cor.

80.10 Intersect N & S line 4 lks S of the cor of secs 25. 26. 35, & 36.

Thence I run

S. 89°50' W. on true line betn secs 26 & 35.

descend slightly along N. slope.

10.00 Begin ascent along SE slope.

23.00 Top of ascent 50 ft high; N. 20° E.; descend over rolling ground.

34.35 Wire fence; bears N. & S.

40.05 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S., on N. face.

ascend over rolling ground.

42.50 Top of ascent 10 ft above cor: descend.

54.20 Trail at bottom of descent: bears N 40° W & reverse; ascend over low rolling hills.

70.00 Top of ascent, 30 ft.; thence descend over rolling ground.

80.10 The cor of secs 26. 27. 34. & 35.

Soil, sandy; 3rd rate.

N. 0°02' W. betn secs 26 & 27.

Ascend out of depression.

1.50 Top of ascent 10 ft above cor; thence descend over low rolling hills.

20.00 Enter valley: Esce; over level land.

36.00 Trail; bears N. 60° W.

37.00 Leave valley; ascend.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S., on west face.

Chains

Ascend abruptly along SW. slope.

52.00 Top of ascent 75 ft high; on N face of bluffs thence, over broken sand bluffs and ridges.

60.80 Wire fence; bears N. 80° W.

61.00 Bottom of depression 40 ft deep: ascend along SW. slope.

70.00 Top of ascent on N. face of ridge: descend gradually along N. slope.

79.90 Trail; bears N. 85° E.

80.00 Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 22. 23. 26. & 27. mkd

T 24 N S 23. on NE

R 39 W S 26. on SE.

S 27. on SW. and

S 22. on NW faces. with 2 notches on E & S edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of corner.

Soil, sandy; 2nd & 3rd rates.

N. 89°50' E. on a random line betn secs 23 & 26.

40.00 Set temp ¼ sec cor.

80.08 Intersect N & S line at the cor of secs 23. 24. 25. & 26.

Thence I run

S. 89°50' W. on true line betn secs 23 & 26.

Over level, wet bottom.

19.60 Wire fence.

38.10 Trail; bears N. 60° W.

40.04 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & E of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S., on north face.

49.80 Trail; bears N 40° W.

65.58 " " N 85° W.

72.00 " " S. 70° W.

Chains.

78.00 Trail: bears N. 80° W.

80.08 The cor of secs 22. 23. 26, & 27.
Soil, sandy; 1st & 2nd rates.

N. 0° 02' W. betn secs 22 & 23.
Descend slightly.

9.00 Foot of range at bottom of descent; bears S 60° W. & N 80° E.; ascend abruptly along SE. slope of bluff.

14.00 Top of ascent on E face of bluff; thence over rolling ground along E. face

29.00 Begin descent along N. E. slope.

37.00 Trail: bears. N. 40° W.

40.00 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on W. face.

43.30 Enter abandoned plowed field. – N. 80° W.

47.10 Leave " " " extends about 5 chs E & W of line

48.00 Bottom of descent, Enter valley: bears S 80° E & reverse.

75.00 Begin ascent along S slope of range: bears N 80° E.

80.00 Deposit a chained stake 12 ins in the ground for cor of secs 14. 15. 22. & 23. dig pits 18 x 18 x 12 ins. in each sec 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit.
In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

T 24 N S 14. on NE.

R 39 W S 23. on SE.

S 22. on SW. and

S 15. on NW faces. with 2 notches on E & 3 on S edges.

Soil, sandy: 1st & 3rd rates.

Chains.

N. 89° 50' E. on a random line betn secs 14 & 23

40.00 Set temp ¼ sec cor.

80.10 Intersect N & S line at the cor of secs 13. 14. 23. & 24.
Thence I run
S. 89° 50' W. on true line betn secs 14 & 23.
Ascend along E slope.

1.40 Top of ridge 20 ft above cor.; descend over rolling ground.

22.00 Foot of ridge: ascend abruptly.

24.00 Top " " 20 ft high bears NW & SE.; descend over rolling ground

30.00 Bottom of descent; ascend over rolling ground.

37.00 Top of ascent, 30 ft: descend slightly over rolling ground.

40.05 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S, on N. face.

Ascend.

42.00 Begin descent over rolling ridge, & low bluffs.

53.57 Trail, at bottom of descent, bears N & S.; thence ascend along SE slope over rolling land.

71.00 Top of ascent, on S face of low bluff; descend slightly over low ridges.

80.10 The cor of secs 14. 15. 22. & 23.
Soil, sandy: 3rd rate.

N. 0° 02' W. betn secs 14 & 15.
Ascend along SE. slope.

9.00 Top of ascent on E slope of range: thence over rolling ground.

26.00 Begin gradual descent along N. slope.

29.44 Wire fence; bears E & W.

40.00 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak

Chains	
	stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S. on west face
43.00	Enter alkali flat. E & W.
55.00	Begin gradual ascent over rolling ground.
65.00	S. edge of blow-out. ascend over sand bluffs.
70.50	N. edge of sand blowout, 75 ft. thence along S face over rolling sand ridges
79.50	Top of ascent 100 ft high.
80.00	Deposit a chamfered stake 12 ins in the ground for cor of secs 10. 11. 14. & 15. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd T24N S11. on NE R39W S14. on SE S15. on SW. and S10. on NW faces. with 2 notches on E & 4 on S edges
	Soil sandy & alkali. 3rd rate.

	N. 89°50' E. on a random line betn secs 11 & 14.
40.00	Set temp ¼ sec cor.
80.04	Intersect NTS line at the cor of secs 11. 12. 13. & 14.
	Thence I run S. 89°50' W. on true line betn secs 11 & 14.
	Ascend out of blow-out.
1.00	Top of ascent 15 ft above cor.; descend abruptly.
4.00	Bottom of descent in Pass, 20 ft deep: SW & NE. ascend abruptly over broken ground.
23.00	Top of ascent on ridge, 50 feet high: bears NW & SE thence descend over broken ground.
33.00	Bottom of descent: in depression: ascend abruptly.
37.00	Top of ascent, on ridge 100 ft above valley-NW & SE. descend.
40.02	Deposit a chamfered stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high

Chains	
	over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S. on north face.
	This cor is in a depression 10 ft deep.
	Ascend
41.00	N. edge of depression; descend over broken ground.
55.00	Bottom of descent; ascend along NE slope over broken ground.
60.00	Top of ascent. 40 ft: on ridge, NTS; descend along N. slope.
69.00	Trail: N. 10° W. at bottom of descent; ascend along SE. slope.
76.00	Top of ascent on E edge of table land; over rolling ground.
80.04	The cor of secs 10. 11. 14. & 15.
	Soil. sandy; 3rd rate.

	N. 0°02' W. betn secs 10 & 11. over rolling ground.
1.00	Begin descent along N. slope over broken ground.
17.80	Trail: bears N 40° W.
24.00	Bottom of descent; enter valley.
33.00	Enter alkali flat. extends E & W 2 or 3 chs.
37.00	Leave " "
40.00	Deposit a chamfered stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S, on west face.
42.00	Trail: bears N. 60° W.
47.00	Begin gradual ascent along SE. slope.
67.00	Top of ascent, 50 ft: on knob or peak.; descend along NE slope.
76.00	Bottom of descent; thence over rolling ground.
80.00	Deposit a chamfered stake 12 ins in the ground for cor of secs 2. 3. 10. & 11. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth

Chains

4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 24 N S 2. on NE.
R 39 W S 11. on SE.
S 10. on SW. and
S 3. on NW faces. with 2 notches on E & 5 on S edges.

Soil. sandy & alkali: 3rd rate.

N. 89°50' E. on a random line betn secs 2 & 11.

40.00 Set temp ¼ sec cor.

80.20 Intersect N & S line at the cor of secs 1. 2. 11. & 12.

Thence I run

S. 89°50' W. on true line betn secs 2 & 11.

Descend slightly over rolling ground.

12.60 Trail; bears S. 30° E.

25.00 Enter valley: N. 70° E.

40.10 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on north face.

50.00 Begin ascent along N. E. slope.

56.90 Wire fence: bears N & S.; ascend slightly over rolling ground along N. slope.

79.50 Wire fence: bears S. 80° E.

80.20 The cor of secs 2. 3. 10. & 11.

Soil. sandy: 1st & 2nd rates.

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N. 0°02' W. betn secs 2 & 3.

Descend over rolling ground.

0.10 Wire fence: bears S. 80° E.

4.00 Enter valley; bears N 80° W.

9.50 S. edge of a circular basin.

11.00 N. " " "

21.00 Begin ascent over rolling ground.

33.00 Top of ascent; 30 ft: on a low ridge: bears N 40° W.

Chains

descend over rolling ground.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on west face.

55.00 Enter wet bottom land.

70.80 Trail; E & W.

71.80 Wire fence: bears E & W.

72.00 To foot of range: bears N 70° E, & S 80° W.; ascend abruptly.

80.00 Top of abrupt ascent, 75 ft.: thence ascend along SW. face.

97.50 Top of range 125 ft high: thence over rolling ground

99.30 Intersect 6th Standard Parallel N 89° 18' W, 5.59 chs from the S. ¼ sec cor. on S bdy of sec 36, T 25 N., R. 39 W.

Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for closing corner of secs 2 & 3. mkd.

CC T 24 N R 39 W. on S
S 2. on E. and
S 3. on W faces. with 2 grooves on E & 4 on W faces. dig pits 24 x 18 x 12 ins, crosswise on each line, E & W. 3 ft N. S. of post 7 ft dist raise a mound of earth 4 ft base 2 ft high S. of corner.

Soil. sandy: 1st & 3rd rates.

N. 0°03' W. betn secs 33 & 34.

Ascend along SE. slope.

8.00 Top of ascent on E face of low ridge.

14.00 Begin descent along NE. slope. over broken ground.

22.70 Trail.

23.00 Bottom of descent.

25.75 Wire fence, along railroad.

27.32 Center of track, Burlington and Missouri River rail road: bears N. 76° 06' W.

27.89 Telegraph line, along railroad.

Chains.

28.37 Wire fence: along railroad.: Enter marsh.

39.00 Leave marsh.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on west face.

Thence over level ground.

80.00 Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 27. 28. 33. & 34. marked

T 24 N S 27. on NE

R 39 W S 34. on SE.

S 33. on SW. and

S 28. on NW. faces with 3 notches on E & 1 on S. edges. dig pits 18x18x12 ins. in each sec. 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of corner.

From this Cor. W. J. Nickolls' sod house bears N. 38° E., 5 Chs.

" wind-mill. bears S 61° 40' W, 2 chs.

" SW. cor. cowshed " S 76° 45' W. "

" SE " " " N. 28° 30' W. "

Soil. sandy: 1st & 3rd rates.

N. 89° 52' E. on a random line betn secs 27 & 34.

40.00 Set temp ¼ sec cor.

80.02 Intersect N & S line at the cor of secs 26. 27. 34. & 35.

Thence I run

S. 89° 52' W. on true line betn secs 27 & 34.

Ascend over rolling foot-hills

7.00 Top of ascent: thence over ridges and ravines.

18.00 Descend along W. slope.

30.00 Bottom of descent, in neck of dry valley. Trail, N. and S.

ascend along SE. slope.

40.01 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak

Chains

stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on north face.

53.00 Top of ascent. on range: 75 ft high: descend over rolling ground along SW. slope.

68.60 Trail: bears N. 70° W.; at foot of descent: enter level land.

80.02 The cor of secs 27. 28. 33. & 34.

Soil. sandy; 2nd & 3rd rates.

N. 0° 03' W. betn secs 27 & 28.

Over rolling land:

5.00 Foot of bluff: ascend abruptly along SE face.

7.00 Top of bluff, 50 ft above cor: thence along SE. face of range:

15.00 Top of range, 100 ft high: descend gradually along NE. slope.

34.08 Wire fence: bears E & W.

34.15 Enter plowed field

36.00 Leave plowed field: enter bottom land: N & S.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S. on west face

78.30 Enter low, wet, bottom.

78.56 Wire fence: bears E & W.

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 21. 22. 27 & 28. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked.

T 24 N S 22. on NE.

R 39 W S 27. on SE.

S 28. on SW. and

S 21. on NW faces. with 3 notches on E & 2 on S edges.

Soil. sandy, 1st & 3rd rates.

Chains	
	N. 89°52' E. on a random line betn secs 22 & 27.
40.00	Set temp ¼ sec cor.
80.06	Intersect N & S line 4 lks N. of the cor of secs 22. 23. 26. & 27.
	Thence I run
	S. 89°54' W. on true line betn secs 22 & 27.
	Ascend over rolling ground.
12.00	Top of ascent, 50 ft: descend gradually
21.18	Wire fence: bears N. & S..
26.00	Trail: bears N. 80° W. & reverse.
40.03	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S., on north face.
	This cor is on N. slope of range.
74.00	Bottom of descent: Enter valley, bears N & S.
80.06	The cor of secs 21. 22. 27. & 28.
	Soil. sandy: 1st & 3rd rates.

	N. 0°03' W. betn secs 21 & 22.
	In level bottom.
10.00	Enter marsh.
20.00	Leave marsh, & over rolling bottom land.
36.70	Trail: bears N. 80° E.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.
41.00	Begin ascent, along S E slope. ; bears N. 65° E.
42.12	Wire fence: bears N 70° E, and S. 80° W.
60.00	Top of ascent, 100 ft: thence over rolling land.
70.00	Begin abrupt descent along N. slope.
74.00	Bottom of descent, in depression 30 ft deep: ascend along S. slope of ridge.
77.00	Top of ridge; bears E & W; descend gradually along N. slope.

Chains.	
80.00	Set an oak post 3 ft long 4 ins square, with a charred stake 2½ ins in the ground. for Cor of secs 15. 16. 21. & 22. mkd T24N S15. on NE. R39W S22. on SE. S21. on SW. and S16. on NW faces. with 3 notches on E & S. edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of cor. Soil, sandy: 1st & 3rd rates.

	N. 89°54' E. on a random line betn secs 15 & 22.
40.00	Set temp ¼ sec cor.
80.08	Intersect N & S line 5 lks N of the cor of secs 14. 15. 22. & 23.
	Thence I run
	S. 89°56' W. on true line betn secs 15 & 22.
	Over rolling ground.
3.00	Begin abrupt ascent along S E. face of bluff.
5.58	Sand peak 40 ft high; descend abruptly
8.00	Ravine 40 ft deep. bears N. & S.; ascend abruptly.
11.00	Top of ascent of sand peak 100 ft above valley; descend over broken sand ridges.
20.00	Bottom of descent: thence over rolling ground on top of range.
26.00	Begin gradual descent along S W. slope.
39.00	Bottom of descent. in depression; N W & S E.; ascend along E. slope.
40.04	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S., on north face.
	This cor is on top of ridge bearing N & S. descend gradually along S W. slope.
50.00	Trail: bears N. 60° W.; ascend along N E. slope.
67.00	Top of ascent: on range. thence over rolling ground along top of range

Chains.

80.08 The cor of secs 15. 16. 21. & 22.
Soil. sandy: 3rd rate

N. 0°03' W. betn secs 15 & 16.
Over rolling ground.

1.00 Begin gradual descent along N. slope of range.
19.00 Bottom of descent in S edge of valley: bears E & W.
25.00 Leave valley & ascend over rolling ground.
30.00 Top of ascent, 50 ft; Over rolling ground.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S. on west face.
43.50 Begin gradual descent along N. slope
57.00 Enter narrow valley: bears E & W.
62.00 Leave valley: ascend S. slope
75.00 Top of ascent on ridge: descend along NE. slope.
78.00 Bottom of descent, in circular depression: ascend
80.00 Deposit a charred stake 12 ins in the ground for cor of secs 9. 10. 15. & 16. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

T 24 N S 10. on NE.
R 39 W S 15. on SE.
S 16. on SW. and
S 9. on NW faces with 3 notches on E & W on S edges.

Soil, sandy: 2nd & 3rd rates.

N. 89°56' E. on a random line betn secs 10 & 15.

40.00 Set temp ¼ sec cor.
80.18 Intersect N & S line 8 lks S of the cor of secs 10. 11. 14. & 15.
Thence I run
S. 89°53' W. on true line betn secs 10 & 15.
Over rolling ground.

Chains.

15.00 Begin ascent along N. E. slope.
20.00 Top of ascent on range; 40 ft. thence along top of range over low ridges and ravines.
35.00 Begin descent along SW. slope.
40.09 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on north face.
41.00 Bottom of descent; thence over rolling ground along NE. slope.
45.00 Begin descent.
50.00 Bottom of descent in depression; ascend gradually, along NE. slope.
53.00 Top of ascent, on ridge; bears NW & E. & descend along N. slope.
61.87 Wire fence: bears N & S.
63.00 Bottom of descent, in depression, N & S: ascend abruptly along E. slope.
65.00 Top of ascent, 25 ft; on ridge. N & S: descend over rolling ground.
80.18 The cor of secs 9. 10. 15. & 16.
Soil. sandy: 3rd rate.

Oct. 18 1895

N. 0°03' W. betn secs 9 & 10.
Ascend slightly.

5.00 Top of ascent 10 ft above cor; descend gradually along N. slope of range.
27.00 Bottom of descent, in neck of valley: bears E & W.
30.00 Begin gradual ascent along S slope of low range.
36.00 Top of ascent, 50 ft; bears E & W; thence over rolling land.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on west face.

Chains

43.00 Begin gradual descent along N.E. slope.

48.00 Bottom of descent: Enter valley: bears NW & SE.

51.00 Enter marsh, near W. end.

59.00 Leave " extends 20 chs E.

63.00 To foot of range: E & W, ascend along S. slope.

75.00 Top of range: 100 ft high: bears E & W. descend gradually, along N. face.

78.00 Bottom of descent, in circular depression: ascend.

80.00 Set an oak post 3 ft long 4 ins square with a chamed stake 24 ins in the ground for cor of secs 3. 4. 9. & 10. mkd

T 24 N S 3. on NE.

R 39 W S 10. on SE.

S 9. on SW. and

S 4. on NW faces. with 3 notches on E & 5 on S. edges. dig pits 18 x 18 x 12 ins in each sec 5½ ft dist & raise a mound of earth 4 ft base 2 ft high west of corner.

Soil, sandy: 1st & 3rd rates.

N. 89°53' E. on a random line betn secs 3 & 10.

40.00 Set temp ¼ sec cor.

80.20 Intersect N & S line 12 lks S of the cor of secs 2. 3. 10. & 11

Thence I run

S. 89°48' W. on true line betn secs 3 & 10.

Ascend along NE slope.

10.20 Top of ridge: 40 ft high: bears NW & SE. descend along NW slope.

20.45 Trail: bears N & S. ascend along NE. slope.

30.00 Top of ascent: 80 ft.

32.00 thence over rolling ground

40.10 Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor. 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on north face.

Ascend gradually along NE. slope.

53.00 Top of ascent. on low ridge: descend along SW. slope.

Chains

56.49 Wire fence: bears N. 10° E.

70.60 Bottom of descent, in pass: Trail, bears N. 40° W.: ascend abruptly along SE. slope.

76.00 Top of ascent, 20 ft.: on ridge, bearing NW & SE. descend gradually along SW. slope.

80.20 The cor of secs. 3. 4. 9. & 10.

Soil, sandy: 3rd rate.

Oct. 22 1895

N. 0°03' W. betn secs 3 & 4.

Over rolling land along top of range.

6.00 Begin gradual descent along N.E. slope.

11.60 Trail: bears S. 50° E.

13.85 Wire fence: bears E & W.

15.00 Bottom of descent in neck of valley: begin ascent along SW slope.

22.00 Top of ascent, 50 ft: thence along W. slope. over low ridges and ravines.

35.00 Begin descent along N. W. slope.

40.00 Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on west face.

40.60 Enter plowed field extends E & W about 5 or 6 chs.

43.00 Leave " "

54.00 Enter level ground: E & W.

82.05 Trail: bears E & W. along foot of range.

84.16 Wire fence: bears S. 85° W., and S 70° E.; ascend along SE. slope.

92.00 Top of ascent; 75 ft: thence along E face of bluffs.

100.82 Intersect 6th Standard Parallel N. 88°53' W. 4.32 chains from the Standard ¼ sec cor on S. bdy of sec 35. T 25 N R 39 W.

Deposit a chamed stake 12 ins in the ground for closing cor of secs 3 & 4. dig pits 24 x 18 x 12 ins E. W. & S of cor 4 ft dist. crosswise on each line. and raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak

Chains

stake 2 ft long 2 ins square 12 ins in the ground marked
CCT24NR39W, on S.
S 3. on E. and
S4. on W faces. with 3 grooves on E & W faces.
Soil, sandy: 1st & 3rd rates.

N. 0°04' W. betn secs 32 & 33
Over level land.
6.35 Trail: E & W.
7.00 To foot of range: bears S. 80° W. & N 70° E.
ascend abruptly.
24.00 Top of ascent, on E slope of bluff. thence along top of range over rolling ground
33.00 Begin descent along N. slope.
40.00 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on west face.
44.00 Bottom of descent; enter rolling ground.
46.60 Trail; parallel to railroad.
47.26 Center of track Burlington and Missouri River railroad; bears N. 76° 06' W.
47.81 Telegraph line; along railroad.
48.28 Wire fence.
53.00 Enter slough; E & W.
62.00 Begin ascent over low hills, along S. slope of range.
80.00 Deposit a chained stake 12 ins in the ground for cor of secs 28. 29. 32 & 33. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
T 24 N S. 28. on NE.
R 39 W S 33. on SE.
S 32. on SW. and
S 29. on NW faces. with 4 notches on E & 1 on S edges.
Soil sandy: 1st & 3rd rates.

Chains

N. 89° 52' E. on a random line betn secs 28 & 33
40.00 Set temp ¼ sec cor.
80.04 Intersect N & S line 5 lks S of the cor of secs 27. 28. 33. & 34.
Thence. l num
S. 89° 50' W. on true line betn secs 28 & 33.
Over level ground, through W. J. Nickolls' corral.
2.53 N. W. edge of cow-shed; extends N. 50° E & reverse.
Begin ascent along S E. slope.
12.00 Top of ascent: 50 ft.
27.00 Begin slight descent.
40.02 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on N. face
60.00 Bottom of descent, in Pass: bears N. 30° W.
thence ascend along NE. slope over broken ground
75.00 Top of ascent; thence over low ridges.
80.04 The cor of secs 28. 29. 32. & 33.
Soil, sandy; 3rd rate.

N. 0° 04' W. betn secs 28 & 29.
Ascend
0.50 Top of ascent: descend along NE slope.
9.00 Bottom of descent in ravine, bears E & W: ascend along SE. slope.
18.00 Top of ridge; 50 ft. bears S 40° W.; thence over rolling ground.
29.00 Begin gradual descent along NE. slope.
40.00 Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on west face
Enter bottom land.
58.00 Begin gradual ascent along SE slope.
65.00 Top of ascent; ascend slightly over rolling ground

Chains

70.00 Summit 150 ft high: bears S&W. thence along top of range, over rolling ground.

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 20. 21. 28. & 29. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T24N S21. on NE.

R39W S28. on SE.

S29. on SW. and

S20. on NW faces. with 4 notches on E & 2 on S edges.

This cor is in a circular depression.

Soil, sandy: 2nd & 3rd rates.

N. 89°58' E. on a random line betn secs 21 & 28.

40.00 Set temp ¼ sec cor.

79.98 Intersect NTS line 5 lks S of the cor of secs 21. 22. 27 & 28.

Thence I run

S. 89°48' W. on true line betn secs 21 & 28.

Over rolling bottom.

5.80 Wire fence: bears N. 60° W.

9.32 " " " NTS.

11.00 Begin ascent along E slope over rolling ground.

37.00 Top of ascent on ridge 50 ft above valley; descend.

39.99 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E&W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼S, on W. face.

48.00 Begin gradual descent along NW slope.

55.00 Bottom of descent, in Pass: bears N 25° E.; ascend along NE. slope.

76.00 Top of ascent on ridge: descend gradually along NW. slope

79.98 The cor of secs 20. 21. 28. & 29.

Soil, sandy 1st & 3rd rates.

Chains

N. 0°04' W. betn secs 20 & 21.

Ascend along S slope.

3.00 Summit of range: thence over rolling ground.

17.00 Begin gradual descent along NE slope.

29.42 Trail; bears N. 75° W.

30.00 Bottom of descent, in pass: bears E&W.

33.00 Begin gradual ascent along E slope.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins NWS of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼S, on west face.

This cor is at top of ascent on a point; descend along NE face of range.

44.00 Enter rolling ground.

60.00 Foot of range; bears N 80° E.; ascend gradually along SE slope.

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 16. 17. 20. & 21. dig pits 18x18x12 ins. in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T24N S16. on NE.

R39W S21. on SE.

S20 on SW. and

S17. on NW faces. with 4 notches on E & 3 on S edges.

Soil, sandy: 3rd rate.

N. 89°48' E. on a random line betn secs 16 & 21.

40.00 Set temp ¼ sec cor.

80.08 Intersect NTS line, 10 lks N of the cor of secs 15. 16. 21. & 22.

Thence I run

S. 89°52' W. on true line betn secs 16 & 21.

Ascend over rolling ground along NE. slope.

Chains

18.00 Top of ascent, 50 ft.; thence along N. face of range.

31.00 Begin descent along NW. slope.

40.04 Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft. high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd. ¼ S, on north face.

47.00 Bottom of descent, in pass: bears NE & SW. ascend gradually along SE. slope.

58.00 Top of ascent, on ridge; NW & SE. 50 ft. high; descend along SW. slope over rolling ground.

68.30 Trail: bears N 20° W.

69.00 Bottom of descent; ascend along NE slope.

79.00 Top of ascent, on ridge: descend.

80.08 The cor of secs 16, 17, 20, & 21.

Soil, sandy; 3rd rate.

N. 0° 04' W. betw secs 16 & 17.

Ascend along SW slope of ridge.

3.00 Top of ridge 20 ft above cor: descend along NE. slope of range.

14.70 Trail: bears N. 50° W.

17.08 " " N. 30° W. at bottom of descent; ascend along W. slope.

32.00 Top of ascent on W face, 50 ft; thence over very broken ground.

40.00 Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.

Ascend over ridges along SW. slope.

50.00 Top of ascent: descend along NW slope of range.

59.00 Enter bottom land: bears N & SW.

61.00 Enter marsh.

71.00 Leave bottom: E & W, ascend along S slope of low hills

76.00 Top of ascent, 30 ft; thence over rolling ground.

Chains

80.00 Deposit a chamed stake 12 ins in the ground for cor of secs 8, 9, 16, & 17. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit.

In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 24 N S 9, in NE

R 39 W S 16, in SE.

S 17, on SW. and

S 8, on NW faces with 4 notches on E & S. edges.

Soil sandy; 2nd & 3rd rates.

N. 89° 52' E. on a random line betw secs 9 & 16.

40.00 Set temp ¼ sec cor.

80.00 Intersect N & S line 12 lks N of the cor of secs 9, 10, 15, & 16.

Thence I run

S. 89° 57' W. on true line betw secs 9 & 16

Ascend along NE slope.

2.00 Top of ascent on ridge: N & S, descend along SW slope

6.60 Bottom of descent; ascend gradually along E. slope

10.00 Top of ascent: thence over rolling ground.

20.00 Top of range, 100 feet high; bears NE & SW. descend over ridges and ravines along SW. slope

40.00 Deposit a chamed stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd

¼ S, on north face.

59.00 Bottom of descent in pass NW & SE.

60.30 Trail; bears N. 50° W. thence over rolling ground.

72.00 " N. 10° E.

80.00 The cor of secs 8, 9, 16, & 17.

Soil, sandy; 3rd rate.

Oct. 19th 1895

Chains

N. 0°04' W. betn secs 8 & 9.
Over rolling land along E slope of low range.

15.00 Trail: bears NW & SE.
17.00 Ascend along SE slope.
26.00 Top of ascent. thence over rolling ground.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
¼ S., on west face
48.00 Begin gradual descent along NE slope.
53.00 Enter valley.
60.00 Begin gradual ascent along S. slope.
72.00 Top of ascent; thence over broken ground
78.00 Begin descent along N. face.
80.00 Deposit a charred stake 12 ins in the ground for cor of secs 4, 5, 8 & 9. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
T 24 N S 4, on NE.
R 39 W S 9, on SE.
S 8, on SW and
S 5, on NW faces with 4 notches on E & 5 on S edges.
Soil, sandy: 3rd rate.

N. 89°57' E. on a random line betn secs 4 & 9.
40.00 Set temp ¼ sec cor.
80.10 Intersect N & S line 4 lks S of the cor of secs 3, 4, 9 & 10.
Thence I run
S. 89°55' W. on true line betn secs 4 & 9
Ascend out of depression
3.00 Top of ascent, 15 ft above cor; thence descend gradually over rolling ground along N. slope

Chains

15.00 Bottom of descent; thence ascend gradually along E slope over rolling ground.
15.00 Trail bears NE and SW.
26.00 Top of ascent: thence along top of range over rolling ground.
35.00 Begin descent along SW. slope.
40.05 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
¼ S., on north face
44.00 Bottom of descent 10 ft below ¼ cor.; thence ascend over rolling ground.
49.00 Begin descent along SW. slope.
64.00 Trail: bears N. 15° W.; at bottom of descent ascend along NE slope.
76.00 Top of ascent; thence descend along NW. slope
80.10 The cor of secs 4, 5, 8 & 9.
Soil, sandy: 3rd rate.

Oct. 22, 1895.

N. 0°04' W. betn secs 4 & 5.
Along N face.
9.00 Begin gradual descent along N. slope.
14.03 Wire fence: bears E & W.
23.00 Enter valley: bears E & W.
40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
¼ S, on west face.
53.00 Trail: E & W.
55.74 Wire fence: bears E & W; ascend along S. slope.
64.00 Top of ascent, 75 ft high; thence along S face
67.50 Wire fence: bears N. 7° E.
70.00 Top of ascent on E face of bluff: 100 ft.

Chains.

76.00 Begin descent along N.E. face over broken ground.

90.00 Bottom of descent; thence over rolling foot-hills.

102.56 Intersect 6th Standard Parallel N. 88° 48' W. 2.37 chs from the Standard ¼ sec cor on S. bdy of sec 34. T 25 N R 39 W.

Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for closing cor of secs 4 & 5. marked

CC T 24 N R 39 W, on S.

S 4, on E. and

S 5, on W faces with 4 grooves on E & 2 on W faces. dig pits 24 x 18 x 12 ins cross-wise on each line. E & W. 3 ft and S of post 7 ft dist and raise a mound of earth 4 ft base 2 ft high South of cor.

Soil, sandy: 1st & 3rd rates.

N. 0° 05' W. betw secs 31 & 32.

Ascend along SW. slope.

2.00 Ridge, 20 ft above cor.; thence along W. face, over broken ground.

7.00 Depression 30 ft deep.

39.00 Begin descent along N.E. slope.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on west face.

47.00 Bottom of descent, in neck of valley; ascend along SE. slope.

59.00 Top of ascent, 40 ft; thence descend along NE slope.

66.15 Trail; parallel to railroad.

68.40 Center of track. Burlington and Missouri River railroad; bears N. 63° 32' W.

69.05 Telegraph line, N 63° 32' W. ascend along SW. slope.

78.00 Top of ascent, 50 ft; thence over rolling ground.

80.00 Deposit a charred stake 12 ins in the ground

Chains.

for cor of secs 29. 30. 31, & 32. dig pits 18 x 18 x 12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

T 24 N S 29, on NE.

R 39 W S 32, on SE.

S 31, on SW. and

S 30, on NW faces, with 5 notches on E & 1 on S edges.

Soil, sandy: 3rd rate

N. 89° 52' E. on a random line betw secs 29 & 32.

40.00 Set temp ¼ sec cor.

80.04 Intersect N & S line 4 lks N. of the cor of secs 28. 29. 32. & 33.

Thence I run

S. 89° 54' W. on true line betw secs 29 & 32.

Over rolling land on top of range.

10.00 Begin ascent along N.E. slope of bluff.

27.00 Top of bluff, 100 ft high above valley; thence over rolling ground.

36.00 Begin descent.

40.02 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on north face.

42.50 Ridge 20 ft high, bears N & S; thence descend over rolling ground.

56.00 Bottom of descent, in pass: bears N & S, ascend abruptly.

62.00 Top of abrupt ascent

65.00 Top of range; descend over broken ground.

71.50 Ridge: bears N 20° W.; descend along SW. slope.

80.04 The cor of secs 29. 30. 31. & 32.

Soil, sandy; 3rd rate.

chains	
	S. 89°52' W. on a random line betn secs 30 & 31.
40.00	Set temp ¼ sec cor.
80.47	Intersect range line 10 lks N of the cor of secs 25. 30. 31. & 36.
	Thence I run
	N. 89°48' E. on true line betn secs 30 & 31.
	Over level land.
32.00	Trail: bears N. 40° W.
35.00	Begin ascent along SW. slope.
40.47	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins. E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	¼ S, on north face.
50.00	Top of ascent on N slope of range: descend abruptly, along SE. face.
55.00	Bottom of descent, thence over rolling land along S. slope.
70.00	Begin ascent along SW. slope.
80.47	The cor of secs 29. 30. 31. & 32.
	Soil, sandy: 2nd & 3rd rates.

	N. 0°05' W. betn secs 29 & 30.
	Ascend along SW. face.
10.00	Top of ascent: begin gradual descent along N. slope.
15.00	Ravine 20 ft deep: bears NE & SW.: ascend along SE. slope.
20.00	Top of range: descend along E. face of range over low ridges.
38.00	Begin descent along NE. slope
40.00	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on west face.

chains	
51.00	Enter rolling land.
55.50	Trail: bears N. 40° W.
73.00	Begin abrupt ascent along SE. slope.
78.00	Top of ascent, thence over rolling land along S. face.
80.00	Deposit a chained stake 12 ins in the ground for cor of secs 19. 20. 29. & 30. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked
	T 24 N S 20. on NE.
	R 39 W S 29. on SE.
	S 30. on SW. and
	S 19. on NW faces. with 5 notches on E & 2 on S edges.
	Soil, sandy; 3rd rate.

	N. 89°54' E. on a random line betn secs 20 & 29.
40.00	Set temp ¼ sec cor.
79.88	Intersect N & S line 4 lks N. of the cor of secs 20. 21. 28. & 29.
	Thence I run
	S. 89°56' W. on true line betn secs 20 & 29.
	Ascend gradually.
16.00	Top of ascent, 30 ft: thence over rolling ground along top of range.
39.00	Begin slight ascent along NE slope.
39.94	Deposit a chained stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on north face.
	This cor is on NE slope of a sand bluff.
40.60	Top of sand peak 15 ft above ¼ cor: descend along SW. slope.
55.00	Bottom of descent, in pass, bears NW & SE, ascend.
58.00	Top of ascent, 20 ft: thence over rolling land.

Chains	
	along top of low range.
68.00	Begin descent along SW. slope.
73.00	Bottom of descent, in pass. bears NW & SE; ascend along SE. slope.
79.88	The cor of secs 19. 20. 29. & 30.
	Soil, sandy: 3rd rate.

	S. 89°48' W. on a random line betn secs 19 & 30
40.00	Set temp ¼ sec cor.
80.42	Intersect range line 3 lks S of the cor of secs 19. 24. 25. & 30.
	Thence I run
	N. 89°44' E. on true line betn secs 19 & 30.
	Over rolling land on low range.
8.00	Begin ascent along W. slope.
13.00	Top of ascent on low bluff.
21.00	Begin descent along NW. slope.
28.00	Bottom of descent, in pass, bears N 20° W.; ascend along SW. slope
40.42	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S., on north face.
43.00	Top of ascent, 30 ft: thence over rolling ground along top of range.
64.00	Begin descent E slope of ridge
75.00	Bottom of descent, in depression: ascend along SW. slope.
80.42	The cor of secs 19. 20. 29. & 30.
	Soil, sandy: 3rd rate.

	N. 0°05' W. betn secs 19 & 20.
	Ascend over broken ground along top of range.
11.00	Begin descent along NE slope over rolling ground.
30.00	Bottom of descent, in neck of valley: bears E & W.
33.00	Begin ascent over low rolling hills, along SE slope.

Chains	
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd
	¼ S., on west face.
46.00	Top of ascent, descend over rolling ground.
50.00	Bottom of descent, in neck of valley: E & W; ascend.
62.00	Top of ascent, 30 ft; thence over rolling ground.
73.00	Begin descent along N. slope of low hills.
80.00	Set an oak post 3 ft long 4 ins square with a charred stake 24 ins in the ground for cor of secs 17. 18. 19. & 20. marked
	T 24 N S 17. on NE
	R 39 W S 20. on SE.
	S 19. on SW. and
	S 18. on NW faces with 5 notches on E & S on S edges. dig pits 18x18x12 ins in each sec 5½ ft dist raise a mound of earth 4 ft base 2 ft high west of corner.
	Soil, sandy; 3rd rate.

	N. 89°56' E. on a random line betn secs 17 & 20.
40.00	Set temp ¼ sec cor.
79.86	Intersect N & S line 8 lks S of the cor of secs 16. 17. 20. & 21.
	Thence I run
	S. 89°53' W. on true line betn secs 17 & 20.
	Descend
5.00	Bottom of descent, in depression 20 ft deep. on top of range: ascend
7.00	Top of ascent; thence over rolling ground.
12.00	Begin descent along W. slope; over rolling ground.
28.50	Trail; at bottom of descent, bears S. 40° E.; thence ascend along E slope over rolling ground.
39.00	Top of ascent, 30 ft: thence descend over rolling ground along SW. slope.
39.93	Deposit a charred stake 12 ins in the ground

chains

for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

¼ S, on north face.

56.00 Bottom of descent; thence over rolling valley.

79.86 The cor of secs 17.18.19. & 20.

Soil, sandy; 3rd rate.

S. 89° 49' W. on a random line betn secs 18 & 19.

40.00 Set temp ¼ sec cor.

80.33 Intersect range line 6 lks N. of the cor of secs 13, 18, 19. & 24.

Thence I run

N. 89° 46' E., on true line betn secs 18 & 19.

Descend over rolling ground.

20.00 Bottom of descent, in pass: bears NW.; thence ascend along SW. slope

34.00 Top of ascent on S. face of low range; descend along SE slope.

38.00 Foot of descent, thence over rolling ground through basin-like valley.

40.33 Deposit a charred stake 12 ins in the ground for ¼ sec. cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on north face.

60.00 Enter low ridge along N. slope of range.

80.33 The cor of secs 17. 18. 19. & 20.

Soil. sandy: 3rd rate

Oct. 21st 1895

N. 0° 05' W. betn secs 17 & 18.

Over rolling ground.

5.00 Begin ascent along SE slope.

12.00 Top of ascent, 30 ft: thence along E. slope.

25.00 Begin gradual descent along NE. slope

chains

33.00 Enter basin-like bottom: bears E & W.

39.60 Trail; bears N. 70° W.

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S, on west face.

Begin ascent over rolling ground.

73.00 Top of ascent, 40 ft; thence over rolling ground on top of low range.

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 7. 8. 17. & 18. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In S.E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

T 24 N S 8. on NE.

R 39 W S 17. on SE.

S 18. on SW. and

S 7. on NW faces. with 5 notches on E & 4 on S edges.

Soil. sandy: 1st & 3rd rates.

N. 89° 53' E. on a random line betn secs 8 & 17.

40.00 Set temp ¼ sec cor.

79.86 Intersect N & S line 2 lks N. of the cor of secs 8. 9. 16. & 17

Thence I run

S. 89° 54' W. on true line betn secs 8 & 17.

Ascend along E slope

16.00 Top of ascent, 75 ft above cor.; thence over rolling ground along top of range:

25.00 Ravine: 30 ft deep: bears NW & SE.; ascend along NE slope of ridge.

37.00 Top of ascent, 100 ft.

39.93 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½

Chains

ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S., on north face.

Thence over rolling ground along top of range.

71.20 Trail; in pass, bears NWS. at bottom of descent.

ascend along SE slope.

77.00 Top of ascent; thence over rolling ground.

79.86 The cor of secs 7, 8, 17, T18.

Soil, sandy: 3rd rate.

S. 89°46' W. on a random line betn secs 7 T18.

40.00 Set temp ¼ sec cor.

80.14 Intersect range line 2 lks S of the cor of secs 7, 12, 13, T18.

Thence I run

N. 89°58' E. on true line betn secs 7 T18.

Over rolling ground, betn low ranges.

15.00 Trail; bears N. 50° E. in neck of valley.

begin ascent over rolling ground along NW slope of bluff.

28.00 Top of ascent; thence over rolling ground.

33.00 Begin descent along SE. slope.

40.14 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on north face.

43.00 Bottom of descent in pass: ascend over rolling ground.

80.14 The cor of secs 7, 8, 17, T18.

Soil, sandy; 3rd rate.

N. 0°05' W. betn secs 7 T8.

Over rolling ground.

12.00 Begin gradual descent along N. slope.

18.05 Trail; bears N. 40° W.

20.00 Bottom of descent, in neck of valley: bears E & W.

31.00 Ascend over low hills.

Chains

40.00 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

¼ S., on west face.

56.00 Begin ascent along SE. face.

72.00 Top of ascent; 50 ft.

73.00 Begin descent along NE slope.

80.00 Deposit a charred stake 12 ins in the ground for cor of secs 5, 6, 7, T8. dig pits 18x18x12 ins in each sec 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked

T 24 N S 5. on NE.

R 39 W S 8. on SE.

S 7. on SW. and

S 6. on NW faces with 5 notches on E & S. edges.

Soil, sandy: 3rd rate

Oct. 22nd 1895.

N. 89°54' E. on a random line betn secs 5 T8.

40.00 Set temp ¼ sec cor.

79.78 Intersect NWS line 2 lks N. of the cor of secs 4, 5, 8, T9.

Thence I run

S. 89°55' W. on true line betn secs 5 T8.

Along N face of range over rolling ground.

10.00 Begin ascent along E slope.

19.00 Top of ascent; descend along W. slope.

29.00 Bottom of descent in depression: 40 ft.

ascend along E. slope.

38.00 Top of ascent, 30 ft: thence descend along SW slope.

39.89 Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18x18x12 ins E & W of cor 4 ft dist raise a mound of earth

Chains	
	3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked ¼ S, on north face.
49.00	Bottom of descent: thence ascend over rolling ground.
53.00	Top of ascent: thence over rolling ground descending gradually.
71.50	Trail: bears N. 10° W.; at bottom of descent.
78.00	Begin ascent along NE. slope.
79.78	The cor of secs 5. 6. 7. & 8.
	Soil, sandy; 3rd rate

S. 89°58' W. on a random line betn secs 6 & 7.

40.00	Set temp ¼ sec cor.
80.08	Intersect range line 8 lks S of the cor of secs 1. 6. 7. & 12.
	Thence I run S. 89°59' E. on true line betn secs 6 & 7.
	Ascend along SW face.
6.00	Top of ascent, 30 ft: thence over rolling ground along top of range.
21.00	Begin descent along SE face.
36.00	" " " E slope.
39.00	Foot of bluff, bears N. & S.
40.08	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins E & W of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked, ¼ S, on N. face.
	From this cor M. E. Crandalls' sod house bears N. 17°15' E. about 40 chs dist.
	Thence over rolling ground, in neck of valley.
45.90	Trail: bears N. 20° W.
47.00	Begin gradual ascent, along W. slope.
69.00	Top of ascent, 50 ft: thence over level ground.
75.00	Descend along NE face.
80.08	The cor of secs 5. 6. 7. & 8.
	Soil, sandy; 3rd rate.

Chains	
	N. 0°05' W. betn secs 5 & 6.
	Descend over rolling ground along W. slope.
4.26	Wire fence; bears N. 80° W.
7.30	Enter plowed field.
11.00	Leave " " Enter neck of valley.
15.20	Trail: bears N. 35° W.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on west face.
43.78	Trail: bears S. 80° W.
47.10	Wire fence; bears S. 80° W. ascend along S. slope of range.
53.00	Top of ascent; thence ascend along S. face.
72.00	Top of range, 100 ft: bears E & W.
79.00	Begin descent along N. face.
90.00	Begin gradual descent along N. slope.
94.20	Wire fence; bears E & W.
104.18	Intersect 6th Standard Parallel, N. 88°36' W. 40 lks dist from the standard ¼ sec cor. on S. bdy. of sec 33.
	Deposit a charred stake 12 ins in the ground for closing cor of secs 5 & 6. dig pits 24 x 18 x 12 ins crosswise on each line. E. W. & S. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground marked C C T 24 N R 39 W. on S. S5. on E. and S6. on W. faces. with 5 grooves on E. & 1 on W. faces.
	Soil, sandy; 2nd & 3rd rates.
	Oct. 23, 1895.

— General Description. —

The Tp. is very broken. consisting of broken ranges of sand ridges lying in a general E. and W. direction.

The soil is very sandy; and unfit for cultivation.

The vegetation consists of a bunch grass. on hills, and sand grass in the dry valleys.

In Secs. 1. 2. 3. 4. 5. 6. 12. 22. 23. 24. 25. 26. 27. 33. 34. and 36. are valleys which are subject to overflow. in fall and spring. causing the growth of a rank slough grass. - the land drying out sufficiently in summer so that the grass can be harvested: making these low lands very valuable.

No timber of any description in the Tp. except on the T. C. claim of Joseph Saunders in Sec. 24. where there are a few small trees growing.

Willard W. Alt.
U. S. ~~Deputy~~ Surveyor.

October 23, 1895.

Chains.

(No. 70)

Pre. claim of Marcus McCormick, owned by William J. Nichols; situated on secs. 27. 28. 33. and 34.; containing 160 acres.

From the S.W. cor. of claim, which is a stake in mound, with pits dug N. and E. of cor. I run

East on S. bdy. of claim.

Over rolling ground.

150 Trail. parallel to railroad.

13.80 Wire fence " "

20.00 Point for S.E. cor falls 2 lks. S. of the S. rail of Burlington and Missouri River railroad track. Deposit impracticable.

I set witness cor. as follows.

N. 12°45' E. 157 lks. dist. - Deposit a charred stake 12 ins. in the ground. dug pits 18 x 18 x 12 ins N. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked WC. W. N. on NW. face.

Witness Corner being at right angle to the Railroad, and on the limiting line of the right-of-way.

From the SW. or beginning cor. I run

North, on W. bdy.

Descend.

1.00 Trail; parallel to railroad.

3.39 Wire fence. " "

4.96 Enter of track, Burlington and Missouri River railroad. bears N. 76°06' W.

5.53 Telegraph line, along railroad; thence over level land — dry bed of cane slough.

16.00 Leave slough.

Claim lines of T. 24 N. R. 39 W.

Chains	
27.00	A point 16 lks E. of the NE. cor. of Mary Albertson's One. claim
50.00	Trail, course NE. and SW
60.00	Deposit a charred stake 12 ins. in the ground for N.W. cor. of claim. dug pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked W. J. N. on SE. face. This cor. bears from the cor. of secs. 27. 28. 33. and 34. N. 50°57' W. 5.46 chs. dist. Lat. 3.44 chs. N. Dep. 4.23 chs. W.

East, on N. bdy. of claim.
Descend along SE. slope.

10.00	Begin ascent along SW. slope.
14.00	Trail, bears N. and S.
20.00	Deposit a charred stake 12 ins in the ground for N.E. cor. of claim, and N.W. cor. Ira Cook's T.C. claim. dug pits 18x18x12 ins E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft. high, over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked W J N. on SW. and I C, on SE. faces.

South, on a random line.

20.00	Set temp. cor.
40.00	Set temp. cor.
60.00	Intersect E. & W. line at the S.E. cor. of claim.

Thence I run
North, on true line, along E. bdy.

0.06	Center of track, Burlington and Missouri River railroad bears N. 77°15' W.
0.60	Telegraph line, along railroad.
8.00	Begin ascent along SW. slope.
12.60	Trail: bears N. 75° W.; - from Nichols to Hyannis.
16.00	Top of ascent; thence along W. face of low range.
20.00	Deposit a charred stake 12 ins in the ground

Claim lines of T. 24 N. R 39 W.

Chains	
	for SW. cor. of the East part of claim. dug pits 18x18x12 ins. E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W. J. N., on NE face.
	Thence. N. on a blank line across claim.
39.50	Enter plowed field. E rce.
40.00	~~Deposit~~ a charred stake 12 ins in the ground for NW. cor of the East part of claim; dug pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit. In E. pit drove an oak stake 2 ft long. 2 ins sq 12 ins in the ground. marked W. J. N. on SE.; and I. C., on NE. faces, this cor. being also the SW. cor of Ira Cook's T.C. claim.
42.55	Leave plowed field. Enter low land.
53.54	Trail on N. side of valley; bears N. 80° W.
	ascend over rolling ground.
60.00	The NE. cor of claim.

East on N. bdy. of the East part of claim.
Along N. slope of range; in plowed field.

20.00	Set temp. NE. cor.

East, on S. bdy. of the East part of claim.
Over rolling ground along SW. face of range.

20.00	Deposit a charred stake 12 ins in the ground for SE. cor of claim: dug pits 18x18x12 ins NW. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W. J. N. on NW. face.

Thence I run
North on a random line along E. bdy.

Chains

20.00 Intersect E&W line at the temp. NE. cor.
Deposit a charred stake 12 ins in the ground for N.E. cor of claim. dug pits 18x18x12 ins. S. & W. of cor. 4 ft. dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
W. J. N., on SW. face.
Thence S mm
South, on true line, on E. bdy.
In plowed field: ascend gradually along N. slope.
0.78 Leave plowed field; E&W.
20.00 The S.E. cor. of claim.
Land mostly level bottom. Soil, 1st rate.
balance rolling: Soil, sandy, 2nd & 3rd rates.

(No. 68)

Pre. claim of Mary Albertson, owned by Hiram Greathouse. — 160 acres, on Sec 33.

The N.E. cor of S. ½ of claim, which is a post driven in the ground, bears from the ¼ sec cor. bet. secs 33 and 34. N. 22°51' W. 11.38 chs. dist. Latitude 10.48 chs. N., Departure 4.41 chs W.
Thence S mm
South: on E. bdy of claim.
Over level land.
13.00 Enter Cane slough. E&W.
16.00 Leave " "
20.00 Deposit a charred stake 12 ins in the ground for SE. cor. of the S. half of claim: dug pits 18x18x12 ins N. & W., of cor 4 ft. dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
H.G. on NW face.
From this cor. an abandoned sod house bears S. 6° W, about 15 chs dist.

Chains

From the point of beginning; heretofore described
S mm
West, along N. bdy. of S. ½ of claim.
over rolling ground.
8.35 Trail: bears S. 20° E.
13.56 Wire fence: bears N & S.
20.00 Deposit a charred stake 12 ins in the ground for S.E. cor of the North half of claim: dug pits 18x18x12 ins. N. and E. of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
H. G. on NW face.
40.00 Deposit a charred stake 12 ins in the ground for NW. cor of the S. half of claim: dug pits 18x18x12 ins. S and W. of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
H.G. on S. E. face.
From this cor an abandoned sod house bears S. 51°45' E. about 30 chs dist.

Thence S mm
South, on W. bdy. of S. half of claim.
Over level land.
11.64 Telegraph line; parallel to railroad.
12.22 Center of track, Burlington and Missouri River railroad, ; bears N. 76°07' W.
13.00 Trail: " " begin ascent along N. slope.
19.00 Top of ascent 60 ft high.
20.00 Deposit a charred stake 12 ins in the ground for Sw. cor of the S. half of claim. dug pits 18x18x12 ins. N. and E. of cor. 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq 12 ins in the ground. marked
H. G. on NE face.

Claim lines of T. 24 N., R. 41 W.

Chains.

East: on a random line along S. bdy.
40.00 Intersect NTS line at the SE. cor of claim
Thence I run
West: on true line on S bdy of claim.
Over level land.
6.21 Telegraph line parallel to railroad.
8.60 Center of track, Burlington and Missouri River railroad.: bears N. 76°07' W.
14.78 Wire fence: " "
15.70 Trail. " " begin ascent along N.E. slope
37.00 Top of ascent on N. face of range: thence over rolling ground.
40.00 The S.W. cor. of claim.

From the NW. cor of S. half of claim.
I run
West, on S bdy.
Over rolling land
10.00 Enter wet bottom land: course N. 70° W.
20.00 Deposit a charred stake 12 ins in the ground for SW. cor of the N. half of claim: dug pits 18x18x12 ins. N. and E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked H. G. on NE, and C.P. on NW. faces; this cor being common to this claim and the T.C. claim of Charles Parmenter.

North, on W. bdy of the N. half of claim.
Over level land.
9.00 Begin ascent over low hills.
19.00 Top of ascent; thence over rolling ground.
20.00 Deposit a charred stake 12 ins in the ground for NW. cor of this claim and the NE. cor of the Charles Parmenter T.C. claim. dug pits 18x18x12 ins. S. and E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S pit. drove an oak stake 2 ft long 2 ins sq.

Claim lines of T. 24 N., R. 39 W.

Chains

12 ins in the ground marked
H.G. on SE. and C.P. on SW. faces.

From the SE. cor of N. half of claim.
I run
North, on E. bdy.
3.00 Begin ascent over low hills.
17.00 Top of ascent, 30 ft: thence over rolling land.
20.00 Deposit a charred stake 12 ins in the ground for NE cor of the N. half of claim. dug pits 18x18x12 ins. S. and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
H.G. on SW. face.

West, on a random line on N. bdy of claim.
40.00 Intersect NTS line at the NW. cor. of claim.
Thence I run
East, on true line along N. bdy.
Over rolling land on top of low range.
3.00 Begin descent.
8.00 Bottom of descent, in pass: bears NTS. ascend over rolling ground.
23.00 Ridge: at top of ascent, 30 ft high; bears NTS; descend.
25.00 Pass 20 ft deep: ascend.
28.00 Ridge: bears NTS. thence over rolling ground.
40.00 The NE cor. of claim.
Land: level bottom, and sand hills.
Soil, sandy, 1st and 3rd rates
Heavy prairie grass on bottom; bunch grass on hill.
October 24, 1895.

Claim lines of T. 24 N. R. 39 W.

Chains

(No. 67)

The T.C. claim of Charles Parmenter. on Secs. 32 and 33.; containing 160 acres.

From the S.E. cor of claim, described in the notes of the survey of Hiram Greathouse's Pre. claim
I run
West, along S. bdy. of claim.
Over level land.
20.00 Begin gentle ascent along N. slope.
27.08 Telegraph line: bears N. 76°07' W.
29.50 Center of track, Burlington and Missouri River railroad: bears N. 76°07' W.
33.00 Trail: " "
48.00 Top of ascent; thence along N. slope over rolling ground.
80.00 Deposit a charred stake 12 ins in the ground for the Sw. cor. of claim: dug pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit. drove an oak stake 2 ft long, 2 ins sq. 12 ins in the ground, marked
C.P., on NE face.
From the ¼ sec cor bet. secs 31 and 32. this cor bears N. 55°32' E. 18.91 chs dist.
Lat. 10.70 chs. N. Dep. 15.58 chs. E.

North, on W. bdy of claim.
Descend, over rolling ground.
5.00 ascend along SE. slope.
7.40 Trail.
7.50 Top of ascent, 40 ft.; descend.
9.90 Center of track. Burlington and Missouri River rail-road bears N. 63°30' W.
10.52 Telegraph line, N. 63°30' W.; ascend gradually along S. slope
20.00 Set temp. NW. cor of claim.

East, on a random line on N. bdy of claim
80.00 intersect N & S line 1 lk S. of the NE. cor of claim heretofore described.

Claim lines of T. 24 N. R. 39 W.

Chains.

Thence I run
West, on true line on N. bdy. of claim.
Over low rolling hills.
9.00 Ridge; bears N. & S.; descend over low sand hills
27.00 Foot of descent in pass; N. & S.; ascend abruptly.
40.00 Top of abrupt ascent: ascend along S face.
50.00 Top of ascent; descend gradually along Sw. face.
71.00 Bottom descent: ascend abruptly along E. slope.
77.00 Top of ascent: descend slightly.
80.00 Deposit a charred stake 12 ins in the ground for NW. cor of claim; dug pits 18x18x12 ins. E. and S. of cor 4 ft. dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
C.P. on SE. face.
Land, level or rolling. on S.; sand hills on N.
Soil sandy; 1st and 3rd rates
Slough grass on bottoms.
Sand grass and Bunch grass on hills.

(No. 37)

The Pre Claim of Hiram Greathouse. on Secs 34 and 35. containing 160 acres.

From the old cor of secs 2. 3. 34. and 35, which is a mound with pits, - on S bdy of the claim.
I run and measure. West, 60 chs. where I establish the Sw. cor of claim. by depositing a charred stake 12 ins in the ground: dug pits 18 x18x12 ins. N. and E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
H. G. on NE face.
Thence I run
North, on W. bdy of claim.
2.51 Wire fence; parallel to railroad.
4.03 Center of track, Burlington and Missouri River railroad.; bears N. 88°15' W.

chains	
4.42	Telegraph line: N. 88° 15' W.
5.56	Wire fence, " ascend along S. slope
6.00	Top of ascent on S edge of range.
16.00	Top of ascent on S edge of range.
20.00	Set temp NW. cor. of claim.

From the SW. cor of claim, heretofore described.
I run
East, on S. bdy. of claim.
Over rolling ground, ascend along N. slope of range. through plowed field.

3.00	Leave plowed field.
8.00	Trail: bears S. 70° W.: top of ascent: thence along N. slope, over rolling ground.
13.70	Trail: bears S. 20° W.
60.00	The old cor. of secs. 2. 3. 34. and 35. From this point. Hiram Greathouse's sod house bears N. 6° 15' W., about 10 chs dist.
79.00	Trail: parallel to railroad.
80.00	Deposit a charred stake 12 ins. in the ground for SE. cor. of claim. dug pits 18x18x12 ins. N. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked H. G. on NW. face. This cor. bears N. 12° 44' W. 17.65 chs. dist. from the ¼ sec. cor. on S. bdy. of Sec. 35. Latitude 17.21 chs N. - Departure 3.88 chs W. H. Greathouse's sod house bears N. 65° 50' W. about 25 chs dist.

North, on E bdy. of claim.
Over rolling ground.

0.06	Wire fence; parallel to railroad.
1.58	Center of track, Burlington and Missouri River railroad bears N. 88° 15' W.
2.15	Telegraph line. N. 88° 15' W.
3.10	Wire fence. "
9.00	Foot of low range E. and W.

chains	
12.00	Top of ascent 30 ft high: thence over rolling ground.
20.00	Deposit a charred stake 12 ins. in the ground for NE. cor of claim. dug pits 18x18x12 ins S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit. In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked H. G. on SW. face.

West on a random line ~~along N. bdy.~~
80.00 Intersect N & S line. 1 lk N. of ~~temp~~ NW. cor of claim. ~~Deposit a charred~~ stake 12 ins in the ground ~~for NW. cor of claim. dug pits 18x18x12 ins E.~~ and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked HG. on SE. face
Thence I run
East, on true line on N. bdy.
Ascend over broken hills

5.50	Top of ascent.; descend over broken ground
9.25	Wire fence: bears N. 20° E.
15.00	Bottom of descent; ascend
30.00	Top of ascent, on high point of range: Over broken ground along top of bluff. descend along SE. slope
45.00	Bottom of descent: ascend along SW. slope.
50.00	Ridge 40 ft high: N & S. descend gradually.
57.00	Bottom of descent: thence over broken ground. along top of range.
60.00	Sand bluff. 20 ft high.; thence descend over low ridges & bluffs.
76.00	Begin descent into pot hole.
80.00	The NE. cor of claim.

Land. very rough on N. side of claim.
level in S. part.
Soil. 1st and 3rd rates.

Chains	
	(No. 61.)
	The T.C. claim of Marcus McCormick. owned by Eunice McCormick; situated on secs 26 and 27; containing 160 acres.
	The Sw. cor of the claim is an oak post. without marks, set in the ground. at S.W. cor. of plowed field.
	Thence I run
	North, along W. bdy. of claim.
	Descend gradually.
1.00	Trail: bears N. 1° E.
9.00	Enter valley: bears E & W.
19.00	Leave " " NE & SW.
22.00	Begin abrupt ascent along S.E. slope.
40.00	Top of ascent, 100 ft.:
	Deposit a charred stake 12 ins in the ground for NW. cor of claim: dug pits 18x18x12 ins E. & S. of cor 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	T.M. on SE. face.
	East, along N. bdy.
	Ascend slightly along SW. face.
7.00	Top of ascent 130 ft above valley. descend gradually along SE. face, over rolling ground.
20.00	Deposit a charred stake 12 ins in the ground for NE. cor: dug pits 18x18x12 ins S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	T.M. on SW. face.
	South, on E. bdy.
	Over broken ground.
4.00	Begin gradual descent along SE. slope.
16.00	Bottom of descent: E & W.

Chains	
18.55	Trail: bears S. 70° E.
20.00	Set temp cor.
	From the SW. cor of claim, heretofore described I run
	East on S. bdy. of claim.
	Over rolling land along N. slope of low hills through plowed field.
12.00	Begin slight descent.
19.00	Leave plowed field.
20.00	Bottom of descent, in neck of valley. ascend.
25.00	Low ridge, 10 ft.: descend slightly.
30.00	Bottom of descent.: thence over rolling ground.
45.00	Trail: bears N. 30° W.
50.00	Begin slight ascent over rolling land.
60.00	Deposit a charred stake 12 ins in the ground for SE. cor. of claim. dug pits 18x18x12 ins N. and W. of cor. 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	E.M., on NW. face.
	North, along E. bdy.
	Descend slightly over rolling ground.
9.00	Bottom of descent.
11.00	Begin gradual ascent along S. slope.
20.00	Deposit a charred stake 12 ins in the ground. dug pits 18x18x12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
	E.M. on SW. face.
	West, on N. bdy.
	Descend slightly along S. slope.
35.00	Enter level land: bears S. 80° E.
35.90	Trail: bears S. 70° E.

Chains

40.00 Intersect N. & S. line at temp. cor.
Deposit a chained stake 12 ins in the ground dug pits 18x18x12 ins. N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
E.M., on S.E. face.
From the ¼ sec cor bet. secs. 26 & 27, this cor bears N. 88°54' W., 13.22 chs dist.
Latitude 0.25 chs N., Departure 13.20 W.
From this cor. McCormick's sod house bears S. 89° W. about 12 chs dist.
Land, rolling and broken, on lines.
Soil, sandy: 2nd & 3rd rates.

(No. 69)

The T.C. claim of Ira Cook, situated on secs 26, 27, 34, and 35, and containing 160 acres.

From the S.W. cor. of claim, described in the notes of the Survey of William J. Nichols Ore. claim.
I run
East, along S. bdy.
Along N. slope; through flower field.
27.70 Leave flower field; ascend slightly.
40.00 Begin descent over rolling ground along N. slope.
77.25 Trail: bears S. 60° E.
80.00 Deposit a chained stake 12 ins in the ground for S.E. cor of claim. dug pits 18x18x12 ins. N. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
I.C. on N.W. face.

North, along E. bdy of claim.
Ascend over low hills.
10.00 Top of ascent. 30 ft. thence over rolling ground.

Chains

20.00 Deposit a chained stake 12 ins in the ground for N.E. cor of claim. dug pits 18x18x12 ins S. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
I.C. on S.W. face.

West, on a random line, on N. bdy.
80.00 The N.W. cor. of claim, and N.E. cor. of William J. Nichols Ore. claim, heretofore described.
Thence I run
East, on true line along N. bdy.
Ascend along S.W. slope.
13.00 Top of ascent, 30 ft above cor.; thence descend over rolling ground along S.E. slope.
34.00 Bottom of descent in neck of valley.
44.58 Trail: bears N. 30° E.; ascend over rolling ground, along W. slope.
47.00 Top of ascent, on low range; descend over rolling ground along N.E. slope.
55.00 Bottom of descent; ascend over rolling ground
70.00 Top of ascent; thence along top of range.
80.00 The N.E. cor of claim.
From the cor. of secs. 26, 27, 34, and 35, this cor bears N. 88°30' E. 16.18 chs dist
Latitude 3.22 chs N., Departure 15.85 chs E.
Land, level bottom and broken sand hills.
Soil, 2nd & 3rd rates.

Oct. 24, '95.

(No. 60.)

The I.C. claim of George S. Upokam, on secs. 21, 22, 27, and 28, containing 160 acres.

The original S.W. cor. of claim, near a corner of wire fence, I reestablish by depositing chained stake 12 ins in the ground. dug pits 18x18x12 ins S. & E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

Claim lines of T. 24 N. R. 39 W.

Chains	
	In N. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked GSY. on NE. face.
	From the ¼ sec. cor. bet. secs 27 and 28. this cor. bears S. 67°44' W. 15.60 chs. dist.
	Latitude 5.95 chs. S.; Departure, 14.43 chs. W.
	Thence I run
	North, along W. bdy. of claim.
	Descend gradually along N. slope.
9.00	Wire fence; bears N. 3° E.
11.00	Enter bottom: E & W.
20.00	Ascend along SE. slope.
23.00	Top of ascent. 30 ft.; thence over broken ground along E. face
47.00	Begin gradual descent along N.E. slope.
49.38	Wire fence, bears N. 40° W.
50.00	Enter level land: NW. & SE.
60.00	Deposit a charred stake 12 ins in the ground for NW. cor of claim, and the SW. cor. of Albert Tabor's Pre. claim: dug pits 18x18x12 ins. E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked GSY. on SE. and AT. on NE. faces.
	From this cor. Albert Tabor's house bears N. 31° 50' E. 20 chs. dist.

	East. on N. bdy.
	Over level land.
20.00	Deposit a charred stake 12 ins in the ground for NE. cor of claim, and SE. cor of the west 40 acres of Albert Tabors Pre. claim; dug pits 18x18x12 ins S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked GSY. on SW. and AT. on NW. faces.

Claim lines of T. 24 N. R. 39 W.

Chains	
	South, along E. bdy.
	Over level ground.
15.01	Wire fence: bears N. 80° W.
16.60	Trail: bears S. 10° W.
33.60	Trail: " N. 30° W.
40.00	Set temp cor.

	From the SW. cor. of claim, heretofore described I run
	East. along S. bdy.
	Descend gradually along N.E. slope.
17.00	Bottom of descent, in neck of valley: NW. & SE.
23.25	Trail: bears S. 20° W.; begin gradual descent along N.W. slope.
26.00	Top of ascent, 10 ft.; descend over rolling ground.
34.00	Enter valley: N. 70° W. & S. 70° E.
40.00	Deposit a charred stake 12 ins in the ground for SE. cor. of claim. dug pits 18x18x12 ins N. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked GSY. on NW. face.

	North, along E. bdy.
	Over level ground
4.80	Trail: bears N. 60° W.
6.00	Begin gentle ascent along S. slope.
19.50	Top of ascent, 40 ft.: descend into a depression.
20.00	Deposit a charred stake 12 ins in the ground dug pits 18x18x12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked G.S.Y. on SW. face.

Chains

West, along N. bdy of the S. part of claim.
Ascend.
3.00 Sand bluff 30 ft above cor.; descend over broken ground along W. slope.
16.00 Enter rolling ground: N. and S.
18.20 Trail: bears S. 30° E.
20.00 The temp. cor. heretofore mentioned.
Deposit a chamed stake 12 ins in the ground dug pits. 18x18x12 ins N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground. marked G. S. M. on NW. face.
Land, level bottom, and broken sand hills.
Soil, sandy and alkali: 1st and 3rd rates.

(No. 59)

The Pre. claim of Albert Tabor, on secs 21. 22. and 27. containing 160 acres.

From the NW. cor of George S. Moakam's T.C. claim, heretofore described. I run
North, along W. bdy of the N. part of claim.
Over level ground.
13.10 Wire fence: bears S. 50° W., ascend along S.E. slope.
13.20 Marine bears N.W. and S.E.
20.00 Set temp cor.
From this point Albert Tabor's house bears S. 68° 45' E.

From the NE. cor of George S Moakam's T.C. claim. heretofore described. I run
North, on a blank line through albert Tabor's Pre claim.
20.00 Deposit a chamed stake 12 ins in the ground for NE. cor of the W. part of claim. dug pits 18x18x12 ins. N. and W. of cor 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft. high over deposit. In W. pit. drove an oak stake

Chains

2 ft. long 2 ins sq. 12 ins in the ground marked A T. on SW. face.

West. along N. bdy.
Over level land.
6.00 Begin gentle ascent along SE. slope.
13.00 Trail; N. & S.
13.40 A point 3 lks N. of the NE. cor. Tabor's barn.
18.00 Begin abrupt ascent along SE. slope.
20.00 The temp. cor. heretofore mentioned.
Deposit a chamed stake 12 ins in the ground for the NW. cor. of the W. part of claim dug pits 18x18x12 ins. E. and S. of cor 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit.
In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked A T. on SE. face.

From the NE. cor of the west part of claim heretofore described. I run
North along W. bdy of claim.
Over level land.
6.00 Trail: bears N. 70° E.
11.00 Wire fence: bears N. 70° E.; begin ascent along SE. slope.
20.00 Deposit a chamed stake 12 ins in the ground for NW. cor of claim; dug pits 18x18x12 ins E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked
A T. on SE face.

East on N. bdy of Claim.
Descend abruptly along SE. slope.
17.00 Bottom of descent; thence over rolling ground.

Chains	
20.00	Deposit a charred stake 12 ins. in the ground for NE. cor. of claim: dug pits 18X18X12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked A.F., on SW. face.
	South, along E. bdy.
	Over rolling ground.
1.91	Wire fence; bears N. 80° E.
4.40	Trail: " begin gradual ascent along NW. slope.
20.00	Top of ascent, 40 ft. thence along W. slope over broken ground.
32.00	Begin gradual descent along SW. slope.
48.80	Trail at bottom of descent; bears S. 80° E.; ascend along NW. slope over rolling groume.
59.40	Wire fence; bears N. 80° W.
60.00	Set temp SE. cor. of claim.
	From the NE. cor of George S. Yoakamo T.C. claim heretofore described. I run
	South, along E. boundary
	Over nearly level ground.
15.01	Wire fence: bears S. 80° W.
16.60	Trail: bears S. 10° W.; ascend over rolling ground.
20.00	Deposit a charred stake 12 ins in the groume for SW. cor of claim: dug pits 18X18X12 ins. N & E of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked A.F., on NE face.
	From the cor. of secs. 21, 22, 27 + 28; This cor. bears S. 43° 22' E. 8.18 chs. dist. Lat. 5.95 S. Dep. 5.62 E.
	East on S. bdy.
	Ascend over rolling groume along W. slope.
20.00	The temp SE. cor. heretofore mentioned.

Chains	
	Deposit a charred stake 12 ins in the ground for SE. cor of claim, dug pits 18X18X12 ins. N. + W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked A.F. on NW. face.
	Land, mostly level bottom; soil 1st rate.
	Balance, sand hills: 3rd rate.
	Oct. 26/95.
	(No. 37.)
	The H.E. claim of Byron E. Crandall. on Sec 6. containing 161.20 acres.
	This claim has 4 marked corners.
	I build a mound over the post at NE. cor: dig pits 18X18X12 ins. S. and W. of cor. 4 ft. dist. and drive an oak stake 2 ft long 2 ins sq. 12 ins in the ground, in S. pit; marked B.E.C., on SW face.
	This cor. bears from the ¼ sec. cor. bet. secs. 5 and 6. N. 40° 55' W. 5.21 chs. dist.
	Latitude 3.93 chs N. Departure 3.43 chs. W.
	Thence I run
	West, on a random line along N. bdy.
40.19	Intersect MTS line 87 lks S. of the NW. cor of claim.
	Thence I run
	S. 88° 45' E. on true line along N. bdy.
	Over rolling land.
3.12	Wire fence; bears MTS.
6.67	NW. cor. of cattle yard bears S. 5 lks dist.
6.90	Edge of shed: bears N. 70° E.; at this point I offset to the N. 35 lks; thence on the offset line.
8.95	NE. cor of shed; offset S. 35 lks. to line.
	thence, over rolling ground.
14.41	Sod house bears S. 75 lks dist.
15.00	Top of ascent; descend slightly over rolling ground.
19.00	Bottom of descent, in neck of valley.
40.19	The NE. cor. of claim.

Chains	
	The S.E. cor. of the claim. being visible from the NE. cor. I run for said cor
	S. 1°22' W. on true line along E. bdy. of claim.
0.85	Trail: bears S.85°W.
18.30	" " S 30° E.
21.00	Enter neck of valley: bears NW & SE.
32.40	Enter plowed field: E & W; ascend.
35.20	Leave " "
38.60	Wire fence: bears N.85°W. around along NE. slope.
40.14	The SE. cor. of claim which is a post in mound with pits S & W. of cor.

	N.88°38' W. on a random line along S. bdy.
40.22	Intersect N & S line at the SW. cor of claim, which is a stake, without mound or pits.
	I re-establish this cor. by depositing a charred stake 12 ins in the ground. dug pits 18X18X12 ins N. & E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked BCC., on NE face.
	Thence I run
	S.88°38' E. on true line on S bdy. of claim.
	Descend along E. slope.
5.00	Bottom of descent in neck of valley: N & S.
7.97	Trail: bears N.30°W. ascend slightly over rolling ground.
34.00	Top of ascent 30 ft high; descend along NE. slope.
40.22	The SE. cor of claim.

	From the SW. cor. of claim. heretofore described I run
	N. 1°22' E. on a random line on W. bdy.
40.05	Intersect E & W line 5 lks W. of the NW. cor. of claim which is a post in mound with pits N. & W. of cor.
	Thence I run

Chains	
	S. 1°25' W. on true line along W. bdy. of claim. Over rolling land
2.75	Trail: bears N.70°W.
8.75	Wire fence: S 50° W.; Enter level land.
25.65	" " N.40°W. Enter rolling land.
26.25	Trail; "
28.00	Begin ascent along NE. slope.
36.00	Top of ascent: thence over rolling ground along E. slope.
40.05	The SW. cor of claim.
	From the SW. cor of claim, sod house bears S.85°E. about 16 chs dist.
	Land, mostly. level bottom.
	Soil. sandy: 1st and 3rd rates.

(No. 38.)

The H.E. claim of Martin H. Patmore, on secs. 4 and 5., containing 160 acres.

The SE. and SW. cors. which were stakes driven in the ground, without mounds or pits. were shown. I re-establish the SE. cor at same point. by depositing a charred stake 12 ins in the ground dug pits 18X18X12 ins. NW of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked M.H.P. on NW. and J.F. on NE faces. this being also the SW. cor. of James Farrell's H.E. claim.

	Thence I run
	West. on a random line along S. bdy.
40.99	Intersect N & S line 118 lks S. of the SW. cor of claim. which I re-establish at the same point by depositing a charred stake 12 ins in the ground. dug pits 18X18X12 ins. N. and E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
	In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked M.H.P. on NE face.
	Thence I run

Chains.

S. 88° 21' E. on true line, along S. bdy. of claim.
Ascend along NW. slope.
6.00 Top of ascent 20 ft above cor.; thence descend along N. slope over rolling ground.
40.68 Wire fence: bears N. 10° E.
40.99 The SE. cor of claim. Lat. 118 lks S. Dep. 40.97 chs.
800 Sq. chs. ÷ 40.97 = 19.53 chs. mean width of S. part of claim.
19.53 + 59 = 20.12. — E. bdy, and 19.53 − 59 = 18.94. W. bdy. therefore

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From the SE. cor. I run
North, along E. bdy.
Over level land.
11.40 Wire fence: bears N. 10° E.
20.12 Deposit a charred stake 12 ins in the ground for NE cor. of the S. half of claim. dug pits 18 x 18 x 12 ins. S. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In S. pit. drove an oak stake 2 ft long 2 ins sq 12 ins in the ground, marked
M H P, on SW face
This cor. bears from the ¼ sec. cor. between 4 and 5. N. 49° 55' E. 2.35 chs. dist.
Latitude 1.51 chs N, Departure 1.72 chs E.

From the SW. cor. heretofore described. I run
North, along W. bdy. of the S. half of claim.
Descend along N. slope.
9.00 Enter level land: S 70° E.
18.94 Deposit a charred stake 12 ins in the ground for NW. cor of the S. half of claim: dug pits 18 x 18 x 12 ins S. & W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit.
In S pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
M. H. P. on SE. face.

Thence I run
East, on a random line
40.97 Intersect N. & S. line at the NE. cor. of the S. half of claim

Chains

Thence I run
West, along N. bdy on true line.
Over level land.
20.48½ Deposit a charred stake 12 ins in the ground for SE. cor of the N. half of claim. dug pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
M. H. P. on NW. face.
Thence
West on a blank line across the claim.
40.97 The NW. cor of the S. half of claim.
Thence,
West, along S. bdy. of the N. half of claim.
19.51½ Deposit a charred stake 12 ins in the ground for SW. cor of the N. half of claim. dug pits 18 x 18 x 12 ins. N. and E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
M H P. on NE face.
From this cor. Patnode's sod house bears N. 36° 40' E. about 12 chs dist.

North, along W. bdy. of the N. half of claim.
Descend gradually, along NE. slope.
6.00 Bottom of descent in neck of valley. SE. & NW.
7.70 Trail: bears E. & W., along foot of bluffs
12.57 Wire fence; bears S. 80° W., ascend along S. slope of range.
19.00 Top of ascent 30 ft.; descend into pot-hole
20.00 Deposit a charred stake 12 ins in the ground for NW cor of the N. half of claim. dug pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
M. H. P. on SE. face

Chains	
	East. on N. bdy of the N. half of claim
	Ascend along Sw. slope.
14.67	Wire fence; bears N. 50° W.
21.80	Top of ascent. descend along SE. slope.
27.00	Bottom of descent: ascend along Sw. slope.
38.00	Top of ascent; descend along E. slope.
40.00	Set temp NE. cor. of the N. half of claim.

From the SE. cor of the N. half of claim. heretofore described. I run
North. along E. bdy.
Over level land.

7.30	Enter plowed field. 5 chs 8 x 10 W.
10.00	Leave " "
10.10	Trail - E & W.
11.67	Wire fence, E & W; ascend along S. slope.
13.00	Top of ascent. 40 ft.; ascend along S. face.
20.00	Intersect E & W line at temp NE. cor.

Deposit a charred stake 12 ins in the ground for NE cor of claim. dug pits 18 x 18 x 12 ins S. and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
M H P. on Sw. face.
Land. level valley, and broken sand hills.
Soil. sandy. 1st and 3rd rates.

(No. 39.)

The H.E. Claim of James Fanell on Sec 4.
Containing 160 acres.
Two corners are shown.
From the NE. cor. which is a stake with pits N. & S. I run
South. along E. bdy of claim.

20.00	Set temp. SE. cor.

20.00 - 85. = 19.15 see notes S. boundary (RH)

From the Sw. cor. which is also a cor of the Martin H. Patmore HE. claim, and heretofore described. I run

Chains	
	East. along S. bdy of claim.
	Over rolling ground. along N slope
11.90	Trail: bears N & S.
22.52	E. edge of fence around grave yard. bears S. 40 lks.
	Thence along N. slope over low ridges.
57.00	Descend along NE. slope
58.60	Trail: bears NE. & SE.
60.62	Intersect [illegible] & S line 85 lks N. of the temp. SE. cor. heretofore described.

At the point of intersection. I deposit a charred stake 12 ins in the ground for SE. cor of claim. dug pits 18 x 18 x 12 ins. N. & W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft high. over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
J F. on NW face.
From this cor. James Fanells house bears N. 56° W. about 40 chs dist.
The area of the S. part of the Claim being 116.09 acres. - the N. part. should contain 43.91 acres. and I will make the E. & W. lines 20 chs, and the N. & S lines 21.95 chs.

From the NE. cor. heretofore described
I run
West, along N. bdy of claim.
Over bottom land.

27.62	Trail; bears N. 50° E.
29.92	Sod house bears N. 20 lks dist.
39.62	Trail: bears S. 80° E.
40.62	Deposit a charred stake 12 ins in the ground for SE. cor of the NW. part of claim. dug pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In N. pit drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked

J. F. on NW face
Thence on a blank line across the claim.

60.62	Intersect the E. bdy of Martin H. Patmore's HE. claim 97 lks S. of the NE cor of said claim.

From this point. I run

Chains	
	North, along W. bdy.
	Over level ground.
5.00	S. edge of slough: bears E&W.
7.00	N. " "
12.42	Trail: bears E.&W.
14.47	Wire fence: bears S.85°W.; begin ascent along SE. slope.
18.00	Top of ascent: thence along SE. face of range.
21.95½	Deposit a charred stake 12 ins. in the ground for the NW. cor. of claim: dug pits 18x18x12 ins E. and S. of cor 4 ft dist. and raised a mound of earth, 3½ ft base 1½ ft high over deposit. In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked J.F. on SE. face.

From the SE. cor of the NW. part of claim, heretofore described, I run
North, along E. boundary of the N. 40 acres
0.30 Trail: bears N.80°W.: ascend gradually along SW. slope.
12.00 Top of ascent. 40 ft.: thence along W. face.
21.00 " " 75 ft.
21.95½ Deposit a charred stake 12 ins in the ground for NE. cor of the N. part of claim. dug pits 18x18x12 ins. S. and W. of cor. 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
J.F. on SW. face.

West, on a random line, along N. bdy.
20.00 Intersect N&S line at the NW. cor of claim.
Thence I run.
East, on true line along N. bdy.
Descend along SE. slope.
10.40 Wire fence: bears S.30°W.
13.00 Trail at bottom of descent: S.5°E.: ascend along SW. slope over broken land.

Chains.	
19.40	Top of ascent on sand bluff.; descend
20.00	The NE. cor. of claim.
	Land, level bottom, and sand hills.
	Soil, 1st and 5th rates.

(No. 40.)

The T.C. claim of Aaron H. Sallenberg on secs. 3 and 4; owned by Michael Farrell; 160 acres.
The SW. cor. of the claim, which is the NE. cor. of James Farrell's HE. claim, heretofore described, bears from the ¼ sec cor. bet. secs. 3 & 4 N. 88°47' W. 17.60 chs. dist.
Latitude 0.37 chs N. Departure 17.58 chs. W.

Thence I run
East, on S. bdy. of the claim.
Ascend gradually along W. slope.
24.00 Top of ascent on N. face of range: thence along N. face.
33.00 Begin descent over low ridges.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor of claim and SW. cor. of J.A. Westover's HE. claim: dug pits 18x18x12 ins. N. & E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit.
In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked
M.F. on NW. and J.A.W. on NE faces.
From this cor. J.A. Westover's sod house bears N. 29°30' E.

From the SW. cor.; heretofore described, I run
North, along W. boundary.
Over level land.
32.45 Trail: bears N.70°E.: thence over rolling land.
35.44 Wire fence around house
35.50 SE. cor. of sod house bears W. 3 lks. dist.
38.00 Foot of range: bears NE&SW. ascend abruptly.
40.00 Deposit a charred stake 12 ins. in the ground

Chains

for NW. cor. of claim; dug pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked M F on SE. face.
From this cor. the SE. cor of house bears S. 0°25' W. 4.50 chs dist.

East. on N. bdy.
Descend abruptly, along SE. slope.
3.06 Wire fence; bears N. 70° E.
9.80 Trail: N. 80° E.
10.00 Enter level land. neck of valley.
21.00 Leave valley; ascend slightly over rolling ground.
25.65 Trail; bears S. 80° E.
31.94 Wire fence; bears S. 80° E.
40.00 Deposit a charred stake 12 ins in the ground for NE. cor. of claim. dug pits 18 x 18 x 12 ins S. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
M F. on SW. face.

South, on a random line along E. bdy.
40.00 Intersect E+W line at the SE. cor. heretofore described.
Thence I run
North, on true line along E. bdy.
Descend gradually along N. slope. along E. edge of plowing.
2.40 The NE. cor. plowed field.
14.00 Bottom of descent; enter valley - E+W. - over wet bottom land.
38.45 Trail: E+W. thence over rolling land.
38.52 Wire fence: N. 80° W.
40.00 The NE. cor of claim.

Chains

Land. mostly level bottom.
Soil. 1st and 3rd rates.

(No. 44)

The Pre. claim of John A. Westover, on secs. 2. 3. 10. and 11. containing 160 acres.

The SE. cor; stake with pits; being also the SW. cor of Anna Oakley's TC. claim, is shown.
Thence. I run
North. bet. claims of J.A. Westover & Anna Oakley.
Descend over rolling ground.
3.00 Wire fence; bears N. 3° E.
4.00 Bottom of descent + over rolling ground.
20.00 Deposit a charred stake 12 ins in the ground for cor. of the claims of John A. Westover, Romaine A. Westover and Anna Westover. dug pits 18 x 18 x 12 ins. N. and E. of cor. 4½ ft. dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
A E W, on SE.
R A W. on NE. and
J A W. on NW + SW. faces.
This cor bears from the ¼ sec. cor. bet. secs 2 and 11. N. 40°31' W. 25.60 chs dist.
Latitude, 19.46 chs N., Departure 16.64 chs. W.

West, bet. the Pre. and TC. claims of J. A. Westover
Over rolling ground.
10.00 Top of low bluff, 10 ft high; descend.
14.00 Enter neck of valley; N+S.
40.00 Set temp SW. cor of J.A. Westover's TC. claim.
43.80 Trail; bears N+S.
46.00 Begin ascent along S. slope over low ridges and ravines.
74.00 Top of ascent 50 ft above valley; thence over rolling ground.
80.00 Deposit a charred stake 12 ins in the ground

Chains.

for NW. cor of claim. dug pits 18x18x12 ins. E. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J A W. on SE. face.

South, along W. bdy;
Ascend.
3.00 Top of ascent. 10 ft above cor.; descend over rolling ground.
10.00 Bottom of descent; ascend along ~~SE~~ slope.
11.12 Wire fence; bears N. 30° W.
15.00 Top of ascent; descend slightly over rolling ground along SW. slope.
19.36 Wire fence: bears S. 10° W.
20.00 Deposit a charred stake 12 ins. in the ground for SW. cor. of claim. dug pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
J A W. on NE face.

East, on a random line ~~along~~ S. bdy.
80.00 Intersect NTS line at the SE. cor. of claim.
Thence 2 mm
West, on true line along S. bdy. of claim.
Ascend gently along N. slope.
18.40 Wire fence; bears S. 80° E.
27.00 Begin ascent along NE. slope of ridge.
29.00 Top of ascent on N. face of ridge 15 ft high.
Descend along W. slope over broken ground.
36.00 Bottom of descent in neck of valley.
42.00 Trail: bears NTS.
61.00 Begin ascent along NE. slope, over rolling ground.
73.00 Top of ascent: thence over rolling ground.

Chains

80.00 The SW. cor of claim.
Rolling prairie
Soil. sandy: ~~[illegible]~~ ratio.

(No. 43.)

The T.C. claim of John A. Westover, on secs 2 and 3. containing 160 acres.

From the S.E. cor of claim; described in the notes of survey of J A Westover's Pre. claim.
1 mm
North, bet. this claim and the T.C. claim of R. A. Westover.
Over level land.
40.00 Deposit a charred stake 12 ins in the ground for the NE cor of claim; and NW. cor of the T.C. claim of Romaine A. Westover. dug pits 18x18x12 ins. E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked
J.A.W. on SW. and
R.A.W. on SE. faces.

West, bet this claim and the Pre claim of Mina C. Westover.
Over wet meadow.
40.00 Deposit a charred stake 12 ins. in the ground for NW. cor of claim. and SW. cor. of Mina C. Westovers Pre claim. dug pits 18x18x12 ins N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit. drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
J A W. on SE. and
M C W. on NE faces.
From this cor. J.A. Westover's sod house bears N. 43° 30' W. about 15 chs dist.

Chains

South, on a random line ~~along~~ W. bdy.

40.00 Intersect N. bdy of J. A. Westover's Pre. claim at the temp cor. mentioned in the survey notes of said claim

Deposit a charred stake 12 ins in the ground for Sw. cor. of claim. dug pits 18x18x12 ins N. and E. of cor 4 ft dist, and raised a mound of earth, 3½ ft base 1½ ft high over deposit. In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. mkd

J A W. on NE face.

Thence I run

North, on true line on W. bdy.

Over rolling ground.

5.00 Begin ascent along S. slope low hills.

8.00 Top of ascent, 20 ft.: thence over rolling ground along top of range.

22.00 Begin gradual descent along NE. slope.

34.00 Enter valley; SE. and NW.

40.00 The NW. cor of claim.

Land, level bottom; and rolling sand hills.

Soil, 1st and 3rd rates.

Heavy prairie grass in bottom.

sand grass on hills.

(NO. 41)

The HE. claim of John A. Westover, on Sec. 3. containing 160 acres.

From the Sw. cor of claim, which is the SE. cor. of Michael Farrell's T.C. claim, heretofore described.

I run

East, along S. bdy. of claim.

Descend gradually along N. slope, over low ridges.

0.12 Wire fence: bears N. 2° E.

18.00 Bottom of descent; thence over rolling ground along range of low hills.

28.85 Trail: bears N & S.

41.18 Intersect W. bdy. of J. A. Westover's TC. claim.

Chains

this line being claimed by J. A. Westover as the E. line of his H.E. claim.

Deposit a charred stake 12 ins in the ground for SE. cor of claim. dug pits 18x18x12 ins N. & W. of cor. 4 ft dist, and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

J A W. on NW face.

This claim being 41.18 chs. E & W.; must be made 38.85 chs N & S. that it may contain 160 acres. Therefore, from the SE. cor, heretofore described

I run

North, along E. bdy of claim.

Over rolling ground.

1.50 Begin descent along NE. slope.

13.50 Enter valley; bears E. & W.

19.55 The NW. cor. of J. A. Westover's TC. claim.

38.85 Deposit a charred stake 12 ins in the ground for NE. cor. of claim: dug pits 18x18x12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked

J. A. W., on SW. face.

West, on a random line along N. bdy.

41.18 Intersect E. bdy. of Michael Farrell's TC. claim 1.15 chs S. of the NE. cor of said claim.

Deposit a charred stake 12 ins in the ground for NW cor of claim: dug pits 18x18x12 ins. E. and S. of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

J A W. on SE. face.

Thence I run

East, on true line along N. bdy.

Chains

Over rolling land, along N. slope of foot hills.

18.50 Trail: NW. & SE.

23.00 Begin abrupt ascent along SW. slope.

25.00 Top of ascent. 30 ft: thence along S. face of range, over broken land.

41.18 The NE. cor. of claim.

The SE. cor of claim, bears from the ¼ sec cor bet. secs. 2 & 3 — S. 89°45' W. 16.61 chs dist. Latitude 7 lks S, Departure 16.60 chs W.

Land: principally, level bottom.
Soil, sandy: 1st - 3rd rates.

(NO. 42)

The Pre. claim of Aaron H. Sallenberg, owned by Mina C. Westover, on Secs. 2 & 3, and containing 158.20 acres.

From the SW. cor of claim; being the NW. cor of the TC. claim of J. A. Westover, heretofore described. I run
North, along the W. bdy. of claim.
Over level land.

7.00 Leave valley; bears NE & SW.

8.00 Trail: bears N. 80° E.

9.15 Wire fence; bears S. 70° W.; begin ascent along SW slope

19.40 Top of ascent: thence over rolling ground.

20.00 Deposit a charred stake 12 ins in the ground for the NW. cor. of the W. part of claim. dug pits 18x18x12 ins. E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked
M.C.W. on SE. face.

I survey this claim for area, in two parts.
From the NE. cor. of J. A. Westovers TC. claim, heretofore described. I run

Chains

North, on a blank line bet. the E. & W. parts of claim

20.00 Deposit a charred stake 12 ins in the ground for NE. cor. of the W. part of claim: dug pits 18x18x12 ins. N. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base, 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
MCW. on SW face.

Thence I run
West, on a random line ~~along~~ N. bdy.

40.00 Intersect N & S line at the NW. cor. heretofore described. Thence I run
East along N. boundary.

20.00 Ascend over broken ground along S. W. face of range. Top of ascent, 100 ft. above valley, descend abruptly along S. E. slope.

28.42 Wire fence, Course N. 60° E., S. 60° W. enter level land.

28.80 Trail, Course N. 60° E., S. 60° W.

40.00 The NE cor. of the W. part of claim.

The area of the balance of claim being 78.20 acres, and being 20 chs. wide, will be 39.10 chs. N & S. Therefore, from the NE. cor. of J. A. Westovers TC. claim. I run
East, on S. bdy. of claim.
Over level ground.

20.00 Deposit a charred stake 12 ins in the ground, for the SE. cor of claim, and the SW. cor of the H.E. claim of Annie Oakley, owned by Romaine A. Westover. dug pits 18x18x12 ins N. & E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground marked
M.C.W. on NW. and
R.A.W. on NE faces.

Thence I run

Claim lines of T. 24 N., R. 39 W.

Chains.

North, bet. this claim and the HE. claim of Annie Oakley, owned by Romaine A. Westover.
Over level ground.

20.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the HE. claim of Annie Oakley owned by Romaine A. Westover, dug pits 18x18x12 ins. E. & S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked R.A.W. on SE. face.
Enter marsh

39.10 Deposit a charred stake 12 ins. in the ground for NE. cor of claim. dug pits 18x18x12 ins S. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked MCW; on Sw. face.
From this cor. R.A. Westover's sod house bears N. 29° E. about 10 chs dist.
This cor. bears from the witness cor. to the cor. of Tps 25 N., Rs 38 & 39 W, S. 88° 55' E. 8.34 chs dist. Lat. 17 lks S. - Dep. 8.33 chs. E.

West, along N. bdy.
Through dry bed of cane slough.

7.50 Leave slough; bears NE & SW: over level land.
12.05 Trail: bears NE & SW.
12.72 Wire fence: " " ascend along SE. slope.
20.00 Deposit a charred stake 12 ins in the ground, for NW cor of claim: dug pits 18x18x12 ins. E. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked MCW, on SE. face.

Claim lines of T. 24 N., R. 39 W.

Chains.

South, on a random line, on W bdy.
19.10 Intersect E & W. line at the NE. cor of the W part of claim, heretofore described.
Thence I run
North, on true line. on W. bdy.
Over level land.
10.20 Trail: bears N. 35° E.
10.68 Wire fence, " " begin ascent along SE. slope.
19.10 The NW. cor. of claim.
Land. chiefly level bottom.
Soil 1st & 2nd rates.

(No. 45)

The HE. claim of Annie Oakley; owned by Romaine A. Westover, on Secs 1 & 2. and containing 160 acres.

I begin at the Sw cor of claim, being also the SE. cor of the Mina C. Westover claim, and run East. along S. bdy. of claim.
Over level ground.

18.40 Begin slight ascent along N. slope.
27.00 Top of ascent (with plowing): thence descend slightly along N. slope.
50.00 Leave plowed field, at edge of valley: NW & SE. thence over level land.
70.00 Enter plowed field: N & S, ascend slightly.
80.00 Deposit a charred stake 12 ins in the ground for SE. cor of claim, and Sw. cor of the Pre. claim of Ann Westover. dug pits 18x18x12 ins N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked RAW, on NW. and AW. on NE. faces.

North. bet. this claim and the Pre claim of Ann Westover.

chains

Over nearly level land

7.00 Enter marsh: bears E & W.

16.00 Leave " thence over level alkali flat.

20.00 Set temp. NE cor. of claim.

West on a random line, along N. bdy.

80.00 Intersect W's line, at the NW cor of claim heretofore described.

Thence I run

East, on true line along N. bdy.

In marsh.

20.00 ~~Set temp~~ SW. cor of R.A. Westover's H.E. claim.

60.00 Deposit a chained stake 12 ins in the ground for SE. cor of Romaine A. Westover's H.E. Claim dug pits 18x18x12 ins N.W. of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft. high. over deposit.

In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

RAW; on NW face.

76.00 Leave marsh.

80.00 The ~~temp~~ cor. of claim.

Deposit a chained stake 12 ins in the ground for NE. cor. of claim, and NW cor. of Pre. claim of Ann Westover. dug pits 18x18x12 ins. E & S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

RAW., on SW. and

AW. on SE faces.

From the Standard cor. of secs. 31 & 32, T. 25 N., R. 38 W. this cor. bears S. 12°45' W; 1884 chs. dist. — Lat. 18.37 S., Dep 4.15 chs. W.

Land. principally marsh and Alkali flat.

Soil. 1st & 3rd rates.

chains

(No. 46)

The H.E. Claim of Romaine A. Westover, on secs. 1 and 2. containing 76.62 acres.

From the SE. cor. of claim, described in the notes of the survey of the H.E. claim of Annie Oakley, owned by Romaine A. Westover. I run

North: along E. bdy. of the claim.

Through dry bed of Cane slough.

13.00 Enter level bottom land: N. 70° E.

18.57 Intersect 6th Standard Parallel, where I deposit a chained stake 12 ins in the ground for closing cor. dug pits 18x18x12 ins E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

In S. pit. drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked

CC. on S. and

RAW. on W. faces.

This cor. bears S. 89°15' E. 16.55 chs from ¼ Cor on S. bdy. Sec 31.

As the bearing of the Standard line is N. 89°20' W., by the claim lines; - to make the required area the length of the S. bdy. should be 40.77 chs. therefore. 77 lks W. of the temp SW cor. of claim heretofore mentioned.

I Deposit a chained stake 12 ins in the ground for SW. cor of claim; dug pits 18x18x12 ins. N. & E. of cor 4 ft dist. and raise a mound of earth 3½ ft base 1½ ft high over deposit.

In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked

RAW. on NE face

From this cor. I run

North, along W. bdy. of claim.

Through dry bed of cane slough.

19.03 Intersect 6th Standard Parallel, where I deposit a chained stake 12 ins in the ground. for closing cor.; dug pits 18x18x12 ins. E & S. of cor

Chains

4 ft. dist, and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
CC. on S. and
RAW. on E. faces.
Land: level cane marsh.
Soil: 1st rate.

(NO. 49)

The T.C. claim of Anna E. Oakley; owned by Anna E. Westover, on secs. 1. 2. 11. and 12. containing 160 acres.

From the NW. cor of claim, heretofore described, I run
East, bet. this claim and the T.C. claim of R.A. Westover.
Over level land.
0.28 Wire fence: N. 2° E.
26.80 Trail: bears S. 30° E.; begin ascent along Sw. slope.
37.00 Top of ascent on S. slope of ridge. thence along S. slope of range, over ridges and ravines.
40.00 Deposit a charred stake 12 ins. in the ground for SE. cor of the T.C. claim of Romaine A. Westover. dug pits 18x18x12 ins. N. & W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked RAW. on NW face.
75.00 Begin descent along SE. slope.
80.00 Deposit a charred stake 12 ins in the ground for NE cor of claim. dug pits 18x18x12 ins. S. and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
AEW. on Sw. face.

Chains

South, along E. bdy.
Descend gradually.
5.00 Bottom of descent. Trail. E. and W.
5.63 Wire fence; bears S. 8° W.
7.00 Enter plowed field: S. 20° W.; begin ascent gradually along N. slope.
17.00 Leave plowed field.
20.00 Set temp SE. cor of claim.

From the Sec. cor of claim, heretofore described. I run
East. along S. bdy.
Descend slightly along NE. slope.
0.32 Wire fence; bears S. 85° E.
5.00 Enter level land; SE. & NW.
32.00 Ascend slightly over low foot hills.
34.65 Trail: bears S. 20° E.; ascend slightly over rolling foot hills.
76.94 Wire fence: bears N. 8° E.
80.00 Intersect NS line at the temp. SE. cor of claim. Deposit a charred stake 12 ins in the ground for SE. cor of claim. dug pits 18x18x12 ins. N. and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
AEW; on NW. face.
Land. dry rolling bottom.
Soil. sandy; 2nd & 3rd rate.

(NO. 48)

The T.C. claim of Romaine A. Westover. on sec. 2.; containing 160 acres.

At a point on the S. bdy of the NE. claim of Anna Oakley, owned by R.A. Westover; and 40 chs E. of the NW. cor of claim, heretofore described. I deposit a charred stake 12 ins in the ground for NE. cor. of claim. dug pits

Chains

18x18x12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground. marked RAW, on SW. face.
Thence I run
South, along E. bdy.
Ascend gradually, along N. slope.
13.00 Top of ascent, 50 ft.; thence ascend along N. face of range over broken ground.
21.00 Top of range; E+W. thence descend along SW. face.
40.00 The S.E. cor of claim, heretofore described.
Land. level bottom on W. side.
sand hills on E.
Soil. 1st and 3rd rate.

(NO. 47)

The Pre. claim of Amasa H. Westover. owned by Ann Westover. situated on secs 1 + 6. T. 24 N., RS. 38 + 39 W. containing 157.88 acres.

From the SW. cor of claim, heretofore described. I run
East. along S. bdy.
Over rolling ground through an abandoned plowed field.
3.80 Wire fence: S. 30° W.
16.85 Leave plowed field: - 2 chs wide.
16.90 Trail; bears N. 10° W.
35.00 Begin abrupt ascent along NW slope.
38.00 Top of ascent, 40 ft. Thence ascend over broken ground along W. face of range.
45.00 Top of ascent 100 ft above valley; descend along E. face over broken ground.
60.00 Deposit a chained stake 12 ins in the ground for SE. cor of claim: dug pits 18x18x12 ins N. + W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

Chains.

In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground. marked AW. on NW face.

North, along E. bdy of claim.
Over rolling ground along E. face
5.00 Begin abrupt descent along NE. slope.
13.00 Bottom of descent; thence over rolling ground ascending slightly.
26.00 Trail: bears N. and S. 10° E.
28.00 Leave trail: bears S. and N. 10° E.
38.67 Intersect 6th Standard Parallel, where I deposit a chained stake 12 ins. in the ground for closing cor. dug pits 18x18x12 ins E. + S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base. 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked C.C. on S. and A.W. on W. faces.

The area of the fractional part of the claim being 37.88 acres. and 6th Standard Parallel bearing S. 89° 42' W.; the width - E + W. - of the N. part of claim will be 20.34 chs.
Therefore from the NW cor of claim. heretofore described. I run
East. on N. bdy. of claim.
Over alkali flat.
2.28 Wire fence: bears NW + SE.; ascend.
2.65 Trail; thence over rolling ground along N. slope of low hills.
15.00 Enter marsh; NE. + SW.
22.00 Leave " " " ascend along N. slope.
29.00 Top of ascent, 30 ft high; thence along N slope over ridges and ravines.
35.00 Begin descent along NE. slope.

Chains

39.66 Deposit a charred stake 12 ins. in the ground, for SW. cor of the N. part of claim. dug pits 18X18X12 ins. N. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N pit. drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground. marked
AW. on NE face.

North, along W. bdy. of the N. part of claim.
Descend over rolling ground.
18.55½ Intersect 6th Standard Parallel 3.07 chs N. 89° 40' E. from the closing cor of T 24 N. Rs. 38 and 39 W.
Deposit a charred stake 12 ins in the ground for closing cor. dug pits 18X18X12 ins S. & S of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
CC. on S., and
AW. on E faces.
Land. mostly broken hills.
Soil. 3rd rate.

(No. 50)

The T.C. claim of Mary E. Carroll. on secs. 1 and 6. T. 24 N. Rs. 38 & 39 W. containing 160 a.
This claim has 2 marked cors. - the NE. and the NW. which is the NE. cor of the Anna E. Westover TC. claim. heretofore described.

From the NE. cor. marked by a stake, I run
West. on a random line along N. bdy.
81.12 Intersect N & S line 32 lks N. of the NW. cor of claim.
Thence I run
N. 89° 47' E. on true line along N. bdy.
Over rolling land, along S. slope.

Chains

2.10 Wire fence; bears N. 30° E.
19.90 Top of ascent. 30 ft. thence descend along S.E. slope.
31.60 Trail; bears N. 80° E.
33.00 Enter level ground.
51.30 Trail: bears N & S.
57.40 " " N. 30° E.
60.00 Begin gradual ascent, along N. slope.
80.00 Top of ascent: thence along N. slope.
81.12 The NE. Cor. of claim. Lat. 0.32, Dep. 81.12.
1600 sq. chs. divided by 81.12 = 19.72 chs. mean width of claim.
and 19.72 + 0.16 is 19.88, the length of E. bdy. and
19.72 − 0.16 is 19.56, " " " W. bdy.

From the NW. cor. heretofore described, I run
South, along W. bdy.
19.56 Deposit a charred stake 12 ins. in the ground for SW. cor. of the claim. dug pits 18X18X12 ins. N. & E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
M.E.C. on NE face
From the ¼ sec. cor. bet. secs 1 & 12. this cor. bears S. 89° 44' W. 16.64 chs. dist. Lat. 8 lks S.; Dep. 16.64 chs. W.

From the NE. cor. of claim, I run
South, along E. bdy.
ascend gradually, along NW. slope.
12.00 Top of ascent: thence along NW. face.
19.87 Deposit a charred stake 12 ins. in the ground. for SE. cor. of claim; dug pits 18X18X12 ins. N. & W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
M.E.C. ; on NW face.

West. on a random line. along S. bdy.
81.12 Intersect N & S. line at the SW. cor. of claim.
Thence I run
East. along S. bdy; on true line.

Chains.

Along N. slope of range.

50.00 Trail: N.W.S. ascend slightly over rolling ground along NW. slope.

81.12 The S.E. cor. of claim.

Land, narrow valley, with hills on N.W.S. bdys.

Soil: sandy, 2nd & 3rd rate.

(No. 51)

The H.E. claim of Mary E. Carroll, on secs. 7 and 12. T. 24 N., Rs. 38 and 39 W.; area 160 acres.

From the S.E. cor. of claim, which is a stake and pits, I run

West, on S. bdy. of claim.

Over rolling ground, along NW. slope.

11.00 Trail: bears N. 30° E.

24.00 Enter marsh. NE. & SW.

34.00 Leave "

51.20 Trail: bears N. 80° W.

70.00 Begin gradual ascent, along NE. slope.

71.80 Wire fence: N. 80° W.

80.00 Deposit a chamed stake 12 ins. in the ground for S.W. cor. of claim. dug pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

M E C. on NE. face.

From this cor. Carroll's sod house bears N. 63° 12' E. about 18 chs.

North, along W. bdy. of claim.

Descend along NE. slope.

5.80 Bottom of descent.

7.30 Trail: bears N. 80° W.

9.00 Begin ascent along S. slope.

20.00 Set temp. NW. cor. of claim.

From the SE. cor. I run

North, on true line along E. bdy. of claim.

Descend slightly.

7.00 Enter valley; E. & W.

16.00 Begin gradual ascent along S. slope of range.

Chains.

20.00 Deposit a chamed stake 12 ins in the ground for NE. cor. of claim, dug pits 18 x 18 x 12 ins. S. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked

M. E. C.; on SW. face.

Thence I run

West, along N. bdy.

Descend along S. slope, over rolling ground.

5.85 Trail: bears N. 20° W.

8.00 " " N. 80° W.

Over level land, along N. edge of valley.

38.30 Trail: bears S. 80° W.

49.00 Leave valley; NE. & SW.

66.00 Top of ascent, 100 ft.: on S. face of ridge: descend over broken ground along SW. face.

68.20 Wire fence; bears N. 20° E.

80.00 The temp. NW. cor.: Deposit a chamed stake 12 ins in the ground, for NW. cor. of claim: dug pits 18 x 18 x 12 ins. E. & S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked

M. & C.: on SE. face.

The NE. cor. of claim, bears from the ¼ sec. cor. bet. secs. 7 & 12. S. 88° 46' E. 22.13 chs dist. Lat. 47 lks S.; Dep. 22.12 chs E.

Soil: sandy; 1st and 3rd rates.

Slough grass in bottom. Bunch grass on hills.

R. H.

(No. 52)

The T.C. claim of James Farrell, on secs. 13 and 14. area 160 acres.

The SW. cor. of the claim, as pointed out by the owner, being pits, without mound.

I re-establish cor. at the same point by depositing a chamed stake 12 ins. in the ground, dug pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.

Chains

In N. pit. drove an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground. marked
J. F. on NE. face.
From the ¼ sec. cor. bet. secs. 14 + 15, this cor. bears S. 88°55' E. 14.04 chs. dist.
Lat. 37 ch. S. ; Dep. 14 chs. E.
A well and windmill bears N. 73° E. about 12 chs. dist.

Thence I run
East. along S. bdy.
Over rolling ground.
8.05 Trail: bears N. + S: enter wet valley.
51.00 Leave valley: NE + SW. ; ascend slightly over rolling foot hills.
68.00 Top of ascent. thence along N. slope of range over rolling ground.
80.00 Deposit a charred stake 12 ins. in the ground for SE. cor. of claim. dug pits 18 x 18 x 12 ins. NW. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
J. F. on NW. face.

North. along E. bdy.
Descend slightly along N. slope.
5.00 Enter valley : bears E + W.
16.00 Begin gradual ascent, along S. slope.
20.00 Set temp. NE. cor. of claim.

From the SW. cor. heretofore described.
I run
North, along W. bdy. of claim.
Over rolling ground.
5.00 Enter valley; E + W.
9.00 Leave " ascend over rolling foot hills.

Chains
18.50 Trail: bears N. 30° W.
20.00 Deposit a charred stake 12 ins in the ground for NW. cor of the claim. dug pits 18 x 18 x 12 ins. E. + S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
J. F. on SE. face.

East. along N. bdy.
Over rough broken sand bluffs and ridges.
8.00 Trail: bears N + S.
22.00 Begin gradual descent along SE. slope.
32.00 Enter rolling valley: NE + SW.
68.00 Begin gradual ascent along SW. slope.
76.00 Top of ascent. 20 ft: thence along N. slope of range.
80.00 Intersect N + S line at the temp NE. cor heretofore mentioned.
Deposit a charred stake 12 ins in the ground for NE. cor of claim. dug pits 18 x 18 x 12 ins S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
J. F. on SW. face.
Land. level bottom, and rough sand hills.
Soil. 1st + 3rd rates.

(No. 73.)

The TC. claim of General R. White, owned by his heirs; 160.87 acres. situated on secs 1. 6. 31. and 36. Ts 23 + 24 N. Rs. 38 + 39 W.

The NE. and NW. cors. are shown.
The NE. cor which is a stake in ground.
I re-establish at same point by depositing

Chains.	
	a charred stake 12 ins in the ground. dug pits 18X18X12 ins. S. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W HRS. on Sw. face.
	This cor. bears from the ¼ sec cor bet. secs 31 & 36. S. 0°30' E. 15.95 chs dist.
	Latitude 15.94 chs S; Departure 13 lks E.
	Thence I run
	West. on a random line along N. bdy.
40.00	Intersect NTS line 79 lks S. of the NW. cor of claim which is a stake driven in ground. Re-establish this cor at same point as follows. Deposit a charred stake 12 ins in the ground for NW cor of claim and NE. cor. of the Pre.claim of Lizzie Minor. dug pits 18X18X12 ins E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W HRS, on SE. and LM. on SW faces.
	Thence I run
	S. 88°52' E. on true line along N. bdy.
	Over nearly level land.
39.64	Wire fence, bears NTS.
40.00	The NE. cor of claim. Lat. 0.79. Dep. 39.99 chs. and the area being 160.87 acres; the E. bdy. should be 39.84, and the W. bdy. 40.62 chs.

	Thence I run
	South. on E. bdy.
	Over level ground.
9.40	The N.W. Cor. of John S. Dellinger's Pre.claim.
20.77	Wire fence, along railroad
21.62	Telegraph line " "
22.33	Center of track Burlington and Missouri River railroad: bears N. 80°02' W.
23.50	Wire fence, along railroad
33.00	Begin abrupt ascent.

Chains.	
39.84	Deposit a charred stake 12 ins. in the ground for SE. cor of claim; dug pits 18X18X12 ins. N. & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W. HRS, on NW. face.

	From the NW. cor. of claim heretofore described.
	I run
	South bet. this claim and the Pre claim of Lizzie Minor.
	Over level land.
13.62	Wire fence, parallel to railroad.
14.66	Telegraph line. " "
16.13	Center of track. Burlington & Missouri River railroad. bears N 80°02' W.
17.67	Wire fence, " "
18.95	Trail, " "
19.40	Enter plowed field. N 80° W.
24.30	Leave " " " ascend gradually along N. slope.
35.00	Begin abrupt ascent.
39.20	Top of ascent, 50 ft: thence over rolling ground along top of range.
40.62	Deposit a charred stake 12 ins in the ground for SW. cor of claim: dug pits 18X18X12 ins. N. & E. of cor 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked W. HRS, on NE face.

	East. on a random line along S. bdy.
39.99	Intersect NTS line at the SE. cor of claim.
	Thence I run
	West. on true line along S. bdy.

Chains

Descend slightly along N. face of broken land.

8.40 Sand peak: thence over broken land low ridges and ravines.

39.94 The Sw. cor of claim.

Land. level bottom on N. and Sand hills on S.

Soil, 1st and 3rd rates.

(No. 72.)

The Pre. claim of Lizzie White, on secs. 35. and 36. containing 162.13 acres., owned by Lizzie Minor.

From the NE. cor of claim. heretofore described. being also the NW. cor of the TC. claim of General R. White. I run

West, on a random line along N bdy.

60.00 Intersect NTS line 119 lks S. of a hole in the ground said to be the NW. cor. of claim.

I re-establish the cor at same point. by depositing a charred stake 12 ins. in the ground. dug pits 18X18X12 ins. E. & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

L M, on SE. face.

Thence I run

S. 88° 52' E. on true line along N. bdy.

Over rolling ground.

5.00 Foot of low ridge; ascend

7.50 Top of ascent on ridge, 20 ft.; bears S 20° E. descend gradually

18.00 Bottom of descent; thence over level land.

20.00 Deposit a charred stake 12 ins in the ground for Sw. cor. of the N. part of claim. dug pits 18 X18X12 ins. N & W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked

L M. on NE. face. The area of the N. part of claim will be 40 acres. – and the S. bdy. bearing S. 88° 52' E. Lat. 40 chs. Dep. 20 chs. – the E. bdy. should be 20.20 & W. bdy. 19.80 chs.

Chains

Thence I run

North, along W. bdy of the N. part of claim.

Over level ground.

3.00 Begin gradual ascent over broken ground.

17.00 Top of ascent. 50 ft. high; thence over broken ground.

19.80 Deposit a charred stake 12 ins. in the ground for NW. cor of the N. part of claim: dug pits 18X18X12 ins. E. & S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.

In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked

L M. on SE. face.

This cor. bears from the ¼ sec. cor. bet. secs. 35 and 36. N. 2° 05' E. 5.68 chs dist.

Latitude 5.67 chs N. Departure 27 lks. E.

From the Sw. cor. of the N. part of claim, heretofore described. I run

S. 88° 52' E. on a blank line across claim.

20.00 Deposit a charred stake 12 ins in the ground for the SE. cor of the N. part of claim. dug pits 18 X18X12 ins. N. & E. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

L M. on NW face.

North, along E. bdy of N. part of claim.

Over level land.

0.98 Wire fence: bears N. 80° W.

4.00 Begin gradual ascent along S. slope.

14.00 Top of ascent 75 ft high; ascend along S. face.

20.20 Deposit a charred stake 12 ins in the ground for NE. cor of the N. part of claim. dug pits 18 X 18X12 ins. S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit

Chains

In S. pit, drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked L. M. on Sw. face.

West on a random line along N. bdy.
20.00 Intersect N & S line at the NW. cor of claim.
Thence I run
East. on true line, along N. bdy.
Descend over broken ground.
8.00 Bottom of descent; ascend along Sw. slope. over broken ground.
20.00 The NE. cor. of claim.

From the SW cor of the N. part of claim. I run
S. 88° 52' E. on N. bdy. of the S part of claim.
Over level ground.
20.00 The NE. cor of claim. heretofore described.
With its N. bdy. bearing S. 88° 52' E.; 60 chs. and its area 122.13 acres the E. bdy. of the S. part should be 19.76, and W. bdy. 20.96 chs.

From the NW. cor. of the S. part of claim. I run
South along W. bdy.
Over rolling ground.
6.00 Trail. along railroad.
6.79 Wire fence: along railroad.
7.75 Telegraph line " "
8.30 Center of track. Burlington and Missouri River railroad. bears N. 88° 20' W.
9.80 Wire fence " "
10.00 Trail: " " ascend over rolling ground along N. slope.
20.96 Deposit a charred stake 12 ins in the ground for SW. cor of claim. dug pits 18 x 18 x 12 ins N. and E. of cor 4 ft dist. and raised a mound of earth. 3½ ft. base 1½ ft high over deposit. In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked L M. on NE. face.

Chains

From the NE. cor of the S. part of claim. I run
South. along E. bdy.
Over level land
13.62 Wire fence. along railroad.
14.66 Telegraph line. " "
16.13 Center of track. Burlington and Missouri River railroad. bears N. 80° 02' W.
17.67 Wire fence, " "
18.95 Trail. " "
19.40 Enter plowed field. S. 80° E.
19.76 Deposit a charred stake 12 ins. in the ground for SE cor. of claim, dug pits 18 x 18 x 12 ins. N. and W. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high. over deposit. In N. pit. drove an oak stake 2 ft. long. 2 ins sq. 12 ins. in the ground, marked L. M. on NW. face.

West. on a random line along S. bdy.
59.99 Intersect N & S line at the SW. cor of claim.
Thence. I run
East. on true line along S. bdy.
Ascend gradually along NW. slope.
10.00 Top of ascent. 30 ft.; thence over rolling land. along N. slope.
29.00 Begin gradual descent along NE. slope.
56.60 Enter plowed field; N & S.
59.99 The SE. cor. of claim.
Land. broken hills. N & S. sides: level in center.
Soil sandy and alkali: 1st to 5th rate.
November 4, 1895.

Chains.

(No. 58)

The T.C. claim of William S. McKinnis; on secs. 22 and 23. containing 160 acres.
The SE. and SW. cors. are shown.
10.62 Ac. being in conflict with T.C. claim of Joseph Saunders.
From the SW. of the claim. which is a mound with 4 pits; and which bears S. 8° 20' W. 17.40 chs. from the ¼ sec cor bet. secs. 22 & 23.
Latitude 2.52 chs S.; Departure 17.20 chs W. I run
East. on a random line along S. bdy.

39.94 Intersect N'TS line 20 lks S. of the SE. cor of claim. which is a flat mound with pits N. and S. of cor.
Thence I run
S. 89° 43' W. on true line along S. bdy.
Ascend.

2.00 Top of ascent 20 ft above cor: thence along N. slope. over low ridges and ravines.

23.00 Trail: S. 20° E. ; ascend along NE. slope.

39.44 The SW. cor. of claim.
Lat 20 lks S. Dep. 39.94 W. therefore 1600 sq. chs divided by 39.94 gives 40.06 chs for mean length of claim. consequently
40.06 plus .10 is 40.16 chs: the length of W. bdy.
40.06 minus .10 is 39.96 chs. " " " E. bdy.

Thence I run
North. on a true line along W. bdy.
Descend gradually along N. slope.

9.86 Trail: bears N. 60° W.

10.16 Enter plowed field: S 70° E.

11.56 Leave " "

14.00 Enter wet valley: N. 80° W & S 80° E.

27.00 Begin ascent along SE. slope.

33.00 Begin abrupt ascent along SE. slope.

38.50 Top of bluff. 75 ft high.

40.16 Deposit a charred stake 12 ins in the ground for the NW. cor of claim, dug pits 18x18x12 ins E & S of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In E. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked WSMcK on SE. face.

Chains

From the SE. cor of the claim. I run
North. on a true line on E. bdy of the claim.
Descend gradually.

9.00 Enter valley: E & W.

20.00 Mound. said to be SW. cor of the Pre. claim of William S. McKinnis.
thence over level wet valley.

39.96 Deposit a charred stake 12 ins in the ground for NE. cor. of claim. dug pits 18x18x12 ins S. and W. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft. high over deposit. In S. pit. drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground. marked WSMcK on SW face.

From the NE. cor. of the claim. I run
West. on a random line.

39.94 Intersect N'TS line at the NW. cor; thence I run
East. on true line on N. bdy. of the claim.
Along S. face of range.

6.00 Begin abrupt descent along SE. slope.

8.50 Gulch 30 ft deep; N'TS.

14.00 Bottom of descent; descend gradually along S. slope.

34.00 Enter rolling land.

39.94 The NE. cor. of the claim.
Level bottom land. and sand hills.
Soil 1st & 3rd rates.

(No. 56)

The Pre. claim of William S. McKinnis, on sections 23 and 24. containing 161.21 acres.
92.18 Ac. being in conflict with T.C. Claim of Joseph Saunders.
From the SW. cor. of the claim, which is a mound without stake or pits. I run
East. on a random line.

79.58 Fall 47 lks S. of the SE. cor of the claim. which is a mound with post and pits.
Thence I run

Chains

S. 89°41' W. on true line along S. bdy. of the claim.
Over rolling ground along N. slope.
40.00 Enter wet bottom; N. 80° E. & S. 80° W.
78.50 Trail; N & S.
79.88 The Sw. cor of the claim which I secure by depositing a charred stake 12 ins in the ground dug pits 18 x 18 x 12 ins. N. & E of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked W S McKon NE face.

From the SE. cor of the claim I run North, on a random line.
19.98 Fall 26 lks. E. of the NE. cor of the claim. which is a mound with trench dug around. with a Bull horn in the mound
From the old N.E. cor. I run
S. 0°45' E. on true line along E. bdy. of the claim.
Over level ground on top of low ridge.
1.50 Begin gradual descent.
6.00 Bottom of descent; Enter valley; Cree.
Thence over level ground.
19.98 The SE. cor of the claim.

From the NE. cor of the claim. I run West. on a true line on N. bdy. of the claim.
Ascend over rolling ground.
4.00 Top of ascent, 10 ft.; thence along S. face descending over low rolling hills.
20.00 Bottom of descent; ascend along SE. slope.
23.00 Top of ascent on S. face of ridge 30 ft high.
Thence over rolling ground.
48.00 Depression. N & S; ascend.
55.00 Ridge 40 ft high; N. 10° W.; descend over rolling land.
63.00 Begin gradual descent along Sw. slope.
73.00 Enter rolling valley; bears NW. & SE.

Chains
76.00 Trail; bears N & S.; thence over level land.
79.62 Set temp NW. cor of the claim.

From the Sw. cor. of the claim. I run North. on a true line on W. bdy. of the claim.
Over level land.
20.45 Intersect E & W line at temp. NW. cor. of the claim.
Deposit a charred stake 12 ins. in the ground for the NW. cor of the claim; dug pits 18 x 18 x 12 ins. E. & S of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft. high over deposit.
In E pit. drove an oak stake 2 ft long 2 ins sq. 12 ins. in the ground, marked
W S McKon SE. face.
This cor is 4 9 lks N. of the NE. cor of W. S. McKinnis' T.C. claim. and bears S. 83°18' W. 17.42 chs dist. from the ¼ sec cor. bet. secs 14 and 23.
Lat. 2.03 chs S. Dep. 17.30 chs W.
Land chiefly level bottom.
Soil 1st & 2nd rate.

(No. 53.)

The T.C. claim of John A. Kresse. on secs. 24 & 19. T 24 N., Rs 38 & 39 W. containing 160 acres. marked by NW. and Sw. cors. which are the NE. and SE. cors. of the William S. McKinnis NE. claim. heretofore described.
The bearing of the W bdy being N. 0°45' W. and its length 19.98 chs. Lat. 19.98 Dep. 0.26
Therefore 1600 sq. chs. divided by 19.98 gives 80.08 for the mean length of the claim.
Consequently.
80.08 − .13 is 79.95 chs. the length of S. bdy.
80.08 + 13 is 80.21 " " " " N. bdy.
From the Sw. cor. of the claim. I run East. on a true line on S. bdy. of the claim.
Ascend gently along N. slope, through an abandoned plowed field.

Chains

20.00 Leave plowed field.
22.00 Trail: bears S. 85° E.
39.00 Top of ascent: descend gently along W. slope.
41.40 Trail: S 80° E.
50.00 Bottom of descent.
72.87 Trail: bears S. 10° W.
79.95 Deposit a charred stake 12 ins in the ground for SE. cor of the claim and S.W. cor of John A. Kress's Pre. Claim; dug pits 18 X 18 X 12 ins. N. & E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked J A K. on NW and NE faces.

From the NW. cor. of the claim. I run
East. on a true line on N. bdy.
Over rolling ground.
4.00 Begin gradual descent along SE. slope.
18.00 Enter valley; NW & SW.
55.00 Enter marsh.
80.21 Deposit a charred stake 12 ins in the ground for the NE. cor of claim, and NW. cor. of the Pre. claim of John A. Kress. dug pits 18 X 18 X 12 ins. S. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked J A K. on SW and SE. faces.

Thence I run
South, on a random line
19.98 Intersect E & W. line at the SE. cor. of the claim.
Thence I run
North, on true line bet. the T.C. and Pre. claims of John A. Kress.
Over rolling ground.
4.00 Enter marsh.
19.98 The NE cor of the claim.
From the ¼ Sec. Cor. bet. secs 13 & 24.; The N.W. cor. of the claim bears S. 83° 05' W. 17.87 chs. dist. Lat. 2.12 S. Dep. 17.72 W.

Chains

Land. level and rolling bottom.
Soil: sandy; 1st and 2nd rate.
Nov. 5. 1895.

(No. 64)

The Pre. claim of Louis Merrin, owned by H. Leonard Graves. on sections 25 and 30 T 24 N. Rs. 38 and 39 W. containing 160 acres.

By a stipulation between H. Leonard Graves Henry Graves, John Klinge, George Jakes and Rochester Tappan; the old line bet. secs 25 & 30, 31 and 36. is considered to be defined by a fence post, on the N. and a stone, established by county surveys for the cor of Ts. 23 and 24 N. Rs 38 & 39 W. on the S. ends. the bearing of this line being N. 0° 45' E.
In order to make the survey of the claims of H. L. Graves and Henry Graves, in T. 24 N., R. 39 W. I am obliged to commence from this line, as they have no lines or corners W. of this line.
I therefore make the survey of the HE. claim of Henry Graves, and the Pre. claim of Louis Merrin. - owned by H. Leonard Graves, - lying mostly in R. 38. at this time as the W. bdys. of these claims are the E. bdys of two claims to the west, in T. 24 N., R. 39 W.

The SE. cor of this claim, defined by a wire fence, is also the SW. cor. of the HE. claim of George Jakes, and the NW. cor of the Pre. claim of John Klinge
Thence I run
N. 0° 45' E. bet. claims of H. L. Graves & Geo. Jakes.
Over level land of old cane slough. now dry and producing a good cow hay.
40.00 Deposit a charred stake 12 ins in the ground

Chains

for the NE. cor of claim, and a cor. of the HE. claim of George Jakes; the TC. claim of Rochester Tappan, and the HE. claim of Henry Graves. dug pits 18x18x12 ins. N and E. of cor 4 ft dist and raised a mound of earth 3½ ft base. 1½ ft high over deposit. In E. pit, drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
RT. on NE
GJ. on SE.
HLG. on SW. and
HG. on NW. faces
As the bearing of the E. bdy is N. 0° 45' E. length 40 chs. the Lat. of N.E. cor is 40 chs. N. and Dep 52 lks E. therefore 1600. sq. chs. divided by 40.00 gives 40 chs. for the mean length of the claim. consequently
40.00 + 0.26 is 40.26 chs.; the length of N. bdy
40.00 − 0.26 is 39.74 " " " " S. bdy.

From the SE. cor of the claim. I run
West on true line, on S bdy of the claim.
Over level ground; the dry bed of a cane slough.
12.00 Leave old marsh. – over level ground.
25.00 Begin gentle ascent.
37.00 Top of ascent. 20 ft. – Over rolling ground.
37.16 Wire fence: bears N. 75° W.
39.74 Deposit a charred stake 12 ins in the ground for SW. cor. of claim, and SE. cor of the Pre. claim of H. Leonard Graves. dug pits 18x18x12 ins. N. and E of cor 4 ft dist. and raised a mound of earth. 3½ ft base 1½ ft high over deposit.
In N. pit. drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
HLG. on NE. and NW. faces
This cor. bears from the cor. of secs 25. 30. 31. and 36. N. 51° W. 24.04 chs. dist.
Lat. 15.12 N., Dep. 18.68 W.

Chains

Thence I run
North. on true line bet. the Pre. claims of H. L. Graves.
Over rolling land.
0.36 Wire fence: bears N. 85° W.
10.00 Enter level land.
40.00 Set temp. NW. cor.

From the NE. cor of the claim. I run
West. on true line bet. this claim and the HE. claim of Henry Graves.
Over level land.
40.26 Intersect NS line at temp cor. where I deposit a charred stake 12 ins. in the ground for NW. cor of the claim and NE. cor. of HL. Graves' Pre. claim. dug pits 18x18x12 ins E. and S. of cor 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
HLG. on SE. and SW. faces.
Land. level bottom.
Soil. sandy: 1st rate.
November 6, 1895

(No. 63)

The HE. claim of Henry Graves, situated on secs 19. 24. 25. and 30. T. 24 N. RS. 38 & 39 W. containing 160 acres.

From the SE. cor. of the claim, described as the NE. cor. of the Pre. claim of Louis Menin. owned by H. Leonard Graves, in the notes of the survey of that claim. I run
N. 0° 45' E. bet. this claim and the TC. claim of Rochester Tappan.
Over level ground.
17.30 Trail: bears E. and W.

Chains

18.70 Begin gradual ascent along S. slope.

38.65 Top of ascent at NW. cor of fence.; thence over rolling ground.

40.00 Deposit a chamfered stake 12 ins in the ground for NE. cor of claim, and the NW cor of the TC. claim of Rochester-Tappan. dug pits 18x18 x12 ins. E. and S., of cor 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked
HG. on SW. and
RT. on SE faces.
From this cor. Henry Graves' house bears S 58°45' W. about 20 chs. dist.
Lat. of the NE. cor. from the SE. cor of claim is 40 chs, Dep. 52 lks; therefore 1600 sq. chs. divided by 40 gives 40 chs. mean length of the claim. Consequently
40.00 + 0.26 is 40.26 chs. the length of N. bdy.
40.00 − 0.26 is 39.74 " " " " S. bdy.

From the SE. cor of the claim. I run
West. on a true line along S. bdy. of the claim.
Over level land.

39.74 Deposit a chamfered stake 12 ins. in the ground for SW. cor of the claim and the SE. cor of the TC. claim of Henry Graves. dug pits 18x18x12 ins N. and E of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In N pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
HG. on NE. and NW. faces.
Henry Graves' house bears N. 39°50' E.

Thence I run
North, on a true line bet. this claim and the TC. claim of Henry Graves.

Chains.

Over level land

29.20 Trail; bears E. and W.

29.40 Enter plowed field.

38.61 Wire fence at N. edge of plowed field: begin gradual ascent

40.00 Set temp. NW. cor. of claim.

From the NE. cor of the claim. I run
West. on a true line along N. bdy.
Over rolling ground, along S. slope.

2.00 Begin descent along SW. slope.

11.50 Trail: bears NTS. at bottom of descent; ascend along SE. slope.

20.00 Top of ascent. 75 ft.: thence along S. face of range. over rolling ground.

36.00 Descend slightly.

40.26 Intersect NTS line at the temp NW. cor. where I deposit a chamfered stake 12 ins. in the ground for NW cor of the claim, and NE. cor. of the TC. claim of Henry Graves. dug pits 18x18x12 ins E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit. In S. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground. marked
HG. on SE. and SW. faces.
This cor. bears N. 50°30' W. 23.61 chs. dist. from the cor. of secs. 19. 24. 25 and 30.
Lat. 15.02 N.; Dep. 18.20 W.
Land: mostly, level bottom.
Sand hills, on N. side.
Soil: 1st and 3rd rates.

(No. 65.)

The One. claim of H. Leonard Graves. on Sec. 25. containing 160 acres.

From the SW. cor. of the One. claim of Louis Merrin. owned by H. Leonard Graves, heretofore described. I run

Chains.

West. on a true line on S. bdy of the claim.
Over nearly level ground
2.40 Trail: bears N. 80° W.; begin gentle ascent along NE. slope.
19.00 Top of ascent, 30 ft.: thence along N. slope, over rolling ground.
40.00 Deposit a charred stake 12 ins. in the ground for the SW. cor of claim: dug pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground. marked HLG. on NE face.
From this cor. a well and wind mill. bears N. 24° 29' E. about 9 chs dist.
Thence I run

North on a true line. along W. bdy. of the claim.
Descend gradually along N. slope.
6.00 Bottom of descent, in neck of valley. E&W.
10.00 Foot of bluffs: N. 80° E.; ascend abruptly.
15.00 Top of ascent. 50 ft.: thence ascend along SE. face.
20.00 Top of range; 75 ft high bears E&W.; descend along N.E. face.
32.00 Begin abrupt descent along NE. slope.
35.00 Bottom of descent.
36.00 Trail: bears N. 50° W.
36.14 Wire fence. " "
37.00 Enter valley: bears NW. & SE.
40.00 Set temp. NW. cor. of claim.

From the NE. cor of the claim, heretofore described I run
West. on a true line on N. bdy. of the claim.
Over level ground.
40.00 Intersect N. & S. line at the temp NW. cor. where I

Chains.

deposit a charred stake 12 ins in the ground. for the NW. cor of claim. dug pits 18 x 18 x 12 ins. E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground. marked HLG. on SE. face.
The NE. ¾ of the claim is level bottom.
Soil 1st rate
Balance, sand hills.
Soil. 3rd rate.

(No. 62)

The TC. claim of Henry Graves, on secs 24 and 25. containing 160 acres.

From the SE. cor of the claim, described in the notes of the survey of Henry Graves HE. claim, I run
West. on S. bdy. of the claim.
Over level land.- old cane slough.
33.00 Enter marsh: bears NW & SE.
38.00 Leave "
40.00 Deposit a charred stake 12 ins. in the ground for the SW. cor of the claim. and SE. cor. of H. Leonard Graves HE. claim. dug pits 18 x 18 x 12 ins N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft. long. 2 ins. sq. 12 ins in the ground. marked HG. on NE. and HLG. on NW. faces.

From the SW. cor. I run
North. bet. this claim and the HE. claim of H. Leonard Graves.
Over level land.

Chains

1.50 Enter marsh: bears NW. & SE.
9.00 Leave "
31.50 Trail: bears E & W.
32.00 Enter plowed field: extends 60 chs. E. and 15 W.
35.00 Wire fence; leave plowed field: begin gradual ascent along S. slope.
40.00 Deposit a charred stake 12 ins in the ground for the NW. cor of the claim, and NE. cor. of H Leonard Graves' HE. claim: dug pits 18x18x12 ins E. and S. of cor. 4 ft dist. and raise a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked
HG. on SE. and
HLG. on SW. faces.

From the NE. cor. of the claim, described in the notes of survey of Henry Graves' HE. claim. I run
West. on the N. bdy. of claim.
Ascend along S.E. slope:
1.00 Top of ascent, 20 ft high: thence along S. face of range, descending gradually.
7.60 Gulch 20 ft deep, bears NTS: ascend.
10.00 Ridge, NTS.; thence along S. face over ridges and ravines.
27.00 Ravine: bears NTS. ascend abruptly along S.E. slope.
35.00 Top of ascent on S face of bluff: descend gradually along SW. slope.
40.00 The NW. cor. of the Claim.
Land mostly level bottom.
Sand hills on N. bdy.
Soil. 1st & 3rd rates.

Chains.

(No. 61½)

The HE. claim of H. Leonard Graves, over secs. 23. 24. 25. and 26.: containing 160 acres.

From the SE. cor. of the claim, described in the notes of survey of Henry Graves' TC. claim. I run
West. on true line along S. bdy. of the claim.
Over nearly level land.
5.71 Wire fence; NW. and SE.
6.00 Trail; " " begin ascent along NE. slope.
12.00 Top of ascent on N. face of range, 40 ft. descend slightly along NW. face, over rolling ground.
31.00 Bottom of descent; ascend abruptly along NE. slope.
40.00 Deposit a charred stake 12 ins in the ground for SW. cor. of the claim: dug pits 18x18x12 ins. N. and E. of cor 4 ft dist and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground marked
HLG. on NE face.
From this cor. H.L. Graves' sod house bears N. 25°45' E. about 40 chs. dist.

From the SW. cor. of the claim. I run
North. on true line, along W. bdy. of the claim.
Descend abruptly along N. slope.
12.00 Trail; bears N. 60° W.
12.15 Wire fence; "
14.00 Enter valley "
29.90 Trail: bears E. & W.
30.20 Wire fence; " S. 80° W.; ascend abruptly.
33.00 Top of ascent, 75 ft.: thence ascend along NW face.
40.00 Set temp. NW. cor. of the claim.

Chains

From the N.E. cor. of the claim, described in the notes of survey of the T.C. claim of Henry Graves. I run
West, along N. bdy.
Over rolling ground.
2.00 Begin gradual descent along SW. slope.
20.00 Bottom of descent.
21.00 Begin abrupt ascent along SE. slope of bluff.
24.00 Top of ascent 75 ft high, thence along top of range, ascending over rolling ground.
37.00 Top of ascent on sand peak. descend over broken land.
40.00 The temp. NW. cor. where I deposit a chained stake 12 ins. in the ground. dug pits 18x18x12 ins. E. and S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked H.L.G. on SE. face.
This cor. bears from the cor. of secs. 23. 24 25. and 26. N. 50°07' W., 23.72 chs. dist.
Lat. 15.20 N. Dep. 18.19 W.
The N. and the SW. parts of this claim are sand hills. balance level bottom.
Soil. 1st and 3rd rate.

(No. 55)

The T.C. claim of Joseph Saunders. on secs. 23 and 24. containing 161.28 acres.
102.28 Ac. being in conflict with T.C. & Pre. Claims of William S. McKinnis.
From the SW. cor of the claim marked by a stake and mound, with a pit to the North.
I run
East, on a random line along S. bdy.
80.32 Intersect N&S line 25 lks S. of the SE. cor. of the claim which is a locust stake without mound or pits. I re-establish this old cor. as follows.

Chains

Deposit a chained stake 12 ins. in the ground. dug pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In N. pit, drove an oak stake 2 ft long 2. ins sq. 12 ins. in the ground, marked J.S., on NW. face.
Thence I run, from old SE. cor.

S. 89°50' W. on true line along S. bdy. of claim.
Along N. slope through a grove of locust and cottonwood, in plowed field.
9.30 Leave plowed field.; extends 6 chs N. and 4 S. of line.
25.00 Begin gentle descent along NW. slope.
59.80 Trail: bears N.80°E. and S.80°W.
62.00 Enter level land.
73.25 Trail: bears N.10°E.
75.07 Intersect the E. bdy of the T.C. claim of William S. McKinnis. where I deposit a chained stake 12 ins. in the ground for closing cor of S. bdy. dug pits 18x18x12 ins N. and E. of cor. 4 ft. dist. and raised a mound of earth. 3½ ft. base, 1½ ft. high. over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked CC. on E.
J.S., on N. and
W.S.M. on W faces.
80.32 The old SW. cor. of the claim.

From the old SW. cor. of the claim. I run
North, on a random line, along W. bdy.
20.08 Fall 4 lks E. of the old NW. cor. of the claim, which is a stake without mound or pits.
This old cor. I renew at same point by depositing a chained stake 12 ins. in the ground. dug pits 18x18x12 ins. E. and S. of cor. 4 ft. dist.

Chains

and raised a mound of earth 3½ ft base 1½ ft. high. over deposit.
In E. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins in the ground, marked
J.S. on SE. face.
Thence I run
S. 0°06' E. on a true line along W. bdy of claim.
Over level land.
10.00 Enter slough: - E & W.
16.00 Leave "
20.08 The SW. cor. of the claim.

From the old NE. cor. of the claim. which is a cottonwood stake without mound or pits. I run
South, on a random line. along E. bdy. of claim.
20.07 Fall 2 lks. W. of the SE. cor of the claim.
Thence I run, from SE. cor.
N. 0°04' W. on a true line along E. bdy of claim.
Descend gently, through grove in plowed field.
6.35 Wire fence: bears E. & W.
6.90 Trail: " "
7.86 Intersect the S. bdy. of the Pie claim of William S. McKinnis: where I deposit a charred stake 12 ins. in the ground. for closing cor. of the E. bdy. of claim. dug pits 18 x 18 x 12 ins. E. & S. of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked.
CC on S.
JS., on W. and
WSM. on N. faces.
10.00 Enter slough, at foot of descent.
11.00 Leave " ascend slightly along S. slope.
20.07 The old NE. cor of claim. which I renew by depositing a ~~cast iron screw spindle 12 ins in~~ the ground. dug pits 18 x 18 x 12 ins. S. & W.

Chains.

of cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit.
In S. pit. drove an oak stake 2 ft long. 2 ins. sq. 12 ins. in the ground, marked
JS. on SW. face.
This cor. bears, from the cor. of secs. 13, 14. 23. and 24. S. 50°15' E. 19.85 chs. dist.
Lat. 9.89 S.; Dep. 17.21 E.

From the NW. cor. of the claim. I run
East. on a random line. along N. bdy.
80.36 Fall 19 lks S. of the NE. cor. of the claim.
Thence I run
S. 89°51' W., on true line along the N. bdy.
Over rolling ground along S. slope, ascending slightly.
36.00 Top of ascent: descend slightly
53.00 Enter wet bottom land; bears N. 80° W. & S. 60° E.
72.30 Trail: bears N. 5° W.
75.03 Intersect E. bdy. of William S. McKinnis' T.C. claim; at a point 7.60 chs. S. of the NE. cor thereof where I deposit a charred stake 12 ins in the ground for closing cor. of N. bdy: dig pits 18 x 18 x 12 ins. N. and E. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
CC. on E.
WSMcK ; on W. and
JS ; on S. faces.
80.36 The NW. cor. of the claim.
Land. level and rolling bottom, and moderate sand hills.
Soil. sandy; 1st and 3rd rates.

December 10, 1895.

List of Names.

A list of the names of the individuals employed by .....
....., U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the .....
..... Meridian, in ....., showing the respective capacities in which they acted:

Final Oath of Assistants:

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....
..... Meridian, ..., as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General for .....

Subscribed and sworn to before me this .....
day of ....., 18 .....

SEAL

.....

.....

Final Oath of U. S. Deputy Surveyor.

I, ..., U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions received from ....., U. S. Surveyor General for ....., bearing date of the .....day of ....., 18 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for ....., the surveying manual, and the laws of the United States, surveyed all those parts or portions of .....

.....

.....

.....

.....Meridian, in the....., as are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for..... and in the specific manner described in the field notes, and that the foregoing are the true field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

U. S. Deputy Surveyor.

Subscribed and sworn to before me this .....
day of ....., 18 .

SEAL

.....

.....

Approval.

Office of the ~~U. S. Surveyor General~~ Commissioner of the General Land Office,

Washington D.C. April 30, 1897.

The foregoing field notes of the resurvey of Subdivision and claim lines of Township No 24 North Range No 39 West of the 6th principal meridian State of Nebraska.

.....

.....

.....

.....

.....executed by William W. Alt U.S. Surveyor under his Contract No. ....., dated December 26, 1896, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Binger Hermann

~~U. S. Surveyor General.~~ Commissioner and ex officio Surveyor General for Nebraska

I certify that the foregoing transcript of the field notes of the above-described surveys in T 24 N R 39 W, has been correctly copied from the original notes on file in this office.

Binger Hermann

~~U. S. Surveyor General.~~ Commissioner and ex officio Surveyor General for Nebraska

Original

(4—679.)

Rec'd with letter from W. W. Alt, U.S. Surveyor dated Dec. 26. 1898 - 136729 -

March 20th 1899. Rec'd with letter E. — Comr's office

Supplementary

FIELD NOTES

OF THE SURVEY OF

Township No. 24 North

Range 29 West

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, U.S. ~~U. S. Deputy~~ Surveyor,

Under his Contract ~~No.~~ _____, dated December 26, 1894.
and by special orders as per letter of Oct. 21. 1898.

Survey commenced December 17, 1898.

Survey completed December 17, 1898.

(12503—2,000.)

Rec'd by letter E.

Names and Duties of Assistants.

E

T. R. A.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
WASHINGTON, D. C., March 16, 1899.

ADDRESS ONLY THE COMMISSIONER OF THE GENERAL LAND OFFICE

The Commissioner of Public Lands and Buildings,
Lincoln, Nebraska.

Sir:

I transmit herewith under separate cover, the plat and field notes of the survey of the claim lines of the "T.C." claim of Henry C. Dumaree, in sections 8 and 9 of T. 24 N., R. 39 W., State of Nebraska, surveyed by W. W. Alt, U. S. Surveyor, under special instructions dated October 21, 1898, and accepted by me on March 14, 1899, the same to be filed with your official records.

Please acknowledge receipt of same.

Very respectfully,

Binger Hermann
Commissioner.

L.J.

INDEX DIAGRAM.

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30	29	28	27	26	25
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Meanders Page ....

Preliminary Oaths of Assistants.

~~We~~, I Don W. Alt

do solemnly swear that ~~we~~ I will well and faithfully execute the duties of chain carrier~~s~~; that ~~we~~ I will level the chain over even and uneven ground, and plumb the tally-pins either by sticking or dropping the same; that ~~we~~ I will report the true distance to all notable objects, and the true lengths of all lines that ~~we~~ I assist in measuring, to the best of ~~our~~ my skill and ability, and in accordance with instructions given ~~us~~ me in the survey of the timber claim of Henry C. Demaree in township No. 24 N. R 39 W Grant County, Nebraska

, Chainman.

Don W. Alt, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me this 17 day of December, 1898

Willard W. Alt
U.S. Surveyor

~~We~~, I Frank L. Taylor

do solemnly swear that ~~we~~ I will well and truly perform the duties of ~~Axemen~~ monumentman & flagman in the establishment of corners and other duties, according to instructions given ~~us~~ me, and to the best of ~~our~~ my skill and ability, in the survey of the timber claim of Henry C. Demaree, in township No. 24 N. R 39 W. Grant County, Nebraska

Subscribed and sworn to before me this 17 day of December, 1898

Frank L. Taylor, ~~Axeman~~ Flagman, ~~Axeman~~ Monumentman

Willard W. Alt
U.S. Surveyor

6—151

Survey of T.C. Claim of Henry C. Demaree, Secs. 8 and 9.

Chains.

A point for S.E. corner of claim being shown me by Milton McKinnon – I deposit an iron valve casting 1 ft. in ground, dug pits 18 x 18 x 12 ins. North and West of corner 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In North pit drove an Oak stake 2 ins. sq. 2 ft. long, 1 min. in the ground, marked
C.F.D. on N.W. face
The ¼ Sec. Cor. bet. Secs. 8 and 9 bears S. 77°22' W. 25.42 chs.
Lat. 5.55 Departure 24.80.
Wm Buffingtons sod house bears N. 47°35' W. about 15 chs.

North along E. boundary.
In wet marshey land.
3.00 Leave wet land.
6.60 Wirefence N. 50° W. begin gentle ascent.
7.00 Trail, parallel to fence.
20.00 Deposit iron casting marked "34" 1 min. in the ground for N.E. Cor. of claim – dug pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drove an Oak stake 2 ins. sq. 2 ft. long, 1 min. in the ground, marked
C.F.D. on S.W. face.

West along North boundary.
Along S. slope of hills.
3.30 Begin descent along S.W. slope.
7.75 Trail, North and S.W.
12.25 Trail, to Buffingtons house, begin ascent along S.E. slope.
18.80 Top of ascent 75 ft. on S. slope range range, thence along S. slope over low ridges.
From this point Jack Randalls sod house bears S. 56°10' W. Culver and Bogues wind mill and well bears S. 56° W.
28.16 Wirefence S. 10° W. and N. 10° E.
80.00 Set temporary N.W. corner

Chains.

West along South boundary.
In art marshy land.
11.50 leave art land, thence over level meadow.
13.50 Wire fence N 60° W and reverse
19.00 Begin gentle ascent along N.E. slope low hills.
24.00 Top ascent, thence along N. slope low range.
24.78 Wire fence N. and S.
43.00 Begin gentle descent along N.W. slope.
47.70 East edge plowing, extends 120 links North and 2 chs. S.
52.20 West edge plowing.
64.00 Enter Valley.
73.70 Trail N. 50° W.
80.00 Deposit brick 1 ft. in ground for N.W. cor. claim, dug pits 18 x 18 x 12 in. North and East of corner 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In North pit drove an Oak stake 1 in. sq. 2 ft. long, 1 in. in the ground, marked
C. F. D. on N.E. face.

North along West boundary.
Over level dry valley.
3.60 Trail N.W. & S.E.
8.10 Trail East and West
11.00 Begin gentle ascent.
20.00 The temporary N.W. cor. where I deposit a brick 1 in. in the ground for N.W. cor. claim, dug pits 18 x 18 x 12 in. South and East of cor. 4 ft. dist and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In East pit drove an Oak stake 1 in. sq. 2 ft x long 1 in. in the ground, marked
C. F. D. on E. face.

Land in hills - very sandy - 3rd rate
The valley land in East end of claim is low and wet and in West end of claim is dry, producing only moderate vegetation.

December 17, 1898

4—679.

FIELD NOTES

OF THE SURVEY OF THE

PRIVATE CLAIM.

of

W.M. BUFFINGTON.

T. 24 N., R. 39 W.

(Grant County)

Of the 6" *Meridian,*

State of Nebraska.

AS SURVEYED BY

, United States Deputy Surveyor,

Under his Contract No. *, dated* *, 189*

Survey commenced Aug. 1 1901

Survey completed Aug. 2d. 1901

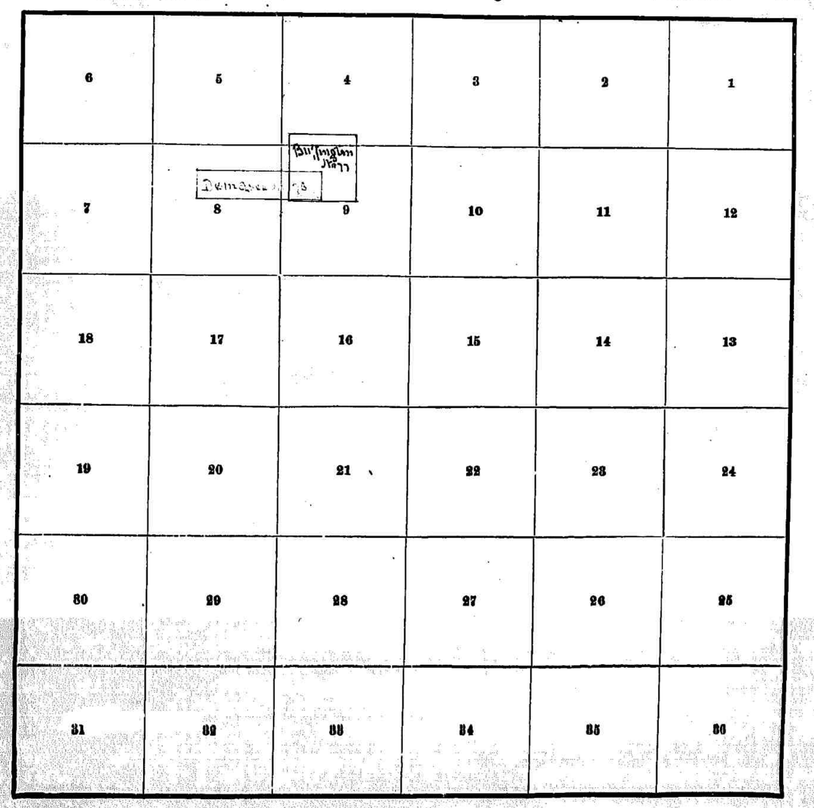
6—151

NAMES AND DUTIES OF ASSISTANTS.

Jas. W. Purman.	Chainmen
Chas. McG. Sweitzer	
John Callaghan	Flagman

INDEX DIAGRAM.

Township 24 N., *Range* 39 W. 6th Prin. Mer. Neb.



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, Jas. W. Purman and C. McG. Sweitzer do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

Jas. W. Purman, *Chainman.*

C. McG. Sweitzer, *Chainman.*

Subscribed and sworn to before me this 29 day of July, 1901

N. B. Sweitzer

Exam of Surveys G.L.O.

SEAL

We, ... and ..... do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., *Moundman.*

....., *Moundman.*

Subscribed and sworn to before me this ..... day of ....., 189

SEAL

We, ... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., *Axman.*

....., *Axman.*

Subscribed and sworn to before me this ..... day of ....., 189

SEAL

I, John Callaghan, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

John Callaghan, *Flagman.*

Subscribed and sworn to before me this 29 day of July, 1901

N. B. Sweitzer

Exam of Surveys G.L.O.

SEAL

6—151

Survey of the Private Claim of Wm. Buffington.

According to instructions dated May 10/01-, which as follows "By letter dated Aug. 4/99 the Register at Broken Bow, Nebraska transmitted the application of Robert P. Bogue, the present owner of lands entered by William Buffington, as S½ N.W.¼ and N½ S.W.¼ Section 9, T. 24 N. R. 39 W., 6th P.M., Nebraska, for a resurvey of said claim.

Under the resurvey of this township by Williad W. Alt, D.S., in 1895 and 1898, the claim of Henry C. Demaree for N.½ S.E.¼ and N.½ S.W.¼ Section 8, said township and range, is shown so as to conflict with the claim of Buffington which was not surveyed in connection with the other claims in said township.

It now becomes necessary in order that the present owner of the lands patented to Buffington may describe the land actually covered by his location, to make a survey of the said claim.

You will therefore proceed to Hyannis, Neb., and survey out the Buffington claim with reference to its location on the ground connecting the same with the resurvey of the township made by Deputy Alt.

I transmit herewith under separate cover, a copy of the field notes of the Alt survey covering sections 4, 5, 8 and 9, T. 24 N., R. 39 W., and a tracing of that portion of the plat."

According to the above instructions I went to Hyannis, Neb. and proceeded to lay out the above named claim.

After vainly trying to get the claiments of both the Demaree and Buffington claims together by writing and sending their friends to them, I finally got Mr. Geo. Culver of Hyannis, Neb. to proceed

with me to the claim, and show me where it was located.

He made the following statement,

"The Buffington claim was the first to be located in Sec. 9, T 24 N R 39 W. It was located by the present county surveyor Mr. Dillinger and A.B. Tabor for Wm. Buffington, who sold to Tabor who sold to R. P. Bogue and Geo. Culver who sold to the present owner L. E. Graves."

Mr. Culver showed me the point as recognized as the S.W. corner by these men and "they cut hay from the 40 now in dispute for 4 years, without Mr. Demoree making any objection ."

He stated "This was recognized as the Buffington claim from the first."

I told Mr. Culver that I would lay his claim out as shown by his recognized point but the courts would have to decide regarding to overlap.

I did everything in my power to get an agreement between both parties, but the Demoree people would not see me.

Survey commenced Aug. 1st.1901, and executed with a Young and Son light mountain transit with Solar attachment.

The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined and tested on the true meridian at Huron, S.D. and found correct.

I also tested it at Hyannis, Neb. by an A.M. and P.M. equal altitude observation of the sun.

I tested my chain by the standard furnished me by the Hon.Commissioner.

A point for the S.W. cor. of the Buffington claim being shown me by Geo.Culver.

At the ¼ Cor. bet. Secs. 8 and 9 T. 24 N. R. 39 W

I set off 18°, 06' on my declination arc and 42°06' on my latitude arc at 10 A.M.

August 1st 1901

I run

N bet. Secs. 8 and 9, and at 5.55 chs. I intersect the S. boundry of the Demaree claim No.76

Thence I run

E on the S. boundry of the Demaree claim and at 2.22 Chs. the S.W.corner of the Buffington claim as shown me by the above Geo. Culver, where I drive a water pipe 4 ft. long, 1 in. in diameter, 2½ ft. in the ground Marked on N.E. side of cap with steel letters P.C.B. for the S.W. corner of the claim dig pits 18x18x12 ins. 4 ft. distant, N and E of corner and raise a mound of earth, 3½ ft base 1½ ft.high around pipe.

I commence at the S.W. corner of the Buffington claim

Thence I run

E. along S. boundry

over sand hills

3.00	Enter flat
12.54	Fence (wire) running N.W and S.E.
21.56	Fence (wire) running N and S
22.53	Intersect S.E. cor. of Demoree claim as established by Deputy Alt.
26.67	Road N and S ascend
30.00	Top of raise descend
37.90	Fence (wire) N and S
40.00	Drive a water pipe 4 ft.long, 1 in. in diameter 2½ ft. in the ground Marked on cap on N.W. side P.C.B. with steel letters for the S.E. corner of claim

dug pits 18x18x12 ins. N and W. of corner 4 ft.dist and raised a mound of earth 3½ ft. base 1½ ft.high around pipe.

N. along east boundry

Through meadow

6.00 Leave meadow ascend sand hills

21.00 Top of ascent along top of sand ridges.

34.00 Descend

40.00 Set temporary N.E. corner

N. along W boundry

slight descent from sand hills

5.23 Fence,(wire)enter meadow

13.00 Leave meadow and ascend sand hills.

24.70 Fence (wire) E and W

25.00 Along top of sand hills slight ascent.

32.00 Top and along side hill

40.00 I drive a water pipe 4 ft. long 1 in. in diameter 2½ ft. in ground Marked on cap on the N.E. side P.C.B. with steel letters for the N.W. Corner of the claim dug pits 18x18x12 ins. E and S of corner 4 ft. distant, and raised a mound of earth 3½ ft. base 1½ ft. high around pipe

---

E. along north boundry

Over sand hills, ascend

1.00 Top of ascent, descend

11.00 Bottom of descent

14.31 Road N and S, ascend

31.60 Top of ascent,descend

38.00 Bottom of descent

39.60 Abrupt ascent (blow out)

40.00 The temporary N. E. corner where I drive a water pipe 4 ft. long 1 in. in diameter 3½ ft. in the

the ground, marked on cap on the S.W. side P.C.B. with steel letters for the N.E. corner of the claim, dig pits,18x18x12 ins. W and S. of corner 4 ft.distant, raised a mound of earth 3½ ft. base 1½ ft. high around pipe.

Aug. 5" 1901

General Description.

This claim contains about 40 acres of good hay land, the remainder is sand hills, which under normal conditions affords good grazing.

Good water can be had by wells at from 6 to 14 ft. when sunk in the valley.

Hyannis, the nearest town is about 9 miles by wagon road.

N. B. Sweitzer,
Examiner of Surveys,
G.L.O.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by N. B. Sweitzer Exam of Surveys ~~United States Deputy Surveyor~~, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of The Private Claim of Wm. Buffington. showing the respective capacities in which they acted:

Jas. W. Purman ..... *Chainman.*
Chas. McG. Sweitzer ..... *Chainman.*
..... *Moundman.*
..... *Moundman.*
..... *Axman.*
..... *Axman.*
John Callaghan ..... *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted N. B. Sweitzer Exam of Surveys ~~United States Deputy Surveyor~~, in surveying all those parts or portions of the private claim of Wm. Buffington ..... of the 6" principal meridian, State of Neb., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor ~~General for~~ Commissioner of the Gen. Land Office.

Jas. W. Purman. ..... *Chainman.*
C. McG. Sweitzer ..... *Chainman.*
..... *Moundman.*
..... *Moundman.*
..... *Axman.*
..... *Axman.*
John Callaghan ..... *Flagman.*

Subscribed and sworn to before me this 6 day of Aug., 1901.

SEAL

N. B. Sweitzer
Exam. of Surveys, G.L.O.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, N. B. Sweitzer, Exam. of Surveys, ~~United States Deputy Surveyor, do~~ solemnly swear that, in pursuance of ~~a contract received~~ instructions from the Hon. Commissioner ~~United States Surveyor General for~~ of the Gen Land Office, bearing date of the 10 day of May, 1901, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the Hon. Com. of the Gen. Land Office ~~United States Surveyor General for~~, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The Buffington Claim of the 6" meridian, in the State of Neb., which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

N. B. Sweitzer
~~United States Deputy Surveyor.~~
Exam. of Surveys, G.L.O.

Subscribed by said N. B. Sweitzer, and sworn to before me this 28 day of April, ~~189~~ 1902

Chas. B. Strong,
Notary Public

SEAL

My commission expires
March 11, 1905.

APPROVAL.

OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~,
General Land Office June 1902 ~~189~~

The foregoing field notes of the survey of The Private Claim of Wm Buffington et al
Sp 24 N. R 39 W. 6 P.M. Nebraska.

executed by N. B. Sweitzer Examiner of Surveys. G.L.O
under his ~~contract No.~~ Sp Instructs dated May 10 1901, ~~189~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Signed) Binger Hermann, Commissioner Ex Officio
United States Surveyor General.
Nebraska

I certify that the foregoing transcript of the field notes of the above-described surveys in ..... has been correctly copied from the original notes on file in this office.

Binger Hermann
Commissioner Ex Officio
United States Surveyor General.
Nebraska

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General Land Office • Original Field Notes

Book Number

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W.W. Alt Subdivision of T 24 N - R 39 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.