General Land Office • Original Field Notes

Book Number

781

W.W. Alt - Subdivision of T 22 N, R 47 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.

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4—679.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision on Main Lines

of

Township 22 North,

Range 17 West

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

William C. Hill, United States' ~~Deputy~~ Surveyor,

Under his Contract ~~No.~~ _____, dated May 16, 1900

Survey commenced December 19, 1900

Survey completed January 11, 1901.

G—151

NAMES AND DUTIES OF ASSISTANTS.

Joseph B. Koon, Chainman.

Harry Covalt, until Dec. 22, Chainman.

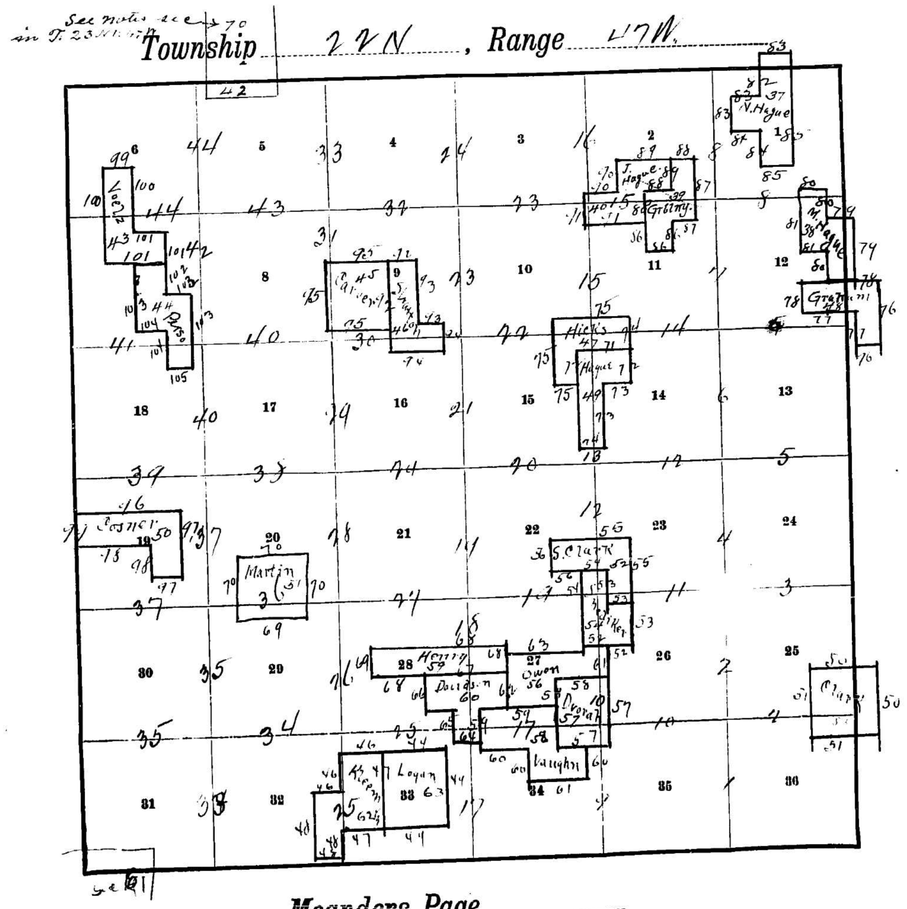
Earl J. Hunter, after Dec. 22, Chainman.

Earl J. Hunter, until Dec. 22, Monumenter.

Fred Newman, after Dec. 22, Monumenter.

Hiskit Campbell, Flagman.

INDEX DIAGRAM.



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, ... and .....
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
.....

..... *Chainman.*

..... *Chainman.*

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 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, ..., 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 .....

..... *Flagman.*

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

SEAL

6-151

Subdivision of T. 22 N., R. 47 W.

Chains

Survey commenced December 19, 1900, and executed with a Ward L. E. Gurley transit No 12. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc.

I examine the instrument thoroughly and place it in perfect adjustment before beginning the survey. I also compare and adjust my chain to the standard tape, for certificate of which, see field notes of the 5th Guide Meridian West T. 21 N.

The direction of the meridianal section lines of this Tp. being determined by angles turned from the tangent run ~~from~~ in the survey of the S. bdry. of the Tp.

I commence at the cor. of secs 1. 2. 35 and 36 on the S bdry of Tp. and run parallel to the E bdry.

N 0° 11' E. bet secs. 35 and 36

Over rolling valley trees E. and W.

32.50 Leave valley trees E. and W., ascend S.W. slope low hills.

37.00 Top of ascent, thence over rolling ground.

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. N and S. of cor. 4 ft. diam., and 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 sq. 12 ins in the ground, marked 1/4 S. on W. face.

53.00 Descend N.E. slope over rolling hills.

61.00 Foot of descent. leave hills enter rolling valley trees trees N.W. and S.E.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 25. 36. 35 and 36 dig pits 18x18x12 ins. in each sec. 4 ft. diam, and raise a mound of earth 4 ft. base, 2 ft. high over deposit. In W S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked T 22 N. S 25 on N.E. N. 47 W S. 36 on S.E. S 35 on S.W. and

Chains

S.26 on N.W. faces, with 1 notch on S and E. edges
Land rolling valley and low sand hills
Soil sandy 3rd rate
Vegetation bunch grass and sand grass.

N 89° 59' E. on a random line bet. secs 25 and 36.

40.00 Set temp ¼ sec. cor.

80.08 Intersect E. bdry of Tp. 4 lks N. of cor. of secs 25, 30, 31 and 36.
Thence Drun
N 89° 59' W. on a true line bet. secs 25 and 36
Over rolling valley land.

5.00 Leave valley trav N.W and S.E. ascend N.E. slope low sand hills.

16.00 Top of ascent thence over rolling ground.

31.68 Wire fence trav N.W. and S.E.

40.04 Top of ridge trav N.W. and S.E., Deposit a marked lime stone 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. E and W. of cor. 4 ft. distt., 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 ¼ S. on N. face. descend S.W. slope

65.00 Point on S face of sand hills. descend over S.W. slope.

69.00 Foot of descent, enter rolling valley trav N.W. and S.E.

80.08 The cor. of secs. 25, 26, 35 and 36,
Land rolling and hilly
Soil sandy 3rd and 4th rate
Vegetation bunch grass and sand grass.

N 0° 11' E. bet. secs. 25 and 26
Over rolling valley land

13.00 Enter alkali lake trav W.

24.06 Wire fence trav E. and W.

30.00 Leave alkali lake. trav W. ascend S. slope

Chains

sand ridge.

30.90 Trail trav. N 60° W. and S 60° E.

40.00 Top of ridge trav N 60° W. and S 60° E..
Deposit a marked lime stone 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N and S. of cor. 4 ft. distt., and 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. sq. 12 ins. in the ground, marked ¼ S. on W. face.

51.20 Trail trav N.W. and S.E. in depression ascend S.W. slope.

57.50 Ridge trav N.W. and S.E. descend N.E. slope

67.00 Bottom descent, ascend abrupt S.W. slope.

73.00 Top of ascent on ridge trav N.W. and S.E.

76.00 descend N.E. slope.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 23, 24, 25 and 26. dig pits 18x18x12 ins. in each sec.; 4 ft. distt.; and 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. sq. 12 ins. in the ground, marked T 22 N. S 24 on N.E.; R 47 W. S 25 on S.E. S. 26 on S.W. and S 23 on N.W. faces; with 2 notches on S and 1 notch on E. edges
Land hilly and rolling.
Soil sandy 3rd and 4th rate.
Vegetation bunch grass.

S 89° 59' E. on a random line bet. secs. 24 and 25.

40.00 Set temp ¼ sec. cor.

80.14 Intersect E. bdry of Tp. 10 lks S. of cor. secs. 19, 24, 25 and 30.
Thence Drun
S 89° 57' W. on a true line bet. secs. 24 & 25
Descend W. slope low sand hills.

2.50 Foot of descent, enter rolling valley trav. N. and S.

Subdivision of T22 N. R47 W. —Continued

Chains.

26.25 Trail bears N. 35° E. and S 35° W.

29.00 Leave valley bears N and S. ascend N.E. slope sand hills.

34.00 Top of ascent thence over broken ground

40.07 Marine course S.E. Deposit a marked line stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist, and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked 1/4 S. on N. face.
Ascend S.E slope

63.65 Top of ascent on high broken sand ridge bears N.W. and S.E. descend over S.W. slope

66.00 Depression bears N and S. ascend E. slope.

68.25 Ridge bears N.W and S.E. descend S.W. slope.

76.00 Bottom depression bears N.W. and S.E. Ascend N.E. slope.

80.14 The cor. of secs. 23, 24, 25, and 26.
Land rolling valley and high sand hills
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and sand grass.

N 0° 11 E. bet secs. 23 and 24
Ascend over sand hills

2.50 Ridge bears N.W. and S.E.

15.00 Descend N.E. slope

27.00 Bottom descent in depression bears N.W. and S.E., ascend S.W. slope.

40.00 Deposit a marked line stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. N and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit: On S. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S. on W. face

50.00 Top. of ascent on range of sand hills bears N.W. and S.E. thence over rolling ground

Subdivision of T22 N. R47 W. —Continued

Chains

72.30 Begin descent over N.E. slope

80.00 ~~Deposit 4 marked limestone 12 ins. in the ground for cor. of Secs. 13, 14, 23 and 24. dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound first 4 ft. base 2 ft. high, over deposit.~~
~~On S.E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked~~
T. 22 N. S. 13 on N.E., R. 47 W.; S. 24 on S.E.
S. 23 on S.W. and S. 14 on N.W. faces, with 3 notches on S. and 1 notch on E. Edge.
Land sand hills.
Soil sandy 4th rate
Vegetation bunch grass and sand grass.

N 89° 57' E. on a random line bet. secs. 13 and 24.

40.00 Set temp 1/4 sec. cor.

80.10 Intersect E. bdry of Tp. 10 lks. S. of cor. of secs. 13, 18, 19 and 24.
Thence I run
S 89° 53' W. on a true line bet. secs. 13 and 24.
Ascend E. slope rolling sand hills.

8.00 Top of ascent, thence over rolling and broken ground.

31.00 Begin descent W. slope.

40.05 Deposit a marked line stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins E. and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. 1½ ft. high over deposit. On E pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face

43.00 Bottom descent in pass bears N.W. and S.E. Ascend N.E slope

67.00 Top of ascent on N. face of high hills. thence over rolling ground

80.10 The cor. of secs. 13, 14, 23, and 24.
Land high sand hills
Soil sandy 4th rate.

Chains	Vegetation bunch grass and sand grass
	N° 11 E. bet. secs. 13 and 14
	Over rolling ground on N. face of hills
6.00	Descend N. slope.
30.00	Bot. descent enter low foot-hills.
40.00	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins N. and S. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On S. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins in the ground, marked 1/4 S. on W. face
56.55	Wire fence bears E and W.
80.00	Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 11, 12, 13 and 14 dig pits 18X18X12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high over deposit. On S.E. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked T22 N. S. 12 on N.E. R47 W. S. 13 on S.E. S 14 on S.W. and S. 11 on N.W. faces: with 4 notches on S. and 1 notch on E. edge.
	Land sand hills.
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass

	N 89° 53' E on a random line bet. secs. 12 and 13.
40.00	Set temp 1/4 sec. cor.
79.98	Intersect E. bdry. of Tp. 10 lks. N. of cor. of secs. 7, 12, 13 and 18.
	Thence run
	S 89° 57' W. on a true line bet. secs 12 and 13.
	Over rolling valley land.
13.00	Leave valley bears N. and S. ascend E. slope low hills.
15.00	Top of ascent 30 ft. above valley, thence along N. slope

Chains	
31.00	Descend gradually
39.99	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins. E and W. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On E. pit drive an oak stake 2 ft. long, 2 ins sq., 12 ins. in the ground, marked 1/4 S on N. face.
44.00	Bottom descent. enter rolling ground bears N.E. and S.W.
65.00	Leave rolling ground bears N.W. and S.E., ascend N.E. slope
72.00	Top of ascent. thence over rolling N. slope.
79.98	The cor. of secs. 11, 12, 13 and 14.
	Land hilly and rolling.
	Soil sandy 4th rate.
	Vegetation bunch grass and sand grass

	N° 11 E. bet. secs. 11 and 12.
	Over rolling ground, sloped to N.E.
2.00	Ascend S. slope
12.30	Top of ascent on E. face ridge bears W. 60 ft above cor. descend N.E. slope.
22.00	Bottom descent. enter low hills bears E. and W.
40.00	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins N. and S. of cor. 4 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground marked 1/4 S. on W. face.
58.50	Descend N. slope low hills.
73.50	Bot of descent, enter rolling valley bears N.E and W.
80.00	Deposit a marked lime stone 12 ins. in the ground for cor of secs. 1, 2, 11, and 12.: dig pits 18X18X12 ins in each sec. 4 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high over deposit. On S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked. T22 N. S. 1 on N.E. R47 W. S. 12 on S.E., S. 11 on S.W. and S. 2 on N.W. faces.: with 5 notches on S. and 1 notch on E edge

Chains

Land rolling and hilly.
Soil sandy 3rd rate.
Vegetation bunch grass and sandgrass.
December 19, 1900

N 89° 57' E. on a random line bet. secs. 1 and 12

40.00 Set temp 1/4 sec. cor.

80.00 Intersect E bdry. of Tp. 5 lks N. of cor. of secs. 1, 6, 7 and 12.

Thence Drun.

S 89° 59' W. on a true line bet. secs 1 and 12.

Dr. Alkali basin

9.25 Leave basin bears N.W. and S.E.

9.95 Wire fence bears N.W. and S.E. enter rolling ground

36.00 Leave rolling valley. ascend S.E. slope and hills

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Dr E pit drive an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground marked 1/4 S. on N. face.

40.70 Top of ascent on S. face of ridge bears N., thence over broken ground

64.00 Descend W. slope.

68.00 Bot of descent. enter valley bears N.E and S.W.

80.00 The cor. of secs 1, 2, 11 and 12.

Land rolling and hilly.
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and alkali grass.
December 19, 1900

N 0° 11' E. on a random line bet. secs. 1 and 2.

40.00 Set temp 1/4 sec. cor.

82.74 Intersect N. bdry of Tp. 3 lks. E of cor. of secs. 1, 2, 35 and 36.

Thence Drun

S 0° 10' W. on a true line bet. secs. 1 and 2.

Over low sand hills.

35.0 Low Ridge bears N.W. and S.E. descend S. slope.

23.81 Wire fence bears N 70° W. and S 70° E. abandoned

Chains

31.20 Trail bears N.E and S.W.

36.00 Ascend N. slope over low hills.

42.74 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft base 1½ ft. high over deposit. Dr S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked 1/4 S. on W. face.

46.70 Top of ascent on W. face low sand bluffs.

49.00 descend over S.W. face of hills.

65.20 Bot of descent in alkali basin bears S.E. and S.W.

73.20 Leave alkali basin bears E. and S.W. over level valley land.

82.74 The cor of secs 1, 2, 11 and 12.

Land hilly and level.
Soil sandy 3rd and 4th rate
Vegetation bunch grass and alkali grass.
December 26, 1900

From the cor. of secs. 2, 3, 34 and 35 on S. bdry of Tp. Drun.

N. 0° 10' E bet. secs. 34 and 35.

Over level valley land.

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. N and S. of cor. 4 ft. dist: and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Dr S. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

64.80 Wire fence bears N 45° E. and S 45° W.

65.40 Trail bears N. 45° E and S 45° W.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 26, 27, 34 and 35: dig pits 18x18x12 ins in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high over deposit. Dr S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T22 N. S. 26 on N.E., R 47 W. S. 35 on S.E. S. 34 on S.W. and S. 27 on N.W. faces: with

Chains

1 notch on S. and 2 notches on E. edges
Land level valley
Soil sandy 3rd rate
Vegetation, sand and alkali grass.

N 89° 59' E. on a random line bet. secs. 26 and 35

40.00 Set temp ¼ sec. cor.

80.16 Intersect N and S. line at the cor. of secs. 25, 26, 35 and 36.

Thence I run

S 89° 59' W. on a true line bet. secs. 26 and 35.

Over rolling valley land

12.57 Wire fence bears N. 35° E. and S. 35° W.

36.00 Leave valley bears N.W. and S.E., ascend N.E. slope sand hills.

40.08 Deposit a marked lime stone 12 ins in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins. E. and W. 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 ¼ S. on N. face.

45.00 Top of ascent on range of hills bears N. and S. thence over rolling ground.

54.00 Begin descent N.W. slope.

62.50 Foot of descent enter level valley bears N. and S.

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

80.16 The cor. of secs. 26, 27, 34, and 35.

Land rolling and hilly.
Soil sandy 3rd and 4th rate.
Vegetation brush and alkali grass.

N 0° 10' E. bet. secs. 26 and 27.

Over rolling valley land.

38.95 Trail bears E. and W.

40.00 Deposit a marked lime stone 12 ins. in the ground for ¼ sec. cor.: dig pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. In

Chains

S. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins in the ground, marked ¼ S. on W. face

40.50 Low ridge bears E. and W. descend N. slope

56.34 Wire fence bears N 55° E. and S 55° W. at foot of descent. thence over level valley land.

80.00 Deposit a marked lime stone 12 ins in the ground for cor. of secs 22, 23, 26, and 27: dig pits 18 X 18 X 12 ins in each sec. 4 ft. dist.; and 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. sq., 12 ins. in the ground, marked T22 N. S. 23 on N.E. R.47 W. S. 26 on S.E., S. 27 on S.W. and S. 22 on N.W. faces. with 2 notches on S and E edges.

Land rolling valley.
Soil sandy 3rd rate.
Vegetation sand and alkali grass.

N 89° 59' E. on a random line bet. secs. 23 and 26.

40.00 Set temp ¼ sec. cor.

80.18 Intersect N. and S. line 2 lks. N. of cor. of secs. 23, 24, 25, and 26.

Thence I run

West on a true line bet. secs. 23 and 26.

Over high sand ridges on top of range.

19.50 Descend steep W. slope.

26.50 Foot of descent enter low hills.

32.00 Leave low hills. enter rolling valley land bears N.W. and S.E.

40.09 Deposit a marked lime stone 12 ins. in the ground for ¼ sec cor.: dig pits 18 X 18 X 12 ins. E and W. 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 ¼ S on N. face.

46.10 Trail bears N. 60° W. and S. 60° E.

50.70 Wire fence bears N. 60° W. and S 60° E.

73.80 Trail bears N 50° E. and S 50° W

Subdivision of T32 N. R47 W. — Continued

Chains

80.18 The cor. of secs. 22, 23, 26 and 27.
Land rolling and hilly.
Soil sandy 3rd rate.
Vegetation bunch grass and meadow grass.

N 0° 10' E. Tch. secs. 22 and 23.
Over level meadow land.
2.00 Enter marsh trees E and W.
10.00 Leave marsh trees E and W.
24.80 Trail trees N 80° W and S 80° E., leave meadow land trees E. and W. Ascend S. slope low hills
31.00 Top of ascent on low hills. descend.
40.00 Deposit a marked stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist; and raise a mound of earth 3½ ft base, 1½ ft. high over deposit. Dr S. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground marked 1/4 S. on W. face.
44.75 Trail trees N.E. and S.W.
62.00 Descend N. slope low hills.
64.00 Foot of descent, enter rolling valley trees N.W. & S.E.
64.75 Wire fence trees N 30° W. and S. 30 E.
65.05 Trail trees N.W. and S.E.
80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 14, 15, 22, and 23. dig pits 18 X 18 X 12 ins. in each sec. 4 ft. dist., and raise a mound of earth 4 ft. base. 2 ft. high over deposit. Dr S.E. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins in the ground, marked T32 N S. 14 on N.E. R47 W. S. 23 on S.E. S. 22 on S.W., and S 15 on N.W. faces: with 3 notches on S. and 2 notches on E. edges.
Land rolling and hilly.
Soil sandy 2nd and 4th rate
Vegetation bunch grass and some slough grass.

East on a random line Tch. secs. 14 and 23
40.00 Set temp 1/4 sec. cor.
80.10 Intersect N. and S. line 8 lks. N of cor of secs.

Subdivision of T32 N. R47 W. — Continued

Chains

13, 14, 23, and 24.
Thence I run
N 89° 57 W. on a true line Tch. secs. 14 and 23.
Ascend N.E. face and hills
6.00 Top of ascent on N. face hills. descend over N.W. slope.
23.00 Bottom descent in ravine course N.W. ascend N.E. slope ridge.
39.00 Top of ascent on ridge W. side ravine. thence over N. face of hills.
40.05 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Dr E pit, drive an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked 1/4 S. on W. face.
53.50 Begin descent. W. slope.
70.00 Foot of descent. Enter valley trees N and S.
80.10 The cor of secs. 14, 15, 22, and 23.
Land rolling and hilly.
Soil sandy. 3rd and 4th rate.
Vegetation bunch grass and sand grass

N 0° 10' E. Tch. secs. 14 and 15.
Over rolling valley land.
11.85 Wire fence trees N. 80° W.
18.33 Trail trees. N.E. and S.W.
40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor; dig pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base. 1½ ft. high over deposit. Dr S. pit. drive an oak stake 2 ft. long, 2 ins. sq. 12 ins in the ground. marked 1/4 S. on W. face.
Ascending gradual S.W. slope.
43.50 Top of ascent on W. face low hills. descend over N.W. slope.
47.00 Foot of descent. enter valley trees E and W.
71.84 Wire fence trees. E. and W. ascend over

Subdivision of T22N. R47W. — Continued

Chains

S. slope low hills

75.00 Top of ascent on ridge bears E. and W. descend N. slope.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 10, 11, 14, and 15; dig pits 18x18x12 ins. in each sec. 4 ft. dist.; and 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. sq., 12 ins in the ground, marked T22N. S. 11 on N.E., R.47W. S. 14 on S.E., S. 15 on S.W., and S 10 on N.W. faces; with 4 notches on S. and 2 notches on E edges.

Land rolling and hilly.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass and meadow grass.

S 89° 57' E. on a random line bet. secs. 11 and 14

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect N and S. line 5 lks N. of cor. of secs. 11, 12, 13 and 14.

Thence I run.

S 89° 59' W. on a true line bet. secs. 11 and 14.

Over rolling ground.

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

40.10 Deposit a marked lime stone 12 ins in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins. E and W. 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 1/4 S. on N. face.

51.00 Ascend along S. slope.

52.65 Trail bears N. 68 E and S. 60° W.

63.00 Top of ascent on S. face of low hills. thence over broken ground slopes to S.

80.20 The cor. of secs. 10, 11, 14, and 15.

Land hilly and rolling.

Soil sandy 3rd rate.

Vegetation bunch grass and sand grass

Subdivision of T22N. R47W. — Continued

Chains

N 0° 10' E. bet. secs 10 and 11.

Ascend over low broken hills.

6.60 Ridge bears N.W. and S.E.

35.00 Descend steep N.E. slope of ridge

40.00 Bottom of depression. Deposit a marked lime stone 12 ins. in the ground for 1/4 sec cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist.; and 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. sq. 12 ins. in the ground, marked 1/4 S. on W. face. Ascend S. slope ridge.

43.00 Top of ascent on ridge bears E and W. descend N. slope

56.50 Bottom descent, enter wet bottom land bears. E. and W.

70.00 Leave wet land.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor of secs. 2, 3, 10 and 11.; dig pits 18x18x12 ins. in each sec. 4 ft. dist., and 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. sq. 12 ins. in the ground, marked T22N. S. 2 on N.E. R47 W. S. 11 on S.E. S. 10 on S.W. and S 3 on N.W. faces; with 5 notches on S. and 2 notches on E edges.

Land hilly and rolling valley

Soil sandy 3rd rate.

Vegetation bunch grass and sand grass.

December 20. 1900

N. 89° 59' E on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N and S. line 10 lks N. of cor. of secs. 1, 2, 11, and 12.

Thence I run

N. 89° 57' W. on a true line bet. secs 2 and 11.

Over rolling valley land.

Subdivision of T32 N. R47 W. — Continued

Chains
27.60 Trail bears N and S.
28.00 Enter swampy land, dry bed of.
40.07 Deposit a marked limestone 12 ins. in the ground. for 1/4 sec. cor.; dig pits 18x18x12 ins. N and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit: On S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.
75.80 Yard fence bears N80°E. and S.80° W. here low land.
76.50 A point 50 lks S. of house owned by John Hague
77.92 Wire fence bears N15° W. and S15° E.
80.14 The cor of secs. 2.3.10 and 11
Land rolling valley
Soil sandy 3rd rate
Vegetation sand grass and some willow grass.

N0°10' E on a random line bet. secs. 2 and 3.
40.00 Set temp 1/4 sec. cor.
82.74 Intersect N. bdry of Tp. 29 lks W. of cor. of secs. 2.3. 34 and 35.
Thence S. run
S0°22' W. on a true line bet. secs. 2 and 3.
Over level land
8.44 Wire fence bears E. and W.
14.20 Trail bears N 10° W. and S 10° E., leave level land. ascend N.E. slope low hills
42.74 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. N and S of cor., 4 ft. dist.: and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face
48.00 Top of ascent on E. face hills. thence over ridges and ravines.
73.00 Descend S.E. slope
78.00 Bottom descent enter rolling ground.
82.74 The cor. of secs 2.3.10. and 11.
Land rolling and hilly.
Soil sandy 3rd rate.
Vegetation, ~~sand and willow grass~~. Dec. 26, 1900

Subdivision of T32 N. R47 W. — Continued.

Chains
From the cor. of secs. 3. 4. 33 and 34 on S. bdry of the Tp.
Drun
N0°10' E. bet. secs. 33 and 34.
Ascend S. slope sand hills.
8.00 Top of ascent, on the S. face of range, descend
16.50 Bottom of circular depression, ascend S slope of ridge
34.50 Top of ridge bears E. and W. descend N. slope
40.00 Deposit a marked lime stone 12 ins. in the ground, for 1/4 sec. cor: dig pits 18x18x12 ins. N and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. On S. pit drive an oak stake 2 ft. long, 2 ins. sq.; 12 ins. in the ground, marked 1/4 S. on W. face.
77.00 Foot of descent. leave hills, enter valley bears E. and W.
80.00 Set an oak post 3 ft. long, 4 ins. sq. with marked lime stone 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34. marked T32 N. S. 27 on N.E. R. 47 W. S. 34 on S.E. S. 33 on S.W. and S. 28 on N.W. faces.; with 1 notch on S and 3 notches on E. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling and hilly
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and sand grass.

N 89°59' E. on a random line bet. secs. 27 and 34.
40.00 Set temp 1/4 sec. cor.
79.98 Intersect N and S. line 6 lks N. of cor. of secs. 26, 27, 34. and 35.
Thence S. run
N 89°58' W. on a true line bet. secs. 27 and 34
Over rolling valley land

Chains

10.20 Trail bears N. and S.

39.99 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins. E. and W. of cor. 4 ft. dist and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Drive E. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S. on N. face.

79.98 The cor. of secs. 27, 28, 33. and 34

Land level

Soil sandy 3rd rate.

Vegetation sand and alkali grass.

N 0° 10' E. bet. secs. 27 and 28.

Over level valley land

17.35 Trail bears N 40° E. and S 70° W.

38.00 Leave valley. bears E. and W. ascend S slope sand hills

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins N and S. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Drive S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.

40.32 Wire fence bears E. and W.

43.25 Top of ascent on E. face of ridge, thence over broken ground

63.00 Ascend abrupt S. slope

66.00 Top of ridge bears E. and W.

67.50 E. edge of "blow out." descend N.E. slope.

69.50 Foot of abrupt descent, enter broken ground

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 21 22. 27 and 28: dig pits 18X18X12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit. Drive S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked T22 N. S. 22 on N.E., R47 W. S. 27 on S.E., S. 28 on S.W. and S. 21 on N.W. faces

Chains

with 2 notches on S. and 3 notches on E. edges.

Land hilly and level.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass and sand grass.

S 89° 58' E. on a random line bet. secs. 22 and 27.

40.00 Set temp 1/4 sec. cor.

80.04 Intersect N and S. line 16 lks. S. of cor. of secs. 22, 23. 26. and 27.

Thence S run

S 89° 53' W. on a true line bet. secs. 22 and 27.

Over level valley land.

13.56 Trail bears N 35° W. and S 35° E., ascend N.E. slope over broken ground.

18.97 Wire fence bears N 35° W and S 35° E.

25.84 Top of ascent on ridge bears N.W. and S.E.

35.00 Ridge bears N.W. and S.E. descend S.W. slope

40.00 Bottom descent in depression bears N. and S.

40.02 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins. E. and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Drive E. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked 1/4 S on N. face. Ascend S. slope

50.00 Ridge bears N.W. and S.E. descend S.W. slope

66.00 Foot of descent in low hills.

80.04 The cor. of secs. 21, 22. 27, and 28.

Land level and hilly.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass and sand grass.

N 0° 10' E bet. secs 21 and 22.

Ascend S. slope over low broken sand hills.

4.50 Top of broken sand ridge bears E and W descend N. slope

Subdivision of T22 N. R. 47. W. — Continued.

Chains

21.00 Foot of descent. ascend over low rolling hills

37.00 Ascend rapidly.

40.00 Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor.: dig pits 18X18X12 ins. N and S. of cor. 4 ft. dist., and 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. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

44.00 Top of ascent on high broken ridge bears N.W. and S.E. descend N.E. slope.

49.00 Bottom depression bears N.W. and S.E.. ascend S.W. slope.

56.40 Wire fence bears N 58° W. and S. 58° E.

58.00 Top of ascent on ridge bears N.W. and S.E. descend N. slope over rolling land.

80.00 Set an oak post 3 ft. long, 4 ins. sq. with marked lime stone 24 ins. in the ground. for cor. of secs. 15. 16. 21 and 22.: marked T22 N. S. 15 on N.E.; R47 W. S. 22 on S.E., S 21 on S.W. and S 16 on N.W. faces.: with 3 notches on S. and E. edges.: dig pits 18X18X12 ins. in each sec 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land sand hills
Soil sandy 4th rate
Vegetation bunch grass and some grass

N 89° 56' E. on a random line bet. secs. 15 and 22.

40.00 Set temp 1/4 sec. cor.

80.08 Intersect N. and S. line at the cor. of secs. 14. 15. 22 and 23.

Thence I run
S. 89° 55' W. on a true line bet. secs. 15 and 22.

Over rolling ground

3.26 Trail bears N. and S.

4.11 Wire fence bears N. and S.

Subdivision of T22 N., R47 W. — Continued

Chains

7.00 Leave valley bears N. and S. ascend abrupt E slope.

9.00 Top of ascent 60 ft. above valley. thence over broken sand ridges.

40.04 Deposit a marked lime stone 12 ins in the ground for 1/4 sec. cor: dig pits 18X18X12 ins. E and W. 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 1/4 S on N. face.

48.00 Ridge bears N.W. and S.E. descend S.W. slope

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

66.00 Foot of descent, enter rolling land bears N. and S.

80.08 The cor. of secs. 15, 16, 21, and 22.

Land hilly and rolling
Soil sandy 3rd rate.
Vegetation bunch grass and some grass.

N 0° 10' E. bet. secs. 15 and 16
Descend N. slope into depression

8.00 Bottom depression bears E. and W.

15.00 Ascend S.W. slope.

22.00 Top of ascent 30 ft. thence along a W. slope. descending gently

24.50 Trail bears N 10° W. and S 10° E.

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and 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. sq., 12 ins. in the ground, marked 1/4 S. on W. face

40.50 Ascend rolling S.W. slope.

49.00 Top of ascent thence over rolling hills.

68.00 Depression bears N.W. and S.E. ascend S.W. slope.

74.50 Top of ascent. thence over rolling ground.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 9. 10. 15 and 16.: dig pits 18X18X12 ins in each sec. 4 ft. dist.;

Subdivision of T22 N. R47 W. — Continued

Chains

and raise a mound of earth 4 ft. base, 2 ft. high over deposit. On S.E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked T22 N. S. 10 on N.E. R.47 W. S. 15 on S.E. S 16 on S.W. and S. 9 on N.W. faces, with 4 notches on S and 3 notches on E. edges.

Land rolling sand hills.

Soil sandy 4th rate

Vegetation bunch grass and sand grass

N 89° 55' E. on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.,

80.06 Intersect N. and S. line 5 lks. N. of cor. of secs. 10, 11, 14 and 15.

Thence I run.

S 89° 57' W. on a true line bet. secs. 10 and 15

Over low sand hills, descending gently

17.00 Pot of descent in N. edge of valley trend S.

23.00 Leave valley trend N. and S. ascend E. slope sand bluffs.

35.73 Wire fence bears N 15° W. and S 15° E.

37.75 Top of ascent, on bluff. trend N. and S. descend abrupt W. slope.

40.03 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18 X 18 X 12 ins. E. and W. of cor. 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. On E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked. 1/4 S. on N. face. — over broken ground

58.00 Ravine course N. ascend E. slope

78.50 Ridge trend N. and S. descend W. slope

80.06 The cor. of secs. 9, 10, 15 and 16.

Land sand hills. and rolling valley

Soil sandy 3rd rate.

Vegetation bunch and buffalo grass.

Subdivision of T22 N. R47 W. — Continued

Chains

N 0° 10' E. bet. secs. 9 and 10.

Ascend over W. face sand hills

34.00 Top of ascent on ridge trend N.W. and S.E. descend N.E. slope.

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18 X 18 X 12 ins N. and S. of cor. 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit., On S. pit. drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

40.48 Wire fence bears N 50° E. and S 50° W.

48.00 Bottom descent enter low rolling hills

58.20 Wire fence bears N 30° W. and S 30° E. ascend gently

80.00 Deposit a marked lime stone 12 ins in the ground for cor. of secs 3, 4, 9 and 10: dig pits 18 X 18 X 12 ins. in each sec. 4 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high over deposit. On S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T22 N. S. 3 on N.E., R.47 W. S. 10 on S.E., S 7 on S.W. and S 4 on N.W faces, with 5 notches on S. and 3 notches on E. edges

Land sand hills.

Soil sandy 4th rate

Vegetation bunch grass and sand grass.

December 21, 1900

N 89° 57' E on a random line bet. secs. 3 and 10

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 12 lks S. of cor. of secs. 2, 3, 10, and 11.

Thence I run

S 89° 52' W. on a true line bet. secs. 3 and 10.

Over rolling ground in N. side of valley

30.00 Leave rolling ground, ascend along S.E. slope, sand hills.

39.95 Deposit a marked lime stone 12 ins in the ground for 1/4 sec. cor.: dig pits 18 X 18 X 12 ins. E and W. of cor 4 ft. dist., and raise a

Subdivision of T22 N. R47 W. — Continued

Chains

a mound of earth 3½ ft. base, 1½ ft high over deposit. On E. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked ¼ S. on N. face.

48.20 Top of sand ridge. trees N and S.

69.50 Descend gently over low hills.

79.40 The cor. of secs. 3, 4, 9 and 10.

Land hilly and rolling.

Soil sandy 4th rate

Vegetation bunch grass and sandgrass

N 0° 10' E on a random line bet. secs 3 and 4.

40.00 Set temp. ¼ sec. cor.

82.86 Intersect N. bdry of Tp. 5 lks. W. of cor. of secs. 3, 4, 33 and 34.

Thence On

S 0° 12' W. on a true line bet. secs. 3 and 4

Over low hills, ascending gently

3.00 Bottom depression trees E and W. ascend N. slope.

12.00 Ridge falls W.

25.00 Ridge. thence along W. slope.

41.00 Low ridge trees E. falls W. descend S.W slope

42.86 Deposit a marked line stone 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N and S. of cor. 3 ft. disk, and raise a mound of earth 3½ ft base, 1½ ft high over deposit On S pit drive an oak stake 2 ft long, 2 ins sq. 12 ins in the ground, marked ¼ S on W. face

Over broken ground. and low sand bluffs

68.30 Point on E. face of ridge. descend S.E slope

82.86 The cor. of secs. 3, 4, 9, and 10.

Land rolling sand hills.

Soil sandy 3rd rate

Vegetation bunch grass and sandgrass.

December 26, 1900

Subdivision of T22 N. R47 W — Continued

Chains.

From the cor. of secs. 4, 5, 32 and 33 on S. bdry of Tp.

Thence

N 0° 9' E. bet. secs. 32 and 33.

Over rolling valley land.

8.50 Low ridge trees E. and W.

14.00 Enter level valley trees N.E. and S.W.

31.75 Trail trees N.E. and S.W.

39.47 Wire corrall fence trees S 80° E and N 80° W.

39.88 Wire corrall fence trees N. 35° E. and S 35° W.

40.00 Deposit a marked line stone 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N and S. of cor. 4 ft. disk.; and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On S. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked ¼ S. on W. face.

41.18 Yard fence trees E. and W.

43.80 A point 2 chs W. of John Hunters house

44.83 Yard fence trees N 80° W. and S. 80° E.

69.00 Leave valley trees E and W. Ascend S. slope low foot hills.

75.00 Top of ascent thence over rolling ground

80.00 Deposit a marked line stone 12 ins. in the ground for cor. of secs. 28, 29, 32, and 33; dig pits 18x18x12 ins. in each sec. 4 ft. dist.; and raise a mound of earth, 4 ft base 2 ft high over deposit, On S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked T22 N. S. 28. on N.E. R 47 W. S. 33 on S.E., S. 32 on S.W. and S. 29 on N.W. faces; with 1 notch on S. and 4 notches on E. edges

Land rolling valley.

Soil sandy 3rd rate.

Vegetation bunch grass

N 89° 57' E. on a random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

79.98 Intersect N. and S. line 7 lks. N. of cor. of secs. 27, 28, 33 and 34, Thence On

Subdivision of T22 N. R47 W. — Continued

Chains

N 89° 58' W. on a true line bet. secs. 28 and 33.

Over rolling ground.

12.00 Ascend N.E. slope gently

17.00 Top of ascent on N. slope of ridge. descend over N.W. slope

29.00 Enter valley bears N.E and S.W.

31.50 Trail bears N 60° E. and S 60° W.

39.99 Deposit a marked line stone 12 ins in the ground. for 1/4 sec. cor.; dig pits 18 X 18 X 12 ins. E and W. 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 1/4 S. on W. face.

58.25 Trail bears N 10° W. and S 10° E.

59.25 Trail bears N 10° E and S 10° W.

60.00 Leave valley bears N. and S., ascend E. slope sand hills.

70.00 Top of ascent thence over low sand ridges.

79.98 The cor. of secs. 28, 29, 32, and 33.

Land rolling and hilly.

Soil sandy 3rd rate

Vegetation bunch grass and sand grass.

N 0° 9' E bet. secs. 28 and 29

Over low rolling hills.

8.75 Descend N.E. slope.

15.50 Bottom descent in W. end of valley bears E.

26.00 Point on E. slope of ridge.

37.00 Enter low broken hills. bears N.E and S.W.

40.00 Deposit a marked. line stone 12 ins. in the ground for 1/4 sec, cor.; dig pits 18 X 18 X 12 ins. N and S. of cor. 4 ft. dist. and 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. sq., 12 ins in the ground, marked 1/4 S. on W. face.

41.25 Top of sand bluff. 20 ft. above 1/4 sec cor.

54.70 Descend on N.E. slope.

Subdivision of T22 N. R47 W. — Continued

Chains

56.50 Foot of descent in valley bears N.W. and S.E.

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

65.04 Wire fence bears N.W and S.E., leave valley bears N.W. and S.E. ascend S.W. slope.

80.00 Deposit a marked stone 12 ins. in the ground for cor. of secs. 20, 21, 28 and 29.; dig pits 18 X 18 X 12 ins in each sec. 4 ft. dist.; and 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. sq. 12 ins. in the ground, marked. T22 N. S. 21 on N.E., R47 W. S 28 on S.E. S 29 on S.W. and S. 20 on N.W. faces. with 2 notches on S. and 4 notches on E edges.

Land rolling valley and low sand hills.

Soil sandy 3rd and 4th rate

Vegetation bunch grass and sand grass.

S 89° 58' E. on a random line bet. secs. 21 and 28.

40.00 Set temp 1/4 sec. cor..

80.04 Intersect N. and S. line 3 lks. N. of cor. of secs. 21, 22, 27, and 28.

Thence I run

N. 89° 57' W. on a true line bet. secs. 21 and 28.

Ascend E. slope sand ridge.

22.00 Top of ascent on ridge. thence over broken ground and ridges. sloping to S.

31.50 Ridge bears N and S. descend W. slope

38.70 Bottom descent in ravine course S. ascend E slope.

40.02 Deposit a marked line stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18 X 18 X 12 ins. E. and W. 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

Subdivision of T22 N. R47 W. — Continued

Chains

ground, marked ¼ S. on N. face.

41.70 Top of ascent on N. face of ridge, thence over broken ground, slopes to N.

63.70 Descend S.W. slope.

70.00 Pass trees S.E. and W. ascend along S. face of hills.

80.04 The cor. of secs. 20, 21, 28, and 29.

Land rolling sand hills

Soil sandy 4th rate

Vegetation bunch grass and sand grass

N 0° 8' E. bet. secs. 20 and 21.

Ascend S.W. face, sand ridge

0.50 Top of ascent on ridge, thence over very broken ground

24.00 Ridge trees E. and W. descend

33.00 Bottom descent in depression bet. ridges, trees E. and W. ascend S. slope.

40.00 Deposit a a marked line stone 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist., and 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. sq. 12 ins. in the ground, marked ¼ S. on W. face.

41.50 Ridge trees E. and W. descend N. slope

62.50 Bottom descent, ascend S.E. slope.

67.00 Top of ascent on ridge 100 ft. above cor. trees E. and W. descend N. slope.

74.00 Bottom descent in depression, thence over rolling ground slopes to S.W.

79.53 Wire fence trees N.W. and S.E.

80.00 Deposit a marked line stone 12 ins. in the ground for cor. of secs. 16, 17, 20, and 21 dig. pits 18x18x12 ins. in each sec. 4 ft. dist.; and 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 sq., 12 ins. in the ground, marked T22 N. S. 16 on N.E. R47 W. S. 21 on S.E. S. 20 on S.W. and

Subdivision of T22 N. R47 W. — Continued

Chains

S 17 on N.W. face; with 3 notches on S. and 4 notches on E. edges.

Land rolling sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass.

S 89° 57' E. on a random line bet. secs. 16 and 21

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line 12 lks. S. of cor. of secs. 15, 16, 21 and 22.

Thence run

S. 57° 52' W. on a true line bet. secs. 16 and 21

Ascend N.E. slope sand hills

3.00 Top of ridge trees N. and S. descend

17.00 Depression trees N. and S. ascend E. slope

22.00 Top of ascent on S. face. hills

23.00 Descend over S.W. slope.

40.03 Deposit a marked line stone 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18, 12 ins. E. and W. 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 ¼ S. on N. face

42.50 Foot descent enter low rolling hills

80.06 The cor. of secs. 16, 17, 20, and 21

Land, sand hills.

Soil sandy 4th rate.

Vegetation, bunch grass and sand grass.

N 0° 9' E bet. secs. 16 and 17.

Over low rolling hills

20.50 Descend N. slope

28.00 Foot of descent enter valley trees E. and W.

36.64 Wire fence. trees N.E. and S.W.

40.00 Deposit a marked line stone 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist.; and raise a mound of earth 8½ ft. base, 1½ ft. high over

Subdivision of T22 N. R47 W — Continued

Chains

deposit. On S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 1/4 S. on W. face.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 8. 9. 16 and 17.; dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit. On S.E pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins in the ground, marked T22 N. S. 9. on N.E. R 47 W. S. 16 on S.E. S 17 on S.W. and S. 8 on N.W. faces.; with 4 notches on S. and E. edges.

Land rolling valley.
Soil sandy 3rd rate.
Vegetation bunch and buffalo grass.

N 89° 52' E on a random line bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.
79.94 Intersect N. and S. line 14 lks N. of cor. of secs. 9. 10. 15. and 16.
Thence I run
S. 89° 58' W. on a true line bet. secs. 9 and 16
Over rolling sand hills.
10.50 Descend W. slope
28.00 Foot of descent. enter level valley trav N.W. and S.E.
39.65 Trail trav N.W. and S.E.
39.97 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. On E. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S. on N. face, Leave valley N. and S. ascend over low hills.
64.00 Top of ascent. descend W. slope
65.50 Wire fence trav N.E. and S.W.
77.00 Bottom descent. thence over rolling ground

Subdivision of T22 N. R47 W — Continued

Chains

79.94 The cor. of secs. 8. 9. 16 and 17.
Land hilly and rolling.
Soil sandy 3rd rate.
Vegetation bunch grass and sand grass.

N 0° 9' E. bet. secs. 8 and 9.
Over rolling ground
6.00 Ascend S. slope low hills.
8.75 Top of ascent, thence over broken ridges on E face of range of hills; descending gently
40.00 Foot of descent. enter rolling ground.
Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18 x 18 x 12 ins. N and S. of cor 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. On S. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S. on W. face
40.73 Trail trav N.W. and S.E
59.50 Ascend S. slope low ridge
70.50 Top of ascent on ridge trav E. and W. descend N. slope
78.00 Bottom descent bet. ridges. ascend S slope.
80.00 Deposit a marked lime stone 12 ins. in the ground for cor. secs. 4, 5, 8, and 9.; dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high over deposit. On S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked T22 N. S. 4 on N.E. R. 47 W. S. 9 on S.E. S. 8 on S.W. and S. 5 on N.W. faces, with 5 notches on S. and E. edges.

Land rolling and hilly.
Soil sandy 3rd rate.
Vegetation bunch grass and sand grass.
December 22, 1900

N 89° 58' E. on a random line bet. secs. 4 and 9.

Subdivision of T22 N. R47 W. — Continued

Chains

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N and S. line 2 lks N. of cor. secs. 3, 4, 9 and 10

Thence I run

S. 89° 59' W. on a true line bet. secs. 4 and 9.

Descend N.W. slope over rolling sand hills.

12.80 Wire fence bears N 30° W and S. 30° E.

16.00 Bottom depression bears N. and S. ascend E slope over low hills.

19.50 Top of ascent - descend W. slope.

30.00 Foot descent. ascend abrupt E. slope ridge.

32.60 Top of ascent on ridge bears N. and S. 10 ft. above cor. descend W. slope

37.00 Foot of descent in low rolling hills.

40.02 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base. 1 1/2 ft. high over deposit. On E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 1/4 S. on N. face

45.00 Ascend S.E. slope.

62.00 Top of ascent on ridge bears N.W. and S.E.

74.70 Descend S.W. slope

80.04 The cor of secs 4, 5, 8 and 9.

Land rolling sand hills

Soil sandy 4th rate

Vegetation bunch grass and sand grass.

N 0° 9' E. on a random line bet. secs. 4 and 5.

40.00 Set temp. 1/4 sec. cor.

82.70 Intersect N. bdry of Tp. 11 lks W. of cor of secs. 4, 5, 32 and 33.

Thence I run S

S 0° 14' W. on a true line bet. secs. 4 and 5 —

Ascend N. slope over low rolling hills

5.20 Top of ascent on sand point. thence over rolling hills

Subdivision of T22 N. R47 W. — Continued

Chains

27.00 Wire fence bears N 85° W. and S. 85° E.

35.00 Ridge bears N.W. and S.E. descend S.E. slope.

42.70 Deposit a marked line stone 12 ins in the ground for 1/4 sec. cor.: dig pits 18 x 18 x 12 ins N. and S. of cor. 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. On S. pit drive an oak stake 2 ft. long. 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.

60.00 Point on E. face of ridge. thence over broken ground.

78.00 Descend S. slope

82.70 The cor. of secs. 4, 5, 8 and 9.

Land sand hills.

Soil sandy 4th rate

Vegetation bunch grass and sand grass.

December 26, 1900

From the cor. of secs. 5, 6, 31 and 32 on S. bdry. of Tp. I run

N 0° 8' E. bet. secs. 31 and 32.

Ascend S slope sand hills.

6.30 Wire fence bears E and W.

13.00 Top of ascent on ridge bears E. and W.

34.00 Sand bluff bears E and W. thence over broken ground

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high over deposit. On S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked 1/4 S. on W. face.

55.50 Ridge bears E. and W.

73.50 Ridge bears E. and W.

80.00 The point for cor. of secs. 29, 30, 31 and 32. falls in sand blow out. where natural causes would ensure its destruction. Therefore at.

74.85 Deposit a marked lime stone 12 ins in

Subdivision of T22 N. R47 W. - Continued

Chains

the ground for W.C. to cor. of secs. 29.30 31 and 32.: dig pits 18 x 18 x 12 ins. N.E. S.E., S.W. and N.W. of cor. 4 ft. diat: and 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. sq. 12 ins. in the ground, marked W.C. T22 N. S29. on N.E., R47W. S. 32 on S.E. S. 31 on S.W. and S.30 on N.W. faces: with 1 notch on S. and 5 notches on E. edges

Land Sand hills.

Soil sandy 4th rate

Vegetation Bunch grass and sand grass.

From the true point for cor. of secs. 29. 30, 31 and 32. I run.

N.89°59' E. on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 30 lks. N. of cor. of secs. 28.29. 32 and 33.

Thence I run

N.89°48' W. on a true line bet. secs 29 and 32

Over low rolling sand hills.

3.50 Ridge trees N. falls S. descend W. slope.

8.35 Wire fence trees N. and S., ascend along S.E. slope

14.00 Top of ascent on S. face of ridge descend. S.W. slope.

18.00 Foot of descent. enter low rolling hills.

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins. E and W. of cor. 4 ft. diat.. 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 1/4 S. on N. face. Ascend E. slope of ridge

55.00 Top of ascent on ridge trees N. and S. thence over very broken ground on top of range of hills.

80.00 The true point for. cor. of secs. 29.30.31 and 32.

Subdivision of T22 N. R47 W. - Continued

Chains.

Land Sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass.

From the true pt. for. cor. of secs. 29.30 31, and 32. Drun S 89°59' W. on a random line bet. secs. 30 and 31

40.00 Set temp 1/4 sec. cor.

78.84 Intersect W. bdry of Tp. 16 lks. N of cor. of secs. 25.30, 31 and 36.

Thence I run

N 89°52' E. on a true line bet. secs. 30 and 31

Over low rolling sand hills.

38.84 Deposit a marked lime stone 12 ins in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. diat and raised 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 1/4 S. on N. face.

42.00 Wire fence trees N. and S. Ascend. over broken ground

45.00 Point on N. face of bluffs. slope N.

73.30 Top of ascent on ridge trees N.W. and S.E. descend E. slope N.

78.84 The true pt. for cor. of secs. 29.30, 31 and 32

Land rolling sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass.

No°8' E. bet. secs. 29 and 30.

Ascend. over broken sand bluffs.

13.50 Top of ascent on ridge trees N.W. and S.E. descend N.E. slope.

30.00 Foot of descent. enter low rolling hills trees N.W. and S.E

40.00 Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12 ins N and S. of cor. 4 ft. diat. and raised mound

Subdivision of T22 N. R47 W. Continued

Chains	
	of earth 3½ ft. base, 1½ ft. high over deposit, In S. pit drive an oak stake 2 ft. long. 2 ins. sq. 12 ins. in the ground, marked ¼ S. on W. face.
56.00	Top of ascent on point of ridge trees. S.E. decend over broken ground.
80.00	Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 19.20.29 and 30.: dig pits 18x18x12 ins. in each sec. 4 ft. dist: and 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. sq. 12 ins. in the ground. marked T22 N. S. 20 on N.E. R47W. S. 29 on S.E. S 30 on S.W. and S 19 on N.W. faces.: with 2 notches on S. and 5 notches on E. edges.
	Land sand hills.
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass.

S 89° 48' E. on a random line bet. secs. 20 and 29.

40.00	Set temp ¼ sec. cor.
79.96	Intersect N. and S. line 44 lks. S of cor. of secs. 20.21.28. and 29.
	Thence S run
	S 89° 53' W. on a true line bet. secs. 20 and 29.
	Descend S.W. slope sand hills.
10.60	Pot of descent enter valley trees N. and S. Wire fence trees N.W. and S.E.
14.50	Trail trees N.W. and S.E.
33.00	Ascend over low hills.
39.98	Depression. deposit a marked stone 12 ins in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. E. and W. of cor. 4 ft. dist., and raised 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 ¼ S on N. face
53.20	Wire fence trees N. 35 W. and S 35° E.
66.40	Top of ascent on low hills. descend W. slope
79.96	The cor. of secs. 19. 20. 29 and 30.

Subdivision of T22 N. R47 W. – Continued

Chains	
	Land rolling and hilly
	Soil sandy 3rd rate.
	Vegetation bunch grass and sand grass

S 87° 52' W. on a random line bet. secs. 19 and 30.

40.00	Set temp. ¼ sec. cor.
78.48	Intersect W. bdry of Tp. 14 lks S. of cor. of secs. 19.24.25 and 30.
	Thence S run.
	N 89° 58' E. on a true line bet. secs. 19 and 30
	Descend gradually E. slope over low hills.
34.20	Wire fence trees N.E. and S.W.
38.48	Deposit a marked lime stone 12 ins in the ground for ¼ sec. cor.: dig pits 18x18x12 ins E and W. 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 ¼ S. on N. face. Ascend over low ridges. trees N and S.
58.50	A point on S. face of ridge decend. S.E. slope.
78.48	The cor. of secs 19.20.29 and 30.
	Land low sand hills.
	Soil sandy 4th rat.
	Vegetation bunch grass and sand grass.

N 0° 8' E. bet secs. 19 and 30.

Ascend S. slope over broken sand ridges

2.60	Top of ridge trees E. and W.
8.00	Ridge. trees E. and W. descend N. slope
16.00	Bottom descent. enter low foot hills trees E. and W.
37.82	Wire fence trees N 50° W. and S 50° E.
40.00	Deposit a marked lime stone 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins N. and S. of cor. 4 ft. dist.: and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. In S. pit drive an oak stake 2 ft,

Subdivision of T.22 N. R.47 W. — Continued

Chains	
	long, 2 ins. sq. 12 ins in the ground, marked 1/4 S. on W. face
45.00	Descend gently over N. slope.
55.05	Trail bears N.W and S.E., at bottom descend enter valley bears N.W. and S.E.
65.00	Leave valley bears E. and W. enter low hills
71.25	Ridge bears E. and W. descend N. slope
75.00	Bottom descent., in depression bears E and W. ascend S. slope.
80.00	The point for cor. of secs. 17. 18. 19 and 20. falls in sand blow out. where natural causes would insure its destruction Therefore at
79.84	Deposit a marked lime stone 12 ins. in the ground for W.C. to cor. of secs. 17. 18. 19. and 20. dig pits 18 x 18 x 12 ins. N.E. S.E., S.W. and N.W. of cor. 4 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high over deposit., on S.E. pit drive an oak stake 2 ft. long 2 ins sq. 12 ins in the ground, marked W.C. T22N. S17 on N.E. R47W. S20 on S.E. S19 on S.W. and S18 on N.W. faces; with 3 notches on S. and 0 notches on E. edges.
	Land rolling sand hills.
	Soil sandy 4th rate.
	Vegetation bunch grass and sand grass.

	From the true pt. for cor. of secs 17, 18, 19 & 20 I run
	N 89° 53' E. on a random line bet. secs. 17 and 20
40.00	Set temp. 1/4 sec. cor.
80.10	Intersect N and S line 14 lks. N. of cor. of secs 16, 17, 20 and 21.
	Thence I run
	S 89° 59' W. on a true line bet. secs 17 & 20 over broken ground.
0.00	Wire fence bears N.W. and S.E.
5.00	Ascend N.E. slope over broken sand ridges.
15.00	Top of ascent on S. face of sand bluff. 40 ft. above cor. descend S.W. slope
20.00	Bottom descent., thence over low ridges
40.05	Deposit a marked lime stone 12 ins. in

Subdivision of T.22 N. R.47 W. — Continued.

Chains	
	the ground for 1/4 sec. cor.; dig pits 18 x 18 x 12 ins. E and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft high over deposit. On E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.
	Descend W. slope ridge.
46.90	Bottom descent, Wire fence bears N.W. and S.E.
58.00	Ascend E. slope ridge.
61.50	Top of ascent on N. face of sand bluffs., descend N.W. slope
80.10	The true pt. for cor. of secs. 17, 18, 19, and 20
	Land sand hills.
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass
	December 24, 1900.

	From the true point for cor. of secs. 17 18 19 and 20 I run
	S 89° 58' W. on a random line bet. secs. 18 and 19
40.00	Set temp. 1/4 sec. cor.
77.84	Intersect W. bdry. of Tp. 5 lks. N. of the cor. of secs 13, 18, 19, and 24
	Thence I run
	N 89° 56' E. on a true line bet. secs. 18 and 19
	Ascend over rolling land.
4.00	Top of ascent
16.60	Trail bears N.E. and S.W.
37.84	Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor. dig pits 18 x 18 x 12 ins. E and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. On E. pit drive an oak stake. 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
42.00	Ascend W. slope hills.
44.50	Top of ascent on ridge bears N. and S. thence over broken ground
63.30	Ridge bears N.W. and S.E. descend N.E. slope
65.00	Trail bears N. and S.

Subdivision of T22 N. R47 W. — Continued

Chains	
36.20	Trail bears N and S.
37.12	Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor.: dig pits 18x18x12 ins E. and W. of cor. 4 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft high over deposit. Dr E pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked, 1/4 S. on N. face
41.00	Ascend over rolling ground slopes to W.
46.00	Ridge bears N and S. descend E. slope
65.00	Foot of descent bears rolling ground. ascend W. slope sand hills.
75.00	Top of ascent on N. face of ridge. descend gradually along N. slope.
77.12	The cor. of secs. 7, 8, 17 and 18.
	Land hilly and rolling.
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass.

	N 0° 8' E. bet. secs. 7 and 8.
	Descend N.E. slope
2.90	Wire fence bears N.W. and S.E.
4.50	Bottom descent in ravine course N.W.
8.00	Ascend S. slope.
15.50	Top of ascent. thence over rolling land
23.50	Descend N.E. slope
30.00	Foot of descent. enter rolling ground.
40.00	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high over deposit. Dr S. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
52.00	Bears rolling land. ascend S. slope over low hills.
65.00	Top of ascent. thence over low rolling hills.
80.00	Deposit a marked lime stone 12 ins

Subdivision of T22 N. R47 W — Continued

Chains	
	in the ground for cor of secs 5. 6. 7 and 8. dig pits 18x18x12 ins in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high over deposit. Dr S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked T22 N. S. 5 on N.E. R47 W. S 8 on S.E. S 7 on S.W. and S 6 on N.W. faces: with 5 notches on S. and E. edges.
	Land rolling and hilly
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass.

	S 89° 57' E. on a random line bet. secs. 5 and 8.
40.00	Set temp 1/4 sec. cor.
79.80	Intersect N and S. line 5 lks S. of cor. of secs. 4, 5, 8, and 9.
	Thence S run
	N 89° 57' W. on a true line bet. secs. 5 and 8.
	Ascend gradually E slope over broken ground.
18.70	Trail bears N.W. and S.E
26.60	Trail bears N.W and S.E.
37.00	Ascend N.E. slope hills.
37.00	Top of ascent on N face of ridge. descend N.W. slope
39.90	Bottom depression bears N. and S. Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor.: dig pits 18x18x12 ins. E and W. of cor. 4 ft dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Dr E. pit drive an oak stake 2 ft long, 2 ins sq, 12 ins in the ground, marked 1/4 S. on N. face.
	Ascend E. slope ridge
47.00	Top of ridge bears N. and S. descend S.W. slope
61.00	Foot. descent. ascend E. slope ridge
79.80	The cor. of secs. 5. 6. 7 and 8.
	Land rolling sand hills.

Subdivision of T22 N. R47 W — Continued

Chains	
	Soil sandy 4th rate.
	Vegetation bunch grass, and sand grass
	S. 89° 59' W. on a random line bet. secs. 6 and 7.
40.00	Set temp. 1/4 sec. cor.
76.60	Intersect W. bdry. of Tp. 5 lks N. of cor. of secs. 1, 6, 7 and 12.
	Thence I run
	N. 89° 57' E. on a true line bet. secs. 6 and 7. over rolling ground
5.00	Leave rolling ground bears N. and S. ascend over low hills
8.00	Top of ascent on low hills.
18.00	Descend E. slope.
22.60	Foot of descent enter valley bears N. and S.
27.20	Trail bears N.W. and S.E.
36.60	Deposit a marked lime stone 12 ins in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins E. and W. 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 1/4 S. on N. face.
38.00	Enter dry bed of slough.
49.50	Wire fence bears N. and S.
54.00	Leave slough bears N.W. and S.E.
58.70	Trail bears N. and S.
60.00	Leave valley bears N. and S. ascend W. slope sand hills.
66.00	Top of ascent thence over rolling ground.
76.60	The cor. of secs 5, 6, 7 and 8.
	Land rolling and hilly
	Soil sandy 1st and 4th rates
	Vegetation, sand, meadow and slough grass.
	N. 0° 8' E. on a random line bet. secs. 5 and 6.
40.00	Set temp 1/4 sec cor.

Subdivision of T22 N. R47 W — Concluded.

Chains.	
82.70	I intersect N. bdry. of Tp. 40 lks E. of the cor. of secs. 5, 6, 31 and 32.
	Thence I run
	S. 0° 9' E. on a true line bet. secs. 5 and 6
	Ascend gently over low rolling foot hills.
21.00	Top of ascent. descend S. slope.
31.20	Wire fence bears N. 70° E. and S. 70° W. at foot of descent, thence over rolling land.
40.00	Leave rolling land bears E. and W. Ascend gently N. slope.
42.70	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.; dig pits 18x18x12 ins N. and S. of cor. 4 ft. dist., and 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 sq., 12 ins. in the ground. marked 1/4 S. on W. face.
47.00	Top of ascent. 20 ft. above 1/4 sec. cor. thence over rolling hills.
65.00	Descend S. slope; gently
82.70	The cor. of secs. 5, 6, 7, and 8.
	Land rolling and hilly
	Soil sandy 3rd and 4th rate
	Vegetation bunch and buffalo grass
	December 25, 1900

Claim Lines of T. 22 N. R. 47 W.

Chains

Sec. 62.

Survey of H.E. of John Kleaman. 160 acres in Secs. 32 and 33. The old Cor. of Secs. 28, 29, 32, and 33 being shown and claimed by Mr. Kleaman as his N.E. Cor. and also the N.W. Cor. of H.E. of John A. Logan. This Cor. bears S. 55° 47' E. 18.76 chs. dist from the Cor. of Secs. 28, 29, 32 and 33. Latitude S. 10.55 chs. Departure E. 15.52 chs. being E. 15.54 chs. from Sec. line bet. 32 and 33 at this point. From the old Cor. I run

N. on N. bdry.

Over rolling ground at foot of low hills.

20.00 Deposit marked limestone 12 mis. in the ground for N.W. Cor. of claim. dig pits 18x18x12 mis. S. and E. of line 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 mis. sq. 12 mis in the ground, marked.

J. K. on E. face

Land rolling
Soil sandy 2nd rate
Vegetation, sand grass

W. on N. bdry. E. 80 acres

Over rolling valley land.

7.50 Wire fence bears N. 31° W. and S. 30° E.

20.00 Deposit marked limestone 12 mis. in the ground for N.E. Cor. W. 80 acres. dig pits 18x18x12 mis. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit

In N. pit drive an Oak stake 2 ft. long 2 mis. sq. 12 mis. in ground, marked

J. K. on SW. face

Land rolling
Soil sandy 2nd rate
Vegetation, Sand grass.

N. on W. bdry. W. 80 acres

Ascend gully along S. slope hills.

16.00 Top of ascent on N. gentle slope descend

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

20.00 Set temp N.W. Cor.

Land rolling
Soil sandy 2nd rate
Vegetation Sand grass.

From the old Cor. last fore described I run S. bet Kleaman and Logan

Over level valley land.

9.52 Forks of trails bears S. 20° W. and N. 20° E. takes N.E and S.W.

20.00 Deposit marked limestone 12 mis in the ground for S.E. Cor. of claim. stand S.W. Cor. of John A. Logan H.E. dig pits 18x18x12 mis. N. and E. of Cor 4 ft. dist. and raise a mound of earth 3⅓ ft. base 1½ ft. high over deposit

In N. pit, drive an Oak stake 2 ft long 2 mis. sq 12 mis in the ground, marked

J. K. on N. W. and

J. A. L. on N. E. faces

Land level
Soil sandy 2nd rate.
Vegetation meadow grass

N. on S. bdry. E. 80 acres

Over level ground.

3.40 Trail, bears N. 25° W. and S. 20° E.

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

20.00 Deposit marked limestone 12 mis in the ground for S.W. Cor. E. 80 acres: - dig pits 18x18x12 mis. S. and E. of Cor. 4 ft. dist. and raise a mound of earth 3⅓ ft. base 1½ ft. high over deposit

In E. pit drive an Oak stake 2 ft. long 2 mis. sq 12 mis. in ground, marked

J. K. on N.E. face

Land level
Soil sandy 2nd rate
Vegetation meadow grass

Claim Lines of T. 22 N. R. 47 W. Continued.

Chains	
	S. on W. bdy of W. 80 acres.
	Over level ground.
4.00	Trail bears N.E. and S.W.
16.00	Ascend gentle N. W. slope
20.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor. W. 80 acres. dig pits 18x18x12 ins. N. and W. of Cor. 4ft. dist and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit. In N. pit drive an Oak stake 2ft. long 2 ins. sq. 12 ins. in the ground, marked. J. K. on N. W. face
	Land level and rolling. Soil sandy - 2nd & 3rd rate Vegetation sand grass

	W. on S. bdy
	Descend gently
3.00	Enters rolling valley.
12.25	Trail, bears N.E. and S.W.
20.00	Deposit marked limestone 12 ins. in the ground for S.W. Cor of claim. dig pits 18x18x12 ins. N. and E. of Cor. 4ft. dist and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit. In N. pit drive an Oak stake 2ft. long 2 ins. sq. 12 ins. in the ground, marked J. K. on N.E. face
	Land rolling Soil sandy 3rd & 4th rate Vegetation sand grass.

	N. on W. bdry.
	Over rolling valley land.
0.68	Wire fence bears N. 30° E. and S. 30° W.
40.00	Intersect N. bdry at temp Cor. Deposit marked limestone 12 ins. in the ground for N.W. Cor. W. 80 acres dig pits 18x18x12 ins. S. and E. of Cor. 4ft. dist and raise a mound of earth - 3½ ft. base 1½ ft. high, [illegible] In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground marked J. K. on S.E. face

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	Sec. 63 3)
	Survey N.E. of John A. Logan 60 acres in Secs. 33 The N.W. and S.W. Corners and the W. bdry being described in field notes of the survey of Kleaman N.E.
	From the N.W. Cor. of claim S. run
	E. on N. bdry.
	Over rolling valley land.
3.33	Trail, bears N. 10° E. and S. 10° W.
9.95	Trail bears N. 10° W. and S. 10° E.
11.10	Trail bears N.E. and S.W.
26.50	Ascend gentle N. W. slope
30.00	Top of ascent on N. face low hills.
40.00	Deposit marked limestone 12 ins in the ground for N.E. Cor. of claim. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and 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 sq 12 ins in the ground, marked. J. A. L. on S.W. face
	Land rolling Soil sandy 3rd & 4th rate Vegetation Sand grass.

	S. on E. bdry
	Ascend N. face hills.
12.00	Top of ascent thence over rolling ground.
33.00	Descend into depression.
40.00	Set temp S.E. Cor.
	Land rolling Soil sandy 3rd & 4th rate Vegetation. Sand grass.

	From S.W. Cor. S. run
	E. on S. bdry.
	Over level valley
9.85	Trail bears N. 20° W. and S. 20° E.
22.00	Ascend W. slope hills.
25.00	Top of ascent 40 ft. over rolling ground.
33.00	Descend into depression.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
40.00	Intersect E. bdry at temp Cor. Deposit marked limestone 12 ins. in the ground for S.E. Cor. of Claim dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked J. A. L. on N. W. face
	Land level and rolling
	Soil sandy 2nd and 3rd rate.
	Vegetation meadow and sand grass.

Sec. 53

Survey T.C. of Kate J. Clark 160 acres in Secs. 25 and 36 and Secs. 30 and 31 in R. 46 W. The N.E. flat mud and pit being shown me by Robert Graham which old Cor. bears S. 66°36' E. 17.27 chs. dist from the ¼ Sec. Cor. on E. bdry of Sec. 25. Latitude S. 6.84 chs. Departure E. 15.86 chs. being 15.88 E. of range line. At this point

From this old Cor. Iron

S. on E. bdry

Descend gently over rolling ground.

5.70	Enter alkili basin - dry bed.
26.00	Leave basin thence over rolling valley.
40.00	Set temp S.E. Cor. of Claim
	Land, rolling and level
	Soil sandy and alkili 3rd rate
	Vegetation sand and alkili grass

From old Cor. flat mound with pits N. and S. - Iron

W. on N. bdry.

Over rolling ground, sloping gently to S.

38.80	Enter dry bed alkili lake.
40.00	Deposit marked limestone 12 ins. in the ground for N. W. Cor. of Claim - dig pits 18x18x12 ins. S. 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 ground, marked K. J. C. on S.E. face
	Land rolling - Soil sandy and alkili 2nd & 3rd rate.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
	S. on W. bdry
	In alkili basin
1.10	Leave alkili basin, thence over rolling valley.
14.50	Ascend gently N.E. slope
30.00	Top of ascent on E. face low hills.
37.00	Wire fence bears N. W. and S.E.
40.00	Deposit marked limestone 12 ins. in the ground for S.W. Cor. of Claim - dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
	K. J. C. on N.E. face
	Land, level and rolling
	Soil sandy and alkili 3rd rate
	Vegetation, sand grass.

	E. on S. bdry
	Over rolling ground.
5.85	Wire fence, bears N. 55° W. and S. 55° E.
11.50	Descend gently.
26.00	Enter level valley.
40.00	Intersect E. bdry at temp Cor. Deposit marked limestone 12 ins. in the ground for S.E. Cor. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	K. J. C. on N. W. face
	Land, level and rolling.
	Soil sandy 2nd and 3rd rate
	Vegetation, sand grass
	December 27 1900.

Sec. 54

Survey H.E. of Clarence Snedaker 120 acres in Secs. 22, 23, 26 and 27 owned by Robert Graham a post is shown me by Mr. Graham as the middle point on the S. bdry of this claim

Claim Lines of T. 22 N. R. 47 W. Continued.

Chains

which post is old Cor. bears N. 16 24' E. 11.70 chs. dist from the ¼ Cor. bet. Secs. 26 and 27. Latitude N. 11.22 chs Departure E. 3.32 chs. being 2.29 chs. E. from Section line at this point. From this old Cor. I run
West on S. bdry bet. Graham and Owens.
Over rolling valley.
13.40 Trail. bears N. 20° E. and S. 20° W. ascend gentle S.E. slope.
16.30 Low ridge
20.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. claim and N.W. Cor. E. 40 acres N.E. of Edward L. Owens. dig pits 18x18x12 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.
R. G. on N. E. face. and
E. S. O. on S. E. face

Land rolling
Soil sandy 3rd rate.
Vegetation. Sand grass.

From the old Cor. heretofore described I run
E. on S. bdry of E. 40 acres of claim
Over rolling valley.
5.00 Enter S. end dry bed. "Storm Lake."
18.00 Leave lake bed. ascend gully.
19.60 Trail. bears N.E. and S.W.
20.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
R. G. on N. W. face

Land level and rolling
Soil sandy and alkali 3rd rate
Vegetation sand & alkali grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

N. on E. bdry.
Over rolling ground.
0.40 Trail bears N.E. and S.W.
3.00 East edge dry bed "Storm Lake"
14.08 Wire fence bears S. 80° W. and N. 80 E.
15.00 Leave lake bed. thence over rolling valley.
20.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. S. part of claim and the S.E. Cor. E. part of N.E. of Samuel F. Clark owned by Robert Graham dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
R. G. on N. W. and S.W. faces.

Land, valley
Soil sandy and alkali 3rd rate
Vegetation, sand and alkali grass.

W. on N. bdry E. 40 acres bet. Snedaker and Clark claims
Over wet valley land.
20.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. N. 40 acres of claim and S.W. Cor. S. 40 acres of Clark claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
R. G. on N. W. and N.E. faces

Land level
Soil sandy 2nd rate
Vegetation meadow grass

N. on E. bdry N. 40 acres bet. Snedaker and Clark claims
Over level valley land.
7.50 Trail runs E. and W.
20.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. N. N. 40 acres on N. W. Cor. S.E. 40 acres of Clark claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
	dist. and 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. sq. 12 ins. in ground, marked.
	R. G. on S.W. and S.E. faces.
	This Cor. bears N. E. chs. dist. from the
	Cor. of Secs. 22, 23, 26 and 27 Latitude N. 11.22 chs.
	Departure E. 3.20 chs. Grahams House bears S. 68° 45' E. about 12 chs. dist.
	Land level.
	Soil sandy 2nd rate.
	Vegetation. Course meadow grass.

dist. omission occurs in the original field notes.

	W. on N. bdry. bet. Luedaker and Clark.
	Over level meadow land wet.
20.00	Deposit marked limestone 12 ins. in the ground for N.W. Cor. of Claim dig pits 18x18x12 ins. S. 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.
	R. G. on S.E. face
	Land level
	Soil sandy 2nd rate
	Vegetation course meadow grass.

	S. on W. bdry
	Over level meadow
7.60	Trail bears N.W. and S.E. ascend low hills
10.50	Top of ascent, 30 ft. over low broken hills
21.35	Wire fence bears N. 100 W. and S. 10° E.
39.93	Wire fence N. 80° W. and S. 80° E.
40.00	The S.W. Cor. of Claim
	Land level, rolling and broken
	Soil sandy 2nd and 4th rate
	Vegetation sand and meadow grass.

S. 52 Sec. 52

Survey of H.E. of Samuel F. Clark 160 acres in Secs. 22 and 23 owned by Robert Graham

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
	The S.E. Cor. the S. bdry S.E. 40 acres the W. bdry of S.E. 40 acres and the E. ½ S. bdry N.W. 80 acres of Claim being described in field notes of the Survey of Claims Luedaker H.E. from the S.E. Cor. here before described I run
	N. on E. bdry.
	Over valley land.
13.17	Wire fence runs N. 30° W. and S. 30° E.
13.50	Trail along fence
14.55	Corral fence
16.74	Corral fence runs N. 50° W. and S. 50° E.
16.90	S.W. Cor. of Grahams Cattle shed.
18.00	Ascend S.W. slope low hills
27.92	Wire fence bears N. 25° W. and S. 25° E. thence over rolling ground on top of low hills.
40.00	Deposit marked limestone 12 ins. in the ground for N.E. Cor. of Claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked.
	R. G. on S.W. face
	Land level and rolling
	Soil sandy 2nd and 3rd rate
	Vegetation sand and meadow grass.

	W. on N. bdry.
	Over low hills.
7.15	Wire fence N. 25° W. and S. 25° E. descend gently over broken ground.
26.00	Bottom descent over rolling hills.
27.50	Trail bears N.W. and S.E. ascend S.E. slope
41.00	Top of ascent on S. face sand bluff.
44.50	Ridge N. and S. descend.
58.80	Trail bears N. and S. at bottom descent, ascend gently.
60.00	Deposit marked limestone 12 ins. in ground for N.W. Cor. of Claim dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

Claim Lines of T. 22 N. R. 47 W. Continued.

Chains	
	In E. pit drive an Oak stake 2 ft long 2 ins. sq 12 ins. in the ground, marked R. C. on N.E. face Land, rolling and broken Soil sandy 3rd & 4th rate Vegetation. Sand grass.
	From W. bdry. Descend gently
20.0.	Bottom, descent in N. W. Cor. of valley - ascend.
3.89	Wire fence runs N. 30° W. and S. 30° E.
9.90	Top of ascent on ridge about E. and W. thence over broken ground and ridges.
20.00	On E. face bluff set temp. Cor. Land, rolling and broken Soil sandy 3rd & 4th rate Vegetation. Sand grass.
	From the S.E. Cor. of W. 40 acres of claim established in Survey of Snediker claim I run W. on S. bdry. W. 40 acres. Over level meadow.
3.00	Leave level land, ascend sandy
3.70	Trail bears N. W. and S.E.
6.37	Wire fence bears N. 0° W. and S. 10° E. ascend over broken ground and sand bluffs.
20.00	The temp. S.W. Cor. deposit marked limestone 12 ins. in the ground for S.W. Cor. of claim 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 On N. pit drive an Oak stake 2 ft long 2 ins. sq 12 ins. in ground, marked R. C. on N.E. face Land level and broken Soil sandy 3rd & 4th rate Vegetation meadow and sand grass.

Claim Lines of T. 21 N. R. 47 W. Continued.

Chains	Sec. 57
	Survey of T.C. of Frank B. Doorah. 160 acres in Secs. 26, 27, 34 and 35. owned by Victor E. Cvalt The N.E. Cor. as claimed by Mr. Cvalt and Mr. Owen as his S.E. Cor which old Cor. is a stake in flat mound from this old Cor. I run S. on E. bdry. Over rolling valley land.
20.00	Deposit marked limestone 12 ins. in the ground for N.E. Cor of claim dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft base 1½ ft. high over dep sit. On N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked V. E. C. on N. W. face This Cor. bears S. 8° 37' E. 8.88 chs. dist from the Corg Secs. 26, 27, 34 and 35. Latitude S. 8.78 chs. Departure E. 1.33 Land, rolling valley Soil sandy 2nd rate Vegetation. Sand grass
	W. on S. bdry. Over rolling valley.
11.48	Trail bears N. 10° W. and S. 10° E.
20.00	Deposit marked limestone 12 ins. in ground for N.E. Cor. S. 81 acres of H.E. of Frank Vaughn this being the point claimed for said Cor. by the representative of this claim - I dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit On S. pit drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked L. V. on S.W. face Thence bet. Cvalt and Vaughn
40.00	Set temp S.W. Cor of claim Land rolling valley Soil sandy 2nd rate Vegetation. Sand grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
	From old N.E. Cor. I run
	W. on N. bdry. bet. Covalt and Owens.
	Over rolling valley land.
15.42	Wire fence runs N. and S.
40.00	Deposit marked limestone 12 ins. in the ground for N.W. Cor. of claim and the N.E. Cor. of S.W. portion of H.E. of Owens - dig pits 18x18x12 ins. S. 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 ground, marked.
	V.E.C. on S.E. and
	E.S.O. on N.W. faces
	Land, rolling valley.
	Soil, sandy 2nd rate
	Vegetation Sand-grass.
	S. on W. bdry bet. Covalt and Owens.
	Over rolling valley land.
20.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor. S.W. 40 acres Owen H.E. and N.E. Cor. of N. 80 acres of Frank Vaughn H.E. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
	E.S.O. on N.W. and
	S.V. on S.W. faces.
40.00	Intersect S. bdry at temp. S.W. Cor. deposit marked limestone 12 ins. in the ground for S.W. Cor. of claim dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. This Cor. is also the S.E. Cor. of N. 80 acres of Vaughn Claim.
	In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
	V.E.C. on N.E. and
	S.V. on N.W. face.
	Land, rolling valley.
	Soil sandy 2nd rate

Claim Lines of T. 22 N. R. 47 W. Continued

S. 58.

Sec. 58

Chains	
	Survey of H.E. of Frank Vaughn 160 acres in Secs. 27 and 34. The N.E. Cor. S. 80 acres and the N.E. and S.E. Cors. of N. 80 acres being established in Survey of Doorah T.C. from the N.E. Cor. N. 80 acres I run
	W. on N. bdry bet. Vaughn and Owens.
	Over rolling valley land.
18.00	Ascend gently over low hills
25.78	Line claimed by Edward S. Owens and Victor E. Covalt owned by William C. Davidson T.C. as the line agreed upon and cultivated to between the claims mentioned as also the E. bdry of the Charles A. Henry H.E. therefore at this point I deposit a marked limestone 12 ins. in the ground for S.W. Cor. of Owen H.E. and the S.E. Cor. of N. part of Davidson T.C. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
	E.S.O. on N.E. and
	V.E.C. on N.W. face
29.00	Leave low hills over rolling valley.
40.00	Deposit marked limestone 12 ins. in the ground for N.W. Cor. of claim and S.W. Cor. E. 40 acres of Davidson T.C. dig pits 18x18x12 ins. S. 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.
	S.V. on S.E. and
	V.E.C. on N.E. faces.
	Land level and rolling
	Soil sandy 2nd and 3rd rate
	Vegetation, sand, grass.
	S. on W. bdry
	Over valley land
15.00	Ascend gently S. slope
20.00	Deposit marked limestone 12 ins. in the

Claim Lines of T. 22 N., R. 47 W. Continued

Chains

ground for SW. Cor. of claim dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
F. V. on N. E. face
This Cor. bears S. 8.33' E. 8.93 Chs. dist. from the Cor. of Secs. 27, 28, 33 and 34 Latitude S. 8.83 Chs. Departure E. 1.33 Chs.

Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation, sand grass.

S. on S. bdry.
Descend gently.
8.00 Enter rolling valley -
20.00 Deposit marked limestone 12 ins. in the ground for N. W. Cor. S. 80 acres of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
L. V. on S. E. face

Land level and rolling
Soil sandy 3rd rate
Vegetation Sand grass.

S. on W. bdry S. 80 acres
Over rolling valley land
20.00 At temp. SW. Cor. S. 80 acres of claim

Land rolling valley
Soil sandy 2nd rate
Vegetation Sand grass.

From the N. E. Cor. of S. 80 acres established in survey of Dorrah T.C. I run
S. on E. bdry. S. 80 acres.

Claim Lines of T. 22 N., R. 47 W. Continued.

Chains

Over rolling valley land.
17.00 Ascend low hills very gently.
20.00 Deposit marked limestone 12 ins. in the ground for S. E. Cor. of claim dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
F. V. on N. W. face

Land rolling valley
Soil sandy - 2nd rate
Vegitation, sand grass.

W. on S. bdry.
Over rolling valley land.
40.00 Intersect W. bdry at temp. Cor. deposit marked limestone 12 ins. in the ground for SW. Cor. of claim dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
L. V. on N. E. face

Land rolling valley
Soil sandy 2nd rate
Vegetation Sand grass
December 28, 1900.

S. 56

Sec. 56

Survey H. E. of Edward S. Owen. 160 acres in Secs. 26 and 27. Part of the N. bdry all of the S. bdry the SW. and the SE. Corners being established and described in the field notes of the Survey H. E. of Sudaker T.C. of Dorrah and the H. E. of Vaughn. - From the SE. Cor. as claimed by Mr. Owen.
I run
N. on E. bdry.
Over rolling valley
7.64 Trail bears E. and W.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
20.00	Intersect the S. bdry of H. E. Snedaker at a post 17.92 chs. E. of the S.W. Cor. thereof. Deposit marked limestone 12 ins. in the ground for N.E. Cor. of claim dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked.
	E. S. O. on S.W. face
	Land, rolling valley
	Soil sandy 2nd rate
	Vegetation. Sand grass.

The area of that part of claim lying S. of the Snedaker claim will be 17.92 chs. x 20.00 = 35.84 A. that part of the claim lying W. of the Doorah claim will contain an area of 25.78 chs. x 20 = 51.56 acres making an aggregate of 87.40 acres. 160.00 - 87.40 = 72.60 acres. The distance from the S.W. Cor. of Snedaker claim to a point N. of the S.W. Cor. of Owen claim is (40 + 25.78) = 65.78 - 17.92 = 47.86 chs. the width of the land N. of the Doorah claim to make 72.60 acres will therefore be 72.60 ÷ 47.86 = 15.17 chs. the width of the claim on W. bdry will therefore be 20 + 15.17 = 25.17 chs. from the S.W. Cor. I therefore run N. on W. bdry bet. T.C. of Davidson, owned by Victor E. Covalt and Owen

Over rolling valley.

12.45 Trail, bears N. 35° E. and S. 35° W.

20.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. T.C. Davidson owned by Covalt and the S.E. Cor. H. E. Charles A. Henry. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

In W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.

V. E. C. on S.W. and

C. A. H. on N. W. face

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
26.00	Ascend low hills -
29.52	Wire fence, bears E. and W.
35.17	E. face low bluff. Deposit marked limestone 12 ins. in the ground for N. W. Cor. of claim dig pits 18 x 18 x 12 ins. S. 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.
	E. S. O. on S.E. face
	Land, level and rolling.
	Soil sandy 2nd and 3rd rate
	Vegetation, sand grass.

E. on N. bdry.

Over low broken hills.

Descend

2.00	Depression - ascend.
18.00	Descend S.E. slope
22.26	Wire fence runs N. E. and S. W.
24.00	Neck of valley extends S. W.
25.24	Garden fence runs N. E. and S. W. [illegible]
28.75	fence - bears N. W. and S.E. ascend gently.
29.94	fence - runs N. W. and S.E.
32.50	Point 1 ch. N. of Owen's house
33.90	Wire fence runs N. 20° W. and S. 20° E.
36.00	Wire fence runs N. 80° E. and S. 80° W. Descend.
40.00	N. edge valley - thence over rolling ground.
47.86	Set temp. Cor.
	Land, rolling and broken
	Soil sandy 3rd and 4th rate
	Vegetation, sand grass.

From the S.W. Cor. Snedaker claim I run S. on W. bdry E. part of Owen claim.

Descend gently.

4.83 Intersect N. bdry claim at temp. Cor. Deposit marked limestone 12 ins. in the ground for N.E. Cor. N. fractional part of claim dig pits

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
E. P. C. on S. W. face

Land rolling
Soil sandy 3rd rate
Vegetation sand grass.

S. 60

Sec. 60

Survey of M.C. of William C. Davidson. 160 acres in Secs. 27, 28, 33, and 34 corrected by Victor E. Cratt. The N.E. and S.E. corners of the N. portion being established in the survey of Edward S. Owens. H.C. a line or a approximate point having been agreed upon for the N.W. Cor. of this claim by Cratt and Henry - which N. bdry of Davidson claim bears N. 89°07' W. being the agreed line between the claims, but no definate point for the N.W. Cor. of the Davidson claim being established I survey the claim for an area as follows. at a point 40 chs. N. from the S.E. Cor. of claim said point is Cor. being 25.78 chs. N. from the N.W. Cor. of N. 80 acres of the Vaughn claim. I establish a Corner for the N.W. Cor. of the S. 40 acres of claim - which S. 40 acres has for its length 25.78 chs. its width will therefore be 40.00 ÷ 2.5-78 = 15.5-2 chs. therefore at a point on N. bdry of N. 80 acres of Vaughn claim 4.48 chs. dist from the S.W. Cor. thereof. I deposit marked limestone 12 ins. in ground for S.E. Cor. of S. 40 acres of claim. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit. In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
V.E.C. on N.W. face from this Cor. I run
N. on W. bdry - S. 40 acres of claim
Ascend gently S.E. slope.

19.00 Top of ascent - 30 ft. descend gently
25.78 Deposit marked limestone 12 ins. in ground for S.W. Cor. S. 40 acres of claim. dig pits 18x18x12

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
V.E.C. on N.E. face

Land, rolling
Soil, sandy 3rd rate
Vegetation, sand grass.

N. on W. bdry
Over low hills.

5.00 Descend gently.
8.30 Enter level valley
10.80 Trail, bears N. 55° E. and S. 55° W.
15.52 Deposit marked limestone 12 ins. in the ground for N.W. Cor. S. 40 acres. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and 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. sq. 12 ins. in the ground, marked
V.E.C. on S.E. face

Land, level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand grass

The bearing of the N. bdry of this claim being S. 89° 07' E. the Latitude for 40 chs. will be 62 chs. N. therefore from the N.W. Cor. of the S. 40 acres of this claim to the N. bdry will be the width of the claim at E. end. + the Latitude of the N. bdry for 40 chs. is 20.62 chs. the average or mean width will be 20.31 chs. x 40 its length = 81.24 acres + 40 = 121.24 acres by calculation in this claim East of a line 40 chs. dist W. from E. bdry leaving a deficiency of 160 - 121.24 = 38.78 chs. to be surveyed to the N. portion of this claim to make this calculation. I proceed as follows. The E. bdry of the tract is by calculation westerly 2

Claim Lines of T.22 N. R. 47 W. Continued

Chains

chs. the length of this 38.78 acres from E to W is approximately 19 chs. making the average width about 20.75 chs. 38.76 ÷ 20.75 is approximately 18.70 chs. I proceed to make this calculation in the field by running a random line as follows — from the S.E. Cor. of this W. 40 acres heretofore described I run W. on a random line

18.70 Set temp Cor.
from this temp. Cor. I run
North on a random line
20.94 Intersect the S. bdry of the Henry claim.
To make my correction for area I proceed:-
20.94 N. bdry + 20.00 E. bdry = 40.94 ÷ 2 = 20.47 average width, the distance from E bdry to the W. temp. bdry being 58.70 - the area will be 58.70 × 20.47 = 120.16 acres being an excess in N. part of claim of 16/100 acre.. the length of the N. bdry being 20.94 chs. the width would be 16 ÷ 20.94 = 8 lks. therefore the length of the S. bdry of the N. portion of claim should be 18.70 - .08 = 18.62 chs. from the S.E. Cor. I run
N. on S. bdry N. portion of claim
Over valley land
8.00 Ascend gently over low hills.
10.50 Point 4 chs. S. of house over rolling ground.
18.62 Deposit marked limestone 12 ins. in the ground for S.N. Cor. of claim, dig claim. 18 1811 2 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
V. E. C. on N. E face

Land, level and rolling
Soil sandy 2nd & 3rd rate
Vegetation, sand grass.

N. on W. bdry
Over rolling ground
8.00 Enter meadow land
20.94 The N. W. Cor. of claim deposit plow iron

Claim Lines of T.22 N. R. 47 W. Continued

Chains

12 ins. in ground for N. W. Cor. of claim, dig pits 18 & 18 1/2 ins. S. 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
V. E. C. on S.E. face

Land, level and rolling
Soil sandy 2nd & 3rd rate
Vegetation, sand grass.

The N.E. Cor. being plainly visible I run S.89° 07' E. on a true line bet. Covalt and Henry. Over level valley land.
58.62 The N.E. Cor. of claim.

Land level
Soil sandy 2nd & 3rd rate
Vegetation, short meadow grass

Sec. 59

Survey of H.E. of Charles Henry 160 acres in Secs. 27 and 28. Part of the S. bdry being described in Survey of Davidson T.C. and part of the E bdry being described in the Survey of Owen H.E.
I survey the claim for area as follows.
making the length of claim from E to W 80 chs. and all lines true E and W. and N and S except bdry bet. Covalt and Henry the Latitude of which bdry is 94 lks. Departure 58.62 chs. which will contain 58.62 × .47 lks. its mean or average width = 2.75 acres 160.00 - 2.75 = 157.25 acres ÷ 80. chs length = 1.9.66 width The S.E. Cor. of claim bears S.60° 11' E. 17.79 chs. dist from ¼ Sec. Cor. bet. Secs. 27 and 28 Latitude S. 8.88 chs. Departure E. 15.46 chs. bring 15.46 E. from Sec. line and ¼ Cor. being N. 8.60 chs. from point of intersection.
The E bdry of claim will be 0.94 chs. + 19.66 = 20.60 therefore from the N. W. Cor. of H.E. of Owen I run

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

N. on E. bdry.

Descend

1.00 Bottom in depression.

5.43 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim, reng 20.00 ch. N. from S.E. Cor. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and 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. sq. 2 ins. in the ground marked

L.C. S. on S.W. face

Land rolling and broken
Soil sandy, 4th rate
Vegetation sand grass and brush

From N. bdry. Over low ridges and broken ground.

2.50 Ascend E. slope ridge.

3.50 Low ridge over broken ground

72.50 Descend S.W. slope gradually.

80.00 Set temp. S.W. Cor.

Land rolling and broken
Soil sandy 4th rate
Vegetation sand brush and grass

From the N.W. Cor. S.E. of Davidson which is N. 27.62 chs. dist from E. bdry. Drum
From E. bdry. W. part of claim.
Over meadow land.

10.00 Enter low hills

13.00 Trail bears N. and S.

2.50 Deposit marked limestone 12 ins. in the ground for S.W. Cor. of Claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft base, 1½ ft. high over deposit

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

L.C. S. on N.E. face

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

N. on W. bdry
Over low hills.

4.00 Descend

8.00 Bottom in valley S.E. and N.W.

10.55 Trail to Alliance runs N. W. and S.E.

18.33 Wire fence, runs N. W. and S.E. ascend gently.

19.66 Intersect N. bdry at temp Cor. Deposit iron pump drum 12 ins in the ground for N.W. Cor. of claim dig pits 18x18x12 ins. S. 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

L.C. S. on S.E. face

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation sand grass

Sec. 51

Survey S.E. of John Martin, 160 acres in Secs 2 and 29 owned by Victor Coralt.

The old S.E. Cor which is a stake in flat mound as shown and represented by Mr. Coralt as being the original location Cor. which Cor. bears S. 16° 14 E. 10.59 chs. dist from the Sec. Cor. bet Secs 2 and 29

Latitude S. 2.76 chs. Departure E. 10.17 chs. Deposit marked limestone 12 ins. in the ground in place of stake for S.E. Cor. of claim dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft base 1½ ft high over deposit.

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

V.E.C. on N.W. face Thence I run

West on S. bdry.

Over rolling ground

3.00 Ascend over ridges and broken ground

23.00 Wire fence runs N. W. and S.E.

36.50 Top of ascent on ridge runs N. and S. thence over broken ground

40.00 Set temp. S.W. Cor.

Land rolling and broken Soil sandy 3rd and 4th rate

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

From the old S.E. Cor. I run
N. on E. bdry
Over rolling valley land
11.50 Trail bears N. N. and S.E. to Williams.
16.00 Ascend S.W. slope - low hills.
18.00 Top of ridge ascent 30 ft. on N. fork low ridge thence over rolling hills ascending gently.
40.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. of claim. dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist and 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 sq. 12 ins. in ground, marked.
V.E.C. on S.W. face

Land, rolling and broken
Soil sandy 2nd and 4th rate
Vegetation. sand grass.

West on N. bdry.
Over broken ground on S. face of hills.
8.75 Descend
4.00 Enter rolling valley land
30.30 Trail bears N. N. and S.E.
40.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. of claim. dig pits 18 x 18 x 12 ins. S. 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.
V.E.C. on S.E. face

Land, rolling and broken
Soil sandy 2nd and 4th rate
Vegetation. Sand grass.

S. on N. bdry
Over level valley land
12.00 Ascend gentle N.E. slope
16.15 Wire fence runs N. W. and S.E.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

26.00 Ascend broken N.E. slope
30.00 Top of ascent 60 ft. above valley thence over broken ground
40.00 Intersect W. bdry. at temp. Cor. Deposit marked limestone 2 ins. in the ground for S.W. Cor. of claim 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 N. pit drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked
V.E.C. on N.E. face

Land level and broken
Soil sandy 2nd and 4th rate
Vegetation short meadow grass and grass
December. 29. 1900.

S. 49

SEC. 49.

Survey P.C. of Edward Hague 160 acres in Secs. 14 and 15. owned by Robert Graham. From the N.E. Cor. being also the S.E. Cor. of H.E. of Eliza J. Hicks, which Cor. is a leader for said by Graham and Hague to be the old established Corner which old Cor. bears S. 70° 59' E. 75.67 chs. dist from the Cor. of Secs. 10, 11, 14 and 15. Latitude S. 8.95 ch. Departure E. 24.22 ch. being E. 24.24 from Section at this point. In place of old stake Deposit marked limestone 12 ins. in the ground for N.E. Cor. Claim dig pits N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft base 1½ ft. high over deposit
In N. pit, drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked
R.G. on S.W. and
E.J.H. on N.W. face I run
W. bet. Hague and Hicks claim
Over rolling ground on N. edge of valley.
5.43 Wire fence runs N. 88° W.
22.00 Hicks house 1 ch. N.
40.00 Deposit marked limestone 12 ins. in the ground for N.W. Cor. of claim being also the S.W. Cor. of the N. 80 acres of Hicks Claim dig pits 18 x 18 x 12 ins. S. and E. of Cor. 4 ft. dist and raise a mound

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

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 ground, marked
R. G. on S.E. and
E. J. H. on N.E. faces

Land, level and rolling
Soil sandy 2nd & 4th rate
Vegetation meadow grass, sand grass.

From N. bdry. bet. Hague and Hicks.
Over rolling ground on N. edge of meadow.
20.00 Deposit marked limestone 12 ins. in the ground for
S.E. Cor. of 40 acres of Hicks claim. dig pits 18x18x12
ins. N. and W. of Cor. 4 ft dist. and raise a mound of
earth 3½ ft. ft base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft long 2 ins. sq. 12 ins.
in the ground, marked
E. J. H. on N. W. face
30.00 Ascend N.E. gradual slope of range
44.00 Top of ascent thence over rolling ground on E. face
of hills
53.90 Wire fence bears N.W. and S.E.
60.00 Set temp. S.W. Cor. of claim
Land, level, rolling and broken
Soil sandy 2nd & 4th rate
Vegetation, meadow grass, sand grass.

From the old N.E. Cor. of run
Line E. bdry
Over rolling valley land
0.06 E. end of wire fence runs N. 88° W.
15.33 Trail bears N.E. and S.W.
17.20 Wire fence runs E. and W.
20.00 Deposit marked limestone 12 ins. in the ground for
N.E. Cor. of 40 acres of claim. dig pits 18x18x12 ins. N.
and W. of Cor. 4 ft. dist. and raise a mound of earth
3½ ft. base 1½ ft high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

12 ins. in the ground, marked
R. G. on N. W. face

Land level and rolling
Soil sandy 2nd & 4th rate
Vegetation, sand grass.

W. on S. bdry. of E. 40 acres
Over rolling ground.
2.41 Wire fence runs N. and S.
2.60 Trail along fence. enter S. edge of old abandoned
plowing - ascending gently.
18.00 Top of Gentle ascent On N. face low hills.
20.00 Deposit marked limestone 12 ins. in the ground
for S.W. Cor. E. 40 acres of claim - dig pits 18x18x12 ins.
S. and E. of Cor. 4 ft. dist and raise a mound of earth
3½ ft. 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
R. G. on N.E. face

Land rolling
Soil sandy 2nd & 3rd rate
Vegetation. Sand grass.

S. on E. bdry S. 80 acres
Over rolling ground in old plowing
0.80 Leave plowing runs E. and W.
10.00 Descend gently.
15.00 Bottom descent thence over rolling valley.
29.00 Trail runs N.E. and S.W.
40.00 Deposit marked limestone 12 ins. in the ground
for S.E. Cor. of claim - dig pits 18x18x12 ins. N. and W.
of Cor. 4 ft. dist. and 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. sq.
12 ins. in the ground, marked
R. G. on N. W. face

Land rolling
Soil sandy 2nd & 3rd rate
Vegetation, sand grass.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

West S. bdry.
Over rolling ground
3.30 Wire fence runs N. 80° W. and S. 80° E.
8.22 Trail runs N. and S.
9.04 Wire fence runs S. 10° E. and N. 10° W.
.00 Ascend abrupt E. slope
19.00 Top of ascent 100 ft. on E. face hills.
20.00 Intersect W. bdry at temp. Cor. deposit marked limestone 12 ins. in the ground for S. W. Cor. of Claim. dig pits 18 x 18 x 12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins in the ground, marked
R. G. on N. E. face

Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation sand grass

S. 47

Sec. 47

Survey of H. E. of Eliza J. Hicks. 160 acres in Secs 10, 11, 14 and 15 the S. E. Cor. the S. bdry E. 80 acres and the E. bdry of S. 40 acres and the S. E. Cor. of S. 40 acres being described in field notes of Edward Hague T. C. from the S. E. Cor. of N. 80 acres. I run

Error in original notes "E"

[illegible]
Over rolling ground
7.50 Ascend S. slope low hills
12.25 Top of ascent 40 ft. on low sand bluff. thence over broken ground
20.00 Deposit marked limestone 12 ins. in ground for N. E. Cor. of Claim, dig pits 18 x 18 x 12 ins. Sand W. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
E. J. H. on S. W. face

Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

West on N. bdry.
Over ridges.
6.00 Low ridge, thence over broken ground on low hills
60.00 Set temp Cor.

Land broken
Soil sandy, 4th rate
Vegetation, Sand grass.

From the S. E. Cor. of S. 40 acres, established in Survey of Edward Hague T. C. I run
West S. bdry.
Over meadow land
10.00 Ascend E. slope gradually.
14.88 Wire fence N. 15° W. and S. 15° E.
20.00 On N. face hills, deposit marked limestone 12 ins. in the ground, for Sec. Cor. of Claim, dig pits 18 x 18 x 12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
E. J. H. on N. E. face

Land, level and rolling
Soil, sandy 2nd and 3rd rate
Vegetation, meadow and sand grass.

N. on W. bdry
Descend gently along N. E. slope
10.00 Bottom descent, ascend S. slope over broken ground.
27.01 Top of ascent on E. face bluffs. descend.
28.75 Wire fence N. 15° W. and S. 15° E. thence over low broken hills.
40.00 Intersect N. bdry at temp Cor. deposit marked limestone 12 ins. in the ground for N. W. Cor. of Claim dig pits 18 x 18 x 12 ins. Sand E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In E. pit drive an Oak stake 2 ft. long 2 ins.

Claim Lines of T. 22 N. R. 47 W. Continued

Claims

12 ins. in the ground, marked
E. J. H. on S.E. face

Land, rolling and broken
Soil sandy 4th rate.
Vegetation. Sand grass.

Sec 48

Survey of T.C. of Robert Graham 160 acres in Secs. 1, 12-22-47 and Secs. 7 and 18 in T. 22 N. R. 46 W. owned by Alonzo Hague - The N.E. Cor. of this Claim is shown by Mr. Hague, being a fence post in mound and represented to be the old original location Cor. From this Cor. which bears S. 70°21' E. 22.99 chs. dist from the ¼ Sec. Cor. on E. bdry Sec. 12. Latitude S. 7.73 chs. Departure E. 21.65 chs. being E. 21.67 chs. from Range line at this point. Irun.
S. on E. bdry. of claim.
Over rolling valley land on E side of fence
9.30 Enter dry bed alkili lake
15.25 Leave lake bed.
37.50 Ascend gently.
40.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim, dig pits 18x18x12 ins. N and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
A. H. on N. W. face

Land, rolling
Soil sandy and alkili 3rd rate
Vegetation, sand and alkili grass

W. on S. bdry.
Over rolling ground. N. gentle slope
3.13 Wire fence runs N. and S.
7.00 Descend gently.
14.00 Bottom descent enter rolling valley.
20.00 Deposit marked limestone 12 ins. in the ground for

Claim Lines of T. 22 N. R. 47 W. Continued

Claims

S.W. Cor. of E. part of claim, dig pits 18x18x12 ins. N and E of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
A. H. on N. E. face

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand grass.

N. on W. bdry. S. 40 acres.
Over level land
20.00 Deposit marked limestone 12 ins. in the ground for N. W. Cor. S. 40 acres of claim - dig pits 18x18x12 ins. S and W. of Cor. 4 ft. dist and 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. sq. 12 ins. in ground, marked.
A. H. on S.E. face

Land level
Soil sandy 2nd rate
Vegetation Sand grass.

W. on S. bdry.
Over level valley.
4.00 Ascend S.E. slope
7.50 Top of ascent 30 ft. on S. face ridge, descend.
15.00 Bottom descent thence over rolling ground.
36.00 Enter low hills.
40.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. of claim - dig pits 18x18x12 ins. N and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
A. H. on N. E. face

Land, level and rolling
Soil sandy 2nd and 3rd rate
Vegetation Sand grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

N. on N. bdry.
Over low hills.
4.00 N. and S. rolling valley.
14.00 Leave valley. ascend S. slope low hills.
20.00 On SW. face ridge or low bluff set temp Cor.
Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass.

From the original NE Cor of claims I run
N. on N. bdy.
Over rolling valley land.
11.70 Dry bed alkali lake N. W. and S. E.
17.77 Leave lake bed.
26.00 Deposit marked limestone 12 ins. in ground for
S. E. Cor. Mamie Hague H. E. owned by Alonzo
Hague - dig pits 18x18x12 ins. N. and N. of Cor 4
ft dist and raise a mound of earth 3½ ft. base 1½
ft. high over deposit
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12
ins. in ground, marked
A. H. on N. W. face This Cor. bears S. 12.0 E. 7.90 chs
from ¼ Cor. on E. bdy Sec. 12. Latitude S. 7.73 chs. Departure E. 1.65 chs. or 1.67 from Range line thence bet.
Graham and Hague
28.00 Ascend E. slope low hills.
31.50 Top of ascent 40 ft. thence over N. face low hills.
40.00 Deposit marked limestone 12 ins. in the ground for S.
W. Cor. H. E. Mamie Hague - dig pits 18x18x12 ins.
N. and E. of Cor. 4 ft. dist and raise a mound of earth
3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12
ins. in the ground, marked
A. H. on N. E. face
41.00 Descend N. W. slope.
48.00 Bottom descent.
50.00 Ascend E. slope
59.50 Top of ascent on S. face low bluff.
60.00 Intersect N. bdy - The N. W. Cor. falling

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

on abrupt W. face bluff [illegible]
for Cor. therefore at point 0.78 chs. E. Deposit marked
limestone 12 ins. in the ground for W. Cor. H. E.
Cor. of claim. dig pits 18x18x12 ins. S. 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
A. C. A. H. on S. E. face
Land, level, rolling and broken
Soil, sandy. 2nd and 4th rate.
Vegetation, sand grass.
December 31 1900

S. 38

Sec. 38

Survey H. E. of Mamie Hague 100 acs. in Secs. 1
and 12. T. 22-47 and Sec. 7 T. 22-R. 46 - owned by
Alonzo Hague - From the S. E. Cor. established
in survey T. C. of Graham. I run.
N. on E. bdry.
Over rolling valley land.
6.00 N. W. Cor. alkali basin.
10.60 Leave basin.
31.17 Wire fence bears N. W. and S. E.
40.00 In SW. Cor. of alkali basin Deposit marked lime-
stone 12 ins. in ground for N. E. Cor. of Claim dig pits
18x18x12 ins. S. and W. of Cor. 4 ft. dist and 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. sq.
12 ins. in the ground, marked
A. H. on SW. face
Land, rolling valley.
Soil sandy and alkali 3rd rate
Vegetation sand and alkali grass.

N. on N. bdry 80 acres.
Over rolling valley
5.66 Wire fence bears N. W. and S. E.
20.00 Deposit marked limestone 12 ins. in ground for

162
80

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

N. W. Cor. E. 80 acres of claim dig pits 18x18x12 ins.
N. and E. of Cor. 4 ft. dist. and raise a mound of
earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins.
sq. 12 ins. in the ground, marked.
A. H. on N. W. face

Land rolling valley.
Soil sandy and alkali 3rd rate
Vegetation sand and alkali grass.

N. on E. bdry. N. 40 acres of claim
Over rolling valley land
17.30 Wire fence runs N. W. and S.E.
20.00 Deposit marked limestone 12 ins. in the ground for
N. E. Cor. W. 80 acres of claim dig pits 18x18x12 ins.
S. and W. of Cor. 4 ft. dist. and 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. sq.
12 ins. in the ground, marked.
A. H. on S.W. face

W. on N. bdry.
Over rolling valley land.
2.41 Wire fence runs N. W. and S.E.
10.00 Ascend E. slope hills.
13.00 Top. thence over broken ground.
18.00 Descend into depression
20.00 Set temp Cor.

Land rolling and broken
Soil sandy and alkali 3rd and 4th rate
Vegetation, sand and alkali grass.

From the S.W. Cor. of E. 80 acres of claim established
in Survey Graham T.C. I run
N. on W. bdry.
Descend N. W. slope low hills.
Bottom descent, thence over rolling valley

26.
31.
40.
41.00
48.00
50.00
59.50
60.00

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

20.00 Deposit marked limestone 12 ins in the ground
for S.E. Cor. W. 80 acres of claim dig pits 18x18x
12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12
ins. in the ground, marked.
A. H. on N. W. face

Land rolling.
Soil sandy 3rd rate
Vegetation sand grass

W. on S. bdry.
Over rolling valley.
10.00 Ascend E. slope low hills.
16.00 Top of ascent on low ridge bears N. W. and S.E.
Descend gently.
20.00 Deposit marked limestone 12 ins. in the ground
for S.W. Cor. of claim dig pits 18x18x12 ins. N. and E. of Cor.
4 ft. dist. and raise a mound of earth 3½ ft.
base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins.
in ground marked.
A. H. on N. E. face

Land rolling
Soil sandy 3rd rate
Vegetation sand grass.

N. on W. bdry.
Over low rolling hills.
23.00 Ascend S.E. slope ~
24.00 Top of ascent thence over broken ground ~
29.00 Descend into depression
30.00 Intersect N. bdry at temp Cor. Deposit marked lime-
stone 12 ins. in the ground for N. W. Cor. of claim dig
pits 18x18x12 ins. S. 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.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

sq. 12 ins. in the ground marked
A. H. on S.E. face

Land, rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand and bunch grass

Sec 37

Survey H.E. of Nettie Hague 141.83 acres in Secs. 1 T. 22 R. 47 and Secs. 36 T-23-47 owned by Alonzo Hague the N.E. Cor. of W. 40 acres being marked by what is claimed to be the original Cor. of Tps. 22 and 23 N. R. 46 and 47 W. which is a flat mound with pits N. S.E. and W. 6 ft. dist in which mound there is a ceader post firmly driven marked T. 23 N. S. 31 on N.E. R. 46 W. S. 6 on S.E. T. 22 N. S. 1 on S.W. and R. 47 W. S. 36 on N.W. faces with 6 notches on each edge at a point 3 ft. S. of the ceader post there is an Iron post set by U.S. Geological Survey marked B.M. 3901 on Top. This old Cor. bears S. 68° 46' E. 27.10 chs. dist from the Cor. of Secs. 1, 2, 35 and 36 Latitude S. 9.82 Departure E. 25.26 chs. From this old Cor. I run
N. on W. bdry. E. part of claim
Over level meadow land.

20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. of claim being also the S.W. Cor. of H.E. of George A. Hill, dig pits 18×18×12 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 ground, marked
A. H. on S.E. and
G. A. H. on N.E. face

Land level
Soil sandy 2nd rate
Vegetation, meadow grass

The claim containing 141.83 acres the E. portion being fractional and will contain 141.83 - 40 = 101.83

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

Acres. its length N. and S. being 60 chs. its width will be 101.83 ÷ 60 = 16.97 chs. Therefore I run
E. bet. Hague and Hill
Over level meadow
11.15 Wire fence runs N.W. and S.E.
16.00 Descend
16.50 Enter dry bed alkali basin
19.97 Set temp ~~H.~~ N.E. Cor. of claim
(This should be 16.97. See letter Com. G.L.O., Nov 18 1914 J.B. Com.) on same line "HE" should be "NE"

Land rolling and level
Soil sandy 2nd and 3rd rate
Vegetation sand and alkali grass

From the old Tp. Cor. I run
W. on N. bdry W. 40 acres
Over level meadow
9.40 Trail runs N. and S.
15.00 Ascend E. slope low hills
17.40 Top of ascent, thence over low hills.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. dig pits 18×18×12 ins. S. 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 ground, marked
A. H. on S.E. face

Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation meadow & sand grass

S. on W. bdry
Over low hills ascending gently.
12.75 Descend from low ridge
15.88 Wire fence runs N. 60° W. and S. 60° E. Enter valley.
20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. dig pits 18×18×12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

12 ins. in ground marked
A. H. on N.E. face

Land level and rolling
Soil sandy 3rd rate
Vegetation sand grass.

E. on S. bdry.
Over level land
7.94 Wire fence runs N.W. and S.E. intermeadow.
3.85 Trail bears N. 30° W. and S. 30° E.
20.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of N. 40 acres of claim. dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in ground, marked
A. H. on N.W. face

Land level
Soil sandy 2nd and 3rd rate
Vegetation, sand & meadow grass

S. on W. bdry of S. part of N. portion of claim
Over level meadow
6.25 Trail, runs along fence
6.61 Wire fence bears N.W. and S.E.
7.05 Ascend gently.
14.00 Top of ascent. 30 ft. thence over rolling ground
20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. Claim. 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 N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on N.E. face.

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand & meadow grass.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

E. on S. bdry
Over low hills - ascending gently.
11.50 Descend gently.
14.47 Wire fence runs N.W. and S.E.
15.72 Trail N.W. and S.E.
16.92 Wire fence bears N. and S.
16.97 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
A. H. on N.W. face

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand-grass.

N. on E. bdry.
Over level valley land in old lake bed
21.80 Leave lake bed. ascend very gently.
37.00 Point 3 ft. W. of frame house.
53.50 Top of gentle ascent. descend.
57.00 Bottom descend in W. edge dry bed alkali lake
60.00 Intersect N. bdry at twp Cor. deposit marked limestone 12 ins. in ground for N.W. Cor. of claim being also the S.E. Cor. of H.E. of George A. Hill. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
A. H. on S.W. and
G.A.H. on N.W. faces.

Land level and rolling.
Soil sandy and alkali 2nd & 3rd rate
Vegetation alkali and slough grass

X

Claim Lines of T. 22 N. R. 47 W. Continued

Chains. Sec. 39

Survey H. E. of Francesik Grbluy 160 acres in Secs. 2 and 11 The old Cor of Secs. 1, 2, 11 and 12 being a stake in mound and also the N. W. Cor of the S. W. 40 acres of this claim. this old Cor. bearing S. 68° E. 27.02 chs. dist. from the Cor. of Secs. 2, 3, 10 and 11. Latitude S. 10.13 chs. Departure E 25.06 chs.
From old Cor. I run.
S. on W. bdry.
Over rolling ground.
9.00 Ascend N. E. gradual slope
16.00 Top of ascent N. W. face low hills. descend gently.
20.00 Deposit marked limestone 12 ins. in ground for S. W. Cor. of claim: 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 N. E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked:
F. G. on N. E. face

Land rolling.
Soil sandy 3rd rate.
Vegetation, sand grass.

E. on S. bdry.
Ascend gently.
4.00 Top descend N. E. slope gradually.
14.00 Bottom in valley. N. W. and S. E.
20.00 Deposit marked limestone 12 ins. in ground for S. E. Cor. of claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
F. G. on N. W. face

Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation meadow and sand grass.

N. on E. bdry. S. 40 acres.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

Over rolling ground sloping gently to S. W.
13.00 Top of gentle raise
16.00 Descend gently.
20.00 S. edge valley. deposit marked limestone 12 ins. in ground for S. W. Cor. E. 80 acres of claim, dig pits 18 x 18 x 12 ins. S. 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.
F. G. on N. E. face

Land, rolling.
Soil sandy 3rd rate
Vegetation. sand grass.

E. on S. bdry. E. 80 acres
Ascend gently.
5.00 Top of ascent. 10 ft. descend gently.
11.00 Bottom. Enter rolling valley land.
17.60 Enter alkali basin dry bed of
20.00 Deposit marked limestone, 2 ins. in the ground for S. E. Cor. claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
F. G. on N. W. face

Land rolling
Soil sandy and alkali 3rd rate
Vegetation sand and alkali grass.

N. on E. bdry.
Over rolling valley land.
40.00 Deposit marked limestone 12 ins. in ground for N. E. Cor. of claim. dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist and 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. sq. 12 ins.

Chains

in ground, marked
F. G. on S. W. face

Land, rolling valley.
Soil sandy and alkali 3rd rate
Vegetation, sand grass.

W. on N. bdry.
Over valley land
11.00 Ascend gently over low hills.
20.00 Set temp Cor.

Land level and rolling.
Soil sandy 3rd rate
Vegetation, sand grass

From the old Cor. Secs. 1, 2, 11 and 12, which Cor. is also the S.E. Cor. of John Hague H.E. I run
N. between Gibling and Hague.
Over level ground in dry bed of slough.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. H. 80 acres being also the N.E. Cor. of S. 80 acres of John Hague H.E. dig pits 18x18x12 ins. S. 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 ~
F. G. on S.E. and
J. H. on S.W. faces

Land, level
Soil sandy, 2nd rate.
Vegetation. Slough grass

E. bet. Gibling and Hague ~
Over level ground in N. edge dry bed of slough.
20.00. Deposit marked limestone 12 ins in ground for N.E. Cor. H. 80 acres being also the S.E. Cor. of N. 80 acres of John Hague H.E. dig pits 18x18x12 ins N. & W.

Chains

of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft long ~~2 ft long~~ 2 ins sq. 12 ins in the ground marked.
F. G. on S.E. and.
J. H. on S.W. faces.

Land, level.
Soil sandy 3rd rate.
Vegetation. slough grass

N. bet. Hague and Gibling.
Over level ground in dry bed slough or marsh.
4.00 Leave marsh. chains over rolling ground.
18.00 Ascend gently.
20.00 Intersect N. bdry E. 80 acres. claim at temp cor
Deposit marked limestone 12 ins in ground for N.W. Cor. of Claim and N.E. Cor. N. 80 acres of Hague H.E. dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist and 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 sq. 12 ins in the ground, marked.
F. G. on S.E. and.
J. H. on S.W. faces.

Land, level and rolling
Soil sandy. 2nd and 3rd rate
Vegetation, slough and sand grass
January - 1 - 1911.

SEC. 40

Survey of H.E. of John Hague 160 ans in Secs 2, 3, 10 and 11. The E. bdry the S. bdry of E. 40 acres the N.E. and S.E. Corners being established and described in field notes of the Survey of H.E. of Francish Gibling. ~
From the N.E. Cor of N. 80 acres I run
W. on N. bdry
Over low hills.
1.50 Descend gully
29.70 Trail bears N. and S. thence over rolling ground

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

36.50 Ascend E. slope hills.

40.00 Deposit marked limestone 12 ins. in ground for N. W. Cor. dig pits 18x18x12 ins. S. 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 ground, marked

J. H. on S.E. face

Land, rolling.
Soil sandy 3rd and 4th rate.
Vegetation, sand grass.

S. on W. bdry.

Ascends N.E. slope ridge.

6.00 Top of ascent on ridge thence along E. face hills.

12.00 Descend broken S.E. slope

20.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. of 80 acres. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.

J. H. on S.E. face

Land broken
Soil, sandy 4th rate
Vegetation, sand & bunch grass.

W. on N. bdry W. 40 acres of claim.

0.50 Ascend abrupt E. slope ridge.

2.00 Top of ascent on S. face of ridge. thence over ridges and very broken ground on S. face hills.

20.00 Set temp. N.W. Cor.

Land, rolling
Soil sandy 4th rate
Vegetation, bunch grass

Claim Lines of T. 22 N. R. 47 W. Continued.

S. 40 Continued

Chains

From the old Cor. of Secs. 1, 2, 11 and 12 being the S.E. Cor. of S. 80 acres. Trav

W. on S. bdry.

Over rolling land.

5.00 Ascend N.E. slope gently.

11.00 Top of ascent 30 ft. on N. face low ridge.

13.00 Descend.

16.40 Trail, bears N. and S.

20.00 Enter wet valley land.

40.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. of claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

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

J. H. on N.E. face.

Land, level and rolling
Soil sandy 2nd and 3rd rate.
Vegetation, sand and course meadow grass.

N. on W. bdry

Over level wet valley.

11.00 Ascend S. slope hills gradually.

14.00 Top 40 ft. thence over rolling grounds on S. face range.

20.00 Intersect N. bdry at temp. Cor. Deposit marked limestone 12 ins. in the grounds for N.W. Cor. S. 80 acres dig pits 18x18x12 ins. S. 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

J. H. on S.E. face

Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, course meadow and sand grass.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains (S. 46)

Sec. 46

Survey H.E. of Flora Ch. Stratton 160 acres in Secs. 9 and 16. The old N.W. Cor. point being shown me by Herman E. Smith being also the N.E. Cor. of the Pre. of Asher Carver, owned by Mr. Smith at which point designated I deposit marked limestone 12 ins. in ground for N.E. Cor. Carver Pre. and N.W. Cor. of Stratton H.E. dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist. and 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. sq. 12 ins. in the ground marked.
F.A.S. on S.E. end.
H.E.S. on S.W. face from this Cor. I run
S. bet. Carver and Stratton Claims
Descend gently:
1.00 Wire fence runs N. 80° W. and S. 85° E. enter meadow land —
34.48 Wire fence runs N. 65° W. and S. 65° E. leave meadow thence over rolling ground.
Deposit marked limestone 12 ins. in ground for S.E. Cor. of Carver Pre. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked.
H.E.S. on N.W. face — This Cor. bears N. 17°30' W. 5.89 chs. Latitude N. 5.61 chs. Departure W. 1.80 chs.
44.30 Trail bears N.W. and S.E. ascend low hills
56.00 Top of ascent 30 ft. descend gently.
60.00 Set temp Cor.

Land level and rolling.
Soil sandy 2nd and 3rd rate.
Vegetation, sand and meadow grass.

From N.W. Cor. I run
E. on N. bdry.
Over rolling ground
7.50 Ascend low broken hills.
11.50 Top on N. face low ridge.
14.60 Descend N.E. slope ridge.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

20.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. of Claim — dig pits 18x18x12 ins. Sand W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked.
F.A.S. on S.W. face

Land, rolling and broken
Soil sandy 3rd and 4th rate
Vegetation. Sand grass.

S. on E. bdry.
Ascend out of depression.
5.00 Top of ascent — descend gentle S.W. face.
6.98 Wire fence runs N. 85° W. S. 85° E.
13.00 Low ridge — W. face of — descend gently.
40.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. N.W. 80 acres of Claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
F.A.S. on N.W. face

Land rolling and broken
Soil sandy 3rd and 4th rate.
Vegetation. sand grass.

E. on N. bdry. S.E. 40 acres of claim.
Ascend W. face hills gently.
8.50 Top — thence over rolling ground.
18.00 Descend gently.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. dig pits 18x18x12 ins. Sand W. of Cor. 4 ft. dist. and 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. sq. 2 ins. in the ground, marked.
F.A.S. on S.W. face. Land rolling.
Soil sandy. 3rd rate. Vegetation sand grass.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains	
	S. on E. bdry. S.80 acres.
	Ascend gently.
3.50	Top of ascent, on W. face low hill
9.25	Descend S.W. slope
16.00	Bottom descent in ravine, runs N.W. and S.E.
	Ascend gently.
20.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor. of Claim - dig pits 18x18x12 ins. North of Cor. 4ft. dist and raise a mound of earth 3½ft. base 1½ft. high over deposit.
	In N. pit drive an Oak stake 2ft. long 2 ins. sq. 12 ins. in ground, marked.
	T.A.S. on N.W. face
	Land, rolling hills.
	Soil sandy 3rd rate
	Vegetation, sand grass.

	W. on S. bdry
	Ascend gradual N.E. slope.
0.40	Top of ascent on S. face low hills.
20.65	Bottom descent in neck of valley at trail running N.W. and S.E. Ascend low hills.
26.50	Top of ascent on S. face low hills.
40.00	On S.W. temp Cor. deposit marked limestone 12 ins. in ground for S.W. Cor. Claim. dig pits 18x18x12 ins N and E. of Cor. 4ft dist and raise a mound of earth 3½ ft base 1½ ft high over deposit
	In N. pit drive an Oak stake 2ft long 2 ins sq 12 ins in ground, marked.
	T.A.S. on N.W. face
	Land, rolling hills
	Soil sandy 3rd rate
	Vegetation, sand grass.

S. 45

Sec. 45.

Survey Re. of Asher Carver. 160 acres in Secs. 8 and 9 owned by Herman E. Smith - the N.E. and S.E. Corners and the E. bdry - being described in field

Claim Lines of T. 22 N. R. 47 W. Continued.

Chains	
	notes of the survey of Stratton H.E.
	From S.E. Cor. I run
	W. on S. bdry.
	Over rolling ground.
8.63	Wire fence bears N. 65° E. and S. 65° W.
13.78	Wire fence bears N.W. and S.E.
14.00	Trail - along fence
19.00	Ascend low hills.
21.00	Top of gentle ascent thence over rolling ground
40.00	Set temp. S.W. Cor.
	Land rolling.
	Soil sandy 3rd rate
	Vegetation, sand grass.

	W. on N. bdry. from N.E. Cor heretofore described
	Over low rolling hills - descending
7.08	Wire fence bears N. 80° W. and S. 80° E. over rolling ground -
14.30	Wire fence bears N. 80° E. and S. 80° W.
18.10	Wire fence bears N. 80° W. and S. 80° E.
19.35	E. edge old barn
20.05	Wire fence runs S. from point 2 rds. N. thence over rolling ground
37.00	Descend gently.
40.00	Deposit marked limestone 12 ins. in ground for N.W. Cor. of claim dig pits 18x18x12 ins S and E. of Cor. 4ft. dist and raise a mound of earth 3½ft. base 1½ft. high over deposit.
	In E. pit, drive an Oak stake 2ft. long 2 ins. sq 12 ins in ground, marked.
	H.E.S. on S.E. face
	Land, rolling.
	Soil sandy 2nd and 3rd rate
	Vegetation, sand grass.

	S. on W. bdry
	Over rolling ground
3.75	Trail, bears N.W. and S.E. thence ascend gently over broken ground on N.E. slope

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

25.00 Top of ascent in low broken hills - descend

38.00 Bottom descent - thence over rolling ground

40.00 Intersect S. bdry at temp Cor. deposit marked limestone 12 ins in the ground for S.W. Cor of Claim - 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 N. pit, drive an Oak stake 2 ft long 2 ins sq. 12 ins in the ground, marked

H. E. S on N.E. face

Land, rolling and broken
Soil sandy, 3rd and 4th rate
Vegetation. Sand grass.
January. 2 - 1901

Sec. 50.

Survey P.L. of William H. Lozier. 158.95 acres in Sec. 19 owned by Phillip Pullman.

The N.W. Cor. point at claimed by Mr. Scott Pullman being the agent of Phillip Pullman, is a point on W. bdry of Sec. 19 at which point I deposit marked limestone 12 ins in the ground for N.W. Cor of Claim. dig pits 18 x 18 x 12 ins. Sand 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 ground, marked

P.P. on S.E. face. The area of the W. fractional part of Claim being originally Lot. 2. Sec. 19 in 38.95 acres the measurement of this lot from S. to N. being 20 chs. The bearing of W. bdry being N. 0° 33' E. the Latitude of W. bdry Lot 2. will be 20 chs. the Departure 18 chs. the distance through Lot 2. from N. to E. will be 38.95 ÷ 2 = 19.47½ chs. the measurement of N. bdry will be 19.47½ - .09 = 19.38½ the measurement of S. bdry will be 19.47½ + .9 = 19.56½ chs

Therefore from the N. W. Cor. I run

E. on N bdry.

Over rolling ground.

25.00 Ascend N.W. gentle slope

28.00 N. face low hills descend gently.

See from commr of Pub. Lands & Buildings Apr 17, 1904 E(2-20108-1904) and the others to

these field notes are like the original field notes which are hopeless. so that field notes and plat will have to remain as they are and go for what they are worth

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

35.00 Bottom - descent in rolling ground.

40.00 Ascend N.W. slope

57.00 Top of ascent - on low hills

60.00 Deposit marked limestone 12 ins in the ground for N.E. Cor of claim. dig pits 18 x 18 x 12 ins S. and W. of Cor. 4 ft. dist and 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. sq 12 ins. in ground, marked

P.P. on S.W. face

Land, rolling
Soil sandy 3rd rate
Vegetation. Sand grass.

S. on E bdry

Over rolling hills.

10.75 E face sand ~~ridge~~ or bluff - descend

16.00 Bottom descent. thence over rolling hills.

29.10 Wire fence. runs N. 60° W. and S. 60° E.

40.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of Claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft high over deposit

In N. pit drive an Oak stake 2 ft long 2 ins sq. 12 ins. in ground, marked

P.P. on N. W. face

Land, rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass.

W. on S. bdry

Over rolling hills.

18.06 Wire fence bears N. 10° E. and S. 10° W.

19.00 Descend S.W. slope, from low ridge

20.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. of S. part of claim. 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

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

In N. pit drive an Oak stake 2 ft long 2 ins. sq 12 ins in the ground, marked.
P.P. on N.E. face

Land, low rolling hills.
Soil sandy 3rd rate
Vegetation, Sand grass.

N. on W. bdry
Ascend S.W. slope low hills.
1.43 Wire fence, runs N. 70° W. and S. 70° E.
1.50 Top of low ridge, thence over rolling hills.
12.50 Enter basin like valley.
19.00 Ascend gently.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor S.E. 40 acres of claim, dig pits 18×18×12 ins. S. and W. of Cor. 4 ft. dist and 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. sq 12 ins in ground marked
P.P. on S.E. face

Land, rolling hills.
Soil sandy 3rd rate
Vegetation, sand grass.

W. on S. bdry. N. 80 acres of claim.
Over rolling ground on S. face low hills, ascending gently.
8.00 Depression or ravine, runs N. W. and S.E.
Ascend gentle N.E. slope
22.50 Top of ascent on N. face low ridge, descend gently
26.00 Enter rolling valley.
39.56½ Set temp S.W. Cor

Land, rolling and level
Soil sandy 2nd and 3rd rate
Vegetation, sand grass

From the N.W. Cor. I run

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

S. 0°33' W. on range line.
Over rolling valley land.
20.00 Intersect S. bdry. Deposit marked limestone 12 ins. in the ground for S.W. Cor. of claim, dig pits 18×18×12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft long 2 ins. sq 12 ins. in ground, marked
P.P. on N.E. face
This Cor. bears N. 0°33' E. 5 chs dist from the ¼ Sec. Cor. on W. bdry of Sec. 19.

Land, rolling valley
Soil sandy 2nd rate
Vegetation, meadow grass.

S. 43

Sec. 43

Survey T.C. of Alexander R. Vedy 153.72 acres in Secs 6 and 7 owned by Phillip Pullman.
The N.E. Cor. point being designated by Scott Pullman at which point I deposit marked limestone 12 ins. in ground for N.E. Cor. dig pits 18×18×12 ins. S. and W. of Cor. 4 ft. dist and 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. sq. 12 ins. in ground, marked.
P.P. on S.W. face
The west portion of this claim be fractional Lots 5, 6, & 7. original Sec. 6 and containing 113.72 acres - the distance from S. to N. being 60 chs. the distance through claim from E. to W. will be 113.72 ÷ (6) = 18.95 + chs. Therefore from N.E. Cor. I run
W. on N. bdry
Over meadow land
5.00 Point 50 lks. S. of a sod house
7.00 Ascend gentle S.E. slope
9.50 Top 25 ft. thence over rolling hills.
18.95 Deposit marked limestone 12 ins in ground for N.W. Cor. of claim, dig pits 18×18×12 ins. S. and E. of Cor. 4 ft. dist. and raise a mound of earth

>60

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

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.
P.P. on S.E. face

Land, level and rolling.
Soil sandy 2nd & 3rd rate
Vegetation, sand and meadow grass.

S. on W. bdry over low hills.
1.50 Descend gently.
4.00 Bottom in rolling ground.
4.55 Trail, bears E. and W.
17.00 Ascend low hills gently.
28.25 Top. 30 ft. thence over low hills
32.00 Descend gently.
36.35 Trail bears E. and W.
60.00 Set temp. S.W. Cor.

Land rolling
Soil sandy 3rd rate
Vegetation, sand grass.

From the N.E. Cor. I run
S. on E. bdry.
Over level valley land.
37.00 Trail bears N. W. and S.E.
37.80 Enter cotton wood grove bears N. W. and S.E.
40.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. N fractional 80 acres of claim, dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
P.P. on N. W. face
This Cor. bears S. 57° 59' W. 9.43 chs. dist from ¼ Sec. Cor. bet. Secs. 6 and 7. Latitude S. 5.00 chs. Departure W. 8 chs.

Land, level valley
Soil sandy 2nd rate
Vegetation meadow grass

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

E. on N. bdry
Over level ground in Cottonwood grove.
2.70 Leave grove - thence over meadow.
2.85 Trail, runs N.E. and S.W.
11.30 Enter dry bed march or slough.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. E. 40 acres of Claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and 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. sq. 12 ins. in ground, marked.
P.P. on S.W. face

Land level
Soil sandy 3rd rate
Vegetation, meadow slough grass

S. on E. bdry
In slough - dry bed of -
6.00 Leave slough - over rolling valley.
13.50 Pt. on bkc. W. of frame house or shack.
20.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim being also the N.E. Cor. of W. 80 acres of Otto Perss. P.C. owned by Phillip Pullman dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
P.P. on N. W. and S.W. faces.

Land, level
Soil sandy 2nd and 3rd rate
Vegetation, slough land and grass

W. on S. bdry. bet. Vulg and Perss
Over level meadow land.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. W. 80 acres of Perss P.C. dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist and raise a

Claim Lines of T. 22 N. R. 47 W. Continued.

Chains.

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.
P.P. on S.E. face

30.00 Ascend gently over rolling ground.
34.00 Top of slight raise.
38.95 Intersect W. bdry. at temp. Cor. deposit marked limestone 12 ins. in ground for S. W. Cor. of Claim dig pits 18×18×12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked.
P.P. on N.W. face

Land level and rolling
Soil sandy 2nd and 3rd rate.
Vegetation sand and meadow grass.

Sec. 44.

Survey T.G. of Otto Perso. 160 acres in Secs. 7 and 18. owned by Phillip Pullman - The N. bdry the N.E. and N.W. Corners being established and described in the Survey T.G. of Vogly ~~from~~ the N.E. I run.
S. on E. bdry W. 80 acres
Over level land.
18.15 Trail bears N. 15° E. and S. 15° W.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. E. 80 acres of Claim dig pits 18×18×12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
P.P. on S.E. face

Land, level.
Soil sandy 2nd and 3rd rate
Vegetation meadow and sand grass.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

E. on N. bdry. E. 80 acres
Over rolling ground.
3.00 Ascend gently on W. slope.
20.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. E. 80 acres of Claim - dig pits 18×18×12 ins S. and W. of Cor. 4 ft. dist and 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. sq. 12 ins. in ground, marked.
P.P. on S.W. face

Land, rolling
Soil sandy, 3rd rate
Vegetation, sand-grass.

S. on E. bdry E. 80 acres
Over low ground on W. face low hills.
2.88 Wire fence runs S. 80° W. from point 1 chr. E. descend S.W. gentle slope.
23.00 Bottom descent in ravine bears N.W. and S.E.
Ascend N.E. slope
29.00 Top of ascent on W. face hills
33.00 Descend over broken ground
37.00 Bottom, in depression - ascend.
40.00 Set temp. S.W. Cor.

Land, rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass
January 3. 1901.

From the N.W. Cor. heretofore described I run.
S. on W. bdry of W. 80 acres
Over level ground.
9.60 Enter cottonwood grove bears N.W. and S.E.
18.00 Leave grove ascend gentle N.W. slope.
18.80 Leave grove, ascend gentle N.W. slope → see
18.80 Wire fence, bears N.W. and S.E.
24.00 Top of ascent on W. face low hills
38.00 Ascend N.E. slope ridge.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

40.00 Deposit marked limestone 12 ins in ground for S.W. Cor. W. 80 acres of claim, dig pits 18x18x12 ins. N. and E. of Cor 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
P.P. on N.E. face

Land, rolling
Soil sandy 3rd rate
Vegetation, sand grass.

E. on S. bdry.
Descend N. slope ridge
2.00 Bottom descent thence over rolling ground.
8.80 Trail, bears N. 10° W. and S. 10° E.
15.00 Ascend W. slope of low hills.
19.00 Top of ascent
20.00 Deposit marked limestone 12 ins in ground for S.E. Cor. W. 80 acres of Claim. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and 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. sq. 12 ins. in the ground, marked.
P.P. on N. W. face.

Land, rolling
Soil, sandy 3rd rate
Vegetation, Sand grass.

S. on W. bdry of S. 40 acres
Over low rolling hills.
3.00 Descend S.E. face
13.00 Bottom descent ascend N.E. slope.
20.00 On ridge N. W. and S.E. Deposit marked limestone 12 ins in ground for S.W. Cor. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise pile mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in ground, marked.

Claim Lines of T. 22 N. R. 47 W. Continued

Chains

P.P. on N.E. face

Land rolling hills.
Soil, sandy 3rd rate
Vegetation, sand grass.

East on S. bdry.
Descend N.E. slope
4.00 Bottom of descent thence over broken ground
8.00 Ascend gently.
17.00 Top of ascent on N. face hills. descend
20.00 Intersect E. bdry at South S.E. Cor. deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit. drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground marked.
P.P. on N. W. face
This Cor. bears S. 57° 50' W. 9.39 chs. dist from the Cor. of Secs. 7, 8, 17 and 18. Latitude S. 5.20 chs.
Departure W. 7.45 chs.

Land rolling and broken
Soil sandy 3rd & 4th rate
Vegetation, Sand grass.
January 4. 1901

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., 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 .....

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

..... United States Deputy Surveyor, in surveying all those parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., 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 .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

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

SEAL

6—151

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For copy of final oaths and approval of Commissioner See transcript T23NR47W

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ....., bearing date of the ..... day of ....., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ....., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of .....

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., 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.

.....
United States Deputy Surveyor.

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

SEAL

.....

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 189

The foregoing field notes of the survey of .....

.....

.....

.....

.....

.....

executed by .....

under his contract No. ....., dated ....., 189 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
United States Surveyor General.

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.

.....
United States Surveyor General.

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General Land Office • Original Field Notes

Book Number

781

W.W. Alt - Subdivision of T 22 N, R 47 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.