General Land Office • Original Field Notes

Book Number

781

W.W. Alt - Subdivision of T 21 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.

Dup.

4—679.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision & Claim Lines

of

Township 21 North,

Range 47 West

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

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

Under his Contract ~~No.~~ _____, dated May 26, ~~189~~0

Survey commenced November 30, ~~189~~0

Survey completed December 15, ~~189~~0

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NAMES AND DUTIES OF ASSISTANTS.

Joseph B. Korn, Chairman

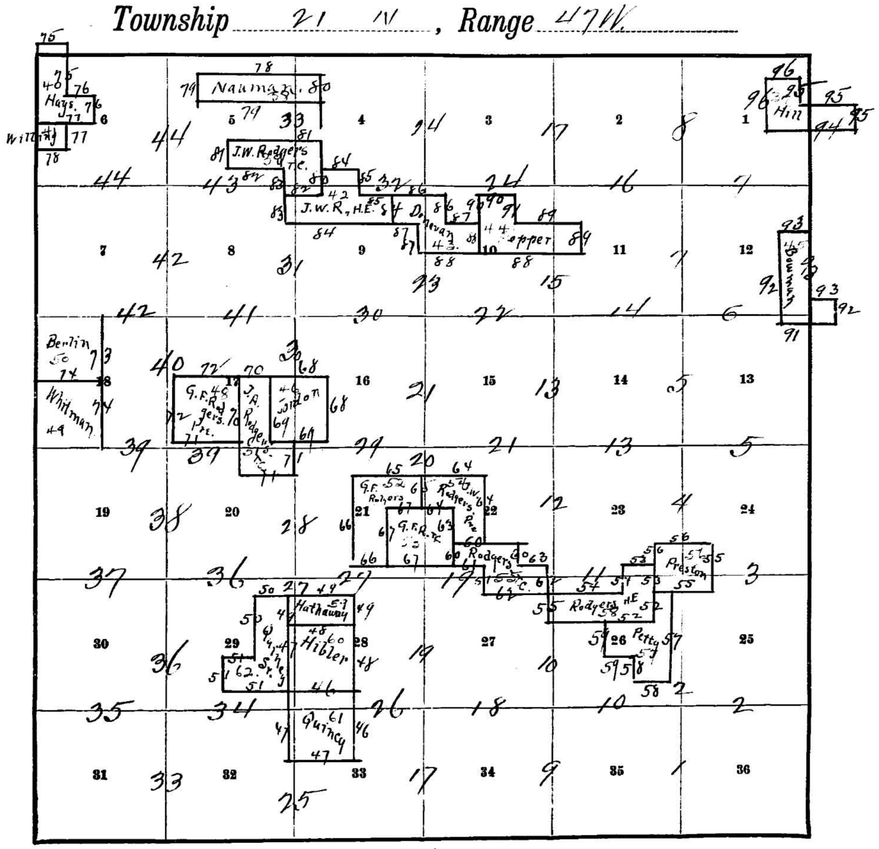
Harry C. Covalt, " "

Earl J. Martin, Moundman.

Herbert Campbell, Flagman

INDEX DIAGRAM.

Township 21 N, *Range* 47 W.



Meanders Page

4A.

PRELIMINARY OATHS OF ASSISTANTS.

We, Harry C. Covalt and Joseph B. Koon 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 the subdivision and claim lines T. 21, - 22 and 23 N. R. 47 W. of the 6th P. Meridian in Nebr.

Harry C. Covalt, Chainman.

Joseph B. Koon, Chainman.

Subscribed and sworn to before me this 24th day of December 1900.

Willard W. Alt
U. S. Surveyor

SEAL

We, Earl J. Martin 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 the subdivision and claim lines T. 21, 22 and 23 N. R. 47 W. of the 6th P. Meridian in Nebr.

Earl J. Martin, Moundman.

, Moundman.

Subscribed and sworn to before me this 24th day of November 1900

Willard W. Alt
U. S. Surveyor

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, Herbert Campbell, 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 the subdivision and claim lines T. 21, 22 and 23 N. R. 47 W. of the 6th P. Meridian in Nebr.

Herbert Campbell, Flagman.

Subscribed and sworn to before me this 24th day of November 1900

Willard W. Alt
U. S. Surveyor.

SEAL

6—151

5A.

Preliminary Oaths of Assistants.

I, Earl J. Martin, do solemnly swear that I will well and faithfully perform the duties of Chainman, that I will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same, that I will report the true distances to all notable objects and the true length of all lines that I assist in measuring, to the best of my skill and ability, and in accordance with instructions given me, in the survey of the Subdivision and Claim Lines of Township No. 22 and 23 N. Range 47 W. of the 6th. Principal Meridian, State of Nebraska.

Earl J. Martin
Chainman.

Subscribed and sworn to
before me this 22nd day of
December 1900.

Willard W. Alt.
U. S. Surveyor.

I Fred Newman, do solomenly swear that I will well and truly perform the duties of moundman in the establishment of cors. according to the instructions given me, to the best of my skill and ability, in the Survey of the Subdivision and Claim Lines of Townships No. 22 and 23 North, Range 47 W. of 6th Principal Meridian, State of Nebraska.

Fred Newman
Moundman.

Subscribed and sworn to
before me this 22nd day of
December 1900.

Willard W. Alt.
U. S. Surveyor.

Subdivision of T21 N. R47 W.

Chains

Survey commenced November 30th 1900, and executed with a W & 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., which instrument I examine thoroughly and place in perfect adjustment before beginning the survey, I also compare and adjust my chain to the standard tape, for certificate, see field notes of the 5th Guide Meridian West T21 N.

The direction of the meridianal section lines being determined by angles turned from the tangent run in the resurvey of the 5th Standard Parallel on the S. bdry of the Tp.

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

N 0° 11' E. bet. secs 35 and 36

Over low rolling hills

7.00 Begin gentle descent over N. slope

14.00 Foot of descent in basin like valley bears E and W.

28.00 Leave valley bears E, and W. ascend S. slope low hills

40.00 Deposite a marked limestone 12 ins. in the ground, for 1/4 sec. cor.; dig pits 18×18×12 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

41.00 Top of ascent on low hills, thence over broken sand hills

57.05 Cross wire fence, bears N 85° E and S 85° W.

64.00 Top of low sand peak. descend gradually N. slope

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

80.00 Deposite a marked limestone 12 ins. in the ground for cor of secs 25, 26, 35 and 36; dig pits 18×18×12 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

Chains

T. 21 N. S. 25 on N.E., R. 47 W. S. 36 on S.E., S. 35 on S.W. and S. 26 on N.W. faces, with 1 notch on S. and E. edges

Land low rolling sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass

N. 87° 31' E. on a random line bet. secs. 25 and 36

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect E. bdry of Tp. 16 lks N. of cor. secs. 25, 30, 31 and 36.

Thence S. run

S. 17° 38' W. on a true line bet. secs. 25 and 36

Ascend E. slope over broken ground

0.30 Top of ascent on low ridge. Bears N.W. and S.E.

Thence over broken ground

26.50 Ridge bears N.W. and S.E. descend gradually S.W. slope over broken sand ridges.

40.08 Deposit a marked limestone 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, 3 1/2 ft. base, 1 1/2 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

47.00 Foot of descent in a depression. Bears N. and S. Ascend E. slope of ridge.

54.00 Top of ascent on ridge bears N. and S. descend over S.W. slope

66.00 Foot of descent, enter rolling valley bears N.W. and S.E.

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

80.16 The cor. of secs. 35, 26, 35 and 36.

Land rolling bottom and low hills

Soil sandy 4th rate

Vegetation bunch grass and sand grass

N. 0° 11' E. bet. secs. 25 and 26.

Over rolling valley

6.15 Trail bears N. 66° W. and S. 60° E. Leave valley, ascend S.W. slope over low rocky hills

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

Chains

35.00 Top of ascent on low hills., descend N. slope.

40.00 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 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 1/4 S. on W. face.

49.00 Foot of descent, enter rolling land,

69.90 Wire fence, bears N. 80° E. and S. 80° W.

70.00 Trail bears N. 80° E. and S. 80° W.

80.00 Deposit a marked limestone 12 ins. in the ground for cor. of secs. 23, 24, 25 and 26; 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 T. 21 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 3 notch on S and 1 notch on E. edges.

Land hilly and rolling

Soil sandy 3rd and 4th rate

Vegetation bunch grass and sand grass

N. 89° 38' E. on a random line bet. secs. 24 and 25:

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect E. bdry. of Tp. 18 lks. N. of cor. of secs. 19, 24, 25 and 30.

Thence S. run

S. 89° 46' W. on a true line bet. secs. 24 and 25

Over rolling valley

10.10 Trail bears N. 80° E. and S. 80° W.

21.00 Leave valley and low hills.

35.00 Top of ascent on ridge bears N. falls S. thence over rolling S.W. slope, descending.

40.05 Deposit a limestone 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 3 1/2 ft. base, 1 1/2 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.

Subdivision of T. 21 N., R. 47 W. Continued

Chains	
	on N. face
35.00	Bottom of depression bears N and S. ascend over low hills
60.00	Top of ascent on broken ridge. bears N and S. descend over rolling W. slope.
80.10	The cor. of secs. 23, 24, 25, and 26. Land low rolling hills. Soil sandy 4th rate. Vegetation Bunch grass and sand grass.

N. 0° 11' E. bet. secs. 23 and 24
Ascend gently over S.W. face of low hills
5.00 Top of ascent. thence over W. face.
15.00 Begin gradual descent. N.W. slope.
39.50 Foot of descent bare hills. enter rolling ground, bears N.E. and S.W.
40.00 Deposit a marked limestone 12 ins. in the ground for 1/4 sec. cor.; dig pits 15 x 15 x 12 ins. N. and S. of cor., 4 ft. dish.; and raised 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.
57.50 Trail bears N.E. and S.W.
64.50 Leave rolling land bears N.E. and S.W. ascend S.E. slope. low hills.
75.60 Top of ascent on ridge, bears N.W. and S.E.
78.00 Descend N.E. slope.
80.00 Set an oak post 3 ft. long, 4 ins. sq., with marked limestone 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked T. 21 N., S. 13 on N.E., T. 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. edges; dig pits 18 x 18 x 12 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.

Subdivision of T. 21 N. R. 47 W. Continued

Chains	
	N. 87° 46' E. on a random line bet. secs. 13 and 24
40.00	Set temp. 1/4 sec. cor.
80.26	Intersect E. bdry of Tp. 21 nks. S. of cor. of secs. 13, 18, 19, and 24.
	Thence run
	S. 87° 37' W. on a true line bet. secs. 18 and 24
	Over rolling land.
4.26	Leave rolling land. ascend N.E. slope
12.08	Wire fence. bears N 10° W. and S 10° E
23.00	Top of ascent on ridge 100 ft above valley. bears N.W. and S.E., descend N.W. slope.
40.78	Deposit marked limestone 12 ins. in the ground for 1/4 sec. cor.; dig pits 15 x 15 x 12 ins E. and W. of cor., 4 ft. dish; and raised 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
64.00	Foot of descent, enter narrow valley bears N.E. and S.W.
69.16	Trail bears N and S. ascend over broken ground.
80.26	The cor. of secs. 13, 14, 23 and 24 Land rolling and broken Soil sandy 3rd and 4th rate Vegetation bunch grass and sand grass.

N. 0° 11' E. bet. secs. 13 and 14
Over broken ground on N.E. slope of low hills
16.00 Foot of descent in bend of basin like valley
19.10 Trail, bears N.W. and S.E.
33.66 Wire fence bears N 85° E. and S 85° W., leave basin., ascend over low broken sand hills
35.00 Top of ascent on ridge. bears E. and W. descend.
40.00 Deposit a marked limestone 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. dish., 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.
NOTE. This cor is situated in a depression. bears E and W.

Subdivision of T21 N. R 47 W. Continued

Chains	
47.00	Ascend S.E. slope.
53.35	Top of ascent on S. edge of "Flow-out."
53.40	N. edge of "Flow-out" thence over rolling ground
77.00	Ridge trees N.W. and S.E. descend. over N. slope
80.00	Deposit a marked limestone 12 ins. in the ground for cor. of secs. 11. 12, 13 and 14; diz 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. Dw S.E. pit, drive an oak stake 2 ft. long, 2 ins sq., 12 ins in the ground, marked T21 N, S. 12 on N.E., R 47 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. edges.
	Land rolling sand hills.
	Soil sandy 3rd and 4th rate.
	Vegetation. Bunch grass and sandpan.

N 89° 37' E on a random line Feb secs. 12 and 13.

40.00	Set temp. ¼ sec. cor.
80.24	Intersect E. bdry. of Tp. 21 lks. S. of the cor. 5 secs. 7. 12, 18 and 18.
	Thence S run
	S 89° 28 W on a true line Feb., secs. 12 and 78.
	Over level valley land
17.68	Wire fence trees N. 3° W. and S. 3° E.
22.00	Leave level valley trees N.W. and S.E., ascend N.E. slope of hills
25.00	Top of ascent on sand ridge 75 ft above bottom thence over rolling ground sloping to N.
40.12	Deposit a marked limestone 12 ins in the ground for ¼ sec. cor.; diz 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. Dw E. pit drive an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked ¼ S on N. face.
54.00	Ridge trees N and S. descend W. slope.
80.24	The cor. of secs. 11. 12. 13 and 14
	Land hilly and level

Subdivision of T21 N. R 47 W. Continued

Chains	
	Soil sandy 3rd and 4th rate.
	Vegetation. Bunch grass and sandpan.
	N 0° 11' E Feb secs. 11 and 12.
	Over low hills
8.00	Descend N. slope.
24.00	Foot of descent. leave hills. enter valley trees N.W. and S.E.
27.90	Trail trees. N 60° W. and S 60° E.
40.00	Deposit a marked limestone 12 ins. in the ground for ¼ sec. cor.; diz 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. Dw S. pit drive an oak stake 2 ft long. 2 ins sq. 12 ins in the ground marked ¼ on W. face.
47.00	Leave valley trees N.W. and S.E. enter low hills.
66.80	Sand ridge trees N.W. and S.E. descend N. slope.
80.00	Deposit a marked limestone 12 ins. in the ground for cor. of secs 1. 2. 11 and 12; diz 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. Dw S.E. pit, drive an oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked. T21 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 edges.
	Land hilly and rolling.
	Soil sandy 3rd and 4th rate.
	Vegetation. Bunch grass and sandpan.

N 89° 28' E. on a random line Feb. secs. 1 and 12.

40.00	Set temp. ¼ sec. cor.
80.26	Intersect E. bdry. of Tp. 16 lks. S. of the cor. 7 secs. 1. 6, 7. and 12.
	Thence S run

Subdivision of T. 21 N. R. 47 W. Continued

Chains	
	S. 89° 21' W. on a true line Tot. secs. 1 and 12.
8.00	Descend W. slope over broken sand ridges.
17.00	Bottom descent. ascend E. slope over rolling land.
39.93	Wire fence Tears N.W. and S.E.
40.13	Deposit a marked limestone 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. Dm E pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S., on W. face
53.00	Top of ascent on Gr. Sand ridge, descend N.W. slope gently
60.00	Foot of descent. enter valley bears N and S.
78.00	Leave valley. bears N and S., ascend E. slope & low hills
80.26	The cor. of secs 1. 2. 11 and 12. Land hilly and level. Soil sandy 3rd and 4th rate Vegetation bunch grass and sand grass. November 30th 1900

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

40.00	Set temp. 1/4 sec. cor.
83.61	Intersect N. bdry. of Tp. 36 lks. W. of the cor. of secs 1. 2. 35 and 36. Thence I run S. 0° 26' W. on a true line Tot. secs. 1 and 2 Cross rolling valley.
2.50	Leave valley bears N.W. and S.E., ascend N.E. slope over broken sand ridges.
5.12	Ridge. bears N.W. and S.E.
11.00	Ridge bears N.W. and S.E.
24.00	Top of ascent on ridge bears E and W., descend S. slope.
26.00	Foot of descent in W. end of valley bears E.
37.50	Leave valley. bears N.W. and S.E., ascend N.E. slope
42.82	Wire fence bears N.W. and S.E.
43.61	Deposit a marked limestone, 12 ins. in the ground for 1/4 sec. cor., dig. pits 18 x 18 x 12 ins

Subdivision of T. 21 N. R. 47 W. Continued

Chains	
	N. and S. of cor.; 4 ft dist.; and raised mound of earth 3½ ft. base. 1½ ft. high over deposit. Dm 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 50 ft. above 1/4 cor. thence over rolling ground.
62.00	Begin steep descent over S. slope.
76.00	Foot of descent enter valley bears E. and W.
81.50	Leave valley bears N.W. and S.E ascend gently N.E. slope
83.61	The cor. of secs 1. 2. 11 and 12. Land hilly and rolling. Soil Sandy 3rd and 4th rate Vegetation bunch grass and sand grass. November 6th 1900.

From the Stand. cor. of secs 34 and 35 - on the S. bdry of the Tp. I run.

N. 0° 16' E. Tot secs 34 and 35 -

Descend N.E. slope.

16.00	Foot of descent, enter valley bears N.W. and S.E
40.00	Deposit a marked limestone 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 raised a mound of earth 3½ ft. base. 1½ ft. high over deposit. Dm S. pit drive an oak stake 2 ft. long 2 ins sq., 12 ins. in the ground, marked 1/4 S., on W. face.
44.80	Trail bears N 20° E and S. 20° W.
59.00	Leave valley bears E. and W. ascend over low hills
63.50	Wire fence bears E. and W.
80.00	Deposit a marked limestone 12 ins in the ground for cor. of secs 26, 27, 34, and 35 - dig pits 18 x 18 x 12 ins in each sec. 4 ft. dist.; and raised a mound of earth. 4 ft. base. 2 ft. high over deposit. dm S. E. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins in the ground, marked T 21 N. S. 26 on N.E. T 47 W. S. 35 on S.E. S. 34 on S.W. and S. 27 on N.W. faces

Subdivision of T.21 N. R.47 W. Continued

Chains

with 1 notch on S. and 2 notches on E. edges.
Land rolling and hilly.
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and sand grass.

N 89° 44' E. on a random line bet. secs. 26 and 35

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N and S. line 7 lks. S. of the cor. of secs. 25 26, 35 and 36
Thence I run
S 89° 41' W. on a true line bet. secs. 26 and 35
Ascend N.E. slope

8.00 Top of ascent thence over rolling land

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

20.36 Wire fence. bears N. and S. ascend N.E. slope.

40.00 Deposit a marked limestone 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.

41.50 Ridge bears N and S. descend W. slope.

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

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

55.40 Top of ascent on ridge, bears N and S. descend W. slope.

65.00 Bottom descent in "pass". Trail bears N 20° E. and S 20° W. ascend E. slope of ridge

76.80 Top of ridge falls N. descend W. slope

80.00 The cor. of secs. 26, 27, 34, and 35
Land rolling sand hills.
Soil sandy 4th rate.
Vegetation bunch grass and sand grass.

N 0° 10' E. bet. secs 26 and 27.
Ascend gently over low broken sand hills.

29.30 Sand ridge, bears N.W. and S.E. descend

Subdivision of T.21 N. R.47 W. Continued

Chains

N.E. slope. over low ridges and depressions

40.00 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. 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.

42.00 Bottom of descent. enter meadow land bears N.W. and S.E.

64.25 Trail bears E and W.

78.80 Trail bears N.W. and S.E. leave valley begin gradual ascent

80.00 Deposit a marked limestone 12 ins in the ground for cor. of secs. 22, 23, 26, and 27; 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 T21 N. S. 23 on N.E., R 47 W. S. 26 on S.E., S 27 on S.W., and S. 22 on the N.W. faces; with 2 notches on S. and E. edges.
Land hilly and rolling and level.
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and sand grass.

N 89° 41' E. on a random line bet. secs 23 and 26

40.00 Set temp 1/4 sec. cor.

79.88 Intersect N. and S. line 7 lks. N. of cor. secs. 23, 24, 25 and 26
Thence I run
S 89° 44' W. on a true line bet. secs. 23 and 26.
Over rolling valley land.

21.80 A point 50 lks. S. of Sod house

39.94 Deposit a marked limestone 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

Subdivision of T21 N., R47 W. Continued

Chains	
	N. face
45.40	Trail bears N.E. and S.W.
60.00	Leave valley bears N. and S. ascend over rolling ground, slopes to S.
63.50	Top of ascent on ridge bears N. falls S. descend W. slope
78.85	Wire fence bears N 60° W. and S. 60° E
79.88	The cor. of secs. 22, 23, 26, and 27.
	Land rolling.
	Soil sandy 3rd rate.
	Vegetation bunch grass and sand grass.

N 0° 10' E. bet. secs. 22 and 23.
Ascend gradually over S.W. slope. over low hills

0.62	Wire fence bears N.W. and S.E.
18.00	Top of ascent on sand peak. 50 ft. above sec. cor. descend N. slope.
40.00	Deposit a marked limestone 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.
53.00	Bottom descent, ascend S. slope.
59.00	Top of ascent on E. face of ridge. descend over broken ground.
80.00	Deposit a marked limestone 12 ins. in the ground for cor. of secs. 14, 15, 22 and 23; 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 T21 N. S 14 on N.E., R 47 W. S. 23 on S.E., S 22 on S.W. and S 15 on N.W. faces; with 2 notches on E. and 3 notches on S. edges.
	Land rolling sand hills.
	Soil sandy 4th rate.
	Vegetation bunch grass and sand grass.

Subdivision of T21 N., R47 W. Continued

Chains	
	N 89° 44' E on a random line bet. secs. 14 and 23.
40.00	Set temp ¼ sec. cor.
80.00	Intersect N and S. line 9 lks N. of cor. of secs. 13, 14, 23, and 24.
	Thence I run
	S 89° 48' W. on a true line bet. secs 14 and 23
	Ascend abrupt E. slope
0.75	Top of ascent on ridge bears. N. and S. descend W. slope over ridges and ravines
11.50	Bottom descent. thence over low hills.
33.75	Trail bears N. and S. Ascend over broken ground
40.00	Deposit a marked limestone 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
	This cor is situated in a depression between sand hills. Ascend E. slope
48.00	Top of ascent thence over sand ridges which bear S. and fall N.
57.00	Broken sand ridge bears N and S. descend W. slope
80.00	The cor. of secs. 14, 15, 22, and 23.
	Land. Broken sand hills.
	Soil sandy 4th rate.
	Vegetation bunch grass and sand grass.

N 0° 10' E. Bet. secs. 14 and 15.
Ascend S. face of ridge

4.00	Top of ascent on ridge, thence over low broken hills
7.36	Wire fence bears E and W.
34.50	Descend N.W. slope over broken ground
40.00	Deposit a marked limestone 12 ins in the ground for ¼ sec. cor.; dig pits 18x18x12 ins N. and S. of cor. 4 ft. dist.; and raise a

Subdivision of P21 N., R47 W. Continued

Chains

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 on W. face.

49.00 Bottom descent in ravine course S.E., ascend over broken sand hills.

64.00 Bottom of depression bears N.W. and S.E. ascend S.W. slope.

68.20 Top of ridge bears N.W. and S.E. descend N.E. slope.

76.00 Bottom descent enter rolling land.

80.00 Deposit a marked limestone 12 ins. in the ground for cor. of secs. 10, 11, 14 and 15; dig pits 18×18×12 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 P21 N. S. 11 on N.E. R47 W., S 14 on S.E., S. 15 on S.W. and S. 10 on N.E. faces; with 4 notches on S. and 2 notches on E. edges.

Land broken sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass.

N 89°48' E on a random line bet. secs 11 and 14.

40.00 Set temp. ¼ sec. cor.

79.82 Intersect N and S. line 2 lks. N. of cor. of secs 11, 12, 13 and 14

Thence I run

S 89°49' W. on a true line bet. secs. 11 and 14

Ascend over broken sand hills.

1.75 Ridge bears N. and S.

13.00 Ridge bears N and S. descend W. slope.

19.00 Bottom descent in neck of valley bears N.W. and S.E.

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

31.37 Trail bears N 20° W and S 20° E.

37.91 Deposit a marked limestone 12 ins. in the ground for ¼ sec. cor. dig pits 18×18×12 ins.

Subdivision of P21 N., R47 W. Continued

Chains

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 on N. face.

45.00 Leave valley bears N.W. and S.E. ascend N.E. slope of ridge.

50.00 Top of ascent on N. slope of ridge. descend N.W. slope.

58.00 Bottom descent in S. edge of valley. Ascend. N.E. slope.

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

75.49 Wire fence bears. N and S.

75.69 Trail bears N. and S.

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

Land hilly and rolling.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass and sand grass.

N 0°10' E. bet. secs. 10 and 11.

Over low sand hills

15.50 Begin gentle descent. N. slope.

22.00 Root of descent, enter Valley bears N.W. and S.E.

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

32.20 Wire fence bears E. and W.

40.00 Deposit a marked limestone 12 ins. in the ground for ¼ sec. cor., dig pits 18×18×12 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 ¼ S. on W. face.

46.15 Trail bears E. and W.

51.00 Leave valley bears N.E. and S.W. Ascend S.E. slope over low sand hills

75.00 Leave low hills. Enter valley, bears N.W. and S.E.

80.00 Deposit a marked limestone 12 ins. in the ground for cor. of secs. 2, 3, 10 and 11, dig pits 18×18×12 ins., in each sec., 4 ft. dist.

Subdivision of T. 21 N., R. 47 W. Continued

Chains.

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 T. 21 N., R. 2 on N.E., R 47 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.
Soil sandy 3rd and 4th rate.
Vegetation principally bunch grass.

N 89° 49' E. on a random line Tch. secs. 2 and 11.

40.00 Sch. temp. ¼ sec. cor.

77.84 Intersect N. and S. line 12 lks. W. of cor. of secs. 1, 2, 11, and 12.

Thence S run

S 89° 34' W. on a true line Tch. secs 2 and 11 (ascend N.E. slope).

8.00 Low ridge bears N. and S.

22.50 Ridge bears N. and S.E. descend W. slope onto rolling land.

33.00 Bot. of descent, enter level valley bears N. & S.

39.92 Deposit a marked limestone 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 dep. Dr. E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked ¼ S. and N. face.

53.75 Cave Valley bears N. and S. Ascend over low rolling hills

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

70.00 Leave hills, enter valley bears N. and S.

70.24 Trail bears N. 20° W. and S 30° E.

79.84 The cor. of secs 2, 3, 10, and 11

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

December 7th 1900

Subdivision of T. 21 N., R 47 W. Continued

Chains

N 0° 10' E on a random line Tch. secs 2 and 3.

40.00 Sch. temp. ¼ sec. cor.

88.78 Intersect N. bdry. of Tp. at the cor. of secs 2, 3, 34 and 35.

Thence S run

S 0° 10' W. on a true line Tch. secs. 2 and 3.

Trail rolling land.

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

32.45 N. edge of alkali lake bears N.E. and W.

33.75 S. edge of lake.

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

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

69.25 W. fork 150 lks. W. of road house

83.73 The cor. of secs. 2, 3, 10 and 11.

Land level.
Soil sandy 3rd rate
Vegetation Bunch grass.

November 6th 1900

From the S. land. cor. of secs. 33 and 34 on the S. bdry of Tp.

Run

N 0° 10' E. Tch. secs. 33, and 34,

Descend N.E. slope.

4.00 Bottom descent, enter rolling ground

20.00 Land rolling ground, Ascend S.W. slope of low foot hills.

33.80 Wire fence bears N.E. and S.W.

40.00 Deposit a marked limestone 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. Dr. S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked ¼ S. on

Subdivision of T21N. R47W. Continued

Chains

~~on~~ W. face

73.00 Top of ascent on W. face of low ridge bears E. and W. descend over low hills

78.83 Wire fence bears N.40°W. and S.40°E.

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 T21N. S.27 on N.E., R.47W. 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 sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass.

N 89° 34' E on a random line bet. secs. 27 and 34

40.00 Set temp. ¼ sec. cor.

80.16 Intersect N. and S. line 9 lks N. of cor. of secs. 26, 27, 34, and 35.

Thence I run

S 89° 38' W. on a true line bet. secs 27 and 34

Over very broken land

7.45 Sand peak. descend.

30.75 Ridge bears N. and S. descend W. slope

41.08 Deposit a marked limestone 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 on N. face.

68.85 Ridge bears N. and S.: descend gradually

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

Land rolling sand hills.

Soil sandy 4th rate.

Vegetation bunch grass and sand grass

Subdivision of T.21N., R.47W. Continued

Chains

N 0° 10' E. bet. secs. 27 and 28

Ascend gently over low hills.

25.00 Ridge bears E. and W.

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

35.00 Top of ascent on ridge bears E and W.; thence over broken ground.

40.00 Deposit marked limestone 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.

50.80 Descend N. slope over broken ground.

56.08 Wire fence bears E. and W.

56.40 Trail to ranch bears E and W. at foot of descent.

77.00 Ascend over E. slope of low hills.

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. In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T21N. S.22 on N.E. R47W. S.27 on S.E., S28 on S.W. and S.21 on N.W. faces; with 2 notches on S. and 3 notches on E. edges.

Land rolling sand hills.

Soil sandy 4th rate.

Vegetation bunch grass.

N 89° 38' E. on a random line bet. secs. 22 and 27

40.00 Set temp ¼ sec. cor.

80.10 Intersect N. and S. line 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence I run

S 89° 36' W. on a true line bet. secs. 22 and 27.

Over rolling valley land

1.20 Trail bears N 60° W. and S 60° E

Subdivision of T21 N., R.47 W. Continued

Chains

40.05 Deposit a marked limestone 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.

48.00 Leave valley bears N. and S. Ascend E. slope low hills.

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

80.10 The cor. of secs. 21, 22, 27 and 28.
Land rolling and level.
Soil sandy 3rd rate.
Vegetation bunch grass

N 0° 10' E. bet. secs. 21, and 22.
Over low foot hills.

10.25 Descend gently N. slope

29.00 Foot of descent, enter rolling valley bears E. and W.

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. long, 2 ins. sq. 12 ins. in the ground marked ¼ S. on W. face.

52.10 Trail bears N 80° W. and S 80° E.

73.00 Wire fence bears N 2° W. and S. 2° E. Ascend gently S.W. slope.

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

70.00 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 T21 N. S. 15 on N.E., R 47 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. 6½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land rolling valley

Subdivision of T21 N. R. 47 W. Continued

Chains.

Soil sandy 3rd rate.
Vegetation bunch grass and sand grass.

N 89° 36' E. on a random line bet. secs. 15 and 22

40.00 Set temp. ¼ sec. cor.

80.16 Intersect N. and S. line 2 lks. N. of cor. of secs. 14, 15, 22 and 23.
Thence I run
S 89° 37 W. on a true line bet. secs. 15 and 22
Over low rolling sand hills.

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

11.00 A point on S. slope of ridge

22.50 A point on N. slope of ridge descend over land sloping to N.W.

39.00 Foot of descent, enter valley bears N.W. and S.E.

40.08 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.

58.00 Ascend gently over ground sloping to S.E.

60.81 Wire fence bears N 80° E. and S. 80° W.

68.06 Same fence bears N.W. and S.E.

78.00 Top of gradual ascent, descend over W. slope

80.16 The cor of secs 15, 16, 21 and 22.
Land rolling and level.
Soil sandy 3rd rate.
Vegetation bunch grass and sand grass.

N 0° 10' E. bet. secs. 15 and 16.
Ascend S. slope of low rolling sand hills

2.00 Top of ascent on ridge bears N.W. and S.E. 30 ft above sec. cor. descend N. slope.

9.13 Wire fence bears N.W. and S.E. at foot of descent

Subdivision of T21 N. R47 W. -- Continued

Chains

Ascend gradually over broken ground

40.00 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. dish. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Du S. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins. in the ground, marked 1/4 S. on N. face.

64.40 Top of broken sand bluff

72.00 Ridge bears E. and W. descend N. slope.

80.00 Deposit a marked limestone 12 ins. in the ground for cor. of secs. 9, 10, 15 and 16.; dig pits 18x18x12 ins in each sec. 4 ft. dish; and raise a mound of earth 4 ft. base, 2 ft. high over deposit. Du S.E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked T21 N. S. 10 on N.E. T47 W. S. 15 on S.E., S. 16 on S.W., and S 9 on N.W. faces; with 4 notches on S. and 2 notches on E. edges.

Land hilly and rolling

Soil sandy 4th rate

Vegetation bunch grass and sandgrass.

N 89° 37' E. on a random line bet. secs. 10 and 15

110.00 Set temp. 1/4 sec. cor.

70.10 Intersect N. and S. line at the cor. of secs. 10, 11, 14 and 15

Thence S. run

S 89° 37' W. on a true line bet. secs. 10 and 15 over rolling ground.

10.00 Bottom of depression bears N and S. ascend E. slope

33.00 Top of ascent on ridge bears N and S. descend gully over N. slope.

38.00 Foot of descent enter level land bears N and S.

42.05 Deposit a marked limestone 12 ins. in the ground for 1/4 sec. cor. dig pits 18x18x12

Subdivision of T21 N. R47 W. Continued

Chains

ins E and W. of cor. 4 ft. dish and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Du E. pit drive an oak stake 2 ft. long, 2 ins sq; 12 ins. in the ground, marked 1/4 on N. face.

49.00 Leave level land bears N and S. ascend over broken E. slope.

59.90 Top of ascent on ridge bears N. and S. 100 ft above valley; thence over broken ridges and depressions

67.00 Descend W. slope

80.10 The cor. of secs. 9, 10, 15 and 16. Land hilly and level.

Soil sandy 3rd and 4th rate

Vegetation bunch grass and sandgrass.

N 0° 10' E. bet. secs. 9 and 10.

Ascend S.W. slope over low broken sand hills.

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

24.00 Foot of descent enter rolling valley bears N.W. and S.E.

40.00 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. dish. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit Du S. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face

47.17 Wire fence bears E and W.

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

68.00 Leave valley bears N.W. and S.E.; ascend S. slope, low hills.

80.00 Set an Oak Post 3 ft. long 4 ins. sq. with marked limestone 2 ins. in the ground for Cor. of Secs. 3, 4, 9 and 10, marked T. 21 N. S. 3 on N.E., T. 47 W. S. 10 on S.E., S. 9 on S.W. and S. 4 on N.W. faces with 5 notches on S. and 2 notches on E. edges, dig pits 18x18x12 ins. in each

Subdivision of T. 31 N. R. 47 W. Continued.

Chains	
	sec. 8 ½ ft. dist: and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
	Land level and hilly
	Soil sandy 3rd and 4th rate
	Vegetation bunch grass and sand grass

N 19° 37' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

40.16 Intersect N. and S. line at the cor. of secs. 2, 3, 10 and 11

Thence S run

S 19° 37' W. on a true line bet. secs. 3 and 10

Over level valley land.

7.00 Leave valley over rolling land.

17.31 Trail bears N 20° E. and S 20° W.

26.00 Ascend E. slope

29.30 Top of ridge bears N.W. and S.E., descend over S.E. slope

37.00 Pt. of descent enter valley bears N. and S.

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

44.00 Leave valley bears N. and S., ascend E. slope

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

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

Land hilly and rolling.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass sand sand grass.

December 3rd 1900

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

40.00 Set temp ¼ sec. cor.

Subdivision of T. 31 N. R. 47 W. Continued.

Chains	
84.30	Intersect N. bdry of Tp. 9 lks. W. of the cor. of secs. 3, 4, 33 and 34.
	Thence S run.
	S 0° 14' W. on a true line bet. secs. 3 and 4
	Over E. slope and hills
14.00	Ridge falls S.E. descend S.W. slope
16.00	Pt. of descent, enter valley bears N.W. and S.E.
44.35	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. Dr S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked ¼ S. on W. face.
58.00	Leave valley bears N.W. and S.E. ascend N. slope low hills
69.00	Top of ascent on ridge. bears N.W. and S.E., descend gradually S.W. slope over rolling ground
84.35	The cor. of secs. 3, 4, 9 and 10
	Land hilly and level.
	Soil sandy 3rd and 4th rate.
	Vegetation bunch grass and sand grass

December 6th 1900

From the Stand. cor. of secs. 32 and 33. on S. bdry. of Tp. I run

N 9° E. bet. secs. 32 and 33

Ascend over low sand hills

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

31.50 Descend N.E. slope of ridge.

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. Dr S. pit drive an oak stake 3 ft. long, 2 ins. sq., 12 ins. in the ground, marked ¼ S. on W. face.

46.00 Pt. of descent, enter rolling land.

67.00 Low ridge bears N.W. and S.E.

Subdivision of T21 N., R47 W. Continued

Chains

descend N.E. slopes.

79.00 Foot of descent, enter level valley, bears N. & S.

80.00 Deposit a marked limestone 12 ins. in the ground for cor. of secs. 28, 29, 32 and 33 dig pits 18X18 x12 ins. in each sec., 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, over deposit. Dr in S.E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked T21 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 and hilly.

Soil sandy 4th rate.

Vegetation bunch grass sage and gum

S 89° 51' E. on a random line bet. secs. 28 and 33.

40.00 Set temp ¼ sec. cor.

80.00 Intersect N. and S. line 10 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

N. 89° 55' W. on a true line bet secs. 28 and 33

Over low rolling sand hills.

0.78 Wire fence bears N.W. and S.E.

38.00 Ridge bears N and S. descend W. slope.

40.00 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. Dr 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

47.00 Foot of descent, bears hills enter level Valley bears N and S.

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

Land hilly and level.

Soil sandy 3rd and 4th rate.

Vegetation bunch grass sand sage gum

Subdivision of T21 N. R 47 W. Continued.

Chains

N 0° 9' E. bet. secs. 28 and 29.

Over rolling valley bears N and S.

3.54 Wire fence bears E and W.

4.60 A point 50 lks W. of sod house.

5.52 S. side of sod milch house.

6.50 Trail bears N.E and S.W.

7.00 Board corral bears E and W. S.E. Corner

8.42 Board corral bears E. and W. N.E. Corner.

9.90 Wire fence bears E and W.

19.25 Wire fence bears N.W. and S.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. Dr in S. pit drive an oak stake 12 ins. in the ground, marked 1/4 S. on W. face

62.00 Foot of low hills, bears valley bears E. and W. Ascend S. slope

80.00 Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 20, 21, 28, and 29. 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 in S.E. pit drive and oak stake 2 ft. long, 2 ins. sq.; 12 ins. in the ground, marked. T21 N. S. 21 on N.E. T 47 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.

Rabbit rolling and hilly.

Soil sandy 3rd rate.

Vegetation bunch grass and sand gum.

S 89° 55' E. on a random line bet. secs. 21 and 28.

40.00 Set temp ¼ sec. cor.

80.06 Intersect N. and S. line 23 lks W. of cor. of secs 21, 22, 27 and 28

Thence I run

Subdivision of T.21 N., R.47 W. Continued

Correct plat to N.89° 45' W.

Chains

N 89° 45' W. on a true line bet. secs. 21 and 28
Ascend over low sand hills.
8.25 Top of ascent on ridge bears N.W. and S.E., descend over low hills.
28.71 Trail bears N 10° W. and S 10° E. at bottom descent in pass bears N.W. and S.E. Ascend over broken sand hills.
37.00 Ridge bears N. and S.
40.03 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 on N. face
53.26 Wire fence bears N 60° W and S 60° E.
56.85 Top of ascent on high broken ridge, bears N. and S., descend S.W. face over broken ground.
80.06 The cor. of secs. 20. 21. 28 and 29
Land sand hills.
Soil sandy 4th rate.
Vegetation bunch grass and sand grass

N 0° 9' E. bet. secs. 20 and 21.
Ascend gently over low sand hills.
1.18 Wire fence bears N.E. and S.W.
28.00 Ridge bears N.W. and S.E. 75 ft above valley descend N. slope
37.20 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. 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.
51.00 Bottom descent in depression bears N.W. and S.E. ascend S.W. slope
72.00 Top of ascent on ridge bears N.W. and S.E., descend over N.W. slope.

Subdivision of T.21 N., R.47 W. Continued

Chains

80.00 Deposit a marked lime 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 T.21 N. S. 16 on N.E. R.47 W. S.21 on S.E., S. 20 on S.W., and S.17 on N.W. faces; 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° 45' E. on a random line bet. secs. 16, and 21
40.00 Set temp 1/4 sec. cor.
79.92 Intersect N. and S. line 26 lks. S. of cor. of secs. 15, 16, 21. and 22
Thence I run
N 89° 56' W. on a true line bet. secs. 16 and 21
Descend S.W. slope low sand ridge.
0.36 Wire fence bears N 10° W. and S. 10° E.
5.42 Trail bears N.W. and S.E.
8.00 Foot of descent. enter valley bears N.W. and S.E.
39.96 Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor.; dig pits 18x18x12 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.
49.12 Trail bears ~~bears~~ N 20° W. and S 20° E.
67.62 Trail bears N.W. and S.E.
70.00 Leave valley bears N.W. an S.E ascend E. slope over rolling sand hills
75.00 Top of ascent on low ridge falls N., descend over N.W slope
79.92 The cor. of ~~of~~ secs. 16, 17, 20 and 21

Subdivision of T21 N. R 47 W. Continued

Chains.

Land level valley and low rolling hills.
Soil sandy 3rd and 4th rate
Vegetation bunch grass and sand grass.

N. 0° 9' E. Bch. recs. 16 and 17.
Descend N. slope low hills.

3.00 Foot of descent, enter valley bears N.W. and S.E.

6.35 Trail bears 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. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. Dw S. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins in the ground, marked 1/4 S. on W. face.

43.00 Leave valley bears E. and W. ascend over low rolling hills bears N.W. and S.E.

66.00 Top of ascent, thence over rolling land slopes to W.

80.00 Deposit a marked lime stone 12 ins. in the ground for cor of secs. 8. 9. 16 and 17.: dig pits 18x18x12 ins. in each sec. 4 ft. dist.: and raise a mound of earth 4 ft. base 2 ft high over deposit. Dw S.E. pit. drive an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked T21 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 hilly and level valley.
Soil Sandy 3rd and 4th rate
Vegetation bunch grass and sand grass

S. 89° 56' E. on a random line bch. secs. 9 and 16.

40.00 Set temp 1/4 sec. cor.

80.00 Intersect N. and S. line, 23 lks. N. of cor. of secs. 9. 10. 15 and 16.
Thence I run
N 89° 46' W. on a true line bch. secs. 9 and 16.

Subdivision of T21 N., R. 47 W. Continued

Chains.

Ascend E. slope broken sand hills

10.75 Top of ascent on ridge bears N.W. and S.E. thence over ridges and depressions along N. slope

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

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. Dw E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face

49.73 Wire fence bears N. and S.

61.00 Foot of descent in narrow valley bears N. and S. thence over level land

65.05 Trail bears N. and S.

72.00 Leave valley, ascend E. slope low hills.

77.00 Top of ascent on ridge bears N. and S. descend W. slope

80.00 The cor. of secs. 8. 9. 16 and 17.
Land hilly and level.
Soil Sandy 3rd and 4th rate
Vegetation bunch grass and sand grass.

N 0° 9' E. Bch. secs 8 and 9.
Descend N. slope low rolling hills.

6.00 Foot of descent, enter level valley land bears N.W. and S.E.

24.60 Leave valley bears N.W. and S.E. ascend over low rolling hills.

31.50 Top of ascent: thence over rolling ground.

40.00 Slight 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. Dw S. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked 1/4 S. on W. face

Chains	
	Ascend S. slope.
57.00	Top of ascent 15 ft. above cor. descend N. slope
61.00	Foot of descent. enter level valley Bears N.W. and S.E.
80.00	Deposit a marked lime stone 12 ins. in the ground for cor. of Secs. 4, 5, 8 and 9. dig pit 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. Drive S.E. pit drive and oak stake 2 ft. long, 2 ins. sq., 12 ins in the ground, marked T21 N. S. 4 on N.E., R47 W. S. 9 on S.E., S. 8 on S.W. and S. 5 on N.W. faces; with 5 notches on S. and 4 notches on E. edges.
	Land hilly and level.
	Soil sandy 3rd and 4th rate.
	Vegetation bunch grass and sand grass.

	S 89° 46' E. on a random line between Secs. 4 and 9.
40.00	Set temp 1/4 Sec. cor.
79.84	Intersect N and S. line at the cor. of secs. 3, 4, 9 and 10.
	Thence Drun
	N 89° 46' W. on a true line between secs. 4 and 9.
	Over low rolling hills.
22.35	Descend W. slope.
30.00	Foot of descent. leave hills, enter level valley bears N.W and S.E.
32.44	Trail bears N 80° W. and S 80° E.
39.92	Deposit a marked lime stone 12 ins. in the ground for 1/4 Sec. cor.: dig pit 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. Drive E. pit drive an oak stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. N. face
54.00	Enter sod corrall bears N and S.
58.35	Leave sod corrall bears N and S.

Chains	
60.29	Trail bears N 20° W. and S 30° E.
79.84	The cor. of secs. 4, 5, 8, and 9.
	Land hilly and level valley.
	Soil sandy 3rd rate.
	Vegetation bunch grass and sand grass

December 4th 1900

	N 0° 9' E. on a random line between secs. 4 and 5.
40.00	Set temp 1/4 Sec. cor.
84.03	Intersect N. bdry. of Tp. 3 lks E. of the cor of secs 4, 5, 32 and 33.
	Thence Drun
	S 0° 7' W. on a true line between secs. 4 and 5.
	Over low sand hills
33.00	Leave hills. enter level valley bears E. and W.
38.00	Low ridge bears E. and W.
44.03	Deposit a marked lime stone 12 ins. in the ground. for 1/4 sec. cor.: dig pit 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. 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
	Ascend over low rolling hills.
49.00	Top of ascent. descend E. slope.
59.60	Foot of descent - leave hills, enter level valley
81.00	Trail bears E. and W.
84.03	The cor. of secs. 4, 5, 8, and 9.
	Land hilly and level
	Soil sandy 3rd and 4th rate.
	Vegetation bunch grass and sand grass.

December 6th 1900

	From the S land cor. secs. 31 and 32. on S. bdry of Tp. Drun
	N. 8° E. bet secs. 31 and 32.
	Descend gently over rolling land slopes to, N.E.
13.15	Trail bears N.E and S.W.
40.00	Deposit a marked lime stone 12 ins. in the

Subdivision of T21 N., R47 W. Continued

Chains

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. Dw 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 gently S.W. slope.

50.00 Top of ascent on W. face of hills, thence over broken ground

80.00 Bottom depression, Deposit a marked lime stone 12 ins. in the ground for cor. of secs. 29, 30, 31 and 32.: dig pits 18 X 18 X 12 ins. in each section 4 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high over deposit. Dw S.E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked T21 N. S. 29 on N.E., R47 W. 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 rolling sand hills.
Soil Sandy 4th rate.
Vegetation bunch grass and sand grass

N 89° 26' 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 6 lks. S. of cor. secs. 28, 29, 32, and 33.

Thence Drun

S 89° 22' W. on a true line bet. secs. 29 and 32.

Over rolling sand hills, descending.

3.00 Point of ridge falls N.

7.00 Trail bears N.E. and S.W. at bottom descend - ascend E. slope of ridge

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 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. Dw E. pit drive an oak stake.

Subdivision of T21 N. R47 W. Continued

Chains

2 ft. long. 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.

45.00 Top of ascent on ridge bears N. and S. descend W. slope

80.00 The cor. of secs. 29, 30, 31, and 32.

Land rolling sand hills.
Soil sand 4th rate.
Vegetation bunch grass and sand grass

S 87° 48' W. on a random line bet. secs. 30 and 31.

40.00 Set temp 1/4 sec. cor.

80.72 Intersect W. bdry of Tp. 10 lks N. of cor. of secs 25, 30, 31 and 36.

Thence Drun

N 89° 44' E. on a true line bet secs. 30 and 31

Descend N.E. slope over low hills.

11.72 Foot of descent, enter rolling valley bears N.W. and S.E.

40.72 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. Dw E. pit drive an oak stake 2 ft. long, 2 ins. sq. 12 ins in the ground, marked 1/4 S. on N. face.

50.50 Leave valley bears N.W. and S.E., ascend S.W. slope

60.50 Top of ascent thence over rolling ground

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

76.70 Descend E. slope into depression

80.72 The cor. of secs. 29, 30, 31, and 32.

Land rolling valley and low hills.
Soil Sandy 4th rate
Vegetation bunch grass and sand grass

Subdivision of T21 N. R47 W. Continued.

Chains

No° 08' E. bet. secs 29 and 30.
2.00 Begin ascent over S. slope
9.00 Top, thence over low rolling hills.
34.60 Wire fence bears N.E. and S.W.
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. long 2 ins sq., 12 ins in the ground, marked ¼ S. on W. face.
70.00 Bottom of depression bears E. and W. Ascend S. slope of broken range of sand hills
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 T21 N. S. 20 on N.E., R 47 W. 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 rolling sand hills.
Soil sandy 4th rate.
Vegetation bunch grass and sand grass.

N. 89° 22' E on a random line bet. secs. 20 and 29
40.00 Set temp ¼ sec. cor.
80.18 Intersect N and S. line 7 lks. S. of cor. of secs. 20, 21, 28 and 29.
Thence I run
S. 89° 19' W. on a true line bet. secs. 20 and 29.
Over low broken sand hills.
0.90 Wire fence bears N.E. and S.W.
19.00 Enter low foot hills
21.90 Wire fence bears N.W. and S.E.
40.09 Deposit a marked lime stone 12 ins. in

Subdivision of T29 N. R 47 W. Continued

Chains

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.
60.98 Wire fence bears N.E. and S.W.
70.00 Ascend abrupt S.E. slope.
73.00 Top of abrupt ascent, ascend gradually.
76.00 Top of ridge bears N and S descend W. slope
80.18 The cor. of secs. 19, 20, 29 and 30.
Land sand hills.
Soil sandy 4th rate.
Vegetation bunch grass and sand grass.

S 89° 44' W. on a random line bet. secs. 19 and 30.
40.00 Set temp. ¼ sec. cor.
80.20 Intersect W. bdry of Tp. 7 lks N. of cor. of secs. 19, 24, 25 and 30.
Thence I run
N 89° 41' E. on a true line bet. secs 19 and 30.
Over rolling land
5.00 Ascend W. slope over broken ground.
18.00 Top of high broken sand ridge bears N and S. descend E. slope.
23.00 Foot of ridge, thence over broken ridges and ravines.
38.40 Ridge bears N. and S. descend E. slope.
40.20 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
42.00 Bottom descent in depression, bears N and S. Ascend W. slope over broken ground

Subdivision of B21 N. R47 W — Continued

Chains	
47.80	Top of ridge, bears N. and S. descend steep E. slope
51.00	Bottom descend in depression bears N and S. Ascend S.W. slope.
64.00	Top of ascent on steep S. face of ridge. thence over broken ground Slopes to S.
76.00	Descend S.E. slope.
80.20	The cor. of secs. 19, 20, 29, and 30. Land broken sand hills. Soil sandy 4th rate. Vegetation bunch grass and sand grass.

N 0° 8' E. bet. secs. 19 and 20
Ascend S. slope broken sand hills.

21.00	Top of ascent on E. face of sand peak descend into deep depression.
24.00	Bottom of depression bears E. and W. ascend S. slope
26.30	Top of ascent on N. side of depression. descend N.E. slope over broken ground
36.00	Slope changes from gradual to abrupt.
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 3 ft. long, 2 ins sq. 12 ins. in the ground marked 1/4 S. on W. face.
41.00	Foot of abrupt descent. thence over low rolling hills.
44.08	Wire fence bears N.W. and S.E.
69.60	Leave low hills. ascend S slope.
80.00	Set an Oak Post 3 ft. long 4 ins sq., with marked Sandstone 24 ins. in the ground for Cor. of Secs. 17, 18, 19 and 20, marked "T. 21 N., S. 17 in SE., R. 47 W. S 20 in SE. S. 19 on SW. and S. 18 on NW. faces, with 3 notches on S. and 5 notches on E. Edges. dig pits 18x18x12 ins. in each Sec. 5½ ft. dist.

Subdivision of B21 N. R47 W. — Continued

Chains	
	and raise a mound 2 ft base 2 ft. high. W. B cor. Land broken sand hills. Soil sandy 4th rate. Vegetation bunch grass and sandgrass

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N 89° 19' E on a random line bet. secs. 17 and 20.

40.00	Set temp. 1/4 sec. cor.
80.04	Intersect N. and S. line 6 lks N. of cor. of secs. 16, 17, 20 and 21 Thence Drun S 89° 21' W. on a true line bet. secs. 17 and 20. Descend gradually over N. slope, low hills
15.00	Bottom descent enter rolling land 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.
80.04	The cor. of secs. 17, 18, 19 and 20 Land rolling and hilly Soil sandy 3rd rate Vegetation bunch grass and sandgrass

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S. 89° 41' W. on a random line bet. secs. 18 and 19.

40.00	Set temp 1/4 sec. cor.
79.12	Intersect W. bdry of Sec. 12 lks N. of cor. of secs. 13, 18, 19 and 24. Thence Drun N 89° 46' E. on a true line bet. secs. 18 and 19. Ascend on N. slope.

Subdivision of T.21 N. R.47 W. — Continued

Chains

13.00 Top of ascent on N. face of hills, descend N.E. slope.

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

39.12 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.

42.00 Top of ridge bears N.W. and S.E. descend N.E. slope

48.00 Foot of descent thence along an S. slope

53.96 Wire fence bears N.W. and S.E.

75.00 Descend over S.E. slope

79.12 The cor. of secs. 17, 18, 19 and 20.
Land broken sand hills.
Soil sandy 4th rate.
Vegetation bunch grass and sand grass.
December 5th 1900.

No° 8' E. bet. secs. 17 and 18.
Over rolling valley land.

22.38 Trail bears E. and W.

26.00 Top of slight raise in valley.

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. long 2 ins. sq., 12 ins. in the ground, marked ¼ S on W. face.
This cor. is 1 ch N. of old lake bed, which bears N.W. and S.E

57.00 Leave valley, bears N.W. and S.E. ascend rapidly over S.W. slope

67.00 Top of rapid ascent thence over rolling ground, sloping to S.W. ascending slightly.

75.00 Top of ascent on ridge bears N and S.

80.00 Deposit a marked lime stone 12 ins in

Subdivision of T.21 N. R.47 W. — Continued

Chains

the ground for cor. of secs. 7, 8, 17 and 18; 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 T21 N. S. 8, on N.E. R.47 W. S.17 on S.E. S.18 on S.W. and S.7 on N.W. faces: with 4 notches on S. and 5 notches on E. edges.
Land rolling valley and low sand hills
Soil sandy 3rd and 4th rate.
Vegetation bunch grass and sand grass.

N 89° 21' E. on a random line bet. secs. 8 and 17.

40.00 Set temp ¼ sec. cor.

80.16 Intersect N. and S. line 12 lks S. of cor. of secs. 8, 9, 16, and 17.
Thence I run
S 89° 16' W. on a true line bet. secs. 8 and 17
Ascend S.E. slope over high sand ridges.

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

18.00 Top of ascent thence over rolling ground sloping to S.

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

34.00 Bottom descent in depression bears N and S.

40.08 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.

51.00 Ridge bears N. and S. descend W. slope

55.00 Sand point, descend over ridges

69.00 Ridge bears N. and S.

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

80.16 The cor. of secs. 7, 8, 17 and 18.

Subdivision of T21 N. R47 W. — Continued

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

S. 89° 46' W on a random line bet. secs 7 and 18.

40.00 Set temp ¼ sec. cor.

79.16 Intersect W. bdy of Sp. 5 lks. S. of cor. of secs. 7, 12, 13 and 18.

Thence S run

N 89° 48' E. on a true line bet. secs. 7 and 18.

Over rolling valley.

39.16 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. dish., 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 ¼ S. on W. face

48.75 Wire fence bears N.E. and S.W.

60.00 Leave valley bears N.W. and S.E. ascend S.W. slope.

78.53 Top of ascent on ridge bears N. and S. descend

78.16 The cor. of secs. 7, 8, 17, and 18.

Land rolling valley and low sand hills.

Soil sandy 3rd rate

Vegetation bunch grass and sand grass.

N 0° 8' E. bet. secs. 7 and 8.

Ascend S.W. slope.

1.50 Top of ascent 20 ft. above sec cor. thence over very broken ground

7.50 Depression bears E. and W.

18.50 Sand ridge bears E and W.

21.70 Ridge bears E. and W. down

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. dish and raise a mound of earth 3½ ft. base, 1½ ft. high over

Subdivision of T21 N. R47 W. — Continued

Chains	
	deposit. Drive S. pit drive an oak stake 2 ft. long, 2 ins sq. 12 ins in the ground, marked ¼ S. on W. face, stone run low hills.
52.00	Ridge bears N.W. and S.E.
61.00	Point on W. slope of ridge. descend gradually over N.W. slope
72.00	Descend over N. slope.
80.00	Deposit a marked lime stone 12 ins. in the ground for cor. of secs 5, 6, 7, and 8. dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dish. 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 T21 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 broken sand hills
	Soil sandy 4th rate
	Vegetation bunch grass and sand grass.

N 89° 16' E. on a random line bet. secs. 5 and 8.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line 12 lks S. of the cor. of secs. 4, 5, 8, and 9.

Thence S run

S 89° 11' W. on a true line bet. secs. 5 and 8.

Over level valley land.

9.00 Foot of sand hills bears valley bears N.W. and S.E. ascend N.E. slope.

22.00 Top of ascent thence over ridges sloping to N.

40.06 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. dish, 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 ¼ S. on N. face

46.50 Ridge bears N.W. and S.E. descend

Subdivision of T21 N. R47 W. — Continued

Chains	
	S.W. slope
52.00	Foot of descent, thence over low rolling hills
80.12	The cor. of secs 5.6. 7 and 8. Land sand hills. Soil sandy 4th rate. Vegetation bunch grass and sand grass

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S 89°48' W. on a random line bet. secs. 6 and 7.

40.00	Set temp 1/4 Sec. cor.
77.20	Intersect W. bdry of Sp. 16 lks. S of cor. of secs 1, 6, 7, and 12. Thence I run N. 87°55' E. on a true line bet. Secs. 6 and 7. Over rolling land in S edge of valley
39.20	Deposit a marked lime stone 12 ins. in the ground for 1/4 sec. cor.: dig pits 15x15x12 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.
53.81	Wire fence bears N 10° E. and S 10° W.
54.00	Lear valley trail bears N and S. Ascend over low rolling sand hills.
73.00	Top of ascent, on low hill. descend E. slope
79.20	The cor. of secs. 5, 6, 7 and 8. Land rolling and hilly. Soil sandy 3rd and 4th rate Vegetation bunch grass and sand grass.

N 0° 8' E. on a random line bet. secs 5 and 6.

40.00	Set temp 1/4 sec. cor.
85.11	Intersect N. bdry of Sp. at the cor. of secs. 5, 6, 31 and 32. Thence I run S 0° 8' W. on a true line bet. secs 5 and 6.

Subdivision of T21 N. R47 W. — Concluded

Chains	
	Descend gentle over S. slope.
2.00	Bottom of descent, enter valley trail E and W.
7.98	Trail bears E and W.
18.00	Lear valley trail bears E and W. ascend N. slope low sand hills.
24.00	Top of ascent, thence over broken ground.
31.07	Wire fence bears N.W. and S.E.
45.11	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.
47.30	Trail bears N 80° W and S 80° E.
60.50	Descend S.E. slope.
66.00	Foot of descent in depression bears E and W. thence over low foot hills.
74.45	Wire fence bears N 85° E. and S 85° W.
85.11	The cor. of secs 5, 6, 7, and 8 Land hilly and rolling. Soil sandy 3rd and 4th rate. Vegetation bunch grass and sand grass.

December 7th 1900

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

Chains

See 61

Survey of the T. C. of Mary A. Quincy, owned by Coote C. Mulloy. 160 acres in Secs. 28, 29, 32 and 33.
A fence post being shown me as the N. W. Cor. of this claim - the S.W. Cor. of the N.E. claim of William A. Hibler and the S.E. Cor. of the T. C. of Samuel A. Quincy Sr. all of these claims being owned by Mr. Mulloy.
From the fence post mentioned the Cor. of Secs. 28, 29, 32 and 33. bears S. 42°06' E. 5.22 chs. Latitude 3.87 chs.
Departure 3.50 chs.
From this Cor. I run
East bet. Hibler and Quincy claims.
Over rolling ground.
0.30 Trail runs N.E. and S.W.
2.63 House yard fence runs N. from pt. 1rd S.
4.18 Point 60 lks S. of house
8.38 House yard fence runs N. from pt. 1rd S.
1.48 Wire fence runs N. 85° E. and S. 85° W.
38.00 Ascend gently.
40.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. of claim, and S.E. Cor. N.E. of William A. Hibler 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 W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
C. C. M. on N. W. and S.W. face

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

S. along E. bdry
Over rolling ground at foot of low hills ascending gently.
23.00 Ascend N. slope gradually.
34.00 Top of ascent, thence over rolling ground.
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.
C. C. M. on N. W. face

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

Chains

West along S. bdry.
Over rolling ground.
12.00 Descend gently.
32.00 Bottom descent, ascend gradually along N.E. slope
40.00 Set temp. Cor.

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

From the N. W. Cor. described on page 46. I run
S. along W. bdry
Over rolling ground.
0.35 Trail runs S.W. and N.E. ascend gently.
12.00 Low hill or ridge - over rolling ground.
30.00 Ascend N. slope
40.00 The S.W. temp 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.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
C. C. M. on N. E. face

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

Sec 60

Survey of N.E. of William A. Hibler owned by Coote C. Mulloy 160 acres in Secs. 28 and 29
The S. bdry being described in field notes of Survey of Claim of Mary A. Quincy.
From the S.W. Cor. I run
N. on W. bdry bet. Claims of Hibler and Quincy Sr.
Over rolling ground.
47.0 Wire fence runs N. 10° W. and S. 10° E.
18.12 Wire fence runs N. 80° W. and S. 80° E.
40.00 Deposit marked flint stone 12 ins in the ground

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

Chains

for N. W. cor of claim and S.W. Cor. N.E. of Eda M. Hathaway mined by Mulloy - 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 ~~trees~~ an Oak stake 2 ft. long 2 ins sq. 12 ins in ground, marked
C. C. M. on N.E. and S.E. faces
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, sand & meadow grass.

East on N. bdry bet. Claims of Hubler & Hathaway
Over level meadow land.
37.20 Trail runs N.E. and S.W. across gently.
40.00 Deposit marked limestone 12 ins. in ground for N.E. Cor of claim and S.E. cor of Hathaway claim, dig pits 18x18x12 ins. 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 the ground, marked.
C. C. M. on S.W. and N. W. faces
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, meadow & sand grass

South on E. bdry
Over low hills on E. edge of valley.
20.00 West face low ridge. descend
30.00 Bottom descent, ~~limit~~ over rolling ground.
38.60 Wire fence runs E. and W.
40.00 The S.E. Cor. of claim
Land rolling
Soil sandy 3rd rate
Vegetation, sand grass.

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

Chains

Sec. 29

Survey of N.E. Claim of Eda M. Hathaway owned by Coote & Mulloy. 80 acres in Secs. 28 and 29
The S. bdry and the S.W. cor. being described in field notes of the Survey of N.E. of William A. Hibler
The S.W. Cor. bears N. 43° W. 5.18 chs. from the ¼ Sec. Cor. bet. Secs. 28 and 29 Latitude 3.87 chs N. Departure 3.60 chs. W. North along W. bdry bet. Hathaway and Survey Cr.
Over rolling ground
20.00 Deposit marked limestone 12 ins. in the ground for N.W. cor of Claim and N.E. Cor. T.C. of Sec. 29 & 28 Survey Cr. 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 ground, marked
C. C. M. on S.W. and S.E. faces.
Land level and rolling
Soil sandy 2nd & 3rd rate
Vegetation, sand & meadow grass.

East along N. bdry
Over low hills on N. edge of valley.
2.00 Ascend S.W. slope
13.10 Top of ascent 50 ft. on S. face low ridge - descend
15.00 Bottom descent - over rolling ground
23.00 Ascend S.W. slope
27.00 Descend S.E. slope
30.00 Bottom descent, over rolling ground.
40.00 Set temp. N.E. Cor. of claim
Land level and broken
Soil sandy 3rd and 4th rate.
Vegetation, sand grass.

From the S.E. Cor of claim as described in Survey N.E. of William A. Hibler I run
North on E. bdry.
Over low rolling hills.
1.50 Trail runs N. and S.E.
20.00 Sufficient N. bdry at the temp Cor. to deposit marking

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

Chains

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
C.C.M. on S.W. face

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

Sec. 62

Survey of T.C. Claim of Lamuel A. Quincy Sr. 160 acres
in Secs. 29. owned by Coote C. Mulloy.
The S.E. Cor. the N.E. Cor. and the East boundary being
described in the field notes of the Survey of Hath-
away and Hibler claims.
From the N.E. Cor. of Claims. I run
West on N. bdry.
Over rolling ground.
6.75 Wire fence runs N. and S.
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
C.C.M. on S.E. face

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

South along W. bdry of N. 80 acres of claim
Over rolling ground.
10.00 Ascend low hills.
25.00 Top of ascent thence descend gently.
40.00 Set temp. S.W. Cor. N. 80 acres.

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

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

Chains

From the S.E. Cor. of Claim I run
West on S. bdry
Over rolling ground.
6.73 Wire fence runs N. from pt. 15 lks. S. ascend N.E.
slope low hills ~
22.00 Top thence ascend gentle S.W. face
32.00 Top of ascent 30 ft. Over rolling S. face
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
C.C.M. on N.E. face

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

North along W. bdry
Over rolling hills.
20.00 Deposit marked limestone 12 ins. in the ground
for N.W. Cor. N. 80 acres 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.
C.C.M. on S.E. face

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

East on N. bdry S.W. 40 acres of claim
Over rolling ground on E. face hills
5.00 Descend gradually
15.00 Bottom descent in rolling ground.
20.00 Intersect W. bdry. N. 80 acres of claim at the Temp.
S.W. Cor. Deposit marked limestone 12 ins. in the
ground for S.W. Cor. N. 80 acres of claim

Chains

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
C. C. M. on N. E. face

Land rolling
Soil sandy 3rd and 4th rate
Vegetation, sand, grass.
December 8. 1900.

Sec. 58

Survey of the H. E. Claim of James A. Rodgers. 160 acres in Secs. 23, 26 and 27 owned by John Covalt. A stake in mound is shown me by Mr. Covalt said to be the "midde" point on E. bdry of Claim also the SW. Cor of H. E. of Katie Preston
From this Cor I runs S. on E. bdry of claim.
Over level meadow land.

20.00 Deposit marked limestone 12 ins. in the ground for S. E. Cor. of claim being also the N. E. Cor. of West part of H. E. Claim of Jesse D. Petty, 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
C. [illegible] W. and
J. D. P. on N. E. faces

Land level
Soil sandy 2nd rate.
Vegetation. meadow grass.

West on S. bdry
Over level meadow
12.00 Ascend low hills.
16.00 Top of ascent 20 ft
19.07 Wire fence runs N. 10° E. and S. 10° W.
22.00 Descend gently.
26.85 Trail runs N. W. and S. E. enter meadow land.

Chains

41.00 Ascend gentle N. E. slope low hills.
52.00 Top of ascent, descend gently
60.00 Set temp SW. Cor.

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

From old Cor. described as midde point on E. bdry
I run
N. bet. Covalt and Preston
Over rolling valley land.
0.08 Wire fence runs E and W.
0.25 Trail along fence
13.00 Point, 1 chs W. of Preston's house.
20.00 Deposit marked limestone 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 ground, marked.
J. C. on SW. face

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

W. on N. bdry N. E. 40 acres of claim
Over rolling ground.
16.00 Trail bears N. E. and SW.
19.30 Trail runs N. 20° E. and S. 20° W.
20.00 Deposit marked limestone 12 ins. in the ground for N. W. Cor. N. 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. 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. C. on S. E. face
This Cor. bears N. 20° 35' W. 8.46 chs. dist from ¼ Cor. bet. Secs 23 and 26. Latitude N. 7.92 chs. Departure W. 2.98 chs.

Land rolling, Soil sandy 3rd rate.

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

Chains	
	South on W. bdry of N. E. 40 acres of claim over rolling ground.
2.15	Trail bears N 20° E. and S 20° W.
4.37	Trail bears N.E. and S.W.
20.00	Deposit marked limestone 12 ins in ground for S.W. Cor. N.E. 40 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. Set W. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in ground, marked. J. C. on N.E. face

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

West on N. bdry S. part of claim over rolling ground.

4.30	Trail bears N. and S.
7.50	Pt. 4 chs. N. of Cwalk's house
8.31	Point 9.80 chs. N. of Track in stake on Meridian established October 15. 1900.
16.71	Wire fence bears N. 60° W and S. 60° E.
20.20	Trail along fence
23.50	Enter dry bed slough, bears N. W and S.E.
27.50	Leave slough - fence over meadow land.
40.00	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 Set E. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins in ground, marked J. C. on N.E. face

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

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

Chains	
	S. along W. bdry of Claim. Over meadow land.
3.08	Trail bears N. 80° W. and S 80° E.
20.00	Intersect S. bdry at temp Cor. deposit marked limestone 2 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 Set W. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked. J. C. on E. face

Land level
Soil sandy 2nd rate
Vegetation, meadow grass

Sec. 26

Survey of N.E. Claim of Katie Preston. 160 acres, incls. 23, 24, 25 and 26.
From the S.W. Cor. of claim as described in field notes of H.E. of James. A. Rodgers. 4 runs
East along S bdry.
Over level ground

37.00	Enter basin like depression, bears E. and W.
40.00	Deposit marked limestone 12 ins in 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 Set N. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins in ground, marked. K.P. on N. W. face

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

N. on E. bdry.

1.00	Ascend S.E. face of ridge.
3.78	Wire fence bears N 80° E. and S 80° W.
4.40	Trail along fence
8.20	Top of ascent 75 ft thence over broken ground.
19.10	Descend N. face gently

Claim Lines of T. 21 N. R. 4 W. Continued

Chains

40.00 Set temp. N.E. Cor. of claim
Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass.

North along W. bdry from the N.E. Cor. N.E. of James
A. Rodgers
Over rolling ground.
19.30 Trail bears N.E. and S.W.
20.00 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
Set E. pit. drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in
ground, marked
T.P. on S.E. fac

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

East along N. bdry
Over rolling ground
0.00 Trail bears N. and S.W.
17.01 Ascend N.W. slope low hills.
19.00 Top of ascent 30 ft. on N. face hills
40.00 Intersect E. bdry at temp. N.E. Cor.
deposit marked limestone. 2 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
2nd. pit drive an Oak stake 2 ft long 2 ins. sq 12
ins. in ground, marked
T.P. on S.W. fac

This absurdity and omission occurs in the original field notes. This is practically the line of Patton E. 20.00 108

The S.E. Cor. of claim bear S. ..... E. ..... chs. dist from
a Set. Secs. 23 and 26 Latitude S. 12.07 chs. Departure E. 17.01 chs
Land rolling and broken
Soil sandy 2nd and 3rd rate
Vegetation, sand grass

Claim Lines of T. 21 N. R. 4 W. Continued.

Chains

Sec. 57

Survey of N.E. of Jesse A. Petty - 160 acres in Sec. 26.
Point determined for S.E. Cor. being a stake shown by
Jacob Petty, which bears N. 53° 25' W. 12.87 chs. dist from
Cor. of Secs. 25, 26, 35, and 36 Latitude N. 7.67 chs.
departure W. 10.33 chs. at this point designated
a deposit marked limestone 12 ins. in ground for S.E.
Cor. of claim dig pits 18x18x12 ins. N. and W. Cor. 4
ft. dist and raised a mound of earth - 3½ ft. base 1½
ft. high over deposit.
Set N. pit. drive an Oak stake 2 ft. long 2 ins. sq 12
ins. in ground, marked
J. A. P. on N.W. fac — From this Cor. 4 ins —
N. on E. bdry.
Descend gently.
1.20 Trail bears N. 20° W. and S. 35° E. thence over
rolling ground.
14.60 Trail bears N. 60° E. and S. 60° W. ascend gently.
20.00 Low ridge - descend gently.
30.00 Bottom descent thence over rolling ground.
40.00 Intersect S. bdry of Katie Preston N.E. at a point
12.42 chs. E. from the S.W. Cor. therefore when I deposit
marked limestone 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
Set S. pit drive an Oak stake 2 ft long 2 ins. sq. 12
ins. in ground, marked.
J. A. P. on S.W. fac

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

Mr. Petty represented claim that this tract of land should extend W. 20 chs. from the corner described above, as this would cause a conflict with the Rodgers N.E. owned by John Covalt. I advised them to take land on the South of their W. 40 acres to make up this deficiency which would give them land of like value.

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

Chains

From the S.E. Cor. of claim I run
W. on S. bdry.
Ascend gently along N. slope low hills.
4.40 Descend gently along N. W. slope
10.00 Trail runs N. and S.
12.50 Ascend gradual E. slope low hills.
18.50 Top of ascent on low hills
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
J. D.P. on N.E. face

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

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error in original notes

The amount of land that would of been surveyed in conflict, had this tract been laid out in its regular form, would have been 20.00 - 12.42 x 20.00 or 8.58 chs wide and 20 chs. long which would be 1716 acres this amount of land I make up to Mr. Petty by surveying it out on the S. side of his W. 40 acres. Therefore I run
N. on W. bdry. E. part of claim.
3.00 Descend gradual N. slope
8.62 Wire fence N 70° W. and S. 70° E. enter meadow land.
12.42 Deposit marked limestone 12 ins. in ground for S.E. Cor. of W. 40 acres 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
J.D.P. J.P.D. on S.E. face

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

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

Chains

W. on S. bdry. W. 40 acres.
Over level ground.
5.63 Wire fence runs N. W. and S.E. ascend N.E. slope low hills.
10.00 Top of ascent 50 ft. descend over low hills.
15.07 Wire fence runs N. and S. enter depression
20.00 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 ground, marked
J. D.P. on N.E. face

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

N. on W. bdry
Over rolling ground, ascending gently.
6.60 Top of ascent, descend gradually.
11.60 Bottom descent, thence over rolling valley land.
27.58 Intersect S. line of Rodger's H.E. owned by John. Covalt. at a pt. 27.58 chs. W. from S.E. Cor. of Rodgers claim - 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.
J.D.P. on S.E. face

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

60

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

Sec 55

Chains

Survey of the T. C. Claim by James A. Rodgers 160 acres in Secs. 22 and 27 owned by John Coalt.
A stake in mound being shown me by Mr. Coalt
as the old N. W. Cor. of Claim - being also the middle
Cor in the East boundary of the T. C. of George T. Rodgers
and the S.W. Cor. of 40 acres of the Pre. of John W. Rodgers.
the two last named claims owned by Carl A. Wagoner
From the Cor. above described I run
East between Coalt and Wagoner on N. bdry of Coalt claim
Over level meadow land.

20.00 Deposit marked limestone 12 ins. in the ground for S.E.
Cor. Pre. John A. Rodgers, owned by Wagoner dig pits 18x18x8
12 ins. North 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
C. A. W. on N. W. face

40.00 Deposit marked limestone 12 ins. in ground
for N. E. Cor. of 80 acres of claim dig pits 18 - 18 - 12
ins. N. 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
J. C. on S.W. face

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

From E. bdry
Over level meadow land
20.00 Set temp S.E. Cor. of 80 acres of claim.
Land level
Soil sandy 2nd rate
Vegetation, meadow grass.

From the old N. W. Cor. I run
South - bet. Coalt and Wagoner
Over level valley land

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

Chains

17.00 Ascend N. slope 2 low hills —
18.50 Top of ascent 40 ft. thence over rolling ground
20.00 Deposit marked limestone for S.W. Cor. of Claim and
S.E. Cor. T. C. George A. Rodgers. owned by Wagoner.
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
S. E. in N. E. and
C. A. W. on N. W. face.

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

East on S. bdry 79.80 acres.
Over rolling ground on top of hills.

9.75 Descend N.E. slope
13.00 Bottom descent - Enter valley - of N and E.
20.00 Deposit marked limestone for N. W. Cor of 80 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
J. C. on S.E. face.

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

South on N. bdry 80 acres.
Over valley land
9.00 Ascend very gently - over low rolling hills.
20.00 Deposit marked limestone 12 ins. in the ground
for N.W. Cor. 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 dep. sit

Claim Lines of T. 21 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.
T. C. on N. E. face

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

E. on S. bdry. S. 80 acres.
Over low hills
20.00 Descend gently.
26.00 Enter level valley land.
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 dep. pit.
In N. pit. drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. C. on N. W. face.

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

N. on E. bdry.
Over level meadow land.
10.00 Trail runs N. W. and S. E. descend gently.
13.75 Wire fence bears N. W. and S. E.
20.00 Creek marked limestone 12 ins. in ground for N.E. Cor. of 80 acres of claim, dig pits 18 x 18 x 12 ins. in S. 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
T. C. on W. face.

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

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

Chains.

West on N. bdry. of E. ½ 80 acres.
Descend gentle SW. slope
3.47 Wire fence bears N. W. and S. E.
5.00 Trail along fence & enter level valley.
20.00 Intersect E. bdry. N. 80 acres of Claim at Cor. deposit marked limestone 12 ins. in the ground for S.E. Cor. N. 80 acres of Claim. 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 N. pit. drive an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. C. on N. W. face

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

The old Cor. shown me by Mr. Cavalt as the N.W. Cor. of this Claim. bears S. 53° 42' E. 20.08 chs. dist from a Cor. bet. Secs. 21 and 22. Latitude S. 11.89 chs. Departure E. 16.19 chs. being 16.21 chs. from Cor. line at this point. — December 10. 1901

Sec. 54

Survey Pre. of John W. Rodgers. 120. acres in Secs. 21. and 22. owned by John Cavalt.
From old Cor. described on page 60. 4 runs
North bet. Rs. and T. C. Claims.
Over level meadow land.
20.00 Deposit marked limestone 12 ins. in the ground for N.W. Cor. S.E. 40 acres. and the N.E. Cor. of T.C. of Rodgers owned by Wagoner. 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 dep. pit
In T. pit, drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked.
T. C. W. on S.E. and S.W. faces.

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

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

Claims

W. on S. bdry N. W. 40 acres bet. Pre. and T.C. Claims
Over level meadow land
14.76 Wire fence bears N. 5° W. and S. 5° E.
20.00 Set temp Cor.
Land level
Soil sandy 2nd rate
Vegetation, short meadow grass

From the S.E. Cor. of Claim established in Survey T.C. of James A. Rodgers and described on page 60 [illegible] N. on E. bdry. of Claim
Over level valley.
11.20 Trail N. 80° W. and S. 80° E.
23.00 Ascend S. slope low hills.
[illegible] Top of ascent 30 ft. thence over low hills.
[illegible] 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. in the ground, marked.
C. A. W. on S.W. face
Land level and rolling
Soil sandy 2nd & 3rd rate
Vegetation, sand and meadow grass

W. on N. bdry.
Over low hills
[illegible] Ascend gently
20.00 Enter level valley.
31.00 Trail bears N. W. and S. E.
35.70 Wire fence bears N. 5° W. and S. 5° E.
[illegible] Deposit marked limestone 12 ins. in the ground for N. W. Cor. of Claim and N. E. Cor. of N.E. Claim of George F. Rodgers owned by Wagoner dig pits [illegible] 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. 21 N. R. 47 W. Continued

Claims

In S. pit drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked.
C. A. W. on S.W. and S.E. faces.
Land level and rolling
Soil sandy 2nd and 3rd rate.
Vegetation, meadow and sand grass

South bet. Pre. and N.E. Claims.
Over level meadow
15.70 Trail bears E. and W.
20.00 Intersect S. bdry W. 40 acres at the temp Cor. deposit marked limestone 12 ins in the ground for S.W. Cor. W. 40 acres Pre. and S.E. Cor. E. 40 acres N.E. 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
C. A. W. on N. W. and N.E. faces
Land level
Soil sandy 2nd rate
Vegetation, meadow grass

Sec. 52

Survey N.E. Claim of George F. Rodgers 160 acres in Secs. 21 owned by Carl A. Wagoner.
From the N.E. Cor. of Claim established in Survey Pre. Claim of John W. Rodgers
W. on N. bdry.
Over level valley land
35.00 Point 6 chs. N. of House
40.00 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
C. A. W. on S.E. face
Land level Soil sandy 2nd rate
Vegetation, short meadow grass

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

Chains

South on W. bdry
Over level land
2.00 Trail bears N. 10° W.
4.25 Trail bears N. 60° W. and S. 60° E.
4.50 Trail, same as one at 2 chs. runs N. 10° E. and S. 10° W.
6.65 Wire Corral runs E. from pt. 1rd W.
8.25 Sod corral bears N.E. and S.W.
10.34 Wire corral fence runs E. and W.
41.40 Trail bears N. 25° W. and S. 25° E.
49.00 Ascend abrupt N.E. slope
57.00 Top 30 ft. on W. face low sand bluff thence over broken ground.
60.00 Deposit marked limestone - 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
C. A. W. on N.E. face
Land, level and broken
Soil sandy 2nd and 3rd rate
Vegetation Land and bunch grass.

East on S. bdry
Over broken ground
6.70 Ridge descend abruptly.
13.70 Bottom descent at trail, bears N. and S. thence over rolling ground in basin.
[illegible] Set temp S.E. Cor. H.E. at temp S.W. Cor. T.C.
Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation Land and bunch grass.

From the S.E. Cor. N.E. 40 acres of Claim established in Survey of Rodgers Pre. which bears N. 24°58' W. 8.95 chs. dist. from S.W. Cor. bet. Secs. 21 and 22. Latitude N. 8[illegible] chs. Departure W. 3.78 chs. dist. being 3.79 N. from S.W. line at that point - I run

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

Chains

W. bet. H.E. and T.C. Claims
Over level valley land
20.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. N.E. 40 acres and N.W. Cor. T.C. 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
C. A. W. on N.E. and S.E. faces.
Land, level
Soil sandy 2nd rate
Vegetation, meadow land.

South on E. bdry W. 80 acres bet. N.E. and T.C. Claim
Over level valley.
15.00 Ascend gentle N. slope low hills
26.50 Low ridge - descend gently.
30.00 Bottom descent thence over rolling ground.
40.00 Intersect S. bdry at temp S.E. Cor. deposit marked limestone 12 ins. in the ground for S.E. Cor. Claim and S.W. Cor. T.C. 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
C. A. W. on N.W. and N.E. face
Land, level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, meadow and sand grass.

S. 53

Sec. 53.

Survey of T.C. of George F. Rodgers owned by Carl A. Wagoner. 160 acres in Secs. 21 and 22. The East North and West boundaries being described in Survey of H.E. of George Rodgers Pre. of John W. Rodgers and the T.C. of James A. Rodgers ~ From the S.W. Cor. heretofore described I run ~ East on S. bdry.
Over rolling ground.

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

Chains	
5.00	Ascend gently:
8.00	Top of ascent. Thence over low hills.
26.50	Descend gently:
27.19	Wire fence runs N. 5° W. and S. 5° E.
40.00	The S.E. Cor. of Claim.

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

Sec. 46

H.E. Joseph D. Jordan 160 acres in Secs. 16 and 17 mined by Carl A. Hagans.
The S.E. Cor. of Claim as shown, being a Cedar post in mound, which post bears N. 89° 58' E. 20.52 chs. dist Latitude N. 0.29 chs. Departure E. 20.50 chs. dist from the Cor. of Secs. 16, 17, 20 and 21. From this old Cor. I run N. on E. Bdry.
Over rolling valley.

37.00	Trail N. 10° W. and S. 10° E.
40.00	Deposit marked limestone 12 ins. in the ground for N.E. Cor. of Claim, dig pits 8 & 12 ins. E. and N. 8 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.
C. A. H. on S. N. face.

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

N. on N. Bdry.
Over rolling valley.

0.65	Trail runs N. and S.
25.00	Ascend S.E. slope hills ~
36.00	Top of ascent 50 ft. on N. slope descend gently.
40.00	Set imp. N.W. Cor.

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

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

Chains	
	From the S.E. Cor. of Claim I run N. on E. Bdry.
	Over rolling valley land
8.80	Trail bears N.W. and S.E.
14.50	Top of ascent 30 ft. on N. face low hill.
20.00	Deposit marked limestone in mound on the ground for N.E. Cor. & 40 acres Cor. of James A. Rodgers mined by N. a grown dog pits 18 & 18 ins. E. and N. 8 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
	C. A. H. on S.W. face
	Descend gently.
30.00	Bottom descent thence over level ground.
40.00	Deposit marked limestone 12 ins. in the ground for S.W. Cor. of Claim and the S.E. Cor. of N.W. 40 acres Cor. of James A. Rodgers dig pits 18 & 18 ins. 12 ins. S. and E. of 8 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
	C. A. H. on N. N. and N. E. faces.

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

N. on N. Bdry.
Over rolling valley.

3.00	Low ridge
12.12	Trail bears E. and N.
36.11	Ascend S. slope hills gradually.
40.00	Intersect N. Bdry. at 40 ins. Cor. Deposit marked limestone 12 ins. in ground for N.W. Cor. of Claim and N.E. Cor. of James A. Rodgers. Thence dig pits 18 & 18 & 12 ins. S. and E. of Cor. 8 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

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

Chains

C. A. W. on S.E. and S.W. faces.
Land level and rolling
Soil sandy 2nd and 3rd rate.
Vegetation Sand grass.
December 11. 1900

Sec. 51

Survey of the Pre. of James A. Rodgers 160 acres in Secs. 17. 20. and 21. owned by Carl A. Wagoner.
From the N.E. Cor. established in Survey Jordan N.E.
Trun — W. on N. bdry.
Descend gently.
2.50 Bottom descent over rolling ground.
10.00 Ascend S.E. slope gently.
15.50 Top of ascent 30 ft. descend gently.
20.00 Deposit marked limestone 12 ins. in the ground for N.W. Cor. of Claim and N.E. Cor. Pre. of George F. Rodgers owned by Wagoner dig pits 18x18x12 ins. Land 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 ground, marked
C. A. W. on S.E. and S.W. faces
Land rolling
Soil sandy 3rd rate.
Vegetation Sand grass.

South bet. Pre. Claims of John and George Rodgers
Descend gently.
2.00 Bottom descent. Enter rolling valley.
22.74 Trun E. and W.
40.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. Pre. of George F. Rodgers. 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
C. A. W. on N.W. face
57.00 Descend low hills
60.00 At temp. S.W. Cor. Claim Land level and rolling
Soil sandy 2nd and 3rd rate

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

Chains

From the N.E. Cor. established in Survey of Jordan Claim
Trun — S. on E. bdry.
Ascend low hills.
9.00 Top of ascent over broken ground.
18.00 Descend.
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
C. A. W. on N.W. face
Land rolling and broken
Soil sandy 3rd and 4th rate.
Vegetation, Sand grass.

West on S. bdry
Descend low hills.
6.00 Bottom - enter neck of valley extend to N.
24.00 Leave valley - N.W. and S.E. ascend gently
40.00 Intersect W. bdry at temp. Cor. - 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
C. A. W. on N.E. face
Land rolling
Soil sandy 3rd rate.
Vegetation. Sand grass.

Sec. 48

Survey Pre. Claim of George F. Rodgers owned by Carl A. Wagoner 160 acres in Sec. 17.
From S.E. Cor. established in Survey of James A. Rodgers Pre. Trun
West on S. bdry of Claim
Over level valley land.
40.00 Deposit marked limestone 12 ins. in the ground.

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

Claims

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
C. A. W. on N. E. face
This Cor. bears N. 67°56' E. 1.33+ chs. dist. from Cor. of Secs. 17, 18, 19 and 20. Latitude N. 1.24 chs. Departure E. 30 lks.

Land level
Soil sandy 2nd rate.
Vegetation. Sand grass.

N. on W. bdry.
Over rolling valley land
21.10 Trail about E. and W.
38.00 E. end of basin.
40.00 Set temp N.W. Cor. of Claims.

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

West on N. bdry. from N.E. Cor. established in Survey Pre. of James A. Rodgers.
Descend gently.
5.00 Bottom descent. thence over rolling valley.
4.00 Intersect W. 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. 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
C. A. W. on S.E. face

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

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

Claims

Sec. 50

Survey of T.C. of Isaac Berlin 153.41 acres and Pre. of Jean Whitman 154.65 in Sec. 18. The Whitman Claim being owned by Benton Peer and the S.W. Cor. being the old S.E. Cor. of Sec. 18. To avoid fractional areas in Sec. 18 and 19 and by request of Mr. Peer I survey these two Claims for area in Sec. 18 using the N. and S. bdrys as the N. and S. bdrys of the Claim. The bearing of the W. bdry being N. 0° 3' E. Latitude 80 chs. Departure 8 lks. therefore to make the E. bdry of Claims a N. and S. line the N. bdry should be 8 lks. shorter than the S. bdry
153.41 + 154.65 = 308.06 ÷ 80 chs. = 38.51 chs.
38.51 − 4 = 38.47 = N. bdry. 38.51 + 4 = 38.55 = S. bdry.
To avoid the necessity of making a Corner on the W. bdry at a distance so near to the ¼ Sec. Cor. as to confuse Settlers and Owners. I use the ¼ Sec. Cor. as the S.W. and N.W. Corners of these Claims therefore The T.C. of Berlin having for its W. bdry a line running N. 0° 3' E. 40 chs. Latitude 40 chs. Departure 4 lks and for its E. bdry a line running South. The S. bdry of the Claim will be 38.51 chs. making the mean or average distance through Claim from E. to W. 38.49 chs.
153.41 ÷ 38.49 = 39.85 being the mean or average distance through Claim from E. to W. and the W. bdry being 40 chs. the E. bdry will therefore be 39.70 chs.
Therefore at a point on the N. bdry of Sec. 18 64 lks. W. of the N. ¼ Sec. Cor. being 38.47 chs. Easterly from N.W. Cor. of Sec. 18. I deposit marked limestone 12 ins. in the ground for N.E. Cor. Isaac Berlin T.C. 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
I. B. on S.W. face
From this Cor. I run S. on E. bdry.
Over rolling valley land.
15.00 Ascend gently.
22.00 Top of ascent on low hills descend gently.
36.00 Bottom descent in basin or depression.
39.70 Deposit marked limestone 12 ins. in the ground

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

Chains

for S.E. Cor. of Claim and N.E. Cor. Jean Whiteman Pre. owned by Benton Peer — dig pits 18 18 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.
I. B. on N. W. and B.P. on S. W. faces.

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

S. 89° 48' W. on a random line bet. Berlin and Whiteman
38.51 Intersect W. bdry Tp. 31 Chs. N. of ¼ Sec. Cor. on W. bdry of Sec. 18. Thence I run
N. 89° 21' E. on a true line bet Berlin and Whiteman
Over rolling valley land.
38.51 The S.E. Cor. of Claim.

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

S. 49

Sec. 49

Survey of Pre. of Jean Whiteman 154.56 acres in Sec. 18. owned by Benton Peer.
At a point on the S. bdry of Sec. 18. 0.57 chs. W. from ¼ Sec. Cor. being 38.55 chs. from S. W. Cor. of Sec. I deposit marked limestone 12 ins. in the ground for S.E. Cor. of Claim. dig pits 18 18 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.
B.P. on N. W. face.
From this Cor. I run
N. on a random line on E. bdry of Claim.
40.30 Intersect N. bdry at the N.E. Cor. thence I run
S. on a true line on E. bdry of Claim.
Ascend out of depression.
1.80 Top. 20 ft. thence descend gently.

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

Chains

11.00 Bottom descent in rolling valley.
18.25 Trail bears E. and W.
33.22 Wire fence bears N. 65° W. and S. 65° E. ascend over low hills.
40.30 The S.E. Cor. of Claim

Land rolling.
Soil sandy 3rd rate.
Vegetation, Sand grass.
December 12, 1900.

Sec. 40

Survey H.E. Claim of Nancy Isabelle Hays. 145.22 acres in Sec. 6. T. 21 and Sec. 31. T. 22 N. owned by Stephen A. Petty — The N. W. Cor. of Claim being a stone in md. claimed to be the old Cor. of Secs. 1, 6, 31 and 36. the W. bdry of Claim being 60 chs and the bearing being N. 0° 3' E. Latitude 60 chs. Departure 6 chs. The W. bdry of this claim being lots 4, 5 and 6 in Sec. 6. contains 105.22 acres. 105.22 ÷ 60 = 17.54 chs. being the mean or average measurement through Claims from E to W. The N. bdry will be 17.54 − 3 = 17.57 chs. and the S. bdry will be 17.54 + 3 = 17.57 chs. Therefore from the old Tp. Cor. I run
E. on N. bdry of Claim.
Over rolling ground in N. edge of valley.
14.75 Low ridge — descend gently.
17.51 Deposit marked limestone 12 ins. in the ground for N.E. Cor. of Claim. dig pits 18 18 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 S. pit drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked
S. A. P. on S.W. face

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

S. on E. bdry
Over rolling ground.
27.00 Ascend gentle S.E. slope

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

Chains

32.50 Top of ascent. descend gently.
35.00 Enter level ground.
40.00 Deposit marked limestone 12 ins in the ground for N. W. Cor. S. 40 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
S. A. P. on N. W. face
Pettys house bears N. 56° W. about 12 chs.
Land rolling
Soil sandy 2nd and 3rd rate
Vegetation, Sand grass

E. on N. bdry. S. E. 40 acres.
Over level ground
5.00 Ascend gently.
10.00 Top. 11 ft. descent gently.
20.00 Deposit marked limestone 12 ins in the ground for N. E. Cor. S. E. 40 acres. 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
S. A. P. on S. W. face
Land rolling
Soil sandy 2nd and 3rd rate.
Vegetation, Sand grass

South on E. bdry.
Over rolling valley land
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
S. A. P. on N. W. face Land rolling.
Soil sandy 3rd rate.

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

Chains

West on S. bdry of Claim
Over level ground
30.00 Ascend low hills
31.10 Low ridge thence over broken ground
37.57 Intersect W. bdry Sec. 6. at a point 10.20 chs. S. 0°3' W. from W. ¼ Sec. Cor. Sec. 6. Deposit marked limestone 12 ins. in the ground for S. W. Cor. Claim and the N. W. Cor. of Lot. 7 of H. E. Claim of John F. Willing owned by Petty. 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
S. A. P. on N. E. and S. E. faces.
Land level and broken
Soil sandy - 2nd and 4th rate
Vegetation, Sand grass.

Lot 7 in Sec. 6

Survey of Lot. 7 Sec. 6. 35.42 acres being a part of H. E. Claim of George F. Willing owned by Stephen A. Petty. The W. bdry being the W. bdry of Sec. 6. and having a bearing of N. 0°3' S. Latitude 20 chs. Departure 2 chs. the distance through Claim from N. to S. is 20 chs. the distance from E. to W. will therefore be 35.42 ÷ 20 = 17.71. The N. bdry will be 17.71 - .01 = 17.70 chs. and S. bdry 17.71 + .01 = 17.72
Therefore at a point on S. bdry H. E. of Hays. 17.70 chs. E. from the S. W. Cor. thereof & 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. bdry. drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
S. A. P. on S. W. face
From this Cor. & run
S. on E. bdry.
Over level ground
13.10 Trail bears E. and W.

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

Chains

20.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. of claim dig pits 18 18 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
S. A. P. on N. W. face

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

W. on S. bdry.
Over level ground,

17.72 Intersect W. bdry Sec. 6 at a pt. N. 0° 3' E. 9.80 chs dist from Cor. of Secs. 1, 6, 7, and 12. deposit marked limestone 12 ins. in the ground for SW. 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 and Oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
S. A. P. on N.E. face

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

Sec. 38

Survey N.E. Claim of Fredrick Nauman 156.38 acres in Secs 4 and 5. The old Cor. of Secs. 4, 5, 32 and 33. Star mound with pits N.E. S.E. S.W. and N.W. being shown me by Mr. Nauman as his N.E. Cor. from which the Cor. of Secs. 4, 5, 32 and 33 bears N. [illegible] W. [illegible] chs. dist Latitude N. 12.19 chs. Departure N. 16.79 chs. The distance through Claim from E. to W. being 80 chs. and its area 156.38 Acres. The distance from N. to S. will by 156.38 ÷ 8.1 = 19.305 chs. From the old Cor 4 runs W. on N. bdry.
Over level valley

error in original field notes

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

Chains

17.00 Ascend gentle E. slope low hills.
23.00 Top 20 ft. descend.
27.00 Bottom over rolling ground.
57.00 Enter meadow land.
79.00 Ascend gentle N.E. slope
80.00 Deposit marked limestone 12 ins. in ground for N. 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 E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. N. on N.E. face

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

S. on W. bdry.
Over rolling ground.

6.00 Ascend N. slope hills
4.00 Top of ascent 40 ft. descend gentle S. face.
19.55 – 9.55 Deposit marked limestone 12 ins. in the ground for SW. 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
T. N. on N.E. face

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

19.55 – 9.55 = 10.00 from corner of Govt Land Examinations Dec. 17, 1904 (S 220108 Denver) and Sec. Atlanta

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E. on S. bdry.
Over rolling ground on S. face of hills.

6.00 Descend
17.00 Bottom descent in neck of valley. Bears N. and S.
24.00 Ascend SW. slope Low ridge.
31.50 Top 30 ft. descend N.E. gentle slope
37.00 Enter rolling valley land

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

Chains
80.00 Set temp. S.E. Cor. of claim
Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation, Sand grass.

From the N.E. Cor. of claim. I run
S. on E. bdry.
Over level ground.
19.55 Intersect S. bdry at temp. Cor. Deposit marked limestone 12 ins. in 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.N. on N.W. faces
Land level.
Soil sandy 2nd rate.
Vegetation. Sand grass.

Sec. 39

Survey of T.C. of John W. Rodgers. 160 acres in Secs. 4, 5, 8 and 9 owned by Feagins and Leaky being a partnership bet. William E. Feagins and Leopold Leaky. The old Cor. of Secs. 4, 5, 8 and 9 being shown by Marion Feagins as the S.E. Cor. of this claim also the Sw. Cor. of N. 40 acres of Rodgers H.E. owned by Feagins and Leaky.
From this old Cor. I run
N. on E. bdry. bet. T.C. and H.E. Claims.
Over rolling valley land.
9.60 Trail bears S. 80° W. and N. 80° E. [illegible]
11.50 Trail bears N. 20° W. and S. 20° E. ascend gently.
13.00 Top of ascent on slight raise, descend gently.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. of N. 40 acres of Rodgers H.E. owned by F. and L. 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.

error in or

Claim Lines of T. 21 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
F. and L. on S.E. face
Ascend gently.
34.00 Top of ascent, on low hills — descend
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
F. & L. on Sw. face
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, Sand grass.

W. on N. bdry.
Over low hills
8.90 Trail bears N. and S.
14.00 Ascend gentle S.E. slope
15.50 Top on slight raise - descend gently.
25.00 Bottom descent, over rolling valley land.
60.00 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
F. and L. on S.E. face
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation, Sand grass.

S. on W. bdry
Over level land
6.76 Trail, bears N. 70° W. and S. 70° E.
15.00 Ascend N.E. slope
20.00 Deposit marked limestone 12 ins. in the ground

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

Chains

for SW. Cor. 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. and L. on N. E. face

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

E. on S. bdry.
Descend N. E. slope
7.00 Bottom descent enter rolling valley.
25.40 Trail, bears N. 60° W. and S. 60° E.
40.00 Set temp Cor.

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

From the old Cor. S. E. Cor. of Claim. I run
W. on S. bdry. bet. T. C. and N. E. Claims.
Over level ground.
20.00 Deposit marked limestone 12 ins. in the ground for SW. Cor. S. 40 acres of Claim and N. W. Cor. S. part N. E. 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 E. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in the ground, marked.
F. & L. on N. E. and S. E. faces.
W. Cor. bears S. 10°19' W. 9.05 chs. from Cor. of Secs 4, 5, 8 and 9. Latitude S. 8.90 chs. Departure W. 1.62 chs.

Land level.
Soil sandy 2nd rate.
Vegetation. Sand grass.

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

Chains

N. on W. bdry.
Over rolling valley.
12.25 Trail, bears N. 60° W. and S. 60° E.
20.00 Intersect S. bdry N. bdry at temp Cor. Deposit marked limestone 12 ins in the ground for N. W. Cor. S. 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 the ground, marked
F. & L. on S. E. face

Land level
Soil sandy 2nd rate
Vegetation, sand grass.
December 13. 1900

Sec. 42

Survey of N. E. of John W. Rodgers 160 acres in Secs 4, 8 and 9. owned by Teagins and Leaky
The W. bdry N. 40 acres and the N. bdry W. 40 acres being described in Survey T. C. of John W. Rodgers.
From the N. W. Cor. S. part of Claim established in Survey T. C. I run
S. on W. bdry. S. part of Claim.
Over rolling valley.
8.00 Ascend gentle N. E. slope
18.25 Top of ascent on low hills
20.00 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
F. and L. on N. E. face

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

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

Chains	
	E. on S. bdry of claim.
	Over N. face low hills — descending.
19.00	Bottom descent thence over rolling ground
20.50	Trail runs N. and S.
40.00	Ascend N.W. slope low hills.
56.00	N. face low ridge descend gently.
60.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor of claim and S.W. Cor. H.E. claim of James M. Donavan, 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
	On N. pit, drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in the ground, marked
	T. and L. on N.W. and
	J. M. D. on N.E. face

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

N. on E. bdry bet. Rodgers and Donavan Claims.
Over rolling valley.

17.00	Ascend gently.
20.00	Set temp Cor.

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

From the N.W. Cor. N. 40 acres of Claim established in survey N. from
E. on N. bdry.
Over rolling ground

11.00	Ascend low hills.
12.50	Top of ascent, on low hills.
20.00	Deposit marked limestone 12 ins. in the ground for N.E. Cor. N. 40 acres. dig pits 18 18 12 ins Sand 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

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

Chains	
	12 ins. in the ground, marked.
	T. and L. on S.W. face

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

S. on E. bdry.
Over low hills.

1.00	Descend S.W. slope
3.00	Bottom descent, over rolling valley land.
10.25	Trail runs E. and N.
20.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor. N. 40 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.
	On N. pit, drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in the ground, marked
	T. and L. on N.W. face

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

E. on N. bdry.
Over rolling valley land.

20.00	Intersect E. bdry at the temp Cor. deposit marked limestone for N.E. Cor of claim, and the N.W. Cor. of James M. Donavan, H.E. 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.
	On S. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in ground, marked
	T. and L. on S.W. and.
	J. M. D. on S.E. faces.

Land level.
Soil sandy 2nd rate
Vegetation sand grass.

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

Sec 43

Claim: Survey of H.E. of James M. Donovan, 160 acres in Secs. 9 and 10.
The N. bdry. the S.W. and N.W. Corners being described and established in the Survey of H.E. John A. Rodgers. These Corners being claimed for the line and bdry by the representative of this claim. The N.W. Cor. bearing S. 68°20' W. 23.27 chs from the Cor. of Secs. 3, 4, 9 and 10. Latitude S. 8.37 chs. Departure W. 21.63 chs being 2.61 west from Sec. line bet. 9 and 10.
East along N. bdry.
Over low hills.
8.50 Trail bears N. 60° W. and S. 60° E.
14.00 Low ridge.
26.50 Ascend S.W. slope low hills.
31.00 Top of ascent 20 ft. in S. slope hills.
35.50 Descend gently.
40.00 Deposit marked limestone 12 ins. in the ground for N.E. Cor. N. 80 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 the ground, marked.
J.M.D. on S.W. face

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

S. on E. bdry.
Descend gently.
6.00 Bottom descent, enter rolling valley.
14.80 Trail bears N. 75° W. and S. 75° E.
20.00 In depression deposit marked limestone 12 ins. in the ground for S.E. Cor. of 80 acres. 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
J.M.D. on N.E. face

Land rolling
Soil sandy 3rd rate.

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

Claim 20

E. on N. bdry. 80 acres of claim.
Over low hills.
1.00 Enter rolling valley.
20.00 Set temp. N.E. Cor.

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

From the N. Cor. 80 acres of claim heretofore described - Run
S. on S. bdry.
Over rolling valley.
20.00 Deposit marked limestone 12 ins. in the ground for N.W. Cor. 80 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 the ground, marked
J.M.D. on S.E. face

Land level
Soil sandy 2nd rate
Vegetation sand grass

E. on N. bdry. 80 acres.
Over rolling ground
3.97 Still fence E. and N.
20.00 Deposit marked limestone 12 ins. in the ground for S.W. Cor. 80 acres 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
J.M.D. on N.E. face

Land rolling
Soil sandy 2nd rate
Vegetation sand grass

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

Chains	
	E. on S. bdry of S. 80 acres of Claim.
	Over rolling ground
8.00	Ascend low ridge
12.00	Top of ascent 40 ft. descend S.E. slope gradually.
25.00	Bottom descent. over rolling ground.
40.00	Deposit marked limestone 12 ins. in the ground for S.E. Cor. Claim and S.W. Cor. H.E. Claim of Mary E. Pepper 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. M. D. on N. W. and
	M. E. P. on N. E. face
	Land rolling
	Soil sandy 3rd rate.
	Vegetation, Sand grass.

✓

	N. on E. bdry. bet. Donavan and Pepper.
	Over rolling ground.
9.78	Wire fence runs E. and W.
20.00	Intersect N. bdry at temp. Cor. deposit marked limestone 12 ins. in ground for N.E. Cor. of S. part 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. M. D. on S.W. face
	Land rolling
	Soil sandy 2nd rate.
	Vegetation, Sand grass.

✓

Sec. 44

	Survey H.E. Claim of Mary E. Pepper. 160 acres in Secs. 10 and 11 from the S.W. Cor. as described in Survey of H.E. of James M. Donavan. Trun E. on S. bdry.
	Over rolling ground

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

Chains	
	Ascend N.W. slope low ridge.
31.00	Top of ascent on N. face low ridge, descend —
37.00	Enter rolling ground.
38.80	Trail bears N. 30° W. and S. 30° E.
44.90	Wire fence bears N. 70° W. and S. 70° E.
46.91	Wire fence bears N. and S.
60.00	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
	M. E. P. on N. W. face
	This Cor. bears S. 63°31' E. 20.57 chs. dist from ¼ Cor. bet. Secs. 10 and 11. Latitude S. 9.10 chs.
	Departure E. 18.37 chs. distance E. from Sec. line being 18.39
	Land rolling
	Soil sandy 2nd and 3rd rate
	Vegetation. Sand grass.

✓

	N. on E. bdry.
	Over rolling valley.
20.00	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.
	M. E. P. on S.W. face
	Land level.
	Soil sandy 3rd rate.
	Vegetation. Sand grass.

✓

	West on N. bdry.
	Over rolling ground.
1.70	S.W. Cor. of Teagins board corral.
3.00	Ascend E. slope low hills
8.50	Top of ascent 50 ft. descend S.W. slope.

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

Chains
9.90 Wire fence runs N. and S.
18.00 Bottom descent, thence over rolling valley.
29.05 Trail bears N. 10° W. and S. 10° E.
40.00 Set temp Cor.

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

The S½ of W. bdry being described in Survey of E. bdry H. E. of James M. Donavan from the N. E. Cor. of H. E. James M. Donavan. I run
N along W. bdry N. 40 acres of claim
Over rolling valley.
2.76 Trail bears N. 80° W. and S. 80° E.
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
M. E. P. on S. E. face

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

E. on N. bdry.
Over rolling ground
11.00 Ascend gentle SW. slope
15.00 Top of ascent 40 ft. descend gently.
20.00 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
M. E. P. on SW. face

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

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

Chains
S. on E. bdry N. 40 acres.
Over rolling ground.
0.50 Pt. 3 chs W. of school house
20.00 Intersect N. bdry S. part of claim at temp Cor. 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.
M. E. P. on N. W. face

Land level.
Soil sandy 2nd rate
Vegetation sand grass
December 14 1910.

Sec. 4-5

Survey of H. E. of Charles Bowman 160 acres in Sec 12 and 13 T. 21 N. R. 47 and Secs. 7 and 18 in T. 21 N. R. 46 W. owned by Leagins and Leakey - 120 acres being in R. 47. The old Cor. of Secs. 7, 12, 13 and 18 as claimed being shown me as the S. E. Cor. of S. E. 40 acres of claim being a flat mound with pits N. E. S. E. N. W. and S. W. 5 ft. dist from this Cor.
I run
W. on S. bdry
Over level meadow land
20.04 Intersect E. bdry of Sec. 13 at a point S. 0° 1½' W. S. 36 chs. dist.
35.00 Ascend gradual E. slope
38.16 Wire fence runs N. and S.
40.00 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
F. and L. on N. E. face

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

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

Claims

As the S. bdry intersects E. line of Tp. at 20.04 N. from S.E. Cor. of Claim and the bearing of the range line being N. 0°11½ E. The measurement of the N. bdry of that part of the claim in R. 46 will be 19.96 chs. 19.96 + 20.04 = 40.00 chs. ½ of 40 = 20 × 20 × 2 = 40.00 acres in Range 46 W. having 120 acres in Sec. 12 and 13. To avoid fractional areas between the claim and the E. bdry. of Tp. The departure of the E. bdry for 60 chs. is 20 chs. and the S. bdry of that part of claim in R. 47 W. is 19.96 chs. the N. bdry will therefore be 20.16 and the mean or average distance through claim from E. to W. is 20.06 chs. 120.00 ÷ 20.06 = 37.82 chs. the measurment of W. bdry N. on W. bdry of claim

Over rolling ground sloping to N. E.

15.40 Trail bears N. W. and S. E.
18.00 Ascend low hills.
23.00 Top of ascent, thence along E. face low hills.
27.00 Descend gently.
30.00 Bottom descent, thence over rolling hills.
37.82 Set temp. N. W. Cor.

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

From the old S.E. Cor. of Claim. I run N. on E. bdry.

Over level valley.

11.66 Trail bears N. 60° W. and S. 60° E.
15.00 Ascend S. slope low hills.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. of Claim - dig pits 18 × 18 × 12 ins. Sand W. of Cor. 4 ft. dist. and raise a mound of earth 3 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. & L. on W. face

Land level and rolling
Soil sandy 2nd and 3rd rate

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

Claims

From N. bdry S.E. 40 acres.

Descend W. gently slope

9.00 Bottom descent over rolling valley land
19.96 Intersect E. bdry of Tp. Deposit marked limestone 12 ins. in the ground for N.W. Cor. S.E. 40 acres of Claim - dig pits 18 × 18 × 12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3 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. and L. on N. face

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

N. 0°11½ E. on E. bdry N. 80 acres

Over rolling valley.

6.00 Ascend gently W. slope
11.00 Top of ascent 80 ft. descend gently
22.72 Wire fence bears N. W. and S. E.
28.36 ¼ Sec. Cors. on E. bdry Sec 12. ascend S. slope hills.
35.00 Top of ascent on E face and bluffs.
39.82 Deposit marked limestone 12 ins. in the ground for N. E. Cor. of Claim - dig pits 18 × 18 × 12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3 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
F. and L. on W. face

Land level rolling and broken
Soil sandy 2nd, 3rd and 4th rate
Vegetation. Sand. grass.

W. on N. bdry

Over broken ground.

5.30 Descend
7.00 Bottom descent over low hills.
13.80 Wire fence bears N. W. and S. E.

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

Chains

2. 6

20. 16 Intersect W. bdry at temp Cor. 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 the ground marked.
L. and L. on S.E. face

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

Sec. 37

Survey H.E. Claim of William M. Hill 160.21 acres in Sec. 1. and Sec. 6. T. 21-46-85.80 acres being in Sec. 1. The S.W. Cor. of the E 40 acres being shown me as the old ¼ Sec. Cor. bet. Secs. 5. and 6. which old Cor. bears S. 70°53' E. 18.22 chs. dist from ¼ Sec. Cor. bet. Sec. 1. and 6. Latitude S. 5.97 chs. Departure E. 17.22 chs. being E. 17.24 chs. from Range line at this point. By permission of Mr. Hill. I survey the excess in the N. W. portion of 40 acres of claim - being 40.21 acres 40.21 ÷ 20 = 20.10½ chs ~ Therefore from the old ¼ Cor. I run.
W. on S. bdry - claim
Over rolling valley -

33.50 Ascend E. slope low hills.
36.50 Top of ascent 40 ft. over rolling hills
40.00 Set temp S.W. Cor. of claim
From the old ¼ Cor. I run
E. on S. bdry.
Over rolling ground

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.
W. M. H. on N. W. face. Land level and rolling
Soil sandy 2nd & 3rd rate
Vegetation sand-grass

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

Chains

N. on E. bdry.
Over rolling ground.

8.50 Ascend gently.
13.00 Top. thence over rolling ground.
15.75 Descend gently.
18.75 S. edge dry bed alkali basin. bears E. and W.
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.
W. M. H. on S.W. face

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

West on W. bdry S. part of claim
In alkali basin.

9.50 Leave basin thence over rolling ground.
40.00 Deposit marked limestone 12 ins. in the ground for S.E. Cor. N.W. 40 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.
W. M. H. on N. W. face

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

N. on E. bdry N. W. portion of claim.
Over rolling valley -

20.10½ 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

Claim Lines of T. 21 N., R. 47 W. Concluded.

Chains	
	12 ins. in the ground marked.
	W. M. H. on S.W. face
	Land rolling.
	Soil sandy - 3rd rate.
	Vegetation, sand grass
	W. on N. bdry.
	Ascend gentle S.E. slope
10.00	Top 50 ft. on S. face low ridge - descend.
18.00	Bottom descent in basin or depression.
20.00	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
	W. M. H. on S.E. face
	Land rolling.
	Soil sandy 2nd and 3rd rate
	Vegetation Sand grass
	S. on N. bdry.
	Ascend out of basin.
2.00	Top of ascent 10 ft. low ridge - descend.
4.10	Enter valley.
14.00	Enter dry bed alkali basin of circular form
20.00	Leave basin
30.00	Ascend N. slope low hills.
40.10½	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 ground marked.
	W. M. H. on N.E. face
	Land level and rolling
	Soil sandy and alkali 3rd rate
	Vegetation Sand grass

Map of 40.10

Dec. 15, 1900.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

1

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.

2

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.*

Final oaths incorporated in back of notes for T. 23 N., R. 47 W. 6th P.M.
Approval of Commissioner and Ex officio Surveyor Genl.
See transcript of notes for T. 23 N., R. 47 W. 6th P.M.

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

SEAL

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3

For copy final oaths and approval of Commissioner See transcript for T23N R47W

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 21 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.