General Land Office • Original Field Notes

Book Number

781

W.W. Alt - Subdivision of T 23 N, R 47 W

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

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

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FIELD NOTES

OF THE SURVEY OF THE

Subdivision of
Claim Lines
of
Township 23 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, 1900

Survey commenced January 8, 1901

Survey completed January 28, 1901

6—151

Copy

NAMES AND DUTIES OF ASSISTANTS.

Joseph B. Koon Chainman

Earl J. Martin, " "

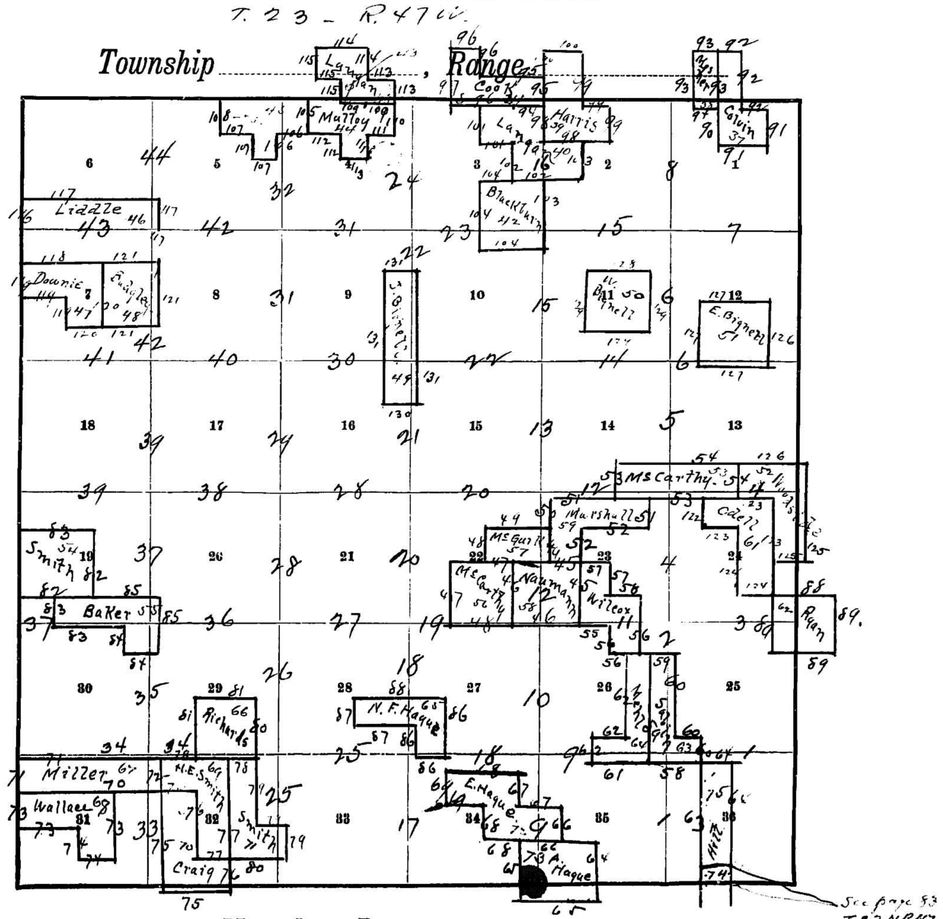
Fred Newman, Moundman

Herbert Campbell Flagman

INDEX DIAGRAM.

T. 23 - R. 47 W.

Township ....., Range .....



Meanders Page .....

PRELIMINARY OATHS OF ASSISTANTS.

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

.....

....., *Chainman.*

....., *Chainman.*

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

SEAL

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

.....

....., *Moundman.*

....., *Moundman.*

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

SEAL

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

.....

....., *Axman.*

....., *Axman.*

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

SEAL

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

....., *Flagman.*

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

SEAL

6—151

Subdivision of T. 23 N., R. 47 W.

Chains.	The direction of the meridional section lines are determined from angles turned from the tangent run in survey of the south boundary of Township.
	From the Cor. of secs. 1, 2, 35 and 36 on south boundary of Tp. I run parallel to the East boundary of Tp.
	No. 11 E. bet. Secs. 35 and 36.
	Over low hills, ascending gently.
37.00	Top of ascent on East face range
40.00	Deposite a marked limestone 12 in. in ground for ¼ Sec. Cor. dig pits 18x18x100 ins. N. & S. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft high. over deposite.
	In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 in. in ground. marked.
	¼ S. on W. face.
	Descend gently N. E. slope.
46.00	Enter rolling valley (med. bears N. W. and S. E.
71.93	Wire fence, bears E. and W.
74.07	Wire fence, bears E. and W.
79.23	Trail, bears E. and W.
80.00	Deposite marked limestone 12 in. in ground for Cor. of Secs. 25, 26, 35 and 36. dig pits 18x18x12 in in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high over deposite. In S. E. pit. drive an Oak stake 2 ft. long 2 ins. sq. 12 in. in ground, marked
	T. 23 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 rolling and broken
	Soil sandy, 3rd and 4th rate.
	Vegitation, Bunch and Sand grass.
	N. 84°54' E. on a random line bet. Secs. 25 & 36.
40.00	Set temp. ¼ Sec. Cor.
40.00	Intersect E. bdry. of Tp. 9 lks. S. of Cor. of Secs. 25, 30, 31 and 36.
	Thence I run.

Subdivision of T. 23 N., R. 47 W. Continued.

Chains	
	S. 89°55' W. on a true line bet. Secs. 25 and 36. Ascend gently N.E. slope.
4.00	N. face low hills, descend -
14.00	Bottom descent, at trail bears N. 50° W and S. 50° E. ascend
26.00	Top of ascent on low hills.
35.00	Descend S.W. slope.
40.00	Deposit marked limestone 12 in. in ground for 1/4 Sec. Cor. dig pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit, drive an Oak stake 2 ft. long, 2 in sq. 12 ins. in the ground, marked 1/4 S. on N. face.
63.00	Ridge, descend over low hills
64.00	Bottom descent, enter rolling valley
78.10	Trail bears N.E. and S.W.
78.80	Trail bears N. and S.
79.21	Wire fence bears N. 10° W. —
80.00	The Cor. of Secs. 25, 26, 35 and 36.

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

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

4.57	Wire fence, bears N. 10° W.
5.00	Trail along fence —
16.00	Trail bears N.E and S.W.
40.00	Deposit 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 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 N. face.
62.20	Wire fence bears N.E and S.W. in E. end of meadow.
68.00	Trail bears N.W and S.E.
74.00	Ascend S.W. slope gradually.
79.00	Top ascent - 40 ft —

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
80.00	Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 23, 24, 25, and 26. dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist and raise a mound of earth 4 ft. base 2 ft. high, over deposit. In S.E. pit drive an Oak stake 2 ft. long 2 in sq. 12 ins. in the ground, marked T. 23 N. S. 24 in N.E. R. 47 W. S. 25 in S.E. S. 26 in S.W. and S. 23, in N.W. faces with 2 notches on S. and 1 notch on E. edges.

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

N. 89° 55' E. on a random line bet Secs. 24 & 25.

40.00	Set temp 1/4 Sec. Cor.
80.00	Intersect E. bdry of Tp. 4 lks S. of the Cor. of Secs 19, 24, 25 and 30.

Thence I run
S. 89° 51' W. on a true line bet. Secs. 24 and 25.
Over level valley land.

20.25	Trail bears N. 20° W. and S. 20° E. ascend E. slope of hills, gently
25.73	Wire fence bears N. and S. over low broken hills.
33.00	Wire fence bears N. 65° E. and S. 65° W. descend W slope low ridge.
40.00	Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high over deposit. In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face. Over low ridges and broken grounds.
56.55	Low bluff —
80.00	The Cor. of Secs. 23, 24, 25 and 26.

Land level and broken
Soil sandy, 1st & 4th rate.
Vegetation Brush and meadow grass.

Subdivision of T. 23 N. R. 47 W. Continued

Chains

N. 0° 11' E. bet. Secs. 23 and 24.
Over broken ground on W. face hills.

16.50 Ascend S.W. face
23.60 Top of ascent on W. face bluffs thence over broken ground
36.00 Descend N.E. slope ridge.
38.00 Ravine, bears N.W. and S.E. ascend –
40.00 Deposit 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 W. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face.
41.25 Wire fence bears N. 80° W. and S. 80° E. descend
53.00 Bottom descent, in neck of valley, bears W.
66.00 Ascend low hills gently.
76.60 Top on low ridge, descend.
80.00 Deposit a marked limestone 12 ins. in the ground for Cor. of Secs. 13, 14, 23 and 24. dig pits 18x18x12 ins in each Sec. 4 ft. dist and raise a mound 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. 23 N. S. on N.E.
R. 47 W. S. 24 on S.E.,
S. 23 on S.W. and
S. 14 on N.W. faces with 3 notches out and 1 notch on E. edges
Land broken and rolling
Soil sandy, 4th rate.
Vegetation, brush and sand grass.

N. 14° 51' E. on a random line bet. Secs. 13 & 24.

40.00 Set temp. 1/4 Sec. Cor.
79.96 Intersect E. bdy of Tp. at the Cor. of Secs. 13, 18, 19 & 24
Thence S. on
S. 89° 37' W. on a true line bet. Secs 13 and 24.
Over alkali valley.
18.20 East edge Alkali Basin.

Subdivision of T. 23 N. R. 47 W. Continued

Chains

24.00 West edge Basin – bears N. and S.
35.19 Wire fence, bears N. and S. Enter meadow land.
39.98 Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.
66.00 Trail, bears N.W. and S.E.
70.00 Ascend gently along N. slope low hills
79.96 The Cor. of Secs. 13, 14, 23 and 24
Land, level and rolling
Soil, sandy and alkali 3rd rate.
Vegetation, alkali, sand and meadow grass.

N. 0° 11' E. bet. Secs. 13 and 14.
Over rolling land in W. end of valley

11.10 Trail bears E. and W.
14.30 S.W. Cor. of abandoned sod house
15.23 Wire fence bears N. 80° E. and S. 80° W.
20.00 Ascend low hills
29.00 W. face low ridge – descend
30.00 Bottom descent over rolling ground
40.00 Deposite 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 deposite
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on W. face
47.00 Ascend over broken ground
49.00 Top of ascent, on ridge, bears E. and W. over ridge.
80.00 Deposite marked limestone 12 ins. in the ground for Cor. of Secs. 11, 12, 13 and 14 dig pits 18x18x12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposite.
In S.E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

T. 23 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. edge.

N. 89° 51' E. on a random line bet. Secs. 12 and 13.
40.00 Set temp. 1/4 Sec. Cor.
74.18 Intersect E. bdry. of Tp. 3 lks. N. of the Cor. of Secs. 7, 12, 13 and 18.
Thence true
S. 89° 52' W. on a true line bet. Secs. 12 and 13.
Ascend gently over low hills.
6.50 Top of ascent 25 ft.
13.70 Descend gently.
24.00 Bottom descent in rolling valley.
39.75 Trail bears N. and S.
39.99 Deposit 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 1½ 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.
44.00 Trail bears N.W. and S.E.
50.00 Ascend N.E. slope hills, gently.
63.00 Top of ascent. ascend gentle N.E. slope.
79.98 The Cor. of Secs 11, 12, 13 and 14
Land, level and rolling
Soil sandy, 3rd and 4th rate.
Vegetation brush and sand grass.

N. 0° 11' E. bet. Secs. 11 and 12.
Ascend gradual N. slope.
14.00 Bottom descent enter rolling valley —
29.10 Trail bears N. 80° W. and S. 80° E.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

40.00 Deposit marked limestone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18 x 18 x 12 ins. W. and S. of Cor. 4 ft. dist. and raised 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 —
42.95 Wire fence bears N. 80° W. and S. 80° E.
52.00 Ascend S. slope hills.
61.10 Low ridge. thence over ridges and broken ground.
73.50 Top of range. E. and W. on broken ridge. descend into depression
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 1, 2, 11 and 12. dig pits 18 x 18 x 12 ins. on each Sec. 4 ft. dist. and raised 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. 23 N. S. 1 on N. E.
R. 47 W. S. 12 on S.E.
S. 11 on S.W. and
S. 2 on N.W. faces with 5 notches on S. and 1 notch on E. edge.

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

N. 89° 52' E. on a random line bet. Secs. 1 and 12.
40.00 Set temp. 1/4 Sec. Cor.
80.04 Intersect E. bdry of Tp. 7 lks. N. of the Cor. of Secs. 1, 6, 7 and 12.
Thence true
S. 89° 55' W. on a true line bet. Secs. 1 and 12.
Over low rolling hills.
1.68 Wire fence, bears N. 15° W. and S. 15° E. ascend gently
13.55 Trail bears N. 55° W. and S. 55° E.
23.00 Ascend along E. face hills.
37.00 Top of ascent, thence over rolling ground.

40.12 Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit, drive an Oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked
1/4 S. on N. face
53.50 Depression, bet. ridges ascend
66.25 Top of ridge - over broken ground.
73.00 Descend -
80.04 The Cor. of Secs. 1, 2, 11 and 12.

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

N. 0°11' E. on a random line bet. Secs. 1 and 2.
40.00 Set temp. 1/4 Sec. Cor.
78.36 Intersect N. bdry of Tp. 20 lks. W. of the Cor. of Secs. 12, 35 and 36.
Thence 7 - mile.
S. 0°21' W. on a true line bet Secs. 1 and 2.
Over broken ground on E. face of hills, ascending
32.40 Ridge - descend -
38.60 Deposit 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 N. face
42.00 Bottom descend in rolling valley E. and W.
47.90 Trail bears E. and W.
55.00 Ascend gradual N. slope.
67.00 Top of ascent on range.
70.00 Descend - into depression.
70.60 The Cor. of Secs. 1, 2, 11 and 12.

Land rolling and broken
Soil, sandy 4th rate.
Vegetation brush and sand grass.
January 15. 1904.

Chains

From the Cor. of Secs. 2, 3, 34 and 35 on S. bdry of Tp.
Run
N. 0°10' E. bet. Secs. 34 and 35.
Over level meadow ground.
29.31 Wire fence bears E. and W.
29.61 Trail, along fence -
35.00 Ascend S. E. slope hills.
40.00 Deposit 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
55.50 Ascend S. slope sand bluff, abruptly.
59.75 Top of ascent on E. edge sand blow out, - descend along E. face bluffs.
74.00 Descend over broken ground N. E. face
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 26, 27, 34 and 35 dig pits 18x18x12 ins. in each Sec. 4 ft. dist. and raise a mound of earth 4 ft. base 10 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. 23 N. S. 26. on N. E.
R. 47 W. S. 35 on S. E.
S. 34 on S. W. and
S. 27 on N. W faces, with 1 notch on S. and 2 notches on E. edges.

Land level and rolling
Soil sandy 1st and 4th rate.
Vegetation, brush and meadow grass.

N. 89° 59' E. on a random line bet. Secs. 26 and 35.
40.00 Set temp 1/4 Sec. Cor.
80.10 Intersect N. and S. line 12 lks. S. of the Cor. of Secs. 25, 26, 35 and 36
Thence 7 - mile

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

S. 89° 54' W. on a true line bet. Secs. 26 and 35.
Over level ground.
4.60 Trail, bears N.E. and S.W.
5.90 Wire fence bears N. and S.
7.10 Point 8 lks. S. of center of Mulloy house.
9.20 Fence bears N. and S. ascend S.E. slope hills
11.60 Top of ascent on S. face hills, thence over low broken hills
36.50 Low bluffs descend.
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 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.
Ascend gently along S.E. face hills.
53.12 Wire fence runs N. and S.
66.00 Ascend E. face ridge.
69.00 Top of ascent on ridge bears N. and S. descend over broken ground.
72.00 Ascend gently E. slope hills.
80.10 The Cor. of Secs. 26, 27, 34 and 35.

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

N. 0° 11' E. bet. Secs. 26 and 27
Over rolling hills.
12.00 Ascend S.W. face low hills.
17.00 Top of ascent 40 ft.
33.25 Descend gradual N. slope.
40.00 Deposit 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 N. face.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

50.00 Bottom descent, thence over rolling ground.
53.75 Wire fence N. 55° E. and S. 55° W.
73.52 Wire fence bears E. and W.
76.00 Descend gently.
80.00 Deposit marked limestone 12 ins. in the ground. N. 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
T. 23 N. S. 23 on N.E.
R. 47 W. S. 26 on S.E.
S. 27 on S.W. and
S. 22 on N.W. faces with 2 notches on S. and E. edges.

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

N. 89° 54' E. on a random line bet. Secs. 23 and 26.
40.00 Set temp. 1/4 Sec. Cor.
79.96 Intersect N. and S. line 5 lks. N. of the Cor. of Secs. 23, 24, 25 and 26.
Thence from
S. 89° 56' W. on a true line bet. Secs. 23 and 26.
Ascend gradual S.W. slope
9.00 Bottom descent, over rolling ground
11.00 Trail, bears N.W. and S.E.
17.00 Enter meadow land.
39.98 Deposit piece of cast iron 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.
55.05 Wire fence bears N. and S.
79.96 The Cor. of Secs. 22, 23, 26 and 27.

Land level and rolling.
Soil sandy 1st and 4th rate
Vegetation sand & meadow grass.

Subdivision of T. 23 N. R. 47 W. Continued

Chains

N. 0° 10' E. bet. Secs. 22 and 23.
Over valley land
34.39 Wire fence bears E. and W. over rolling land.
40.00 Deposit 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.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on W. face.
42.00 Ascend gently
45.00 Top of ascent, on a face low hills.
57.00 Descend.
55.00 Bottom descent in neck of valley extending S. E.
59.20 Trail bears N. 80° W. and S. 50° E.
63.50 Ascend S. slope low hills.
70.00 Top of ascent descend into depression.
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 14, 15, 22, and 23. dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist and raise a mound of earth 4 ft. base, 2 ft. high over deposit.
In S.E. pit drive an Oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground, marked
T. 23 N. S. 14 N.E.
R. 47 W. S. 23 on S.E.
S. 22 on S.W. and,
S. 15 on N.W. face with 3 notches on S. and 2 notches on E. edges.

Land, level and rolling.
Soil, sandy 1st and 3rd rate.
Vegetation, sand and meadow grass.

N. 89° 56' E. on a random line bet. Secs. 14 and 23.
40.00 Set temp ¼ Sec. Cor.
79.90 Intersect N. and S. line 23 lks. N. of the Cor. of Secs. 13, 14, 23 and 24
Thence I run
N. 89° 54' W. on a true line bet. Secs. 14 and 23.

Subdivision of T. 23 N. R. 47 W. Continued

Chains

Ascend gentle N. E. slope.
3.00 Top of ascent on N. face low ridge; descend
6.32 Wire fence, runs N. 10° E. and S. 10° W.
9.00 Enter meadow land
36.00 Trail bears N. E. and S. W.
39.95 Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drive an Oak stake 2 ft. long. 2 ins. sq. 12 ins. in the ground, marked
¼ S. on N. face.
43.00 Ascend E. slope ridge
43.27 Wire fence runs N. and S.
44.60 Top of ascent 30 ft on ridge, bears N. and S. descend.
56.00 Bottom descent, thence over rolling ground.
65.00 Ascend over low hills.
71.00 Top of ascent over low broken hills.
79.90 The Cor. of Secs. 14, 15, 22 and 23.

Land level and rolling.
Soil sandy, 1st and 3rd rate
Vegetation, sand, brush, & meadow grass.

N. 0° 10' E. bet. Secs. 14 and 15.
Ascend gently over low broken hills.
28.65 Low ridge, bears E. and W.
34.50 Low ridge, bears E. and W. thence over rolling ground.
40.00 Deposit 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
In S. pit drive an Oak stake 2 ft. long, 2 ins. sq. 12 ins. in the ground. marked.
¼ S. on W. face.
68.00 Ascend gently
69.75 Top of ascent, over broken ground.
78.50 W. face low bluff - descend.
80.00 Falls in sand blow out, there from at a pt. N. 0° 10' E. 21 lks. dist. Deposit marked limestone 12 ins. in

Chains

for witness Cor. to the Cor. of Secs. 10, 11, 14 and 15. dig pits 18x18x12 ins. N.E. S.E. S.W. and N.E. of Cor. 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

W.C. T. 23. N. S. 11 on N.E.

R. 47 W. S. 14 on S.E.

S. 5 on S.W. and

S. 10 on N.W. faces with 4 notches on S. and 2 notches on E. edges.

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

S. 89° 54' E. on a random line bet. Secs 11 and 14

40.00 Set temp. 1/4 Sec. Cor.

79.90 Intersect N. and S. lines 2 lks. S. of the Cor. of Secs. 11, 12, 13 and 14.

Thence S. line

S. 89° 55' W. on a true line bet Secs 11 and 14

Ascend gently over rolling ground on N. face of hills.

13.00 Descend S.W. slope

20.00 Bottom descent, in ravine or pass. bears N.W. and S.E. and N.E. slope

30.00 Top of ascent on S. face bluff, thence over broken grounds

39.95 Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high over deposit

In E. pit drive an Oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. Marked
1/4 S. on N. face.

50.00 Enter rolling ground.

70.50 Ascend E. slope ridge

78.25 Top of ascent on N. face bluff ridge

79.90 The Cor. of Secs 10, 11, 14 and 15.

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

Chains

N. 0° 10' E. bet Secs. 10 and 11.

Over low rolling hills

33.50 Trail, runs E. and W.

36.75 Descend rolling N. slope.

40.00 Deposit 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 raised 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 N. face.

42.00 Bottom descent, thence over low hills.

68.00 Descend gently

70.00 Enter low ground

77.00 Enter dry bed alkali basin

80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 2, 3, 10 and 11. dig pits 18x18x12 ins in each Sec. 4 ft. dist. and raised 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. 23. N. S. 2 on N.E.

R. 47 W. S. 1 on S.E.

S. 10 on S.W. and

S. 3. on N.W. face with 5 notches on S. and 2 notches on E. edges.

Land level and rolling
Soil sandy and alkali 3rd rate
Vegetation bunch and sand grass.
January 9. 1901.

S. 89° 55' E. on a random line bet. Secs 2 and 11.

40.00 Set temp. 1/4 Sec. Cor.

80.24 Intersect N. and S. line 16 lks. S. of the Cor. of Secs. 1, 2, 11 and 12.

Thence S. line

S. 89° 58' W. on a true line bet. Secs 2 and 11.

Ascend out of depression

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

Subdivision of T. 23 N. R. 47 W. Continued.

Chains
11.50 Descend abruptly.
18.00 Cottonwood descend in ravine runs N.W. and S.E.
Ground gently over broken ground
28.50 Ridge – thence over very broken ground
40.12 Deposit marked sd sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18x18x12 ins. E. & 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.
45.00 N. face broken ridges or bluff, descend abruptly
68.63 Wire fence runs N.W. and S.E. Enter rolling ground.
75.80 Trail bears N. 55° W. and S. 65° E. Enter dry bed of basin
80.24 The Cor. of Secs. 2, 3, 10 and 11.

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

N. on a random line bet. Secs. 2 and 3.
40.00 Set temp. 1/4 Sec. Cor.
44.16 Intersect N. bdry. of Tp. 33 Chs. W. of the Cor. of Secs 2, 3 34, and 35.
Thence N. run
S. 0° 30' W. on a true line bet. Secs 2 and 3.
Over level ground in W. edge old lake bed.
20.00 Ascend gentle N. slope.
26.61 Wire fence runs E. and W.
30.00 Top of ascent, thence over low hills.
34.16 Deposit 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
53.00 Descend gently.
Wire fence runs N.W. and S.E.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains
67.70 Trail bears N.W. and S.E. thence over rolling ground.
70.00 Enter dry bed Alkali basin.
74.16 The Cor. of Secs. 2, 3, 10 and 11.

Land level and rolling.
Soil sandy and Alkali 2nd and 4th rate.
Vegetation, brush and sand grass.
January 15. 1901

From the Cor. of Secs. 3, 4, 33 and 34 on the N. bdry of Tp. 7 run
N. 0° 10' E. bet. Secs. 33 and 34
Over rolling hills.
10.50 Ridge bears N.W. and S.E.
26.63 Wire fence N. 80° W. and S. 80° E. ascend
30.10 Ridge bears E. and W. descend E. face low hills gently
40.00 Deposit 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 raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on W. face.
Ascend gently along E. face hills.
47.75 Low sand bluff, descend over broken ground
55.00 Bottom descent, thence along E. face low hills.
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 27, 28, 33 and 34 dig pits 18x18x12 ins. in each Sec. 4 ft. dist and raised 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. 23, N. S. 27 on N.E.
R. 47, W. S. 34 on S.E.
S. 33, on S.W. and
S. 28 on N.W. faces with 1 notch on S. and 3 notches on E. edges.

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

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

N. 84°37' E. on a random line bet. Secs. 27 and 34

40.00 Set temp. 1/4 Sec. Cor.

80.10 Intersect N. and S. line 4 lks S. of the Cor. of Secs. 26, 27, 34 and 35.

Thence I run.

S. 84°37' W. on a true line bet. Secs. 27 and 34

Around broken E. slope of bluffs.

4.00 Top, thence over very broken grounds.

10.70 Round bluff - descend over ridge

40.05 Deposit 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.

55.50 Descend gradually along N. slope

60.00 Enter rolling valley bears N.W. and S.E.

78.75 Trail runs N.W. and S.E. ascend gently

80.10 The Cor. of Secs. 27, 28, 33 and 34

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

N. 0°10 E. bet. Secs. 27 and 28.

Over rolling ground.

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

37.00 Ascend gently.

40.00 Deposit 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 ground, marked 1/4 S. on W. face.

47.50 Top of ascent 50 ft. above 1/4 Cor. ascend over broken ground.

62.50 Top of range - on ridge bears E. and W. descend gently along E. face hills over broken ground.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

80.00 Deposit marked limestone 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

T. 23 N. S. 22 on N.E.

R. 47 W. S. 27 on S.E.

S. 28 on S.W. and

S. 21 on N.W. faces, with 2 notches on S. and 3 notches on E. edges.

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

N. 84°57' E. on a random line bet. Secs. 22 and 27

40.00 Set temp. 1/4 Sec. Cor.

80.06 Intersect N. and S. line at the Cor. of Secs. 22, 23, 26 and 27

Thence I run

S. 89° 57' W. on a true line bet. Secs. 22 and 27

Over rolling ground in S. end of meadow

16.75 Wire fence, runs N.W. and S.E. ascend gentle N.E. slope.

21.00 Top of ascent, thence over rolling ground to N.

40.03 Deposit 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 ground, marked 1/4 S. on N. face.

Ascend E. slope hills

55.50 Top of ascent, on ridge bears N. and S. descend over broken ground.

80.06 The Cor. of Secs. 21, 22, 27 and 28.

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

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
	N. 0°10' E. bet. Secs. 21 and 22.
	Descend from low ridge.
	Bottom descent in depression.
2.00	Ascend over broken S.W. slope.
8.00	Wire fence runs S. 80° W. from pt. 4 chs E.
13.10	Low ridge - ascend S.E. face hill
18.50	Top of ascent on S. face hills.
38.00	Deposit marked limestone 12 ins. in the
40.00	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 ground, marked 1/4 S. on W. face
	Descend N.E. slope ridge.
48.00	Ravine or pass bearing N.W. and S.E. ascend E. slope hills gradually.
77.00	Top of ascent 150 ft. above valleys on W. face hills.
80.00	Set an Iron Post 3 ft. long 4 ins. sq with marked limestone 24 ins. in the ground for Cor. of Secs. 15, 16, 21, and 22. marked. T. 23 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.

Land broken
Soil sandy 4th rate
Vegetation. Bunch and sand grass.

N. 89°57' E. on a random line bet. Secs. 15 and 22.

40.00	Set temp. 1/4 Sec. Cor.
80.00	Intersect N. and S. line at the Cor. of Secs. 14, 15, 22, and 23.
	Thence I run S. 89°57' W. on a true line bet. Secs. 15 and 22.
	Ascend E. slope low ridge.
7.00	Top of ascent. descend gently
11.30	Trail runs N. and S. ascend N.E. gradual slope
22.00	Top of ascent on N. face low ridge.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	
34.00	Trail to Alliance bears N. 30° W. and S. 30° E.
	Ascend N.E. slope range.
40.00	Deposit marked red sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18x18x12 ins. E. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In E. pit drive an Oak stake 2 ft. long 2 ins sq. 12 ins. in the ground, marked 1/4 S. on N. face
47.00	Top of ascent on N. face hills. ascend gently over ridge on N. face.
67.00	Ascend E. slope
74.75	Wire fence runs N. 15° W. and S. 15° E.
78.50	Top on N. face high hills, descend -
80.00	The Cor. of Secs. 15, 16, 21 and 22.

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

N. 0°10' E. bet. Secs. 15 and 16.
On W. face of hills.

3.00	Descend gradual N.E. slope
23.10	Wire fence bears N. 20° E. and S. 20° W.
29.00	Bottom descent, thence over rolling ground on W. face low hills.
40.00	Deposit 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
44.00	Enter rolling valley
46.80	Trail bears N.W. and S.E.
71.00	Ascend low hills
75.00	Top of ascent, descend gently.
80.00	Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 9, 10, 15 and 16. dig pits 18x18x12 ins.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

in each Sec. 4 ft. dist. and raised 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
1/4 N. S. 10 on N.E.
R. 47 W. S. 15 on S.E.
S. 16 on S.W. and
S. 9 on N.W. faces with 4 notches on S. and 3 notches on E. edges

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

N. 89° 57' E. on a random line bet. Secs. 10 and 15.
40.00 Set temp. 1/4 Sec. Cor.
79.16 Intersect N. and S. line 3 lks. W. of the Cor. of Sections of Secs. 10, 11, 14 and 15.
Thence I run
S. 89° 5' 5" W. on a true line bet. Secs. 10 and 15.
Over low broken hills
22.00 Descend W. slope.
30.00 Enter rolling valley land bears N. and S.
34.98 Deposit marked red sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
60.00 Trail bears N.W. and S.E.
79.96 The Cor. of Secs. 9, 10, 15 and 16

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

N. 0° 10' E. bet. Secs. 9. and 10.
Over rolling valley land

Subdivision of T. 23 N. R. 47 W. Continued.

Chains

1.35 Ranch trail runs E. and W.
11.74 Wire fence bears E. and W. Enter meadowland.
40.00 Deposit piece of fire brick 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18 x 18 x 12 ins. N. and S. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 W. on W. face
62.00 Ascend S.E. slope hills, gradually.
70.35 Wire fence runs N. 20° W. and S. 20° E.
77.00 Top of ascent thence over rolling ground with foothills.
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 3, 4, 9 and 10. dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high over deposit.
In S.E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 23 N. S. 3 on N.E.
R. 47 W. S. 10 on S.E.
S. 4 on S.W. and
S. 4 on N.W. faces with 5 notches on S. and 3 notches on E. edges.

Land rolling and broken
Soil sandy 1st and 3rd rate
Vegetation sand and meadow grass.
January 10. 1911.

N. 89° 5' 5" E. on a random line bet. Secs. 3 and 10.
40.00 Set temp 1/4 Sec. Cor.
80.04 Intersect N. and S. line. 4 lks. N. of the Cor. of Secs. 2, 3, 10 and 11.
Thence I run
S. 89° 5' 7" W. on a true line bet. Secs. 3 and 10.
Over level ground.
38.00 Ascend N.E. slope gradually.
40.02 Deposit 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.

Subdivision of T. 23 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
¼ S. on N. face

49.29 Wire fence runs N. and S.
58.00 Top of ascent on N. face hills.
62.00 Descend gradually
76.00 Bottom descent at trail bears N. and S. thence over rolling ground.
80.14 The Cor. of Secs. 3, 4, 9 and 10.

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

N. 0° 11' E. on a random line bet. Secs. 3 and 4.
40.00 Set temp. ¼ Sec. Cor.
70.14 Intersect N. bdry of Tp. 47 lks. W. of the Cor. of Secs. 3, 4, 33 and 34.
Thence
S. 0° 22' W. on a true line bet. Secs. 3 and 4.
Over broken ground on top of range ascending.
30.14 Deposit marked limestone 12 ins. in the ground for ¼ Sec. Cor. dig pits 18 x 18 x 12 ins. N. & 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 Sec. on W. face.
33.00 Descend S. slope gradually.
42.35 Fence trans. N. 15° E. and S. 15° W.
50.00 Bottom descent at trail, bearing N. 70° W. & S. 70° E.
Ascend N. slope low hills.
62.00 Top of ascent thence over rolling ground on S. face hills
70.14 The Cor. of Secs. 3, 4, 9 and 10.

Land rolling and broken
Soil sandy 4th rate.
Vegetation, brush and sand grass.
January 15. 1901.

Subdivision of T. 23 N. R. 47 W. Continued

Chains.

From the Cor. of Secs. 4, 5, 32 and 33 on the South boundary of Tp. I run
N. 0° 9' E. bet. Secs. 4 and 5.
Over rolling ground.
7.00 Enter meadow bears W. and N. E.
40.00 Deposit 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.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on N. face.
55.00 Ascend W. slope low hills.
57.00 Top of ascent 40 ft. thence over rolling ground on W. face hills.
72.00 Descend gently.
80.00 Deposit marked limestone 12 ins in the ground for Cor. of Secs. 28, 29, 32 and 33. dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist and raise a mound of earth, 4 ft. base 2 ft. high over deposit.
In N.E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in the ground, marked
T. 23 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, level and rolling.
Soil, sandy 2nd and 4th rate.
Vegetation, sand and brush grass.

N. 89° 59' E. on a random line bet. Secs. 28 and 33.
40.00 Set temp. ¼ Sec. Cor.
79.92 Intersect N. and S. line 6 lks. N. of the Cor. of Secs. 27, 28, 33 and 34.
Thence I run
N. 89° 58' W. on a true line bet. Secs. 28 and 33.
Ascend gentle N.E. slope.
200 — N. face low ridge descend gently.

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
13.00	Bottom descent in depression, ascend E. slope. low hills over rolling ground.
31.00	Top of ascent on N. face ridge, descend gently
39.96	Deposit 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 ins. in the ground, marked ¼ S. on N. face.
47.00	Bottom descent in depression bears N. and S. Ascend E. slope
55.00	Top of ascent on S. face low hills.
56.45	Wire fence runs N. 20° W. and S. 20° E. descend gently over rolling ground
79.92	The Cor. of Secs. 28, 29, 32 and 33.

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

N. 0° 9' E. bet. Secs. 28 and 29.
Over low rolling hills slopes to N.

21.65	Trail bears N. 70° E. and S. 70° W. ascend gently over low broken hills
40.00	S. face of low ridge. 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. Over low broken hills.
67.20	Low bluff ascend gently.
69.38	Wire fence bears N. 20° W. and S. 20° E.
77.78	Wire fence runs N. 80° E. and S. 80° W.
80.00	Deposit marked limestone 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.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	
	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. 23 N. S. 21 on N.E. R. 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.

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

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

40.00	Set temp ¼ Sec. Cor.
79.92	Intersect N. and S. line 5 lks N. of the Cor. of Secs. 21, 22, 27 and 28

Thence from
N. 89° 58' 6" E. on a true line bet Secs. 21 and 28
Ascend over broken ground.

14.00	Top of ascent on broken N. face hills.
34.00	Descend W. slope
39.96	Deposit 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.
45.00	Enter rolling valley land bears N. W. and S. E.
64.50	Trail bears N. 80° W. and S. 30° E.
66.00	Wire fence bears N. 80° E. and S. 80° W.
73.00	Ascend abrupt N.E. slope bluff
75.60	Top of ascent 75 ft. on N. face sand ridge - thence over broken ground
79.92	The Cor. of Secs. 20, 21, 28 and 29.

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

Entry 247 from commer of Pub Land & Buildings Act 17, 1904 (Ex 220 105-170) and Amendments thereto

Subdivision of T. 23 N. R. 47 W. Continued.

Chains.

N. 0°9' E. bet. Secs. 20 and 21.
Over N. face low hills.
6.25 Descend N.E. slope
8.00 Bottom descent in valley, extending S.E.
23.00 Ascend gently, over low broken hills.
25.00 Top of ascent, over broken ground.
31.20 Trail trees N. 20° W. and S. 20° E.
33.00 Low ridge, descend gently
40.00 Deposit 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
Over low rolling hills.
60.00 Ascend SW. slope gradually
74.00 Top of ascent, thence over rolling table land.
80.00 Deposit marked limestone 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 E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 23 N. S. 16 on N.E.
R. 47 W. S. 21 on S.E.
S. 20 on SW. and
S. 17 on N.W. faces with 3 notches on S. and 4 notches on E. edges

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

S. 89° 56' E. on a random line bet. Secs. 16 and 21.
4.00 Set temp 1/4 Sec. Cor.
79.90 Intersect N. and S. line 4 lks. N. of the Cor. of Secs. 15, 16, 21 and 22
Thence true

Subdivision of T. 23 N. R. 47 W. Continued.

Chains.

N. 89° 54' W. on a true line bet. Secs. 16 and 21.
Over rolling ground on W. face hills.
2.00 Descend W. slope, gradually.
29.00 Bottom descent, in basin.
39.95 Deposit marked red sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18x18x12 ins. E and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face
46.00 Ascend E. slope low hills gradually.
75.00 Top of ascent. thence over rolling ground.
79.90 The Cor. of Secs. 16, 17, 20 and 21.

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

N. 0° 9' E. bet. Secs. 16 and 17.
Over rolling ground on top hills
26.00 Descend gentle N.E. slope, from low ridge.
40.00 Bottom descent in W. end of depression
Deposit 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
Ascend gently.
49.00 Low ridge, thence over rolling ground.
61.00 Descend gently.
65.00 Enter rolling valley runs E. and W.
70.00 Trail, trees N. 60° W. and S. 60° E.
80.00 Deposit marked limestone 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

Subdivision of T. 23 N. R. 47 W. Continued

Chains

In S.E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T. 23 N. S. 9 on N.E.
R. 47 W. S. 16 on S.E.
S. 17 on S.W. and
S. 8 on N.W. faces with 4 notches on S. and E. edges.
Land rolling
Soil sandy 3rd and 4th rate.
Vegetation, sand grass

S. 89° 54' E. on a random line bet. Secs. 9 and 16.
40.00 Set temp. 1/4 Sec. Cor.
79.92 Intersect N. and S. line 12 lks. N. of the Cor. of Secs. 9, 10, 15 and 16.
Thence I run
N. 89° 49' W. on a true line bet. Secs. 9 and 16
Over rolling valley land.
4.40 Trail, bears N. 80° E. and S. 80° W.
18.00 Point 60 lks. N. of Joe Bignells house
19.00 Ranch trail, runs N. and S.
27.70 Wire fence runs N. and S.
28.00 Ascend E. slope ridge.
29.60 Top of ascent on ridge, bears N. and S. 75 ft. above valley. descend over broken ground.
36.00 Bottom descent over low sand bluffs.
39.46 Deposit 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
56.00 Enter rolling valley land.
79.92 The Cor. of Secs. 8, 9, 16 and 17.
Land rolling and broken
Soil sandy 3rd and 4th rate.
Vegetation, bunch and sand grass.

Subdivision of T. 23 N. R. 47 W. Continued

Chains

N. 89° E. bet. Secs. 8 and 9
Over rolling ground.
13.00 Ascend gently
27.00 Top of ascent on W. face low ridge, thence over low broken ridge or ravine.
40.00 Deposit 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
61.50 Ascend gradual S. slope
72.78 Wire fence, runs E. and W.
80.00 Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 4, 5, 8 and 9 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. 23 N. S. 4 on N.E.
R. 47 W. S. 9 on S.E.
S. 8 on S.W. and
S. 5 on N.W. faces with 5 notches on S. and 4 notches on E. edges.
Land rolling and broken
Soil sandy 3rd and 4th rate.
Vegetation bunch and sand grass.
January 11 1901.

S. 89° 49' E. on a random line bet. Secs. 4 and 9.
40.00 Set temp. 1/4 Sec. Cor.
80.12 Intersect N. and S. line 2 lks. N. of the Cor. of Secs. 3, 4, 9 and 10.
Thence I run
N. 89° 48' W. on a true line bet. Secs. 4 and 9.
Ascend along E. face hills.
22.6 Wire fence, runs N. and S.
4.00 Top of ascent on S. face hills.
25.00 Ascend S.E. face range, from depression

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	
36.00	Top of ascent on high range of hills
40.06	Deposit 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
40.50	Descend W. face hills.
46.00	Bottom descent, in ravine or depression.
68.50	Depression, bears N. and S. ascend E. slope ridge.
71.80	Top of ascent S. face ridge.
80.12	The Cor. of Secs. 4, 5, 8 and 9.

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

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

40.00	Set temp. ¼ Sec. Cor.
65.70	Intersect N. edge of Tp. 45 lks. W. of the Cor. of Secs. 4, 5, 32 and 33.

Thence I run
S. 0° 31' W. on a true line bet. Secs. 4 and 5.
Over low rolling hills.

13.00	Ascend gently from low ridge.
20.00	Narrow valley, runs E. and W. ascend gently.
25.70	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 4 ft. long 2 ins. sq. 12 ins. in the ground, marked ¼ Sec. on W. face
30.00	Ascend gradually along N. slope range.
63.00	Descend gently, from Top of range bears E. and W.
65.70	The Cor. of Secs. 4, 5, 8 and 9.

Land rolling
Soil sandy 4th rate.
Vegetation, sand grass.
January. 15. 1901.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	

From the Cor. of Secs. 5, 6, 31 and 32 on the S. bdry of Tp. I run
N. 0° 8' E. bet. Secs. 31 and 32.
Over low hills.

9.50	Descend gentle N.E. slope.
13.00	Enter rolling ground bears N.W. and S.E.
17.80	Trail bears N.W. and S.E.
24.00	Ascend gently.
29.50	Top of ascent on W. face low hills.
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 N. face
46.00	Descend gently
47.55	Trail runs N.E. and S.W.
49.00	Enter neck of valley. E. and W.
53.90	Trail runs N. 80° E. and S. 80° W.
55.50	Ascend S. slope bluff.
57.50	Top of ascent.
64.98	Wire fence bears N. 80° E. and S. 80° W.
69.50	Ascend over broken ground.
74.00	Bluff on ridge
75.52	Wire fence bears N.E. and S.W.
79.00	W. face sand bluffs.
80.00	Falls in sand blow-out therefore at point N. 0° 8' E. from true Cor. point. 1 ch. dist. Deposit marked limestone 12 ins. in the ground for Witness Cor. to the Cor. of Secs. 29, 30, 31 and 32. dig pits 18x18x12 ins. N.E. S.E. N.W. & S.W. of Cor. 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 N.E. T. 23 N. R. 29 on N.E. R. 47 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.

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

Subdivision of T. 23 N. R. 47. W. Continued

Chains.

N. 89°09' E. on a random line bet. Secs. 29 and 32.
40.00 Set temp. 1/4 Sec. Cor.
80.00 Intersect sect. N. and S. line at the Cor. of Secs. 28, 29, 32 and 33
Thence I run
S. 89°59' W. on a true line bet. Secs. 29 and 32.
Over rolling ground on N. face low hills.
4.00 Descend, gently
10.00 Bottom descent, thence over rolling ground.
32.00 Ascend E. slope low hills.
33.60 Top of ascent 40 ft. on low hills
40.00 Deposit 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 dry ground, marked
1/4 S on N. face
47.00 Descend gently
53.00 Bottom descent in rolling ground
56.40 Trail, along fence.
56.80 Wire fence, runs N. and S.
67.62 N.E. Cor. of Smith cattle shed.
74.00 Ascend abruptly over broken hills.
78.75 Top of ascent, on N. face "blowout".
80.00 Point for Cor. of Secs. 29, 30, 31 and 32.
Land rolling and broken
Soil sandy 4th rate.
Vegetation, bunch and sand grass.

S. 89°59' W. on a random line bet. Secs. 30 and 31.
20.00 Set temp. 1/4 Sec. Cor.
70.06 Intersect bdy of Tp. 12 lks N. of the Cor. of Secs. 30, 31 and 36.
Thence I run
N. 89°54' E. on a true line bet. Secs. 30 and 31.
Ascend over broken ground.
7.00 Top of ascent on low bluff. thence over broken ground.
24.00 Descend S.E. slope.

Subdivision of T. 23 N. R. 47. W. Continued

Chains

30.00 Bottom descent in basin.
34.12 Trail, bears N. and S.
35.06 Deposit marked red sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18x18x12 ins. E. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. over deposit.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S. on N. face.
Ascend S.W. slope.
45.00 Top of ascent on ridge bears N.W. and S.E. thence over broken ground, ridges and ravines. —
66.80 Ridge - ascend over broken ~~ground~~ —
75.60 The point for Cor. of Secs. 29, 30, 31 and 32.
Land broken
Soil sandy 4th rate.
Vegetation bunch and sand grass.

N. 0° 8' E. from true Cor. point bet. Secs 29 and 30.
Ascend out of "blowout"
1.00 Witness Cor. of Secs. 29, 30, 31 and 32.
4.12 W. face sand bluff - 125 ft. above valley -
Descend abrupt N.E. face
11.00 "Sand blowout"
18.50 Bottom descent in ravine runs N.W. and S.E. thence over low hills.
31.00 Ascend S. slope ridge.
34.00 Top of ascent, descend N.E. slope hills.
40.00 Deposit marked red sand stone 12 ins. in the ground for 1/4 Sec. Cor. dig pits 18x18x12 ins. N. & 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 Enter rolling valley land bears N.W. and S.E.
52.44 Wire fence runs N.W. and S.E.
55.35 Trail runs along fence
61.00 Ascend low hills —

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
63.75	Top of ascent on W. face low hills.
66.95	Wire fence runs N.W. and S.E. ascend gently
80.00	On W. face low ridge. Deposit red sandstone 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 T. 23 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 and broken
Soil sandy 3rd and 4th rate.
Vegetation, bunch and sand grass.

N. 89° 09' E. on a random line bet. Secs. 20 and 29.
40.00 Set temp. 1/4 Sec. Cor.
80.06 Intersect N. and S. line 20 lks. S. of the Cor. of Secs. 20, 21, 28 and 29.
Thence I run.
S. 89° 50' W. on a true line bet. Secs. 20 and 29.
Ascend over rolling table land.
14.00 Top of ascent, thence over ridge and broken ground
20.00 descend S.W. slope
40.00 On N.E. face low ridge. Deposit 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 descend over broken ground.
67.20 Trail runs N. and S. ascend over rolling ground.
78.00 Top of ascent on low hills, descend gently.
80.06 The Cor. of Secs. 19, 20, 28 and 30.

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

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
	S. 89° 54' W. on a random line bet. Secs. 19 and 30.
40.00	Set temp. 1/4 Sec. Cor.
74.46	Intersect W. bdry of Tp. 5 lks. S. of the Cor. of Secs. 19, 24, 25 and 30.
	Thence I run
	N. 89° 06' E. on a true line bet. Secs. 19 and 30.
	Ascend gently along N. slope low hills.
5.00	Top of ascent. descend gently.
12.00	Bottom descent thence over rolling ground in S. edge of valley.
19.40	Trail runs N. and S.
34.46	Deposit 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.
50.25	Trail bears N. 65° W. and S. 65° E.
57.75	Trail bears N.W. and S.E.
59.20	Wire fence bears N. 15° W. and S. 15° E.
62.24	Wire fence bears N.W. and S.E. ascend W. slope low hills.
74.46	The Cor. of Secs. 19, 20, 29 and 30

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

N. 0° 8' E. bet. Secs. 19 and 20.
Over low hills.
27.00 Ascend S.E. slope over broken ground.
37.00 Top of ascent on W. face high sand bluffs.
40.00 Falls in sand blow out.
41.50 Descend abruptly N. slope bluffs.
42.50 Bottom descent in ravine runs E. and W. Deposit marked limestone 12 ins. in the ground for Witness Cor. to 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.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	
	In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked. N.C. ¼ S. on W. face.
	Over low rolling hills.
56.00	Descend gentle N. slope
66.00	Enter rolling valley bears E. and W.
69.00	Trail bears N. 10° W. and S. 10° E.
80.00	Deposit marked limestone 12 ins. in the ground for Cor. of Secs. 17, 18, 19 and 20. 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. 23 N. S. 17 on N.E. R. 47 W. S. 20 on S.E. S. 19 on S.W. and S. 18 on N.W. faces with 3 notches on S. and 5 notches on E. edges.
	Land rolling and broken. Soil sandy 3rd and 4th rate. Vegetation brush and sand grass.

	N. 89° 50' E. on a random line bet. Secs. 17 and 20.
40.00	Set temp. ¼ Sec. Cor.
79.90	Intersect N. and S. line 11 Chs. S. of the Cor. of Secs. 16, 17, 20 and 21.
	Thence true
	S. 89° 45' E. on a true line bet. Secs. 17 and 20.
	Over rolling ground sloping S.E.
29.00	Descend S.E. slope over broken ground.
37.95	In depression between low ridge deposit 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.

Subdivision of T. 23 N. R. 47 W. Continued.

Chains	
45.00	Bottom descent in N. edge rolling valley.
50.25	Trail runs N.W. and S.E.
59.00	Ascend gentle N. slope low hills.
72.50	Top of ascent, descend gently
74.00	Enter rolling valley.
79.90	The Cor. of Secs. 17, 18, 19 and 20.
	Land rolling and broken. Soil sandy 3rd and 4th rate. Vegetation brush and sand grass. January - 12. 1901.

	S. 89° 56' W. on a random line bet. Secs. 18 and 19.
40.00	Set temp. ¼ Sec. Cor.
72.66	Intersect W. bdry of Tp. 12 (Ches. S.) the Cor. of Secs. 13, 18, 19 and 24.
	Thence true
	S. 89° 59' E. on a true line bet. Secs. 18 and 19.
	Over low broken hills.
4.00	Trail runs N. 20° W. and S. 20° E. ascend gently.
22.00	Top of ascent on S. face low hills. descend.
30.00	Bottom descend in circular basin
32.66	Deposit Iron rod ½ ins. by 24 ins. 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.
	Over rolling ground.
49.66	Wire fence runs N. and S.
53.00	Descend gentle E. slope.
60.00	Enter rolling valley land.
70.50	Trail runs N. and S.
72.66	The Cor. of Secs. 17, 18, 19 and 20.
	Land rolling and broken. Soil sandy 3rd and 4th rate. Vegetation sand and bunchgrass.

	N. 0° 8' E. bet. Secs. 17 and 18.
	Over rolling valley land.
31.00	Ascend S. slope gradually.

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
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
42.25	Trail bears N.W. and S.E.
74.00	Top of ascent on range of hills bearing E. and W. 100 ft. above valleys, descend gently
80.00	Deposit marked limestone 12 ins. in 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 T. 23 N. S. 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 2 notches on E. edges.

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

Chains	
	N. 89° 45' E. on a random line bet. Secs 8 and 17.
40.00	Set temp ¼ Sec. Cor.
79.86	Intersect N. and S. line 6 lks. S. of the Cor. of Secs. 8, 9, 16 and 17.
	Thence true
	S. 89° 42' W. on a true line bet. Secs. 8 and 17.
	Over rolling valley land
11.20	Trail runs N. 60° W. and S. 60° E.
7.00	N. face low ridge thence over low rolling foot hills
59.93	Deposit 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

Subdivision of T. 23 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 ¼ S. on N. face
47.00	Low ridge thence over rolling ground
61.00	Ascend a gradual N.E. slope
77.00	Top of ascent on N. face hills
79.86	The Cor. of Secs. 7, 8, 17 and 18.

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

Chains	
	N. 84° 54' W. on a random line bet. Secs 7 and 18
40.00	Set temp. ¼ Sec. Cor.
72.18	Intersect W. bdry of T. 23 N. 5 lks. N. of the Cor. of Secs. 7, 12, 13 and 18.
	Thence true
	N. 89° 57' E. on a true line bet. Secs. 7 and 18.
	Ascend over broken ground
3.00	Top of ascent on N. face bluff.
14.00	Descend gently.
28.00	Depression ascend gradual N.W. slope.
32.18	Deposit 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
38.00	Top of ascent, thence over rolling ground on foot hills.
44.00	Descend gently to E. slope
48.70	Wire fence, runs S. from pit 2 chs. N.
53.00	Trail bears N.W. and S.E. ascend gently N. slope.
72.18	The Cor. of Secs. 7, 8, 17 and 18

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

Subdivision of T. 23 N. R. 47 W. Continued.

	Chains	Sec
Letter 1st from Commr of Pub Lands & Buildings Dec. 17, 1904 (E220108-1904) and Ans shorts		N. 0° 8' E., bet. Secs. 7 and 8.
		Descend N. slope hills gradually.
	20.00	Bottom descent thence over low rolling hills.
	26.20	Trail N. 70° W. and S. 70° E.
	32.00	Trail runs E. and W.
	35.00	Neck of valley extends to E. ascend gently.
	40.00	On low ridge Deposit 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. In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked ¼ S on W. face.
	56.00	Top of ascent, on low hills.
	78.28	Wire fence runs E. and W.
	78.00	Descend gently.
	80.00	Deposit marked limestone 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. 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 S. 23 N. S. 5 on N.E. R. 47 W. S. 8 on S.E. S. 7 on S.W. and S. 6 on N.W. faces with 3 notches on S. and E. edges.
		Land rolling and broken
		Soil sandy 3rd and 4th rate.
		Vegetation, sand grass
		N. 89° 42' E. on a random line bet. Secs. 5 and 8
	40.00	Set temp. ¼ Sec. Cor.
	79.80	Intersect N. and S. line 27 lks. N. of the Cor. of Secs. 4, 5, 8 and 9.
		Thence I run
		S. 89° 50' W. on a true line bet. Secs. 5 and 8.
see above		Descend S.W. slope gradually.
	80.00	Bottom descent, over low hills.

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
39.90	Deposit 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 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. ¼ Cor. on N. face low hills.
59.00	Bottom descent thence over rolling ground
79.80	The Cor. of Secs. 5, 6, 7 and 8.
	Land rolling and broken
	Soil sandy 3rd and 4th rate.
	Vegetation, sand and bunch grass
	S. 89° 51' W. on a random line bet. Secs. 6 and 7.
40.00	Set temp. ¼ Sec. Cor.
71.70	Intersect W. bdry of Tp. 2 lks N. of the Cor. of Secs. 1, 6, 7 and 12.
	Thence I run
	N. 89° 53' E. on a true line bet. Secs. 6 and 7.
	Over rolling ground.
0.42	Wire fence bears N. and S.
31.70	Deposit 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 deposit.
	× In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked ¼ S. on N. face.
	Ascend gently
66.00	Top of ascent, on low hills, descend gently
71.70	The Cor. of Secs. 5, 6, 7 and 8.
	Land rolling
	Soil, sandy 3rd and 4th rate.
	Vegetation, sand grass

Subdivision of T. 23 N. R. 47 W. Continued

Chains

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

40.00 Set temp. 1/4 Sec. Cor.

61.74 Intersect N. bdry of Tp. 28 lks. W. of the Cor. of Secs. 5, 6, 31 and 32.

Thence I run

S. 0°23' W. on a true line bet. Secs. 5 and 6.

Ascend N.E. slope low hills - gradually.

21.74 a deposit marked limestone 12 ins. in the ground for 1/4 Sec. 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 S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face.

26.50 Top of ascent on low hills, descend gently.

43.50 Bottom of descent in rolling valley bears E. and W.

~~49.60 → Comp. cum. N. 0°8' E. and S. 0°8' W.~~

~~49.61~~

61.74 The Cor. of Secs. 5, 6, 7, and 8.

Land rolling.

Soil sandy 3rd and 4th rate

Vegetation brush and sand grass

January. 14. 1901.

(61.74)

as from Commr of Pub. Lands and Buildings 4 Dec. 17, 1904 (E 220108-1904) and Amendments.

Claim Lines of T. 23 N. R. 47 W.

Chains

56 Sec. 56.

Survey Pre. of Frederick Naumann, 160 acres in Secs. 22, 23, 26 and 27 owned by Alonzo Hague - The E. bdry., the N.E. and S.E. Corners being marked by a fence, the corners claimed being points 3 lks. E. of the S.E. and N.E. Corner posts.

The N.E. Cor. being also the S.E. Cor. of S. 40 acres of Isaac F. Marshall H.E. owned by Florance McCarthy being also the N.W. Cor. of Daniel E. Wilcox H.E. and the S.E. Cor. being also the S.W. Cor. of W. 80 acres of Wilcox H.E. From the N.E. Cor. I run

S. on a random line on E. bdry.

40.96 Intersect S. bdry, 2 lks. E. of Cor. found as claimed

Thence I run

N. 0°02' E. on a true line bet. Naumann and Wilcox.

Over level land

40.96 The N.E. Cor.

Land level

Soil sandy 2nd rate.

Vegetation course meadow grass.

The area being 160 acres and the measurement from N.E. to S.E. Corner being 40.96 chs. the measurement of claim from E. to W. being 160 ÷ 40.96 = 39.06 chs. The departure being 2 lks. E. the N. bdry. will therefore be 39.06 + 0.01 = 39.07 chs. the S. bdry will be 39.06 - 0.01 = 39.05 chs. - From the N.E. Cor. I run

W. on N. bdry

Over level meadow land

20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. McCarthy H.E. and S.E. Cor. H.E. of James McGurk - dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit.

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

F. McC. on N.E. and

J. McG. on N.W. faces

39.07 Deposit marked limestone 12 ins. in ground for N.W. Cor. and the S.E. Cor. of Florance McCarthy H.E. owned by Alonzo Hague.

Claim Lines of T. 23 N., R. 47 W. Continued.

Chains

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
A. H. on S.E. and S.W. faces
Land level, s
Soil sandy 2nd rate.
Vegetation sand and meadow grass

S. on W. bdry. bet. Pre and T.C.
Over level meadow land
0.18 Wire fence runs E. and W.
36.93 Wire fence runs N.W. and S.E. ascend gently
40.96 Set Temp. Cor.
Land level and rolling
Soil sandy, 2nd and 3rd rate.
Vegetation, sand and meadow grass

From the S.E. Cor. I run
N. on S. bdry.
Ascend gently
18.00 Top of slight raise
22.00 descend gently
35.04 Wire fence, runs N. 15° W., ascend gently
39.05 Intersect W. bdry. at temp. Cor. deposit marked limestone 12 ins. in ground for S.W. Cor. of Claim being also the S.E. Cor. of McCarthy T.C. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth - 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on N.W. and N.E. faces. This Cor. bears S. 65°24' W. 15.56 chs dist from Cor. of Secs. 22, 23, 26 and 27.
Latitude S. 6.48 chs. departure W. 14.15 chs. being 14.13 chs. W. of Sec. line at this point. Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass

Claim Lines of T. 23 N., R. 47 W. Continued

Chains

58 **Sec 58.**

Survey of T.C. Claim of Florance McCarthy, 160 acres in Secs. 22 and 27, owned by Alonzo Hague - The N.E. cor. S.E. and the E. bdry. being described in field notes of Pre. of Naumann - The calculation as to area of Naumann Claim applies to this marking of N. and S. line, 40.46 chs. and the E. and W. lines, 39.06 chs.
From the N.E. Cor. I run
N. on N. bdry.
Over level meadow land
15.00 Ascend gentle S.E. slope
20.93 deposit marked limestone 12 ins. in ground for S.W. Cor. of James McSlunk being 40 chs. W. from the S.E. Cor. established in survey of Naumann 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. McS. on N.E. face
25.00 Top of ascent thence over rolling ground
26.62 Wire fence begins N. 55° W. and S. 55° E.
28.62 Wire fence bears N. 20° W. and S. 20° E., descend S.W. slope ridge
39.06 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
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on S.E. face
Land level and rolling.
Soil sandy 2nd and 3rd rate.
Vegetation, coarse meadow and sand grass. #

S. on N. bdry.
Ascend N.E. slope ridge
4.00 Top of ascent, descend gentle S.E. slope
20.00 Bottom, descent, ascend N.E. slope

Claim Lines of T. 23 N., R. 47 W. Continued

Chains

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

38.50 Descend from low ridge

40.96 Set temp. S.W. Cor.

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

From the S.E. Cor. heretofore described I run
N. on E. bdry.
Ascend gentle S.E. slope

5.80 Low ridge bears N. and S. descend gently

14.00 Bottom descent, over rolling ground.

27.00 Ascend E. slope broken hills.

31.00 Top of ascent on N. face ridge, thence over broken ground

39.06 Intersect N. bdry at 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
A. H. on N.E. face.

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

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57 Sec 57

Survey H.E. of James McGurk 80 acres in Secs 22 and 23. The S.E. and S.W. Corners and the S bdry being established, and described in the field notes of the Survey of Naumann Bros. and McCarthy T.C. From the S.W. Cor. I run
N. on W. bdry.
Ascend S.E. slope hills.

15.00 Top of ascent 100 ft. on E. face hills.

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.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

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. McG. on S.E. face

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

E. on N. bdry
Over broken ground on E. face hills.

6.00 Descend E. slope

21.00 Bottom descent in depression, ~~ascend~~

29.00 Top of ascent, on low foot hills, descend gently

35.00 Bottom descent, over valley land.

40.00 Set temp N.E. Cor.

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

From the S.E. Cor heretofore described I run
N. on E. bdry bet. McGurk and Marshall.
Over level land

20.00 Intersect N. bdry at temp. Cor. 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. McG. on S.W. face

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

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59 Sec. 59

Survey H.E. of Isaac F. Marshall. 160 ac. in Sec. 23 owned by Florence McCarthy. The S.E. and S.W. Corners of the S.W. 40 acres of the

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	Claim being described in field notes of the survey of Pre of Naunanu - and the N. bdry, and N.E. Corners of N. part of Claim are, by request placed on the S. bdry of the Hd. E. of Florance McCarthy - Therefore from the N.E. Cor. of McGuk - I run
	N. on W. bdry
	Over rolling valley land.
2.00	Trail bears N.W. and S.E.
8.00	Ascend gentle S.W. slope
14.00	Top of ascent - thence over rolling ground
20.00	At temp. N.W. Cor. before locating this Cor. I run on random line East at 100.03 chs. Intersect the Original Cor. of Secs. 13, 18, 19. and 24. as represented to me to be such, at a point 0.4 lks. S. of the old Cor. which is a stake in flat mound with pits N.S.E. and W. 5 ft. dist - the W. bdry of Marshall Claim should be.
20.54	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
	In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked F. McC. on S.E. face.
	Land rolling.
	Soil sandy 3rd rate.
	Vegetation, sand grass.

The S.W. Cor. of SW. 40 acres being also the S.E. Cor. of McGuk H.E. bears S. 41° E., 7.32 chs. dist from ¼ Cor. bet. Secs. 22 and 23. Latitude S. 5.52 chs departure E. 4.80 chs. being 4.82 E. from the line at this point.

The N. bdry of Claim being 60 chs. long - the S. bdry of SW. 40 acres - being 20 chs. for the claim to contain 160 acres. the W. portion or 80 acres being 40.54 chs. N. and S and 20 chs. E. and W. on S. bdry will contain 40.54 x 2 = 81.08 acres the E. portion or 80 acres should therefore contain 160. - 81.08 = 78.92 acres. and its length E. and W. being 4 chs. its width should be. 78.92 ÷ 4 = 19.73 chs.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	The E. bdry of SW. 40 acres will therefore be. 40.54 - 19.73 = 20.81 chs. from the N.W. Cor. I run
	E. on N. bdry
	Over low broken hills
8.60	Descend E. slope ridge.
15.50	Bottom descent in basin like depression.
23.00	Ascend S.E. slope. low ridge.
29.00	Top of ascent on S. face, descend
30.90	Wire fence bears N. 30° E. and S. 30° W. Enter meadow land
33.25	Ranch trail, bears N.E. and S.W.
60.00	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 the ground, marked F. McC. on SW. face.
	Land, rolling and broken
	Soil, sandy 2nd and 3rd rate.
	Vegetation, meadow and sand grass.

	S. on E. bdry.
	Over meadow land
14.18	Wire fence, bears N. 80° E. and S. 80° W. ascend low hills
18.50	Top of ascent 30 ft. on W. face
19.73	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. McC. on NW. face.
	Land level and rolling
	Soil sandy 2nd and 3rd rate.
	Vegetation, sand and meddow grass.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	W. on S. E. 80 acres
	Over low hills.
9.08	Wire fence, runs N.E. and S.W. enter meadow.
21.47	Wire fence runs N.W. and S.E. Enter low hills.
23.00	Low ridge - over low rolling hills.
35.83	Nail, bears N.E. and S.W.
40.00	Set temp. Cor. for S.W. Cor. of E. 80 or portion of Claim
	Land level and rolling
	Soil sandy 2nd and 3rd rate.
	Vegetation, sand, and meadow grass.

From the S.E. Cor. of S.W. 40 acres of claim heretofore described, I run
N. on E. bdry
Over rolling ground

3.00	Ascend gently over low hills.
18.00	Nail runs E. and W.
19.50	Top of ascent, on E. face low ridge - descend gently
20.81	Intersect S. bdry of E. portion of claim at temp. Cor. deposit marked limestone 12 ins. in ground for S.W. Cor. E. portion 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. McC. on N.E. face
	Land level and rolling.
	Soil sandy 2nd and 3rd rate:
	Vegetation, sand grass.

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53 Sec. 53

Survey of H.E. of Florance McCarthy 108.71 Ac. in Secs. 13, 14, 23 and 24. The original Cor. of Secs. 13, 18, 19, and 24 is shown me at the S.E. Cor. of the W. 120 acres of this claim, the fractional part of this claim being lot 4 original Sec. 18. as represented by the old Cor. claimed - and heretofore described from this Cor. I run
N. on W. bdry of claim

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
	Over valley land.
9.30	Trail, bears N.W. and S.E. ascend N.E. slope of low hills.
10.00	Top of ascent 25 ft.
22.00	Descend gentle S.W. face.
28.00	Bottom, descent in rolling valley.
31.80	Wire fence runs N. 10° E. and S. 10° W. Enter meadow.
37.88	N.E. Cor. Monhall claim.
60.00	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 F. McC. on N.E. face
	Land level and rolling.
	Soil sandy 2nd and 3rd rate.
	Vegetation meadow and sand grass.

N. on W. bdry
Over level meadow land

5.70	Nail bears N. 60° E. and S. 60° W.
11.18	Wire fence bears N. 70° E. and S. 70° W. ascend S. slope low hills.
15.00	Top of ascent 50 ft. thence over broken ground.
20.00	Set. temp. Cor.
	Land level and broken
	Soil sandy 2nd and 4th rate:
	Vegetation sand grass and meadow grass.

Original Lot 4 Sec. 18 Contains 36.71 acres. the measurement of this lot from N. to S. being 20 chs. the measurement from E. to W. will be 36.71 ÷ 2 = 18.50½ chs. From the original Cor. of Secs. 13, 18, 19 and 24 which bears S. 78°52' E. 25.15 chs. dist from the Cor. of Secs 13, 14, 23 and 24. Latitude S. 4.46 chs. Departure E. 24.68 chs. I run
E. on S. bdry Lot 4.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	Over level meadow land
18.35½	Deposit marked limestone 12 ins. in ground for S.E. Cor. of Claim, being also N.W. of S. 80 acres of Alonzo Woodside, claim owned by Frank C. Mulloy. 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 F. McC. on N.W. and T. C. M. on N.E. faces
	Land, level meadow
	Soil sandy 2nd rate.
	Vegetation, meadow grass

	N. on E. bdry of claim bet. Woodside & McCarthy
	Over level meadow
17.00	Ascend gently
20.00	Deposit marked limestone 12 ins. in the ground for N.E. Cor. of Claim and N.W. Cor. Woodside 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 S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked F. McC. on S.W. and T. C. M. on S.E. faces
	Land level and rolling
	Soil sandy 2nd and 3rd rate.
	Vegetation, meadow and sand grass.

	V. on N. bdry Claim.
	Over rolling ground
1.50	Descend gently
10.00	Bottom descent, over rolling ground in N. edge of valley.
43.00	Point 50 lks. N. of old house, ascend gentle S.E. slope

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
43.55	Wire fence, bears N. 80° E. and S. 80° W.
46.00	Top of ascent 40 ft. in S. face hills, thence over broken ground.
72.50	S. face of ridge descend S.W. slope.
78.35½	Temp. N.W. Cor. deposit marked limestone 12 ins. in the ground for N.W. Cor. of Claim dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked F. McC. on S.E. face
	Land rolling and broken
	Soil sandy 2nd and 3rd rate.
Jan. 16, 1911	Vegetation sand grass.

Sec. 60

	Survey H.E. of Daniel E. Wilcox. 160 acres in Secs. 23 and 26. the N.W. and S.W. Corners, and W. bdry being described in Survey of Pre. of Nanmann. The length of W. 80 acres being 40.96 its width will be 80 ÷ 4.196 = 19.53 chs. the departure of W. bdry being 2 lks E. the length of N. end of W. 80 will be 19.55 chs. and S. end will be 19.54 chs.
	From the S.W. Cor. Trun
	E. on S. bdry W. 80 acres.
	Over level meadow land.
19.54	Deposit marked limestone 12 ins. in ground for S.E. Cor. W. 80 acres of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked D.E.W. on N.W. face
	Land level
	Soil sandy 2nd rate.
	Vegetation coarse meadow grass

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	S. on W. bdry. of S.E. 40 acres.
	Over level valley.
16.00	Ascend gently over rolling ground.
20.00	Deposit marked limestone 12 ins. in the ground for N.W. Cor. C. 80 acres of claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit. In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked D.E.W. on N.E. face
	Land level and rolling.
	Soil sandy 2nd and 3rd rate.
	Vegetation, meadow and sand grass.

As the length of W. 80 acres is 40.96 chs. the N.W. Cor. of the E. 80 acres should be at a point midway between the N.E. and S.E. Corners of W. 80 acres, or 20.48 chs. S. of the N.E. Cor. of W. 80 acres, therefore to make the E. 80 acres of this claim 40.48 chs. from N. to S. its width will therefore be 80 ÷ 40.48 = 1.970 chs. From the N.W. Cor. E. 80 acres I run

	E. on S. bdry.
	Over rolling land.
3.00	Enter meadow land
19.76	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 D.E.W. on N.W. face
	Land rolling and level.
	Soil sandy 2nd and 3rd rate.
	Vegetation, coarse slough and sand grass.

	N. on E. bdry.
	Over level land in dry bed slough.
10.10	Leave dry bed slough over meadow land.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
32.30	Leave meadow at trail running N.W. and S.E.
34.00	Ascend gentle S.E. slope.
39.00	Top of ascent, Over rolling ground
40.48	~~Cor~~ temp. – N.E. Cor. C. 80 acres.
	Land, level and rolling.
	Soil sandy 2nd and 3rd rate.
	Vegetation, coarse slough, meadow and grass.

	From the N.W. Cor. W. 80 acres I run
	E. on N. bdry.
	Over rolling valley
2.70	Trail, bears N.W. and S.E.
7.70	Ascend gentle S.W. slope
10.00	Top of ascent
19.52	Deposit marked limestone 12 ins. in ground for N.E. Cor. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked D.E.W. on S.W. face
	Land level and rolling
	Soil sandy 2nd and 3rd rate.
	Vegetation, meadow and sand grass.

	N. on E. bdry
	Over low hills
4.00	Low ridge, descend gently
7.00	Enter valley
7.66	Trail, bears N.W. and S.E.
20.48	Deposit marked lime stone 12 ins. in ground for N.W. Cor. C. 80 acres, 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 D.E.W. on S.E. face Land level and rolling
	Soil sandy 2nd and 3rd rate
	Vegetation sand and meadow grass.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

E. on N. bdry of E. 80 acres.
Over meadow land.
5.00 Leave meadow, thence over rolling ground
12.50 Trail bears N. W. and S.E. ascend gently
19.76 Intersect E. bdry at temp Cor. deposit marked limestone 12 ins. in ground for N.E. Cor. E. 80 acres 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. & 12 ins in ground, marked
D.E. W. on S.W. face.
Land level and rolling
Soil sandy, 2nd and 3rd rate.
Vegetation, meadow and sand grass.

Sec (63)

Survey H.E. of John Sabin 160 acres in Secs. 25, 26, 35 and 36 from the old Cor. of Secs. 25, 30, 31 and 36 as represented by A. Hague and F.C. Mulloy as being the original Corner being a wagon skein firmly set this Cor. being the S.E. Cor. of Claim and also the N.W. Cor. of H.E. of George A. Hill.
From the S.E. Cor. I run
W. on S. bdry
Over rolling valley land.
6.00 Trail bears N. W. and S.E.
6.45 Cor. of fence runs N. 88° W. and S.E.
22.20 Trail bears N. and S.
36.47 Corral fence runs S. from point 6 ft. N.
40.00 Falls in cattle Corral, deposit triangle shape casting from mowing machine 16 ins. on each side 12 ins. in ground S.W. Cor. of Claim and S.E. Cor. H.E. of George Mehl, pits and mound impracticable, this Cor. bears S. 61° 23' W. 16.96 chs dist from Cor. of Secs. 25, 26, 35 and 36 Latitude S. 8.12 chs.
Departure W. 14.80 chs.
Land rolling valley
Soil sandy 3rd rate.
Vegetation, sand grass.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

N. on W. bdry wt. Sabins and Mehl.
Over rolling ground.
0.81 Board corral fence. N. 60° E. and S. 60° W.
2.83 Board corral fence runs E. and W.
4.00 Wire fence runs E. and W. Ascend S. slope sand bluffs
15.40 Top of ascent 60 ft. on broken ridge N.E. and S.W. thence over very broken ground.
28.30 Descend N. E. slope.
43.00 Bottom descent in rolling valley.
57.00 Enter meadow land.
The N. bdry or extremity of this claim, as claimed by the representative of Mr. Sabin is at, a point E. of the S. bdry on S.E. Cor. of Wilcox H.E.
61.60 A point 59 lks. E. of the S.E. Cor. of Wilcox H.E. deposit marked limestone, 12 ins. in ground for N.W. Cor. of claim, being also the N.E. Cor. Mehl. H.E. 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 S. pit, drive an Oak stake 2 ft. long 2 ins. & 12 ins in ground, marked
J.S. on S.E. and
G.M. on S.W. face
Land, level, rolling and broken
Soil sandy 2nd and 4th rate.
Vegetation, meadow and sand grass.

The length of the N. 80 acres of this claim being 41.60 chs. its width will be 80 ÷ 4.16 = 19.23½ chs.
E. on N. bdry.
Over level land in dry bed marsh.
11.00 Leave marsh, thence over rolling ground.
12.67 Wire fence runs N.E. and S.W.
16.56 Trail bears N. and S.
19.23½ 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.

Claim Lines of T. 23 N., R. 47 W. Continued.

Chains

sg. 12 ins. in ground, marked
J. S. on S.W. face

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

S. on E. bdry N. 80 acres
Over rolling valley land.
6.70 Trail bears N. 30° E. and S. 30° W.
8.00 Ascend very gently
18.50 Descend gently
21.20 Trail bears N. W. and S. E. thence over valley land.
41.60 Set temp. Cor.

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

From the 1st S.E. Cor. of claim, I run
N. on E. bdry
Ascend gentle S.W. slope
10.00 Top of ascent on N. face low hills, descend
13.30 Trail bears E. and W.
20.00 Bottom descent in depression, deposit marked limestone 12 ins. in ground for N.E. Cor. of 80 acres of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked
J. S. on S.W. face

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

W. on N. bdry. S.E. 40 acres of claim
Over low hills
12.00 Descend gently.

Claim Lines of T. 23 N., R. 47 W. Continued

Chains
15.00 Enters rolling valley land.
20.77 Intersect E. bdry N. 80 acres of claim at temp. Cor.
Deposit marked limestone 12 ins. in ground for S.E. Cor. N. 80 acres of claim, dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked
J. S. on N. W. face

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

Sec. 64

Survey H.E. of George Mehl, 160 acres in Secs. 26 and 35. The S.E. and N.E. Corners, the E. bdry being described in the field notes of Survey Cabin H.E. the calculations as to the fractional measurement of the N. 80 acres of Cabin Claim applies also to this claim. From S.E. Cor. I run
W. on S. bdry
Ascend gently
0.63 Wire fence runs N. and S.
1.50 Top of ascent on low ridge, thence over low hills
9.00 N. edge rolling valley
16.94 Wire fence, runs S. from point 1 rod N.
24.00 Ascend low broken hills
27.00 Top of ascent, thence on N. face low broken hills.
40.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. of Claim dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft long 2 ins. sq. 12 ins. in ground, marked
G. M. on N.E. face

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

Claim Lines of T. 23 N., R. 47 W. Continued

Chains

N. on W. bdry
descend N. slope ridge
0.21 Wire fence, runs E. and W. from point 10 lks. W.
1.00 Bottom descent, ascend S. slope ridge over broken ground.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. of 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 ground, marked
G.M. on S.E. face.

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

E. on N. bdry W. 40 acres.
1.00 Descend S.E. slope ridge over broken ground
16.75 Ridge N.W. and S.E.
20.77 Deposit marked limestone 12 ins. in ground for S.W. Cor. N. 80 acres of claim, dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
G.M. on N.E. face — Cor. in ravine runs N.W. and S.E.

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

N. on W. bdry. W. 40 acres.
Ascend S.W. slope ridge
1.10 Top of ascent. on W. face hills, thence over ridges and broken ground.
30.00 Descend N.E. slope gradually.
41.60 Intersect S. bdry of 80 acres of H.E. of Daniel E. Wilcox at a point 1.12 chs. E. of the S.W. Cor. deposit marked limestone 12 ins. in ground

Claim Lines of T. 23 N., R. 47 W. Continued

Chains

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

Land rolling and broken
Soil sandy 3rd and 4th rate.
Vegetation, sand grass
January 17 1901.

Sec. 75

Survey H.E. of George A. Hills 103.83 chs. in Secs. 36 in The S.W. and S.E. Cor. and S. bdry being described in survey H.E. of Nettie L. Hague in T. 22 N. The N.W. Cor. being described in field notes of survey of John Sabin. H.E. from the S.W. Cor. I run
N. on a random line on E. bdry.
61.65 Intersect N.W. Cor. at a point 17 lks. W. of the Cor. the true bearing of W. bdry is therefore S. 0°10' W.
thence I run
S. 0°10' W. on a true line on W. bdry of Claim
Over level valley land
7.75 Trail bears N.W. and S.E.
8.08 N.W. Cor. of fence runs S. 10° E. and N.W. W.
61.65 The S.W. Cor. of Claim heretofore described

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

The W. bdry being 61.65 chs. and having a bearing of S. 0°10' W. or a falling of 17 lks. the S. bdry as described in Survey of Hague claim in T. 22 N. being 16.97 chs. The measurement of N. bdry should be in order for the claim to contain the required area. —
61.65 x 8½ lks being ½ of falling = 52/100 acres. 103.83 - 52 = 103.31 - which 103.31 ÷ 6.165 = 16.76 chs. the N. bdry should therefore be 16.76 chs. and the S. bdry 16.76 - .17 = 16.93 chs. — but, as the S. bdry has not established Cor.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

and to establish a seperate Corner for L.C. Cor. of this claim would be confusing to owners and settlers I make the S. bdry. 16.[illegible] and the N. bdry 16.72 chs. and the bearing of the E. bdry S. 0° 5' E.

From the N.W. Cor. I run
E. on N. bdry.
Ascend gently over low hills sloping to S.W.
16.72 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
B. A. on S.E. face
Land rolling.
Soil sandy 3rd rate
Vegetation sand grass.

S. 0° 05' E. on E. bdry of Claim
Over low hills—
38.50 Descend S.W. slope ridge
41.85 Trail bears N.W. and S.E. at bottom descent
57.00 Wedge alkili basin
61.65 S.E. Cor. heretofore described
Land rolling
Soil sandy and alkili 3rd rate
Vegetation sand and alkili grass

Sec. 73

Survey H. E. of Alonzo Hague 160 acres in Secs. 34 and 35 and Secs 2 and 3 T. 22 N. The S.E. Cor as represented by Mr. Hague is a stake in flat mound. From this Cor. I run
N. on E. bdry
Over level meadow land
29.55 Wire fence, bears N. 40° W. and S. 40° E. thence over rolling ground
40.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. of Claim. dig pits 18x18x12 ins. S. and W.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

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
B. A. on S.W. face
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation meadow and sand grass.

From the old S.E. Cor. I run
W. on S. bdry
Over level ground
6.00 Ascend gentle N.E. slope
6.70 Wire fence N.W. and S.E.
8.00 Top of slight raise, over rolling ground
21.00 Descend gently
25.00 Bottom descent in neck of valley - N. and S.
27.00 Trail bears N. and S.
33.00 Enter low rolling hills sloping to N.E.
40.00 Deposit marked limestone 12 ins in ground for N.W. Cor. of Claim. dig pits 18x18x12 ins. N. and E. of Cor 4 ft. dist and raise a mound of earth 3½ ft base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft long 2 ins. sq 12 ins in ground, marked
A. B. on N.E. face.
This Cor. bears S. 55° 97' W. 17.47 chs. dist from the Cor. of Secs. 2, 3, 34 and 35. Latitude S. 9.95 chs
Departure W. 14.36 chs.

N. on W. bdry
Over low rolling hills
18.00 Ascend low ridge
26.00 Land sand bluff on ridge
30.20 Corral fence N. 80° E. and S. 80° W.
33.40 Point 3 ft. W. of N.W. Corner of cattle barn, descend gently
34.17 Corral fence, bears N. 70° E. and S. 70° W.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
37.50	Bottom of descent at wire fence, bearing S. 70° W. and N. 70° E.
38.90	Trail bears N. W. and S. E.
40.00	Set temp. Cor.

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

From the N. E. Cor I run
W. on N. bdry
Over rolling valley

Chains	
3.40	Trail bears N. 80° E. and S. 80° W.
20.00	Deposit marked limestone 12 ins. in ground for S. E. Cor Pre of Edward Hague, owned by Alonzo Hague, dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft base 1½ ft. high over deposit. In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked A. H. on N. W. face
35.00	Hague's house bears S. 7 chs about
40.00	Intersect W. bdry at temp Cor, deposit marked limestone 12 ins. in ground for N. W. Cor 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 ground, marked A. H. on S. E. face

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

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72 Sec. 72.

Survey of Pre of Edward Hague 160 acres in Secs. 34 and 35 owned by Alonzo Hague. From the S. E. Cor heretofore described which Cor bears S. 29°01' E 11.38 chs dist from ¼ Cor bet Secs. 34 and 35. Latitude S. 9.75 chs, Departure E. 5.52 chs. I run
N. on E. bdry S. 80 acres
Over rolling ground.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
4.00	Ascend S. slope gently
5.50	Top, thence over low hills
17.00	Ascend S. slope ridge
18.50	W. face low ridge, dressed —
20.00	Deposit marked limestone 12 ins. in ground for N. E. Cor. dig pits 18 x 18 x 12 ins S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked A. H. on S. W. face

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

W. on N. bdry S. 40 acres
Over low broken hills.

Chains	
15.00	Enter rolling valley land N. W. and S. E.
20.00	Deposit marked limestone 12 ins. in ground for S. E. Cor. N. 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 ground, marked A. H. on N. W. face

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

W. on E. bdry N. 80 acres
Over rolling valley land

Chains	
13.00	Ascend broken
19.75	Top of ascent 80 ft. on E. face ridge
20.00	Deposit marked limestone 12 ins. in ground for N. E. Cor. 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.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

12 ins. in ground, marked.
A. H. on S.W. face

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

From N. bdry. N. 80 acres.
5.20 Face of ridge, descend over broken ground
15.00 Bottom descent in ravine
20.00 Face of low ridge, descend gradually
25.00 Enter rolling valley N. W. and S.E.
40.00 Set temp 1/4 Sec Cor.

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

From the N. W. Cor. H. E. of Alonzo Hague I run
West on S. bdry of W 1/2 S. 80 acres
Over rolling valley land
2.40 Trail bears N. W. and S.E. ascend N.E. slope
4.00 Top of ascent 40 ft. on ridge N. W. and S.E.
15.00 Ascend N.E. slope ridge
17.50 Top, descend S.W. slope
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 3 1/2 ft. base 1/2 ft. high over deposit
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on N.E. face

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

N. on W. bdry
Ascend S.W. slope ridge
3.00 Top of ascent on ridge or crest of hills. Descend N.E. slope.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

12.00 Bottom descent in valley N. W. and S.E.
15.40 Trail bears N. W. and S.E.
20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. 80 acres dig pits 18x18x12 ins S. 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 S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on S.E. face

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

W. on S. bdry N. 80 acres.
Over rolling valley
6.35 Trail bears N. W. and S.E.
9.00 Ascend N.E. slope gradually
19.00 Top of ascent on N. gentle slope
20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. dig pits 18x18x12 ins N. and E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A. H. on N. W. face

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

N. on W. bdry
Descend N.E. slope gradually
8.00 Enter valley
10.70 Trail bears N. W. and S.E.
20.00 Intersect N. bdry a temp Cor. 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 3 1/2 ft. base 1 1/2 ft. high, over deposit.

Claim Lines of T. 23 N. R. 47. W. Continued.

Chains

In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
A. H. on S.E. face

Land rolling
Soil sandy 3rd rate
Vegetation, Sand grass.
January 18. 1901

{No. 67} Sec. 67

Survey of T.C. of Herold B. Miller 157.52 acres in Secs. 31 and 32, this claim and the T.C. of William B. Wallace, the T.C. of Austa E. Craig the H.E. of Herman E. Smith the H.E. of Rose E. Smith and the T.C. of Henry C. Richards were surveyed from the old Cor. of Secs. 29. 30. 31. and 32. as shown and represented to such by Herman E. Smith which old Cor. is a flat mound with pits N.S.E. and W. and bears N. 29°04' E. 12.41 chs. dist from 1/4 Cor. bet Secs. 31 and 32. Latitude N. 10.85 chs. Departure E. 6.03 chs. being E. 6.01 from Sec. line at this point The Cor. above described being the S.E. Cor to word fractional areas. I use the W. bdry of Tp. for the W. bdry of Miller and Wallace claims. I survey claim for area - as follows.

W. on S. bdry
Over level land
3.75 Trail bears N.E. and S.W.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. T.C. of William B. Wallace owned by Herman E. Smith. 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
H.E.S. on S.W. face —
Ascend gently
23.00 Top of slight raise, descend gently
26.00 Enter rolling valley land.
44.30 Trail bears N. and S.
64.00 Trail bears N. 60° W. and S. 60° E —

Claim Lines of T. 23 N. R. 47. W. Continued.

Chains

65.00 Ascend gentle N. face low hills
76.00 Top of slight raise
76.12 Wire fence runs N. 10° W. and S. 10° E.
81.20 Intersect Range line, deposit marked limestone 12 ins. in ground for S.W. Cor of Claim, being also the N.W. Cor. of Wallace T.C. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked
H. B. M. on N.E. and
H. E. S. on S.E. face

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

The bearing of range line being N. 0°33' E. the departure for 20 chs. will be, practically 20 lks. making average length of claim 81.10 chs. — 157.52 ÷ 8.110 = 19.42 chs. Thence I run.
N. 0°33' E. on W. bdry of claim.
Over rolling valley land
3.08 Trail bears E. and W.
13.43 Trail bears E. and W.
15.52 Wire fence, bears E. and W.
18.00 Ascend gently
19.42 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
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
H. B. M. on S.E. face

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

E. on N. bdry.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	Over rolling ground on S. slope hills.
25.25	Descend from low ridge
35.50	Trail runs N. and S. at bottom descent, ascend gently
46.75	Top of ascent, thence over broken ground.
71.48	Wire fence runs N.E. and SW.
79.50	Descend gently
79.92	Corral fence, N. 20° W. and S. 20° E.
81.00	Set temp. Cor.

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

From S.E. Cor. run
N. on E. bdry. bet. Miller and Smith.
Over valley land

Chains	
4.60	Trail bears N.E. and SW.
5.70	Trail bears N. 70° E. and S. 70° W.
9.00	Ascend abrupt S. slope
11.00	Top. 40 ft. on E. face low bluffs, over low hills.
15.27	Wire fence bears N.W. and S.E.
18.50	Descend
19.10	Corral fence E. and W.
19.42	Temp. N.E. Cor. Drove iron rod 1 in x 14", mound and pits impracticable, - for N.E. Cor. of Claim Smiths house bears S. 40° 20' E.

S. gable of Smiths barn bears N. 50° 50' E.

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

Sec. 68

Survey T. 6 of William B. Wallace 15.7.69 acres in Secs. 31 owned by Herman E. Smith, from the N.W. Cor. established in Survey Miller claim I survey W. fractional part of claim for area it being 15.7.69 - 80 = 77.69 acres. the length of N. bdry being 61.20 - 20 = 41.20 chs. and the W. bdry bearing S. 0° 33' W. the departure being fractionally 20 chs. the average length will be 41.30 chs. - 77.69 ÷ 41.30 =

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	18.81 chs. The departure ~~with~~ of W. bdry will be 19 lks. from N.W. Cor. I run
	S. 0° 33' W. on W. bdry.
	Over low hills
11.05	1/4 Sec. Cor. bet. Secs. 31 and 36
18.81	Deposit marked limestone 12 ins. in 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. of 12 ins. in ground, marked
	H.E.S. on N.E. face

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

E. on S. bdry
In N. face low hills.

Chains	
8.70	Wire fence, bears N. 10° W. and S. 10° E.
24.00	Descend.
32.00	Enters rolling valley
41.39	Set temp. Cor.

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

From the N.E. Cor. heretofore described, I run.
S. on E. bdry
Ascend gentle N. slope.

Chains	
7.50	Low ridge, descend gently
11.00	Bottom descent. thence over valley land.
25.25	Trail bears N.W. and S.E.
33.60	Trail bears N.E. and SW.
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.
	In N. pit, drive an Oak stake 2 ft. long 2 ins.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	12 ins. in ground, marked H.E.S. on N.W. face Land level and rolling Soil sandy 2nd and 3rd rate Vegetation, meadow and sand grass.
	W. on S. bdry. Over rolling ground at foot of low hills.
5.90	Trail bears N.E. and S.W. — Enter valley land
10.00	Trail bears N. and S.
19.00	Ascend gentle N.E. slope
20.00	Deposit marked limestone 12 ins. in ground for S.W. Cor. E. 80 acres of claim. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base, 1½ ft. high over deposit In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked H.E.S. on N.E. face Land rolling Soil sandy 3rd rate. Vegetation, sand grass.
	N. on W. bdry S.E. 40 acres. Descend gently
1.00	Enter valley land.
21.19	Intersect the S. bdry of W. 80 acres at the temp S.E. Cor. deposit marked limestone for S.E. Cor. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base ½ ft. high over deposit In S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked H.E.S. on N.W. face Land level and rolling Soil sandy 2nd rate. Vegetation, short meadow grass.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	(Sec 70.)
	Survey F.C. of Aust. a. E. Craig 160 acres in Sec. 32 and 5-22-47 from the N.W. Cor. hereto fore described I run N. on W. bdry Over rolling ground
5.00	Ascend N. slope low hills.
10.00	Top of ascent 30 ft.
18.00	Descend
30.00	Bottom descent in rolling valley
37.00	Ascend N.E. slope low hills — at trail bearing N.W. and S.E.
43.00	E face low ridge
55.00	Ascend N.E. slope low hills.
57.00	Top of ascent on E. face low hills
60.00	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 A.E.C. on N.E. face Land level and rolling Soil sandy 2nd and 3rd rate Vegetation, sand grass.
	E. on S. bdry. Over low rolling hills —
15.15	Trail bears N.W. and S.E.
22.50	Trail bears N. 10° E. and S. 10° W.
30.00	Descend gently
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. In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked A.E.C. on N.W. face Land rolling Soil sandy 3rd rate Vegetation sand grass.

Claims Lines of T. 23 N. R. 47 W. Continued

Chains

N. on E. bdry
Over rolling ground in depression.
2.00 Ascend gentle W. slope
13.40 Top of ascent on low ridge, descend gently
20.00 Set temp. Cor. for N.E. Cor. of Lot 80 acres.
Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

From the original N.W. Cor. I run
E. on N. bdry bet. Craig and Smith
Over rolling valley land
15.85 Trail bears N. and W.
20.00 deposit marked limestone 12 ins. in ground for N.E. Cor. N. 80 acres, being also the N.W. Cor. H.E. Herman E. Smith dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A.E.C. on W. and
H.E.S. on S.E. face
Land, rolling valley
Soil sandy 2nd rate
Vegetation sand and meadow grass

S. on E. bdry bet. Craig and Smith
Over level valley
20.00 Ascend gently
38.00 Top of ascent on W. face low hills
40.00 deposit marked limestone 12 ins. in ground for S.E. Cor. N. 80 acres being the S.W. Cor. of Lot 80 acres H.E. Herman E. Smith dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A.E.C. on S.W. and
H.E.S. on N.E. face
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation coarse meadow & sand grass.

Claims Lines of T. 23 N. R. 47 W. Continued

Chains

E. on N. bdry S.E. 40 acres bet. Craig and Smith
Ascend gently over low hills.
8.75 Top of ascent on N. face low hills.
20.00 Intersect E. bdry S. 80 acres at temp. Cor. deposit marked limestone 12 ins. in ground for N.E. Cor. of Claim being also the S.E. Cor. of H.E. Herman E. Smith and the S.W. Cor. of H.E. Rose A. Smith owned by Herman E. Smith dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
A.E.C. on S.W. and
H.E.S. on N.W. and N.E. faces
Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

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69 Sec. 69

Survey H.E. Herman E. Smith 160 acres in Secs. 32.
From the S.W. Cor established in Survey of Craig I run
North on E. bdry bet. Smith and Smith
Ascend gentle W. face low ridge
200 Descend
15.00 Enter level valley —
49.00 Leave valley, thence over rolling ground.
58.00 Ascend low hills.
60.00 Set temp. N.E. Cor.
Land level and rolling
Soil sandy 2nd and 3rd rate
Vegetation coarse meadow & sand grass.

At a point N. 38 lks. from the N.E. Cor. of T.E. of Herold B. Miller being N. 20 lks. from the old Cor. of Secs. 29, 30, 31 and 32. I drive an iron mower lever 30 in. long for N.W. Cor. of Claim mound and pits impracticable, thence I run

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

E on N. bdry
Descend gently
1.94 Corral fence, thence over rolling ground
6.05 Wire fence runs N.W. and S.E. [illegible] 50 lks S.
11.45 Wire fence runs N. 100 W. from point 50 lks S.
12.40 Wire fence runs N. 70° E. and S. 70° W.
14.00 Trail along fence
16.30 Trail bears N and S. thence on S. face low hills.
20.00 Deposit marked ~~lid sand~~ stone 12 ins. in ground for S.W. Cor. of T.C. of Richards owned by Herman E. Smith 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
H. E. S. on N.E. face
38.00 Descend from S. face low ridge
40.00 Intersect E. bdry at temp. N.E. Cor. being also the N.W. Cor. of H.E. of Rose A. Smith. 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
H. E. S. on S.W. and S.E. faces

Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass
January 19. 1901

Sec. 71

Survey H.E. of Rose A. Smith 160 acres in Secs. 32 and 33 owned by Herman E. Smith The W. bdry being described in survey of Herman E. Smith
From the N.W. Cor. I run
E. on N. bdry, bet. Smith and Richards
Over low hills
6.00 Enter N.E. Cor. of rolling valley —
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. of Claim being also the S.E. Cor. Richards T.C. dig pits 18x18x12 ins. N and W. of Cor. 4 ft. dist

Claim Lines of T. 23 N. R. 47 W. Continued

Chains.

~~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
H. E. S. on S.W. and N.W. faces

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

S. on E. bdry
Over rolling valley land
40.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. N. 80 acres. 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
H. E. S. on N.W. face.

Land valley
Soil sandy 2nd rate
Vegetation, sand grass

E. on N. bdry S.E. 40 acres
Over valley land
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. 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 ground, marked.
H. E. S. on S.W. face

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

S. on E. bdry
Over rolling valley land —

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains
20.00 Set temp S.E. Cor.
Land rolling valley.
Soil sandy 2nd rate.
Vegetation, sand grass.

From S.W. Cor. established in Survey of Craig claim I run
E. on S. bdry.
Along N. face low hills
10.00 Descend gradual N.E. slope.
20.00 Enter S. edge rolling valley
40.00 Intersect E. 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 ground, marked
S.E.S. on N.W. face

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

Sec. 66.

Survey T.C. of Henry C. Richards, 160 acres in Secs. 27 and 32. owned by Herman E. Smith.
The S.W. the S.E. and the S. bdry being established in survey of H.E. Claim of Herman E. and Rose A. Smith
From the S.E. Cor. which bears S. 50° 46' W. 16.93 chs. dist from Cor. of Secs. 28, 29, 32 and 33. Latitude S. 9.28 chs. Departure W. 14.16 chs. dist I run
N. on E. bdry.
Over rolling ground at foot of low hills
24.40 Trail bears E. and W.
30.00 Ascend gently
35.00 Top of gentle ascent on E. face low ridge.
40.00 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 12 ft. long 2 ins. sq.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains
12 ins. in ground, marked
H.E.S. on S.W. face
Land rolling
Soil sandy 3rd rate
Vegetation, sand grass.

W. on N. bdry.
Ascend gently over S. face low hills.
17.50 S. face low ridge. descend gently
31.00 Bottom, descent Enter rolling valley
40.00 Set temp N.W. Cor
Land, rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

From the S.W. Cor heretofore described I run
N. on W. bdry.
Over low rolling hills.
10.00 Low ridge
12.90 Trail bears N.W. and S.E.
19.20 Trail N. 20° E. and S. 10° W., ascend
28.00 Top of ascent on E. face low hills.
29.00 Wire fence, runs N. 15° E. and S. 15° W. descend.
32.80 Wire fence runs N.W. and S.E.
33.40 Trail along fence enter rolling valley.
40.00 Intersect N. bdry at temp Cor. 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.
In E. pit drive an Oak stake 2 ft. long. 2 ins. sq. 12 ins in ground, marked
H.E.S. on S.E. face.
Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

Claim Lines of T. 23 N. R. 47 W. Continued

(Sec. 54)

Chains

Survey Pre of Herman E. Smith 154.21 acres in Sec. 19
The N.W. the S.W. Corners and the ~~the~~ W. bdry being
described in the Survey of W. bdry of T. 23 N. the
N. bdry which bears N. 2°21' E. 40.94 chs. Latitude
40.94 chs. Departure W. 1.67 chs. which triangular
shape strip of land will contain 40.94 x .835 = 3.42
Acres. 3.42 added to 154.21 = 157.63 Acres. which
divided by the length or latitude: 40.94 = 38.50+
chs. being the length of the S. bdry - the departure
of W. bdry being W. 1.67 chs. the N. bdry should be
38.50+ - 1.67 = 36.83+. therefore from S.W. Cor. I run
E. on S. bdry
Over level meadow land.
14.39 Trail bears N. 10° E. and S. 10° W.
18.50 Deposit marked limestone 12 ins. in ground for N.W.
Cor. of H.E. of Emma Baker. 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
E.B. on S.E. face.
35.14 Wire fence runs N. 10° W. from point 7 chs. S.
38.50 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 ground, marked
H.E.S. on N.W. face
Land level.
Soil sandy 2nd rate.
Vegetation meadow and sand grass.

N. on E. bdry
Over rolling valley
9.40 Trail bears N. 20° W.
34.00 Ascend S.W. slope.
38.00 Top on W. face low hills.
40.94 Set temp N.E. Cor.

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

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

From the N.W. Cor I run
East on N. bdry
Over level meadow land.
0.60 Trail bears N. 10° W. and S. 10° E.
21.90 Wire fence bears N. 10° W. and S. 10° E.
22.10 Trail along fence ~ + not 4
28.00 Ascend gentle S.W. slope
36.83 Intersect E. bdry at temp Cor. Deposit marked lime-
stone 12 ins in ground for N.E. Cor of Claim dig pits
18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a
mound of earth 3½ ft. base 1½ ft high over deposit.
In S. pit drive an Oak stake 2 ft long 2 ins. sq 12
ins. in ground, marked
H.E.S. on S.W. face
Land, level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation, meadow and sand grass

(Sec. 55)

Survey H.E. Claim of Emma Baker 60 acres in
Sec. 19, 20, 29 and 30. The N.W. Cor. established in survey
Pre of Smith, I run
S. on W. bdry.
Over level land.
7.00 Trail bears N. 10° W. and S. 10° E.
8.90 Wire fence, bears N. 70° E. and S. 70° W. thence
over rolling land.
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.
E.B. on N.E. face
Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation, meadow and sand grass

E. on S. bdry. W. 80 acres.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	Over rolling ground.
0.50	Trail bears N. and S. ascend gently
8.00	Top of ascent on low hills. descend gently over low hills.
34.00	Enter rolling land ~
40.00	Deposit marked limestone 2 ins. in ground for S.E. Cor. W. 80 acres of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked E.B. on N.W. face

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

	S. on W. bdry S.E. 40 acres
	Over rolling ground.
5.00	Ascend N.E. slope ridge.
17.00	Top of ascent 40 ft. on N.E. face hills.
20.00	In depression 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. E.B. on N.E. face

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

	E. on S. bdry
2.50	Descend N.E. slope hills.
4.50	Bottom descent in rolling valley.
16.31	Wire fence runs N.W. and S.E.
8.00	Trail, along fence.
20.00	Set temp Cor.

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

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	The W. 20 chs of the N. bdry being described in Survey of Tre of Smith from the S.E. Cor of Smith Tre & run E. on N. bdry
	Over rolling valley land
5.20	Trail bears N. 20° W. and S. 10° E.
11.00	Ascend low hills gently
15.93	Wire fence runs N. and S.
24.00	Top of ascent on low hills
38.00	Ridge, bears N.W. and S.E. descend gently.
40.00	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. E.B. on S.W. face
	This Cor. bears N. 19° E. 12.78 chs. dist from Cor. of Secs. 19, 20, 29 and 30. Latitude N. 12.08 chs. Departure E. 4.16 chs

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

	S. on E. bdry
	Ascend N.E. face low ridge
1.30	Top 10 ft. thence over low hills
19.50	Descend S. slope
26.00	Bottom descent in rolling valley
30.16	Wire fence runs N.W. and S.E.
40.00	Intersect S. bdry a 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 ground, marked E.B. on N.W. face

Land rolling
Soil sandy 3rd rate
Vegetation, sand grass
January 21. 1911.

Claim Lines of T. 23 N. R. 47 W. Continued

Sec. 65
(Sec. 65)

Chains

Survey E. of Nettie F. Hague 160 acres in Secs. 27, 28, and 34 owned by Alonzo Hague a stake in flat mound is shown me at the N. E. Cor. which Cor. bears S. 71°52' E. 24.81 chs dist from 1/4 Cor. bet Secs. 27 and 28. Latitude S. 7.72 chs. Departure E. 23.58 chs being E. 23.60 from Sec. line at this point from which run S. on E. bdry.

Over rolling ground at foot of hills ~ ascending

32.60 Top of gentle ascent on W. face low ridge, descend.

37.00 Enter rolling valley land.

40.00 Deposit ~~Iron maul 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 ground, marked

A. H. on N. W. face

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

W. on S. bdry

Over rolling valley land.

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

20.00 Deposit marked limestone 12 ins. in ground for SW Cor. S. E. 40 acres, dig pits 18x18x12 ins N. and E. of Cor. 4 ft. ~~bears 2 ft. high over deposit~~

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

A. H. on N. E. face

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

N. on W. bdry

Over rolling valley land.

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

20.00 Deposit marked limestone 12 ins. in ground for

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

S. E. Cor. W. 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 ground, marked.

A. H. on N. W. face

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

W. on S. bdry W. 80 acres

Over rolling valley land.

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

13.70 Trail runs N. 60° W. and S. 60° E. ascend gentle N. E. slope.

17.00 Top of ascent on N. face low hills.

30.00 Depression bears N. W. and S. E. ascend.

34.50 Low ridge

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

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

A. H. on N. E. face

Land rolling valley & low hills.
Soil sandy 3rd rate.
Vegetation sand grass.

N. on W. bdry.

Descend gently over low hills.

5.00 Bottom descent in W. neck of valley

7.75 Trail bears about E. and W. over rolling ground

20.00 Set temp. Cor.

Land rolling
Soil sandy 3rd rate.
Vegetation sand grass

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

From the original N.E. Cor. I run.
W. on N. bdry
Over rolling ground.
4..60 Trail bears N.W. and S.E.
59.00 Ascend gently
60.00 Intersect W. bdry at temp. Cor. 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.
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground marked.
A. H. on S.E. face -

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

Sec 6 Sec. 62

Survey H.E. of Ida Reg an 160 acres in Secs. 24 and 25 and Secs. 19 and 30 T. 23 N. R. 46 W. owned by Coote C. Mulloy at a point designated by Frank C. Mulloy as the N.W. Cor. of claim. I 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
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked
C.C.M. on S.E. face This Cor. bears N. 52° 32' W. 21.37 chs dist from Cor. of Secs, 19, 24, 25 and 30 Latitude N. 13 chs. Departure W. 16.96 chs thence I run
E. on N. bdry
Over rolling ground on N. edge valley
21.00 Ascend low hills
28.25 Top of ascent, thence over low hills, descend gently
40.00 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
C.C.M. on S.W. face

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

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains.

S. on E. bdry
Ascend gentle N.E. face hills.
9.50 Descend gently
14.00 Enter valley over rolling ground.
21.50 Dry bed Alkili Lake bears E. and W.
36.80 Leave lake bed, thence over rolling ground.
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
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

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

W. on S. bdry
Over rolling valley land.
10.55 Trail bears N.W. and S.E.
16.00 Ascend N.E. slope.
22.60 Top of ascent on N. face ridge thence over broken ground on N. face hills.
38.00 Wire fence runs N. and S.
40.00 Set temp. Cor.

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

From the N.W. Cor. I run
S. on W. bdry
Over rolling ground.
6.00 W. edge valley
18.20 Trail bears N.W. and S.E. ascend N.E. slope hills.
30.00 Top of ascent 80 ft. on E. face bluffs over broken ground
35.50 High ridge - descend.
37.70 Wire fence runs N. 60° W. from point 2 chs. S.E.
40.00 Intersect S. bdry at temp. Cor. Deposit marked

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

limestone 2 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.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
C.C.M. on S.E. face

Land rolling and broken
Soil sandy 3rd and 4th rate
Vegetation, sand grass.
January 22. 1901

(Sec. 37)

Survey H.E. Delea. A. Colvin 157.99 acres in Sec. 1 and Sec. 36 T. 24 N. owned by Charles E. Clough - from the old Cor flat mound with pits N. S. E. and W. Considered at at the time this claim was taken as the Cor of Tps. 23 and 24 N. R. 46 and 47 W. this Cor. is also claimed as the S.E. Cor of H.E. of Leon. H. Mosher. 80 acres in Sec. 1 and 36. and at the time of his filing this Cor. was considered the Cor of Secs. 1, 2, 35 and 36. on the N. bdry of T. 23 N. I survey claim for area as follows:- Lots 3 and 4 Sec. 6, 23-46 contains 79.47 Ac. and Lots 3 and 4 Sec. 31. 24. 46 Contained 78.52 acres. the fractional areas I consider are in the E. and W. measurement of original survey - I therefore consider the S. portion or lots 3 and 4 Sec. 6. to be 20 chs N. and S. and to contain 79.47 acres. the E. and W. measurement should be 79.47 ÷ 2 = 39.74 chs and lots 3 and 4 Sec. 31. being 40 chs N. and S. should be 78.52 ÷ 4 for its E. and W. measurement or 19.63 chs. from the old Cor. above described which bears S. 82°17' W. 15.71 chs. dist from ¼ Cor. bet. Secs. 1 and 36. Latitude S. 2.11 chs. Departure W. 15.57 chs. This Cor. being S. from Township Line 1.28 lks. I run S. on W. bdry of S. portion of claim.
Over meadow land —

3.75 Wire fence N. W. and S.E. ascend low hills gently.
6.00 Top of ascent 25 ft. thence over rolling ground.
20.00 Deposit marked limestone 12 ins. in ground for S.W. Cor. of Claim dig pits 18x18x12 ins N. and E. of Cor

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

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.E.C. on N.E. face

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

E. on S. bdry
Over low hills.

8.00 Descend gentle N.E. slope
21.40 Wire fence bears N. W. and S.E. enter valley
39.74 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 ground, marked.
C.E.C. on N.W. face

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

N. on E. bdry
Over level ground in W. edge alkili flat.

11.50 Leave Alkili thence over rolling valley —
12.20 Wire fence runs N. 80° E. and S. 80° W.
20.00 Deposit marked limestone 12 ins in ground for N.E. Cor. S. portion 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.
C.E.C. on S.W. face. The length of S. bdry being 39.74 chs and E. and W. measurment of N. bdry 19.63 chs the length of N. bdry of S.E. fractional part of claim should be 39.74 - 19.63 = 20.11 chs

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

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	W. on N. bdry S.E. part of claim.
	Over rolling ground
3.72	Wire fence bears N. 10° W. and S. 10° E.
15.00	Descend gently
20.11	Enter meadow. Deposit marked limestone 12 ins. in ground for S.E. Cor. of that part of claim known as Lots 3 and 4 Sec. 31 – 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 in Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
	C.E.C. on N.W. face –
	Land level and rolling.
	Soil, sandy and alkili, 3rd rate.
	Vegetation, sand grass.

	N. on E. bdry N. part of claim.
	Over level meadow land
22.60	Enter dry bed Alkili flat. N.W. and S.E.
25.60	Leave alkili flat ascend gently over rolling ground
33.70	Wire fence runs N.W. and S.E.
40.00	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. 1½ ins. in ground, marked.
	C.E.C. on S.W. face
	Land level and rolling
	Soil sandy and alkili 2nd and 3rd rate.
	Vegetation, sand and alkili grass.

	W. on N. bdry
	Descend gently over rolling ground.
5.02	Wire fence bears N.W. and S.E. Enter meadow.
19.03	Wire fence runs N.E. and S.W.
19.63	Set temp Cor. { Land level and rolling Soil sandy 2nd and 3rd rate. Vegetation, meadow and sand grass.

Subdivision of T. 23 N. R. 47 W. Continued

Chains	
	From the original Tp Cor. heretofore described I run N. bet. Colvin and Mosher claims.
	Over level meadow
39.67	Wire fence bears N.E. and S.W.
40.00	Intersect N. bdry at temp Cor. Deposit marked limestone 12 ins. in ground for N.W. Cor. of Claim being also the N.E. Cor. of Mosher H.E. dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In S. pit drive in Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
	C.E.C. on S.E. and S.W. faces.
	Land level
	Soil sandy 2nd rate.
	Vegetation, meadow grass.

(Sec. 38)
(Sec 38)

	Survey H.E. of Leon H. Mosher 80 acres in Secs 1 and 36 owned by Charles E. Clough. the S.E. the N.E. Corners and the E. bdry being described in Survey of Colvin Claim from the N.E. Cor I run
	W. on N. bdry
	Over rolling ground
4.00	Ascend S.E. slope of ridge – abruptly.
7.25	Top of ascent 75 ft. on ridge bearing N. and S. thence over broken ground and ridges on S. face hills
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.
	In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground – marked
	C.E.C. on S.E. face.
	Land rolling and broken
	Soil sandy 3rd and 4th rate.
	Vegetation, sand grass.

	S. on W. bdry
	On S. face hills.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
5.00	Descend S. slope hills
10.05	Wire fence bears N. 70° E. and S. 70° W. Enter meadow land.
28.30	Wire fence bears N. W. and S. E. ascend N. E. slope.
36.00	Top of ascent, over rolling N. face.
40.00	Set temp. S.W. Cor.

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

From original S.E. Cor. I run
W. on S. bdry
Over level land.

4.40	Wire fence, runs N.E. and S.W. ascend N.E. gradual slope.
11.50	Top of ascent 40 ft. thence over rolling ground
20.00	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 3 ft. long 2 ins. sq. 12 ins. in ground, marked C.E.C. on N.E. face

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

Sec. 34

Survey of T.E. of William A. Cook 160 acres in Sec. 3 and Sec. 34 T. 24 N. R. 47 W. owned by Kara Cattle Co. This claim the H.E. of Fred W. Harris the H.E. of Maggie Langan and the T.E. of Amron Blackburn, were surveyed from what is represented to me as the ¼ Sec. Cor. on S. bdry of Sec. 34 being a Red sandstone in the mound which Cor. is 2.09 S. of N. fence and W. 25.83 chs. from Cor. of Secs. 2, 3, 34 and 35.
From the old Cor. I run
E. on S. bdry E. 40 acres between Cook and Langan

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	Over level ground
10.62	Wire fence runs N. W. and S.E.
20.00	Deposit marked red sandstone 12 ins. in ground for S.E. Cor. of claim, being also the S.W. Cor. of the N. 80 acres of Fred W. Harris. H.E. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
	In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked K.C. Co. on N.W. face
	This Cor. bears S. 59° 04' W. 6.80 chs. dist from the Cor. of Secs. 2, 3, 34 and 35. Latitudes 3.00 chs. Departure W. 2.73 chs. Harris house bears N. 87° 20' E. about 4 chs.

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

N. on E. bdry bet. Cook and Harris
Over level valley land

20.00	Deposit marked red sandstone 12 ins. in ground for N.E. Cor. 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 ground, marked K.C. Co. on S.W. face

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

W. on N. bdry.
Over valley land

18.80	Wire fence runs N. and S.
40.00	Deposit marked red sandstone 12 ins. in ground for N.W. Cor. of E. 80 acres. 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

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
	in ground, marked K. C. Co on S.E. face Land level - Soil sandy - 2nd and 3rd rate Vegetation, sand and meadow grass.
	N. on E. bdry of N. 40 acres Over meadow land
11.80	Ranch trail bears E. and W.
12.38	Wire fence, bears N. 70° E. and S. 70° W. ascend low hills
20.00	Deposit marked red sandstone 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 K. C. Co on S.W. face Land level and rolling Soil sandy 2nd and 3rd rate Vegetation meadow and sand grass
	W. on N. bdry. Over low rolling hills.
9.00	Ascend gently
15.50	Top of ascent on N. face low ridge, descend
20.00	Set temp N.W. Cor. of Claim Land rolling Soil sandy 3rd rate Vegetation, sand grass.
	From the old ¼ Cor. on S. bdry Sec. 34 I run W. on S. bdry of claim bet. Cook and Langan Over level meadow
18.05	Wire fence runs N. W. and S.E.
18.30	Trail along fence
20.00	Set point for N. W. Cor. Maggie Langan H.E. Ascend N.E. slope

Claim Lines of T. 23 N. R. 47 W. Continued

Chains	
30.00	Top of ascent 80 ft. on N.E. face hills. descend over broken ground on N. face hills.
40.00	Deposit marked red sand stone 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 K. C. Co on N.E. face Land level and broken Soil sandy 2nd and 3rd rate. Vegetation, meadow & sand grass.
	N. on W. bdry Over broken ground on N. face hills.
10.00	Descend gradual N.E. slope.
17.15	Trail along fence
17.30	Wire fence runs N. W. and S.E. Enter level meadow
34.20	Trail along fence
34.67	Wire fence bears N. 60° W. and S. 60° E. ascend low hills
40.00	Intersect N. bdry. at temp Cor. 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 In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked K. C. Co on S.E. face Land, level, rolling and broken Soil sandy 2nd and 3rd rate Vegetation meadow and sand grass.
	(Sec. 39)
	Survey H.E. of Fred. W. Harris 160.11 acres in Secs 2 and 3 and Secs 34 and 35 T. 24 N. R. 47 W. part of the W. bdry and the S.W. Cor. of the N. 80 acres of this claim being described in survey Cook T.C. - the S. fractional portion of this claim contains 80.11 acres and its E. and W. measurment being 40 chs.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

the N. and S. measurement will be 80.11 ÷ 4 = 20.02 3/4 chs. therefore from the S.E. Cook T.C. & min.
S. on W. bdry S. 80 acres bet. Harris and Langan
Over meadow land.
5.39 Wire fence bears N. 70° W. and S. 70° E.
16.00 Leave meadow, over rolling ground.
20.03 Deposit marked limestone 12 ins. in ground for S.W. Cor. S. 80 acres being also the S.E. Cor. N. fractl 80 of Maggie Langan. H.E. dig pits 18 x 18 x 12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
F. W. H. on N.E. and.
M. L. Hrs. on N.W. face

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

E. on S. bdry bet. Harris and Langan
Over rolling valley land.
2.68 Wire fence runs N. and S.
20.00 Deposit marked red sandstone 12 ins. in ground for N.E. Cor. S. 80 acres of Langan Claim. dig pits 18 x 18 x 12 ins. Sand W. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base. 1/2 ft. high over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
M. G. Hrs. on S.W. face
29.91 Wire fence runs N.E. and S.W.
40.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. of Claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
F. W. H. on N.W. face. Land, rolling valley
Soil sandy and alkili 3rd rate.
Vegetation, sand and alkili grass.

Claim of Lines of T. 23 N. R. 47 W. Continued.

Chains

N. on E. ~~day~~ bdry.
Over rolling valley land
12.60 Trail bears N. 20° W. and S. 20° E.
20.03 Deposit marked limestone 12 ins in ground for N.E. Cor. S. fractional 80. dig pits 18 x 18 x 12 ins. S. 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 S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
F. W. H. on S.W. face

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

W. on N. bdry E. 40 acres
Over rolling alkili valley
4.06 Wire fence runs N. 15° W. and S. 15° E.
5.31 Trail bears N.W. and S.E.
12.00 Descend gently
14.00 Enter N.E. Cor. dry bed of alkili flat.
20.00 Deposit marked Red Sandstone 12 ins. in ground for S.E. Cor. N. 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 3 1/2 ft. base 1 1/2 ft. high over deposit.
In N. pit drive an Oak stake 3 ft. long 3 ins. sq. 24 ins. in ground, marked
F. W. H. on N.W. face

Land rolling alkili valley
Soil sandy 3rd rate.
Vegetation alkili ~~grass~~.

N. on E. bdry N. 80 acres
In Alkili ~~[illegible]~~
6.00 N. edge of basin, over rolling valley land
37.90 Trail N. 10° W. and S. 10° E.
40.00 Set temp N.E. Cor.

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

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

From the N.E. Cor of S. 80 acres of T.C. of Cook. I run N. on W. bdry of N 40 acres.
Over rolling alkili valley
9.00 Enter dry bed alkili flat.
20.00 Deposit marked ~~red sand~~ stone 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.
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground marked
F.W.H. on S.E. face

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

E on N. bdry
In dry bed alkili flat
11.00 Leave alkili basin ascend gently.
13.00 Top of slight ~~raise~~ thence over rolling ground.
19.05 Trail bears N.W. and S.E.
20.00 Intersect E. bdry at temp Cor deposit marked ~~red sand~~ stone 12 ins. in ground for N.E. Cor of Claim dig pits 18x18x12 ins S. and W. of Cor 4 ft. dist and raise a mound of earth 3½ ft base 1½ ft. high over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked.
F.W.H. on S.W. face

Land, rolling alkili valley
Soil sandy 3rd rate
Vegetation, alkili grass.
January 23. 1901

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40 Sec. 40

Survey H.E. of Maggie Lang an 159.84 acres in Secs 2 and 3 owned by her Heirs. The N. bdry of N 80 acres being described in field notes of survey of Cook. T.C. the N. bdry of S. 80 acres and the N.E. Cor being described in field notes of the survey of H.E. of Fred. W. Harris. I consider the N. part of the

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

Claim as the fractional part containing 79.84 acres the E. bdry of N. fract. part being the W. bdry of the Fred W. Harris H.E. the measurment of which is 20.02 ¾ ch. I make the W. bdry the same as E. bdry viz. 20.02 ¾ the measurment from E. to W will therefore be 79.84 ÷ 2.0275 = 39.86 ch. Therefore at a point 14 lks. E. of the temp N.W. Cor. which I establish on the S. bdry of the Cook T.C. I ~~deposit marked~~ red sand stone 12 ins. in ground for N.W. Cor of N. fract. 80 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
M.L. Hrs. on S.E. face. thence I run
S. on W. bdry
Ascend N.E. slope hills
11.85 Wire fence bears N. 65° W. and S. 65° E.
12.00 Top of ascent 125 ft. on ridge N.W. and S.E. thence over very broken ground
20.03 Deposit marked ~~red sand~~ stone 12 ins. in ground for S.W. 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 ground, marked
H.L. Hrs.

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

E. on S. bdry. 6
Over very broken ground.
9.50 Descend abrupt E. slope
16.45 Trail bears N.W. and S.E. thence over rolling valley
17.73 Wire fence runs N.W. and S.E.
19.86 Deposit marked ~~red sand~~ stone 12 ins in ground for N.W. Cor. of S. 80 acres dig pits 18x18x12 ins. S. and W. of Cor 4 ft. dist and raise a mound of earth 3½

Chains	
	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.
	M.L. Brs. on S.E. face
	Land rolling and broken
	Soil sandy 3rd and 4th rate
	Vegetation, sand grass.
	S. on N. bdry 80 acres
	Over rolling ground.
1.16	Wire fence runs N.N. and S.E.
7.00	Trail bears N. 30° W. and S 30° E. thence over low rolling hills, ascending.
12.75	Top of gentle ascent.
20.00	Deposit marked red sandstone 12 ins. in ground for N.W. 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 ground, marked
	M.L. Brs.
	Land rolling
	Soil sandy 3rd rate.
	Vegetation, sand grass.
	E. on S. bdry
	Over low rolling hills.
16.00	Low ridge
20.00	Deposit marked red sand stone 12 ins. in ground for N.E. Cor. of Amron Blackburn T.C. owned by George G. Bell. 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
	G.G.B. on S.W. face
40.00	Set temp. S.E. Cor. 80 acres. } Land, rolling hills Soil sandy 3rd rate Vegetation, sand-grass

Chains	
	from the N.E. Cor. of 80 acres established in survey H.E. of F. N. Harris. 4 ins
	S. on E. bdry
	Over rolling ground
1.12	Wire fence runs E. and W.
8.00	Ascend gently
12.00	Top thence over rolling ground.
20.00	Intersect S. bdry at temp. Cor. deposit marked red sand stone 12 ins. 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.L. Brs.
	Land rolling
	Soil sandy 2nd and 3rd rate
	Vegetation, sand grass.

Sec. 42.

Survey T. C. of Amron Blackburn 160 acres in Secs. 3 and 10. owned by George G. Bell. The S½ of N. bdry and the N.E. Cor. being described in field notes of the Survey of Langan H.E. from N.E. Cor. 4 ins S. on E. bdry

Descend rolling hills gently.

10.62	Wire fence runs N.W. and S.E.
15.00	Bottom descent in valley land.
18.60	Trail bears N.W. and S.E.
4.00	Deposit marked red sand stone 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 ground, marked
	G.G.B. on N.W. face This Cor. bears S. 29°44' W. 1074 lks from Cor. of Secs. 2, 3, 10 and in Latitude S. 9.52 chs Departure W. 2.34
	Land level and rolling
	Soil sandy and alkali 3rd rate
	Vegetation, sand and alkali grass

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

W on S. bdry
Over rolling ground on S. edge valley
25.00 Ascend gentle N. E. slope.
40.00 Deposit marked red sand stone 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
G.G.B. on N.E. face

Land rolling
Soil sandy 3rd rate
Vegetation sand grass

N. on W. bdry
Descend gradual N. slope
15.00 Bottom descent over valley land.
23.00 Point 7 chs E. of sod house.
26.10 Trail bears E. and W.
30.11 Wire fence bears E. and W.
31.50 Ascend S. slope ridge
36.50 Top of ascent 60 ft. on ridge bears N.W. and S.E. descend N.E. face ridge
40.00 Set temp Cor.

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

From the S.W. Cor. of Maggie Langan H.E. I run W. on N. bdry of W. ½ of N. bdry.
Over low hills.
8.90 Trail bears N. and S.
9.75 Ascend S.E. slope ridge
14.50 Top of ascent, thence over broken ground on S face hills
20.00 Intersect W. bdry at temp Cor. Deposit marked red sand stone 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.

Claim Lines of T. 23 N. R. 47 W. Continued

Chain

(Sec 45)

Survey T.C. of John W. Legg. 158.11 acres in Secs. 4 and 5 owned by Kara Cattle Co. the old Cor. of Secs. 4, 5, 32 and 33. is shown me as the N.E. Cor. of Claim - which Cor. was N. 89°57' E. 11.53 chs. dist from the Cor. of Secs. 4, 5, 32 and 33. and 1.14 chs S. of the N. bdry of Tp. by permission of Mr. J. R. Phelan owner of the Kara Cattle Co. property - I move this Cor. N. 1.14 chs. to a point on the N. bdry of Tp. 11.53 chs dist from the Cor. of Secs. 4, 5, 32 and 33. I do this to avoid fractional areas between claim and town line the N. bdry of claim is 60 chs. and ~~bearing is~~ bearing of the town line S. 86°57' W. I survey claims for area as follows:- the departure of N. bdry in 60 chs. will be 3.20 chs. in order to make the S. bdry an E. and W. line the E. bdry will be 3.20 chs longer than W. bdry. The E. bdry of the claim according to the original plats will be 19.67 chs. from the N.E. Cor. which is a red sand stone 4x8x16 ins. deposited 12 ins. in ground with pits 18x18x12 ins. S. and E. 4 ft. dist and 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
K.C. Co on S.W. and S.E. faces - The above Cor. also being the N.W. Cor. of H.E. of Caroline G. Mulloy owned by Kara Cattle Co. thence I run South bet. Legg and Mulloy Claims
Over low hills descending gently
9.00 Enter level valley land.
19.67 Deposit marked limestone 12 ins. in ground for S.E. Cor. of Claim and S.W. Cor. Mulloy 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
K.C. Co on N.E. and N.W. faces.

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

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

W. on S. bdry of N.E. fractional Lot
Over rolling valley land.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. of 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 S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
K.C. Co. on S.W. face
Land level and rolling
Soil sandy 2nd and 3rd rate.
Vegetation, sand grass.

S. on E. bdry of S. 40.
Over rolling ground
12.00 Ascend N. slope gradually
16.50 Low ridge, descend gently.
20.00 Deposit marked limestone 12 ins. in ground for S.E. Cor. dig pits 18x18x12 ins. N. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
K.C. Co. on N.W. face
Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

By length of E. bdry being 19.67 and W. bdry. 16.47 chs. and its length from E. to W. 60 chs. the area of the N. part of claim will be 19.67+16.47=36.14÷2=18.07 chs. average or mean width=18.07×6.0=108.42 acres. 158.11 − 108.42 = 49.69 acres which amount to survey into the S. 40 or portion, the length or measurement of which from N. to S. being 20 chs. its length from E. to W. will be 49.69÷2=24.85 chs therefore from S.E. Cor of S. portion of claim 7 ins.

agree with original notes

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

W. on S. bdry
Over rolling ground on N. face hills.
14.00 Ascend N.E. slope ridge
24.00 Top of N. face hills.
24.85 Deposit marked limestone 12 ins. in ground for S.W. Cor. S. part of claim dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
K.C. Co. on N.E. face
Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.

N. on W. bdry S. portion of claim
Descend N.E. slope gradually
11.48 Wire fence runs N.W. and S.E. enter meadow land.
20.00 Deposit marked limestone 12 ins. in ground for N.W. Cor. of S. portion 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 N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
K.C. Co. on S.E. face
Land level and rolling.
Soil sandy 2nd and 3rd rate
Vegetation meadow grass and grass.

W. on S. bdry of W. fractl lot.
Over level meadow.
14.73 Wire fence runs N.W. and S.E.
15.15 Deposit marked limestone 12 in. in ground for S.W. Cor. of claim, dig pits 18x18x12 in. N. 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 in. sq. 12 in. in ground, marked

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains.	
	K. C. cor. on N. E. face. Land level. Soil sandy 2nd rate. Vegetation, meadow grass.
	N. on W. bdry. Over level land.
0.20	Wire fence runs N. W. and S. E.
5.01	Wire fence runs N. 10° E. and S. 80° W. ascend S. slope hills over broken ground.
14.75	Top of ascent 60 ft. on crest of ridge N. and S.
16.57	Intersect Tp. line at a point S. 86° 57' W. 8.46 chs. dist from 1/4 Cor. on N. bdry Sec. 5. deposit marked limestone 12 ins in ground for closing Cor. on N. bdry of claim. dig pits 18x18x12 ins. S. and E. of cor. 4 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked C. L. on S. P. L. on W. and K. C. cor on E. faces. Land level and broken. Soil sandy 2nd and 4th rate. Vegetation, sand grass.

Orig. on file in Lat. Surv. 16.47

Well, plat Surv. 16.47 agree with original notes, and since there is patent ambiguity, the plat has not been changed.

Letter dated from commr of Pub Lands and Buildings 1 Feb. 17, 1904 (E 220108-1904) and has thereto

SEC. 44

Survey H. E. of Caroline G. Mulloy 158.38 acres in Sec. 4 owned by Kara Cattle Co. the N. W. Cor. and the N. bdry. being described in the field notes of the survey of John N. Legg claim - the middle point on the N. bdry of the E. 80 acres or lots 2 and 3 of the original survey is a mound with pits E. and N. said by the owner of this claim to be the old 1/4 Cor. which Corner was located by a local surveyor, this Cor. is also the middle point on S. bdry of S. 80 acres of the Eliza Langan H. E. which old Cor. is S. 1.57 chs. from N. bdry of Tp. and E. 13 chs. dist from 1/4 Sec. Cor. bet. Secs. 4 and 33

Claim Lines of T. 23 N. R. 47. W. Continued.

Chains	
	The bearing of N. bdry of Tp. being N. 86° 57' E. the departure for 41.47 chs. that being the distance E. which this 1/4 Cor. is from the N. W. Cor. of Mulloy claim or N. E. Cor. of Legg claim will be 2.18 chs. In order to locate the S. E. Cor. of this claim or S. E. Cor. of Lot. 2. at a point directly E. of the S. W. Cor. or S. E. Cor. of the Legg T. C. the E. bdry will be 19.677 + (2.18 − 1.37) = 20.28 In order to avoid fractional areas bet. Claim and Township line. Trace the N. bdry of Tp. for the N. bdry of claim from the N. W. Cor. of Claim to the point of intersection of the Townline and the N. bdry of the S. 80 acres of Eliza Langan H. E. In order to locate this point of intersection I run N. from old 1/4 Cor. on N. bdry Sec. 4 between claims of Mulloy and Langan. Over rolling land.
1.90	Trail bears N. and S.
7.00	Ascend E. slope ridge.
9.55	Top 40 ft. thence over broken ground on S. face hill.
15.80	Trail bears N. and S.
20.00	Deposit marked limestone 12 ins. in ground for N. Cor. of Lot. 3 of claim being also the S. W. Cor. of S. 80 acres of Eliza Langan H. E. dig pits 18x18x12 ins. N. and E. of Cor. 4 ft. dist and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked K. C. cor on S. E. and C. L. on N. E. face. Land rolling and broken. Soil sandy 3rd and 3rd rate. Vegetation, sand grass.
	N. bet. Langan and Mulloy.
0.52	Intersect the N. bdry of Tp. at a point N. 86° 57' E. 21.47 chs. dist from the N. W. Cor. of claim - deposit marked limestone 12 ins in ground for N. E. Cor. of N. fractional portion of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft dist and raise a

Claim Lines of T. 23 N. R. 47 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 ground, marked.
K.C. ev on S.W. face.

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

From the old ¼ Sec. Cor. on N. bdry of claim heretofore described, I run
E. on N. bdry E. ½ of E. 80 acres of claim bet.
Mulloy and Langan Claims.
Ascend gentle W. slope.

20.00 On S. face low ridge, deposit marked limestone 12 ins. in ground for N.E. Cor. of Claim being also the S.E. Cor. of Eliza Langan N.E. dig pits 18 x 18 x 12 ins
Sand 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.
K.C. ev on S.W. and
E.L. on N.W. face

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

To establish the S.E. Cor. of N. part of claim at a point E. of the S.W. Cor. of claim - I calculate the measurement of E. bdry as follows:- Length of W. bdry 19.67 chs.
Departure of N. bdry at Tp. for 21.47 chs = 1.13 chs
19.67 + 1.13 = 20.80 chs = the departure of the N.E. Cor. of W. fractional portion of claim from S.W. Cor thereof and the N.E. Cor. of W. fractional portion being 52 lks. N. of the N.W. Cor. of the N.E. fractional portion the E. bdry will be 20.80 - .52 = 20.28 chs. therefore I run
S. on E. bdry of claim
Over broken hills

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

20.00 Ridge. descend gently on S. face hills.
20.28 Deposit marked limestone 12 ins. in ground for S.E. Cor. of Claim. dig pits 18 x 18 x 12 ins. N. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit
In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
K.C. ev on N.W. face

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

W. on S. bdry. N.E. fractional portion
Over rolling ground.

9.00 Descend S.W. gradual slope
17.00 Bottom descent in rolling valley
19.17 Trail bears N. 15° W. and S. 15° E.
19.60 Trail bears N.W. and S.E.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. of S. portion 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 ground, marked.
K.C. ev on S.W. face

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

The N. portion of claim contains 124.46 acres. and the area of claim being 158.38 acres the S. portion should contain 158.38 - 124.46 = 33.92 acres. I make the N.W. Cor. of the S. portion of claim at a point E. 20 chs dist from the S.W. Cor. of claim which will make the E. and W. distance of S. portion of claim 21.47 chs the measurement of E. and W. will therefore be 33.92 ÷ 2.147 = 15.80 chs. therefore I run
S. on E. bdry of S. portion of claim

Claim Lines Tp. 23 N. R. 47 W. Continued.

Chains

Over rolling valley land.
12.35 Trail bears N. 65° W. and S. 65° E. ascend N. E. slope
15.80 Set temp. Cor.

Land rolling
Soil sandy 2nd and 3rd rate.
Vegetation, sand grass.
January 24 1901.

From the S.W. Cor. of claim being also the S.E. Cor. of the John. H. Legg. T.C. I run
E. on S. bdry N. fractional portion
Over rolling valley land
20.00 Deposit marked limestone 12 ins in ground for N.W. Cor. of S portion 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
On S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
H.C. on S.E. face

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

S. on N. bdry. S portion
Over level land.
2.00 Ascend gentle N.W. slope
15.80 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
On N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
H.C. on N.E. face

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

Claim Lines Tp. 23 N. R. 47 W. Continued.

Chains

East on S. bdry
Ascend gentle N.E. slope
4.00 Top of ascent on N. ~~slope~~ hills.
12.00 Descend N.E. slope gradually.
21.47 Intersect E. 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
On N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
H.C. on N.W. face

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

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43 SEC. 43

Survey of N.E. of Eliza Lang an 160 acres in Sec. 4 and S. 33 T. 24 N. The S.W. and the S.E. Corners and the S bdry of 80 acres. being described in field notes of survey of Caroline G. Mulloy from the S.E. Cor. I run
N. on E. bdry 80 acres
Over broken ground on low hills
5.30 Descend N. slope
17.00 Bottom descent, thence over rolling ground.
20.00 Deposit marked limestone 12 ins. in ground for N.E. Cor. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base. 1½ ft. high over deposit
On S. pit drive an Oak stake 2 ft. ~~long~~ 2 ins. sq. 12 ins. in ground marked
E.L. on S.W. face

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

W. on N. bdry 80 acres.
Over rolling ground in S. edge of valley
1.00 Low ridge

Claim Lines of T. 23 N., R. 47 W. Continued

Chains	
20.00	Deposit marked limestone 12 ins. in ground for S.E. Cor. of N. 80 acres of claim dig pits 18x18x12 ins. N and E of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit drive an Oak stake 2 ft. long 2 ins. sq 12 ins. in ground, marked E.L. on N.W. face
	Land rolling Soil sandy 3rd rate. Vegetation, sand grass.
	N. on E. bdry. N. 80 acres Over rolling valley
6.18	Trail along fence
6.56	Wire fence runs E. and N. Enter meadow land
20.00	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. In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked. E.L. on S.W. face
	Land level and rolling Soil sandy 2nd and 3rd rate. Vegetation, meadow and sand grass
	W. on N. bdry Over level meadow land
17.93	Wire fence runs N.W. and S.E.
18.35	Trail along fence ascend gently along N.E. slope
24.00	Top of ascent, on low hills.
24.00	Descend gently over low hills
40.00	Set temp. N.W. Cor.
	Land level and rolling Soil sandy 2nd and 3rd rate. Vegetation, meadow and sand grass

Claim Lines of T. 23 N., R. 47 W. Continued

Chains	
	From the S.W. Cor. of S. 80 acres heretofore described I run N. on W. bdry Ascend over broken ground.
1.25	Ridge runs E. and W. thence over broken ground on low hills.
8.25	Trail bears N.W. and S.E.
20.00	Deposit marked limestone 12 ins. in ground 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 ground, marked E.L. on S.E. face.
	Land broken Soil sandy 4th rate. Vegetation, sand grass.
	N. on S. bdry N. 40 acres of N. 80. Over rolling ground on top low hills
12.80	Trail bears N.W. and S.E.
20.00	Deposit marked limestone 12 ins. in ground for S.W. Cor. N. 80 acres dig pits 18x18x12 ins. N and E of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit. In N. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked. E.L. on N.E. face
	Land, rolling hills Soil sandy 3rd rate. Vegetation, sand grass.
	N. on W. bdry N. 80 acres. Over rolling ground on low hills
3.00	Descend gently N.W. slope.
19.00	Bottom descent, at trail bearing N.W. and S.E.
20.00	Intersect N. bdry at temp. N.W. Cor. deposit marked limestone 12 ins. in ground for N.W. Cor.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains

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.
E. L. on S.E. face - House bears S. 57° 20' E. 7 chs. about.
Land rolling
Soil sandy 3rd rate
Vegetation, sand grass.

Sec. 46.

46 Survey T. C. of Charles P. Liddle 156.58 acres in Secs. 5 and 6. owned by John R. Phelan. The S.W. Cor. of Sec. 6. is claimed by Mr. Phelan as the S.W. Cor. to avoid fractional areas along the S. bdry of Sec. 6. I use, by his permission the S. line of Secs 5 and 6. as the S. bdry of claim and make the N. bdry a E. and W. line. The bearing of the range line being N. 0° 28' E. the departure for 20 chs will be 16 lks. The bearing of S. bdry in Sec. 6 is N. 89° 30' E. and in Sec. 5. S. 89° 42' W. the latitude of S. bdry will be 20 lks N. the W. bdry should therefore be 30 lks longer than the E. bdry and the N. bdry should be 16 lks shorter than the S. bdry. the average or mean width of claims being 20 chs. and the claim containing 156.58 acres. the average length will be 156.58 ÷ 2 = 78.29 chs. The N. bdry being 16 lks shorter than S. bdry it will therefore be 78.29 - 8 = 78.21 chs. the W. bdry being 30 lks. longer than E. bdry it will therefore be 20.00 + 15 = 20.15 chs. from the S.W. Cor. of Sec. 6. I therefore run N. 0° 28' E. on W. bdry of claim
Over rolling valley land in old fire gaurd
20.15 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.
In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
J. P. R. on S.E. face
Land rolling.
Soil sandy 3rd rate
Vegetation, sand grass.

Claim Lines of T. 23 N. R. 47 W. Continued

Chains

E. along N. bdry.
Over rolling ground.
0.50 Wire fence runs N. and S.
0.00 Ascend gentle S.W. slope.
32.00 Top of ascent on N. slope hills
36.00 Descend S.E. gentle slope
43.00 Bottom of descent in N. edge rolling valley.
57.00 Ascend gentle S.W. slope.
78.21 Set temp N.E. Cor.
Land rolling.
Soil sandy 3rd rate
Vegetation, sand grass.

The length of S. bdry Sec. 6. being 71.70 chs. and the length of S. bdry of claim being 78.37 chs. the S.E. Cor. will be on S. bdry of Sec. 5. at a point 6.67 chs. E. of the Cor. of Secs 5, 6, 7 and 8. from the Cor. above described I run
N. 89° 42' E. on S. bdry of claim.
Over rolling valley land.
6.67 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 ground marked.
J. R. P. on N. W. face
Land level.
Soil sandy 2nd rate
Vegetation, sand grass.

N. on E. bdry.
Over valley land.
8.00 Ascend gently.
19.85 Intersect N. bdry at temp Cor. 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

Claim Lewis of T. 23 N. R. 47 W. Continued

Chains

deposit
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
E. R. P. on SW. face

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

47

Sec. 47

Survey N. E. of Rhoda L. Downie 106.42 acres in Sec. 7 and Sec. 12. R. 48 W. of which I survey 116.42 acres in Sec. 7 owned by her Hrs. - At a line fence designated by Wm Bignell at the N. bdry of the claim and on the range line bet. R. 47 and 48 W. I deposit marked limestone 12 ins. in ground for the N. W. Cor. of that part of the Claim in Sec. 7. 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 ground, marked.
Hrs. R. L. D. on S. E. face. The N. bdry being the range line bet. R. 47 and 48 and the bearing being N. 0° 28' E. the departure for 20 chs. will be 16 chs. the N. bdry of the N. fractional 40 acres will therefore be 16 chs. shorter than the S. bdry - the area of N. fractional 40 being 36.42 acres - and the N. bdry being 20 chs. the average or mean width will be 36.42 ÷ 2 = 18.21 chs. the N. bdry will therefore be 18.21 - 8 = 10.13 chs. and the S. bdry will be 18.21 + 8 = 18.29 chs. from the N. W. Cor. I run E. on N. bdry

16 chs

Over rolling ground.

6.45 Trail bears N. W. and S. E. around gently
7.78 Wire fence N. W. and S. E.
34.00 Low ridge N. and S. descend two low hills.
38.13 Set temp N. E. Cor. of claim.

Land rolling
Soil sandy 3rd rate
Vegetation, sand grass

Claim Claimer of T. 23 N. R. 47 W. Continued

Chains

From the N. W. Cor. I run
S. 0° 28' W. on W. bdry of Tp.
16.56 1/4 Sec. Cor on W. bdry Sec. 7.
20.00 Deposit marked limestone 12 ins. in ground for 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
Hrs. R. L. D. on N. E. face

Land rolling
Soil sandy 3rd rate
Vegetation, sand grass

E. on S. bdry. W. fractional 40
Descend N. E. slope gradually.
18.29 Deposit marked limestone 12 ins. in ground for N. W. Cor. S. 40 acres of claim, dig pits 18 x 18 x 12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
Hrs. R. L. D. on S. E. face

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

On W. bdry of S. 40 acres.
Over rolling ground.
8.00 Ascend N. E. gentle slope
13.75 Wire fence runs N. W. and S. E.
20.00 Deposit marked limestone 12 ins. in ground for SW. Cor. S. 40 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 ground, marked.
Hrs. R. L. D. on N. E. face

Land rolling
Soil sandy 3rd rate
Vegetation sand grass

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
	E. on S. bdry E. 80 acres.
	Over rolling N. face hills
8.90	Wire fence runs N. W. and S. E.
16.00	Descend N. E. slope.
20.00	Deposit marked limestone 12 ins. in ground for S. E. Cor. of claim being also the S. W. Cor. Alice Bignell formally Alice Badgley. 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.
	Hs. R. L. S. on N. W. and
	A. B. on N. E. faces

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

Chains	
	N. on E. bdry bet. Downie and Badgley claims
	Descend gentle N. E. slope
7.00	Enter rolling valley
10.00	Trail bears N. W. and S. E.
28.73	Corse-yard fence runs E. and W. ascend gently.
30.20	Point 4 chs N. of house
31.49	Wire fence bears N. 10° E. and S. 10° W. and of. Thence over low hill
40.00	Intersect N. bdry at brass Cor. deposit marked limestone 12 ins. in ground for N. E. Cor. of claim and N. W. Cor. of H. E. of Alice Badgley. 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.
	Hs. R. L. S. on S. W. and
	A. B. on S. E. face

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

Claim Lines of T. 23 N. R. 47 W. Continued

Sec. 48.

Chains	
	Survey H. E. of Alice Badgley 160 acres in Secs. 7 and 8. now Alice Bignell - from the N. W. Cor. established in Survey Rhoda L. Downie
	I run
	E. on N. bdry
	Over rolling ground.
8.00	Neck of valley N. and S.
14.00	Dry bed alkali flat.
18.50	Leave alkali flat ascend S. W. gentle slope.
21.50	Trail bears N. W. and S. E.
25.87	Wire fence runs N. and S. at top of ascent.
36.00	Descend gently
40.00	Set temp. N. W. Cor.

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

Chains	
	From the S. W. Cor. heretofore described, I run
	E. on S. bdry.
	Descend gentle N. E. slope
3.00	Trail bears N. W. and S. E.
8.00	Bottom descent - thence over rolling ground
15.04	Wire fence bears N. 30° E. and S. 30° W.
31.30	Descend gently over rolling ground
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.
	In N. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground. marked.
	A. B. on N. W. face

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

Chains	
	N. on E. bdry
	Over rolling land.
6.32	Trail bears N. W. and S. E.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
8.50	Low ridge N.W. and S.E.
15.70	Trail bears E. and W.
28.50	Trail bears N.W. and S.E.
40.00	Intersect N. bdry at temp Cor. deposit marked lime-stone 12 ins. in ground for N.E. Cor. of Claim. dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high over deposit In S. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked. A.B. on S.W. face. This Cor. bears N. 21° 15' E. 17.50 chs. dist from ¼ Cor. bet. Secs 7 and 8. Latitude N. 16.31 chs. Departure E. 6.33 chs.

Land rolling
Soil sandy 3rd rate.
Vegetation, sand grass.
January. 25. 1901.

Sec. 61

Survey H.E. of Charles F. Odell 156.41 acres in Sec. 24 - The N.W. Cor. and the N.E. Cor. of the N.W. fractional portion being established and described in field notes of the H.E. of Florence McCarthy the N.W. fractional portion containing 36.41 acres. the N. bdry being 18.35½ chs the measurement of the W. bdry will be 36.41 ÷ 18.35 = 19.84 chs.

agrees with original field notes

Therefore from the N.W. Cor. being the old (claimed) original Cor. of Secs. 13, 18, 19, and 24. I run
S. on W. bdry
Over valley land.

3.00	Trail bears N.W. and S.E. ascend gentle N.E. slope.
6.50	Top thence over rolling hills
19.84	Deposit marked red sand stone 12 ins. in ground for S.W. 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 ground, marked C.F.O. on N.E. face.

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

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
	E. on S. bdry
	Over low rolling hills.
14.00	Descend gentle N.E. slope
(19.35½)	Set temp. Cor.

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

18.35½ agrees with original field notes. Patent ambiguity hence plat not changed su from commr of Pub. Lands and Buildings Dec 17, 1904 (E 220108-1904) and Ans thereto

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From the N.E. Cor. of the N.W. fractional portion being the S.E. Cor. of H.E. of Francis McCarthy and the S.W. Cor. of N. 80 acres of H.E. Alonzo Woodside owned by Frank C. Mulloy - I run.
E. bet Odell and Woodside claim.

1.70	Wire fence runs N. and S.
6.00	Enter dry bed alkali lake.
20.00	Deposit marked red sand stone 12 ins. in ground for N.E. Cor. being also N.W. Cor. of S. 80 acres. Woodside claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base ½ ft. high over deposit. In S. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked C.F.O. on S.W. face and. F.C.M. on S.E. face

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

S. on E. bdry.
In dry bed alkali Lake.

25.00	Level lake bed, thence over rolling ground.
39.00	Ascend gentle N. slope
40.00	Deposit marked red sand stone 12 ins. in ground for S.W. Cor. of S. 80 acres of Woodside 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.

Claim Lines of T. 23 N. R. 47 W. continued.

Chains	
	F. C. M. on N. E. face.
42.00	Top of ascent, thence over low hills
60.00	Deposit marked red sand stone 12 ins. in ground for S. E. 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. F. O. on N. W. face.
	Land level and rolling
	Soil sandy and alkili 3rd rate.
	Vegetation, sand and alkili grass.

	W. on S. bdry
	Over low hills.
6.22	Trail bears N. and S.
8.61	Wire fence runs N. 10° W. and S. 10° E.
16.25	Low ridge runs N. and S. descend.
20.00	Deposit marked red sand stone 12 ins. in ground for S.W. 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 ground, marked.
	C. F. O. on N. E. face.
	Land rolling
	Soil sandy 3rd rate
	Vegetation, sand grass.

	N. on W. bdry S. 80 acres.
	Ascend over low hills
9.40	Ridge runs E and W. descend.
15.00	Bottom descent over low hills
15.38	Wire fence runs N. 80° W. and S. 80° E.
27.00	Ascend gently.
38.00	Top on low ridge, descend gently.
40.76	Intersect S. bdry of N. W. fractional portion at the
	Temp. Cor. dig pits 18x18x12 ins. S. and W. of Cor

Claim Lines of T. 23 N. R. 47 W. continued

Chains	
	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. F. O. on S. E. face
	Land rolling hills.
	Soil sandy 3rd rate
	Vegetation, sand grass.

52 Sec. 52

Survey H. E. of Alonzo Woodside 160 acres in Secs. 13 and 24 and secs. 18 and 19 R. 46 is owned by Frank C. Mulloy. The N. W. Cor. and S.W. Cor. of N. 80 acres—the N. W. Cor. and S.W. Cor. of S. 80 acres the W. bdry and the S. bdry N. W. 40 acres were described in the Survey H. E. Charles of Florence McCarthy and Charles F. Odell. From the S.W. Cor. of S. 80 acres run E. on S. bdry.

	Over rolling N. face low hills.
19.00	Ridge bears N. and S. descend.
20.00	Deposit marked red sand stone 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 ground, marked
	F. C. M. on N. W. face
	Land, rolling hills.
	Soil sandy 3rd rate.
	Vegetation, sand grass.

	N. on E. bdry
	Descend N. E. slope
4.50	Trail bears N. W. and S. E. thence over rolling valley
10.00	Enter dry bed alkili lake.
45.00	Leave lake bed over valley land.
60.00	Set temp N. E. Cor.
	Land level and rolling.
	Soil sandy and alkili 4th rate
	Vegetation, sand and alkili grass

Claim Lines of T. 23 N. R. 4, W. Continued.

Chains	
	From the N. W. Cor. N. 80 acres I run
	E. on N. bdy
	Descend gentle S. E. slope
1.70	Wire fence runs N. and S.
4.00	Bottom. descent thence over rolling valley
40.00	Intersect E. bdy at temp. N. E. Cor. deposit marked red sand stone 12 ins. in ground for N. E. Cor. of claim dig pits 18x18x12 ins. S. and W. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.
	Du S. pit, drive an Oak stake 2 ft. long 2 ins sq. 12 ins. in ground, marked.
	S. C. M. on SW. face
	This Cor. bears N. 11° 39' E. 15.25 chs from the Cor. of Secs. 13, 18, 19 and 24. Latitude N. 14.92 chs. Departure E. 9.18 chs
	Land rolling.
	Soil sandy and alkali 3rd rate
	Vegetation, sand and alkali grass.

51 Sec. 51

Survey N. E. of Eleazer Bignell 160 acres in Secs 12 and 13. From a post said by Mr. Bignell to be his S. E. location Cor. which bears S. 78° 48' E. 20.39 chs. dist. from ¼ Sec. Cor. bet Secs. 12 and 13 Latitude S. 3.86 chs. Departure E. 20.01 chs dist from which Cor. I run

Chains	
	N. on E. bdy
	Over rolling W. face hills.
9.50	Descend gentle N. W. slope.
12.00	Bottom. descent, thence over rolling ground
16.00	Trail bears N. 70° W. and S. 70° E.
18.44	Wire fence bears N. 80° W and S. 80° E.
21.30	Dry bed alkali Lake of circular form
24.75	Leave Lake bed.
29.00	Ascend gently over low hills
40.00	Deposit marked red sand stone 12 ins. in ground for N. W. 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
	Du S. pit, drive an Oak stake 2 ft long

Claim Lines of T. 23 N. R. 4, W. Continued.

Chains	
	2 ins. sq. 12 ins. in ground, marked
	C. B. on SW. face
	Land level and rolling.
	Soil sandy and alkali 3rd rate
	Vegetation, sand and alkali grass.

Chains	
	W. on N. bdy
	Over rolling hills.
2.00	Ascend E. slope.
19.00	Top of ascent on low ridge N. and S.
24.00	Descend SW. face hills.
40.00	Deposit marked red sand stone 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. long 1½ ft. high over deposit
	Du E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
	C. B. on SE. face.
	Land rolling
	Soil sandy 3rd rate.
	Vegetation, sand grass.

Chains	
	S. on W. bdy
	Over rolling hills
3.50	Descend gentle S. slope
6.72	Wire fence, runs N. W. and S. E. Enter rolling valley land
23.90	Trail bears N. 60° W. and S. 60° E.
27.10	Trail bears N. W. and S. E. - ascend N. E. slope low ridge
40.00	Set temp. SW. Cor.
	Land rolling
	Soil sandy 3rd rate.
	Vegetation, sand grass.

From the SW. old location Cor. I run W. on S. bdy.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
	Descend gently.
3.80	Point, ch. S. of Mary Dushons sod house, apparently abandoned.
4.00	Bottom, descent over rolling valley land.
14.65	Trail bears N. and S.
19.75	Trail bears N.W. and S.E.
23.00	Ascend gently N.E. slope
40.00	Intersect W. bdry at temp. Cor. deposit marked red sand stone 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.
	E.B. on N.E. face
	Land rolling
	Soil sandy 3rd rate
	Vegetation, sand grass.
	January 26 1901

(~~Sec 59~~ Sec 58)

Survey of E. of William Bignell 160 acres in Sec 11 Points for N.W. Cor is shown by Joseph Bignell at which point & deposit fire brick 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
W. B. on S.W. face. This Cor. bears N. 42°43' W. 17.69 chs. dist from ¼ Cor. bet Secs. 11 and 12. Latitude N. 1300 lns. of departure W. 12.00 chs.
From this Cor. I run
W. on N. bdry
Over rolling ground in N. edge of valley
35.60 Trail bears N.W. and S.E.
40.00 Deposit marked red sand stone 12 ins in ground for N.W. Cor. of claim, dig pits 18x18x12 ins. S. and E. of Cor. 4 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high over deposit.

Claim Lines of T. 23 N. R. 47 W. Continued.

Chains	
	In E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked.
	W.B. on S.E. face
	Land rolling valley
	Soil sandy 3rd rate.
	Vegetation, sand grass.
	S. on W. bdry
	Over rolling valley
4.00	Ascend gently along E. slope hills.
7.00	E. face low ridge, thence over low hills.
24.30	Trail bears E. and N.
26.00	Ascend N.E. slope
40.00	On ridge, bearing N.W. and S.E. Set witness Cor.
	Land rolling
	Soil sandy 3rd rate.
	Vegetation, sand grass.
	From the N.E. Cor of claim, I run
	S. on E. bdry
	Descend gently.
12.00	Dry bed alkali lake of circular form
15.00	Leave lake bed, thence over rolling valley land.
27.25	Trail bears N. 80° W. and E.
36.00	Ascend gently.
40.00	Deposit marked red sand stone 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.E. pit, drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
	W.B. on N.W. face
	Land rolling
	Soil sandy and alkali 3rd rate
	Vegetation sand & alkali grass
	W. on S. bdry.

Claim Lines of T. 23 N., R. 47 W. Continued.

Chains	
	Ascend gently.
3.00	Low ridge, bears N. and S. thence over low hills
7.00	Descend gently.
21.00	Bottom descent in neck of rolling valley bears N. and
26.00	Ascend N.E. slope hills.
39.00	Top. on N. face ridge, descend gently.
40.00	Intersect N. bdry. at temp. cor. deposit marked red sand stone 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. N.B. on N.E. face.

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

Sec. 49.

49

Survey of N.E. of Joseph Bignell, 160 acres in Sec. 9, 10, 15 and 16. The S.W. original location point was shown by Mr. Bignell, as his S.W. Cor. at which point, Deposit marked limestone 1 ins. in the ground for S.W. Cor. of claim, dig pits 18x18x1 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. B. on N.E. face, thence Draw
E. on S. bdry.
Over rolling valley land —

15.00	Trail, bears N.W. and S.E.
20.00	Deposit marked limestone 1 ins. in the ground for S.E. Cor. of claim, dig pits 18x18x1 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. 1 ins. in the ground, marked J. B. on N.W. face, This Cor. bears S. 87° 24' E

Claim Lines of T. 23 N., R. 47 W., Continued.

Chains	
	24.03 chs. dist. from the Cor. of Secs. 9, 10, 15 and 16, Latitude S. 24.00 chs. Departure E. 1.09 chs.

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

N. on E. bdry.
Over rolling ground.

14.00	Ascend gently.
19.00	Top of slight raise.
21.00	Descend gently.
25.30	Bottom descent at trail running E. and W.
34.10	Trail, bears N.E. and S.W.
35.77	Wire fence, bears N. 50° W., and S. 50° E., Enter level meadow land —
80.00	Deposit piece of slag 1 ins. in ground for N.E. Cor. of claim, dig pits 18x18x1 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. 1 ins. in the ground, marked J. B. on S.W. face.

Land, level and rolling.
Soil, sandy 1st and 3rd rate.
Vegetation, sand and meadow grass.

W. on N. bdry.
Over valley land

16.00	Ascend gently along S. slope low hills.
20.00	Set temp. N.W. Cor. of Claim.

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

From the S.W. Cor. Draw
N. on W. bdy.
Over rolling valley land

Claim Lines of T. 23 N., R. 47 W., Concluded

Chains.	
8.29	Wire fence, bears N.W. and S.E.
9.75	Trail, along fence.
24.50	Trail, bears N. 20° W. and S. 20° E.
35.00	Ascend very gently.
36.55	Wire fence, bears N. 80° W. and S. 80° E., ascend S.E. slope
42.00	Top of ascent, thence over low hills —
61.00	Descend N.E. slope.
66.00	Bottom descent in W. Edge valley —
75.00	Ascend gently.
80.00	Intersect N. bdry. at the temp. Cor., deposit piece of slag 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 T. B. on S.E. face.

Land, level and rolling
Soil, sandy 2nd and 3rd rate.
Vegetation, sand and meadow grass.
Jan. 28, 1901.

Sec 74

For Notes of sec 74 see Notes of sec 37 page 83 T. 22 N. R. 47 W.

Bro. Beckmann Com.
By Robert Harry
State Surveyor

I hereby certify that I assisted Willard W. Alt, U. S. Surveyor, in surveying all those parts or portions of the Subdivision and claim Lines of Tps. 21 & 22 N. Range 47 West, of the 6th. Principal Meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Surveys have been in all respects to the best of my knowledge and belief, well and faithfully surveyed in the Cor. monuments established according to the instructions furnished by the Commissioner of the General Land Office.

Harry C. Covalt
Chainman.

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

Willard W. Alt.
U. S. Surveyor.

I hereby certify that I assisted Willard W. Ackt, U. S. Surveyor, in surveying all those parts or portions of the Subdivision and Claim Lines of Tps. 21 and 22 N. R. 47 West, of the 6th. Principal Meridian, State of Nebraska, which are represented in the foregoing field notes, as having been surveyed by him and under his direction and that said Surveys have been in all respects to the best of my knowledge and belief, well and faithfully surveyed and the corner monuments established according to the instructions furnished by the Commissioner of the General Land Office.

Earl J. Martin.
Moundman

Subscribed and sworn to before me this 22nd day of Dec. 1900.
Willard W. Ackt.
U. S. Surveyor.

I hereby certify that I assisted Willard W. Ackt, U. S. Surveyor, in surveying all those parts or portions of the Subdivision and Claim Lines of Tps. 22 & 23 North, Range 47 West, of the 6th. Principal Meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction, and that said Surveys have been in all respects, to the best of my Knowledge, and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the Commissioner of the General Land Office.

Fred Newman.
Moundman

Subscribed and sworn to before me this 28th. day of January, 1901.
Willard W. Ackt.
U. S. Surveyor.

I hereby certify that I assisted Willard W. Alt, U. S. Surveyor, in surveying all those parts or portions of the Subdivision and claim Lines of Tps. 22 and 23 N. R. 47 West of the 6th Principal Meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Surveys have been in all respects, to the best of my knowledge and belief, well and faithfully, surveyed and the corner monuments established according to the instructions furnished by the Commissioner of the General Land Office.

Earl J. Martin
Chainman

Subscribed and sworn to before me the 28th. day of Jan. 1901.
Willard W. Alt.
U. S. Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Willard W. Alt, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision and claim lines of Tps. 21, 22 and 23 N. R. 47 W. of 6th P. M. State of Nebraska showing the respective capacities in which they acted:

Joseph B. Koon, Chainman.
Harry C. Covalt, until Dec 22, 1900, Chainman.
Earl J. Martin, from Dec 22, 1900, Chainman ~~Moundman.~~
Earl J. Martin, until Dec 22, 1900, Moundman.
Fred Newman, from Dec 22, 1900, Moundman ~~Axman.~~
, Axman.
Herbert Campbell, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Willard W. Alt, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the subdivision and claim lines of Tps. 21, 22 and 23 North, Range 47 West of the 6th Principal meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor General for~~ Commissioner of the General Land Office.

, Chainman.
Joseph B. Koon, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
Herbert Campbell, Flagman.

Subscribed and sworn to before me this 28th day of January, 1901

Willard W. Alt
U. S. Surveyor

SEAL

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3

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Willard W. Alt, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a contract received from Commissioner of the ~~United States Surveyor~~ General ~~for~~ Land Office, bearing date of the 26th day of May, 1900, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the ~~United States Surveyor~~ Commissioner of the General ~~for~~ Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional and claim lines of Tps. 21, 22 and 23 N., R. 47 W.

of the 6th Principal meridian, in the State of Nebraska, 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~~ Commissioner of General Land Office 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.

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

Subscribed by said Willard W. Alt, and sworn to before me this 5th day of Oct. 1901, 189

SEAL

W. H. Nickles, Clerk of the District Court in and for Grant County, Nebraska.

4

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.

Binger Hermann
Commissioner and Ex officio Surveyor General.
for Nebraska

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

Binger Hermann
Commissioner and Ex officio Surveyor General.
for Nebraska

6—151

333
139

gas.

Department of the Interior,
General Land Office.
Washington, D.C., July 19, 1915.

I hereby certify that I have caused to be transcribed from the original field notes on file in this office the hereinafter named portions of the field notes of the survey of the subdivisional and claim lines of Tps. 21, 22 and 23 N., R. 47 W., 6th P.M., Nebraska, executed by Willard W. Alt, U.S. Surveyor, found missing from these transcripts as certified to, as correctly copied from the original notes on file in this office, by Binger Hermann, Commissioner and ex officio Surveyor General for Nebraska,

Transcribed on page marked 4A, and attached page marked 5A. — Preliminary Oaths of assistants for Tps. 21, 22 and 23 N., R. 47 W.

Transcribed on page 97. — Memorandum concerning final oaths and approval of T. 21 N., R. 47 W.

Transcribed on page 109. — Memorandum concerning final oaths and approval of T. 22 N., R. 47 W.

Transcribed on pages 133, 134, 135, 136, 137 and 138. — List of names, final oaths of assistants and of U.S. Surveyor, for Tps. 21, 22 and 23 N., R. 47 W.

Binger Hermann
Commissioner and ex officio Surveyor General for Nebraska

See letter "E" J.A.D.
467352 M.L. 328281
July 19 1915
Comm. General Land Office
Washington D.C.

General Land Office • Original Field Notes

Book Number

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W.W. Alt - Subdivision of T 23 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.