General Land Office • Original Field Notes

Book Number

777

W.W. Alt Subdivision of T 21 N - R 34W

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

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

Duplicate.

Ex 9-14-03
R.H.
G.L.

4—679.

Rec'd with letter from W. W. Alt. U.S. Surveyor, dated April 30, 1900. 58493/1900

FIELD NOTES

OF THE SURVEY OF THE

Subdivision and
Claim Lines
of
Township No. 21 North
Range 34 West

Of the Sixth Principal Meridian,
State of Nebraska

AS SURVEYED BY

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

er his Contract No. ....., dated Apr. 17th, 1899

ey commenced Sept. 11th, 1899

ey completed Sept. 10th, 1899

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NAMES AND DUTIES OF ASSISTANTS.

Joseph B. Moon — Chainman
Arthur H. Meeleng — "
Daniel H. Templeton — Flagman
Harry C. Knapp — Moundman
Mathews Carlisle — "

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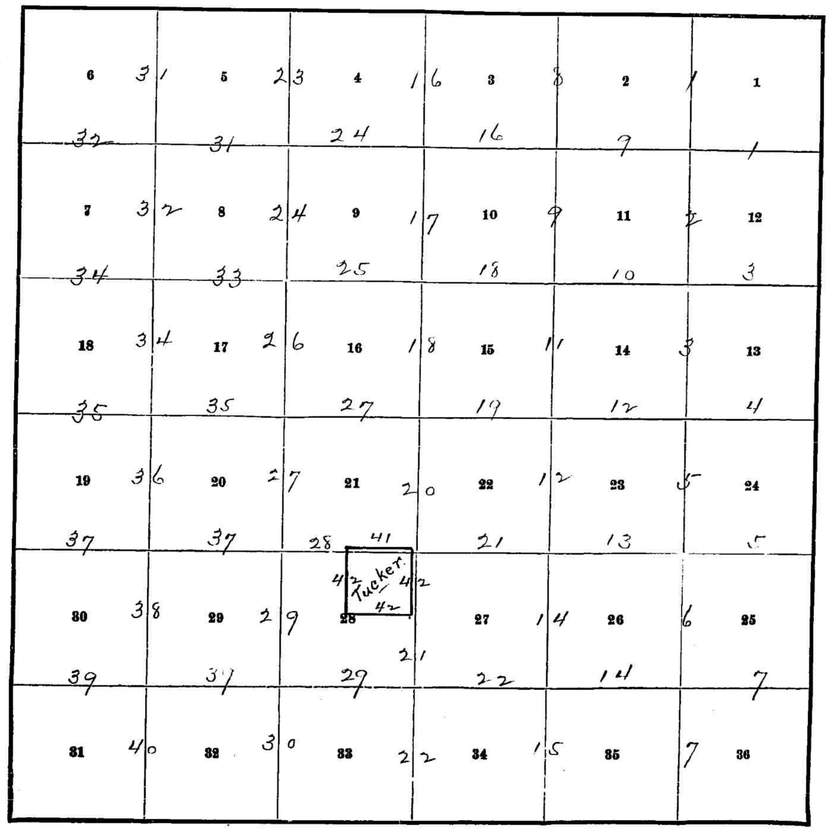
INDEX DIAGRAM.

Township 21 N., *Range* 34 (E).



Meanders Page

6—151

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

Subdivision of Township 21 N. Range 34 W.

Chains	
	From the cor. of Secs. 1, 2, 35 and 36 on N. bdry. of Tp. Run parallel to E. bdry.
	S. 0° 3' W bet Secs 1 and 2
	Descend over low hills.
9.00	Bottom of descent, in neck of Valley E. and W.
20.00	Ascend gradually along N. slope low hills.
40.00	Deposit charred stake 12 ins. in ground for 1/4 sec. cor., dug pits 18 x 18 x 12 ins N and S of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high over deposit.
	In S. pit, drove a cedar stake 2 ft long, 2 ins sq. 12 ins in ground, marked 1/4 S. on W. face
44.50	Top of ascent 75 ft above valley.
48.00	Descend over broken ground.
73.00	Bottom of descent, enter basin like Valley.
80.00	Deposit charred stake 12 in. in ground for Cor. Secs. 1, 2, 11 and 12. Dug pits 18 x 18 x 12 ins. in each Sec. 4 ft dist. and raised a mound of earth 4 ft base, 2 ft high, over deposit.
	In S.E. pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in ground, marked T. 21 N. S. 1 on N.E. R. 34 W. S. 12 on S.E. S. 11 on S.W. and S. 2 on N.W. face, with 5 notches on south and 1 notch on E. edge.
	Land broken.
	Soil Sandy, 4th rate.
	East on random line bet. Secs 1 and 12
40.00	Set temp. 1/4 Sec. cor.
79.86	Intersect E. bdry. of Tp. 14 lks. S of Cor. of Secs. 1, 6, 7 and 12.
	Thence Run S 89° 54' W, on a true line bet. Secs 1 and 12
	Descend gently over low hills.
38.00	Enter rolling basin like valley, narro

Subdivision of Tp. 21 N., R. 34 W., Continued

Chains.	
39.93	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor., dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft high, over deposit
	In E. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on N. face.
61.66	Trail, bears N.W. and S.E.
79.66	Trail, course N.E. and S.W.
79.86	The Cor. of Secs 1, 2, 11 and 12.
	Land rolling
	Soil, Sandy 3rd rate

	S. 0° 3' W. bet. Secs. 11 and 12
	Over rolling ground
0.12	Trail, Course N.E. and S.W.
13.00	Ascend along N. slope.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft. high, over deposit,
	In S. pit drove a cedar stake 2 ft long, 2 ins sq. 12 ins. in ground, marked 1/4 S. on W. face
56.00	Top of ascent 75 ft. on E. face bluffs, descend over ridge along S.E. slope.
80.00	Deposit charred stake 12 ins. in ground for Cor. Secs. 11, 12, 13 and 14, dug pits 18 x 18 x 12 ins in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit.
	In SE pit drove an oak stake 2 ft long 2 ins sq. 12 ins. in ground, marked.
	T 21 N. S. 12 on N.E.
	R. 34 W. S 13 on S.E.
	S. 14 on S.W. and
	S. 11 on N.W face, with 4 notches on S and 1 notch on E. edge. -
	Land broken.
	Soil Sandy 3rd and 4th rate

Subdivision of T. 21 N. R. 34 W., Continued.

Chains	
	N. 89° 54' E. on a random line bet. Secs. 12 and 13
40.00	Set. temp 1/2 sec. cor.
80.20	Intersect E. bdry. of Tp. 4 lks. N. of the cor. of Secs. 7, 12, 13 and 18
	Thence I run
	S. 89° 56' W, on a true line bet. Secs. 12 and 13
	Over low hills - ascending gently.
22.00	Low ridge 50 ft above cor., descend gently
40.10	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit.
	In E. pit, drove an oak stake 2 ft. long 2 ins sq 12 ins. in ground, marked 1/4 S. on N. face.
62.00	Trail, course N.E. and S.W.
64.00	Bottom descent in ravine or pass, ascend along S.E. slope range.
80.20	The cor of Secs. 11, 12, 13 and 14.
	Land, broken
	Soil, Sandy 4th rate.

	S. 0° 3' W. bet. Secs 13 and 14
	Along S.E. slope hills.
18.00	Trail, Course N.E. and S.W.
25.00	Descend over rolling ground
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits, 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft. high, over deposit
	In S. pit, drove an oak stake 2 ft long, 2 ins. sq 12 ins. in ground, marked 1/4 S. on W. face
60.50	Descend river bluffs.
63.00	River bottom.
65.50	Centre of Dismal River 20 lks. Wide flows E. ascend gradually.
67.70	Spring branch, course N. 20° E. 4 lks wide
78.00	East face cañon, descend —

Subdivision of T. 21 N., R. 34 W. Continued.

Chains.	
78.50	Bottom in ravine - 50 ft. wide - spring branch runs N. from point 1 ch. N.
80.00	Point for corner of Secs. 13, 14, 23 and 24, falls in sand - bring an unsafe place to construct a cor. I therefore set an oak post, 3 ft long 4 ins. sq. with a charred stake 24 ins. in ground at a point on Sec. Line 1 ch. N. 0°3' E from corner point, for witness cor. to Cor. of Secs. 13, 14, 23 and 24, marked, W. T. C. 21 N. S 13 on N.E. R. 34 W. S 24 on S.E. S. 23 on S.W. and S. 14 on N.W. face, with 3 notches on S. and 1 notch on E. edge, dug pits 18 x 18 x 12 ins, in each Sec. 4 ft. dist and raised mound of earth 4 ft. base, 2 ft. high, W. of Cor.
	Land, rolling and broken.
	Soil, Sandy 2nd and 4th rate.
	N. 89°56' E. on a random line bet. Secs. 13 and 24
40.00	Set temp 1/4 Sec Cor
80.18	Intersect E. bdry of Tp. 4 lks. N. of the cor. of secs. 13, 18, 19 and 24
	Thence I run
	S. 89°58' E. on a true line bet. Secs. 13 and 24
	Ascend N. slope hills.
4.00	Top of an ascent, thence over broken ground
39.50	Trail, course N.E. and S.W.
40.09	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit. In E. pit drove an oak stake 2 ft long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on N. face
47.00	Descend gradually along W. slope
75.20	Trail - Course N.E. and S.W.
78.70	Descent into ravine
80.18	The cor. point for Secs. 13, 14, 23 and 24
	Land, broken -
	Soil, sandy 4th rate.

Subdivisions of T. 21 N., R. 34 W., Continued.

Chains	
	S. 0°3' W. bet Secs. 23 and 24
	Ascend N.E. face ridge.
0.75	Trail, Course E. and W.
6.00	Top of ascent 75 ft. thence over rolling hills.
30.15	Trail, course N.W. and S.E.
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins N. and S. of Cor. 4 ft dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In S. pit, drove an Oak stake 2 ft long 2 ins. sq. 12 ins in ground, marked, 1/4 S. on W. face.
80.00	Deposit charred stake 12 ins in ground for Cor of Secs. 23, 24, 25 and 26 - dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft base 3 ft high over deposit. In S.E. pit drove an Oak stake 2 ft long 2 ins. sq 12 ins in ground, marked T 21 N. S 24 on N.E. R. 34 W. S 25 on S.E. S. 26 on S.W. and S. 23 on N.W. face, with 2 notches on south and 1 notch on east edge.
	Land broken
	Soil, Sandy 4th rate
	N. 89°58' E. on random line bet. Secs. 24 and 25
40.00	Set temp 1/4 Sec Cor.
80.26	Intersect E. bdry of Tp. at the cor. of Secs. 19, 24, 25 and 30
	Thence I run
	S. 89°58' W. on a true line bet Secs. 24 and 25
	Ascend over broken ground on E. slope hills
30.25	Top of ascent on edge of sand bluffs descend.
37.50	Bottom descent, over broken ground
40.13	Deposit charred stake 12 ins in ground for 1/4 Sec Cor. - dug pits 18 x 18 x 12 ins E.

Subdivisions of T. 21 N. R. 34 W., Continued

Chains	
	and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
	In E. pit drove an Oak Stake 2 ft long 2 ins sq. 12 ins. in ground, marked ¼ S. on N. face
50.50	Ridge, course N and S; descend over broken ground on top hills.
80.26	The cor. of Secs. 23, 24, 25 and 26
	Land broken
	Soil, Sandy 4th rate
	Sept 11th – 1899

	S. 0°3' W. bet. secs. 25 and 26
	Over rolling ground on top hills
7.00	Ridge, thence over broken ground and ridges
27.00	Bluff – descend abruptly
40.00	Deposit charred stake 12 ins. in ground for ¼ Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 4 ft dist. and raised a mound of earth 3½ ft base 1½ ft high, over deposit.
	In S. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked ¼ S. on W. face.
45.00	Bottom descent thence over low hills.
60.20	Trail – Course E. and W., ascend gently
80.00	Deposit charred stake 12 ins. in ground for cor. secs. 25, 26, 35 and 36. – dug pits 18 x 18 x 12 ins. in each Sec. 4 ft dist and raised a mound of earth 4 ft base 2 ft high, over deposit. In SE. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked T 21 N. S. 25 on N.E. R. 34 W. S. 36 on S.E. S. 35 on S.W. and S. 26 on N.W. face, with 1 notch on S. and E. edges
	Land, broken
	Soil, Sandy 4th rate

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	N. 89°58' E. on a random line bet. Secs. 25 and 36
40.00	Set temp ¼ Sec. Cor.
80.24	Intersect E. bdry of Tp. 17 lks. S of the cor. of Secs. 25, 30, 31 and 36.
	Thence I run
	S 89°51' W. on a true line bet. Secs 25 and 36
	Over low hills, ascending gently.
40.12	Deposit charred stake 12 ins in ground for ¼ Sec. Cor. – dug 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 drove an Oak Stake 2 ft long, 2 ins sq. 12 ins in ground, marked ¼ S. on N. face
80.24	The cor. of secs. 25, 26, 35 and 36
	Land – rolling
	Soil – Sandy 4th rate.

I prolong my line S 0°3' W to an intersection with 5th Standard Parallel. I find that the falling is 65 lks. W. from the Standard cor of secs. 35 and 36. – my falling being greater than the allowed limit, to test my work I proceed as follows: –

From the point of intersect I run S 89°30' E on 5th Standard Parallel.

0.65	Standard Cor. Secs 35 and 36
40.50	Standard ¼ Sec. Cor.
80.35	Township Cor. – The measurement of the Standard Parallel is therefore 30 lks short on S. bdry. of Sec 36. I therefore cannot make closings on the Standard Corners.

	S 0°3' W. on true line bet. Secs 35 and 36
	Ascend N. slope
7.00	Top 60 ft. above cor, thence along E. face of bluffs
14.00	Descend
26.00	Bottom of descent in narrow valley
	Ascend gently along N. slope hills.

Subdivisions of T. 21. N., R. 34 W. Continued

Chains	
35.80	Wire fence - course N 10° W.
40.00	Deposit charred stake 12 in. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high, over deposit. In S. pit drove an Oak Stake 2 ft. long 2 ins sq 12 ins. in ground, marked 1/4 S. on W. face
56.00	Top of ascent on W. face hills
70.00	Descend S.W. slope
79.36	Intersect 5th Standard Parallel at a point N 89° 30' W. 0.65 chs. dist. from the Standard cor of Secs. 35 and 36, - where I deposit a charred stake 12 ins in ground for closing cor of Secs 35 and 36 - dug pits 24 x 18 x 12 ins. crosswise on each line N.E. and W. of cor. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft high, over deposit In N. pit drove an Oak Stake 2 ft long, 2 ins sq. 12 ins. in ground, marked C. C. T. 21 N., R 34 W. on N. S. 36 on E. and S. 35 on W. faces, with 1 groove on E. and 5 grooves on west edge

Land - broken.
Soil; Sandy 4th rate.

Sept. 14th 1899

From the cor. of secs. 2, 3, 34 and 35, on the N. bdry. of Tp. I run
S 0°2' W. bet Secs. 2 and 3
Ascend gently along N.W. slope

Chains	
23.00	Top of ascent on low hills
40.00	Deposit charred stake 12 ins. in ground for 1/4 sec. Cor - dug pits 18 x 18 x 12 ins. E. and W. of cor 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, over deposit In S. pit, drove a Cedar Stake 2 ft long 2 ins. sq. 12 ins in ground, marked 1/4 S. on W. face

Subdivisions of T. 21 N. R. 34 W. Continued.

Chains.	
42.00	Descend over low hills
54.00	Bottom descent, thence ascend gradually along N. slope
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs. 2, 3, 10 and 11, - dug pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft high over deposit. In S.E. pit drove an Oak Stake 2 ft. long, 2 ins sq. 12 ins in ground, marked T. 21 N. S. 2 on N.E. R. 34 W. S. 11 on S.E. S. 10 on S.W. and S. 3 on N.W. face with 5 notches on south and 2 notches on E. edge

Land - Broken
Soil, Sandy 4th rate.

East on random line bet. Secs. 2 and 11

Chains	
40.00	Set. temp 1/4 Sec. Cor.
79.90	Intersect N. and S. line at cor. of Secs. 1, 2, 11 and 12

Thence I run
West on true line bet Secs. 2 and 11
Over low hills.

Chains	
39.95	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high, over deposit In E. pit, drove an Oak Stake 2 ft long, 2 ins sq. 12 ins. in ground, marked 1/4 S. on N. face
50.00	Ascending along N.E. slope. -
79.90	The Cor. of Sec. 2, 3, 10 and 11

Land, rolling and broken
Soil, Sandy 4th rate

S. 0°2' W bet. Secs 10 and 11
Ascend

Chains	
4.50	Top of ascent on high hills, thence over broken

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	ground along E. face range.
28.00	Descend abruptly along S.E. slope.
35.00	Bottom descent in narrow valley bearing S.W. and N.E.
38.80	Trail - Course N.E. and S.W.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft high, over deposit. In S. pit, drove an Oak stake 2 ft long 2 ins sq. 12 ins. in ground marked 1/4 S. on W. Face
	Ascend gently along N. slope
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs. 10, 11, 14 and 15, dug pits 18 x 18 x 12 ins, in each sec. 4 ft dist, and raised a mound of earth, 4 ft. base 2 ft high, over deposit. In S.E. pit drove an Oak Stake 2 ft long, 2 ins sq. 12 ins in ground marked T. 21 N. S. 11 on N.E. R 34 W. S. 14 on S.E. S. 15 on S.W. and S. 10 on N.W. faces, with 4 notches on S and 2 notches on E. edges. Land - rolling and broken Soil Sandy 4th rate

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	East on a random line bet Sec. 11 and 14
40.00	Set temp. 1/4 sec. cor.
50.10	Intersect with N and S. line 23 lks. S. of the cor of Secs. 11, 12, 13 and 14. Thence I run S. 89° 50' W. on a true line bet. Secs. 11 and 14
	Ascending E.E. slopes hills.
13.00	Top. low hills
32.00	Top range hills over broken ground on top hills
40.05	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. - dug pits 18 x 18 x 12 ins E. and W.

Subdivisions of T. 21 N. R. 34 W. Continued

Chains	
	of cor. 4 ft dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft. high over deposit In E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked 1/4 S. on N. face.
41.00	Descend gradually along N.W. slope.
80.10	The Cor. of Secs. 10, 11, 14 and 15 Land broken Soil, Sandy 4th rate

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	S. 0° 2' W bet. Secs 14 and 15
	Ascend gradually
20.00	Top of ascent 75 ft. thence along W. face hills over broken ground
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. - dug pits, 18 x 18 x 12 ins N. and S. of Cor. 4 ft dist and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high - over deposit. In S. pit drove an Oak stake 2 ft long 2 ins. sq. 12 ins in ground, marked 1/4 S. on W. face.
40.50	Descend S.W. slope
70.00	Bottom descent, thence ascend N. slope low hills
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs. 14, 15, 22 and 23 - dug pits 18 x 18 x 12 ins. in each sec. 4 ft dist. and raised mound of earth, 4 ft base 2 ft high over deposit In S.E. pit drove an Oak. Stake 2 ft long 2 ins sq. 12 ins. in ground, marked T. 21 N. S. 14 on N.E. R. 34 W. S. 23 on S.E. S. 22 on S.W. and S. 15 on N.W. face with 3 notches on S. and two notches on E. edge Land - broken Soil, Sandy 4th rate.

Subdivisions of T. 21 N. R. 34 W. Continued.

Chains	
	N. 89°50' E on a random line bet. secs 14 and 23
40.00	Set temp. 1/4 Sec. Cor.
80.18	Intersect N. and S. line 30 lks. N of the cor point for Secs 13, 14, 23 and 24.
	Thence I run
	N 89°57' W. on a true line bet. Secs. 14 and 23
	Ascend
0.90	Trail Course N.W. and S.E.
3.00	Descend over rolling table land
8.60	Trail, Course N.E. and S.W.
25.90	Dismal River 20 lks. wide flows N.E.
26.90	Spring creek 3 lks wide flows easterly about 5 chs
	Ascend over rolling ground.
40.09	Deposit charred stake 12 in in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E and W of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In E. pit, drove an Oak Stake 2 ft long 2 ins sq. 12 ins in ground, marked 1/4 S. on N. face
	Ascend over low broken hills
80.18	The cor of Secs. 14, 15, 22 and 23
	Land rolling and broken
	Soil, Sandy, 2nd and 4th rate

	S. 0°2' W. bet. Secs. 22 and 23
	Ascend N. slope
12.00	Top of ascent, thence over broken ground
30.00	Descend.
37.00	River bluff descend abrupt.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins N and S. of cor 4 ft. dist. and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high over deposit In S. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on W. face — This corner is in plum thicket on N. bank of river.
41.00	Bottom descent - over river bottom

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
44.05	Centre of Dismal River 15 lks. wide. flows N 20° E
	Ascend gradually along W. face ravine
55.00	Trail course E. and W. ascend N. slope, gradually
69.80	Wire fence, Course E and W.
80.00	Deposit charred stake 12 ins in ground for Cor. of Secs. 22, 23, 26 and 27 - dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit. In S.E. pit, drove an Oak Stake 2 ft long 2 ins sq. 12 ins. in ground, marked T. 21 N. S. 23 on N.E. R. 34 W. S. 26 on S.E. S. 27 on S.W. and S. 22 on N.W. face, with 2 notches on S and E edges
	Land rolling and broken
	Soil, Sandy 2nd and 4th rate.

	S. 89°57' E. on a random line bet. Secs. 23 and 26
40.00	Set. temp 1/4 Sec. cor.
80.22	Intersect N. and S. line 14 lks N. of the cor of Secs. 23, 24, 25 and 26.
	Thence I run
	N. 89°51' W. on a true line bet. Secs. 23 and 26
	Over rolling ground on top hills
12.50	Descend W. slope
28.00	Bottom descent, thence over low hills
39.67	Wire fence bears N. 20° W. - descend
40.11	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft dist. and raised a mound of earth, 3 1/2 ft base, 1 1/2 ft. high, over deposit. In E. pit, drove an Oak Stake 2 ft long 2 ins sq. 12 ins. in ground, marked 1/4 S. on N. face
42.00	Ascend over low hills gently
52.00	Top of ascent thence along N. slope low hills
80.22	The cor. of Secs. 22, 23, 26 and 27
	Land broken
	Soil, Sandy 4th rate

Sept. 12, 1899

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	S. 0° 2' W. bet. Secs. 26 and 27
	Ascending along N. slope gently
24.00	Top of ascent, on W. face low hills
37.00	Descend
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. – dug pits 18 x 18 x 12 ins. N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high, over deposit. In S. pit, drove an Oak. Stake 2 ft long 2 ins sq. 12 ins. in ground, marked 1/4 S. on W. face.
51.60	Trail Course E and W ascend over broken ground
67.00	Top of ascent on low hills, descend gently
80.00	Deposit charred stake 12 ins. in ground for Cor of Secs 26, 27, 34 and 35 – dug pits 18 x 18 x 12 ins in each Sec. 4 ft dist and raised a mound of earth 4 ft base, 2 ft high over deposit. In SE. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground marked T. 21 N. S. 26 on NE. R. 34 W. S. 35 on SE. S. 34 on SW. and S. 27 on NW. face with 1 notch on S and 2 notches on E. edges. Land broken Soil, sandy 4th rate

S. 89° 51' E. on a random line bet. Secs. 26 and 35

40.00	Set temp 1/4 sec. cor.
80.20	Intersect N. and S. line. 7 lks. S. of the Cor of Secs 25, 26, 35 and 36
	Thence Trav
	N. 89° 54' W. on a true line bet Secs. 26 and 35 – Ascend along NE. slope over broken ground
11.39	Wire fence, course N. 20° W.
25.00	Top of ascent on range of hills 100 ft high thence over broken ground descending slightly
40.10	Deposit charred stake 12 ins in ground for 1/4

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	Sec. Cor. – dug pits 18 x 18 x 12 in E and W. of Cor. 4 ft dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high, over deposit. In E. pit, drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on N. face
80.20	The cor. of secs. 26, 27, 34 and 35. Land, broken Soil, Sandy 4th rate

S. 0° 2' W. bet. Secs 34 and 35. on a true line

	Descend over low hills
18.00	Bottom descent, thence ascend gently over broken ground
40.00	Deposit charred stake 12 in. in ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N and S of Cor. 4 ft dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In S. pit, drove an Oak Stake 2 ft long. 2 in. sq. 12 ins. in ground, marked 1/4 S on W. face
79.08	Intersect 5th Standard Parallel at a point N. 89° 30' W 1.15 chs. dist from the Standard Cor of Secs 34 and 35 where I deposit charred stake 12 ins in ground, for closing cor of Secs. 34 and 35. dug pits 24 x 18 x 12 ins. crosswise on each line N, E. and W of Cor 4 ft. dist and raised mound of earth 4 ft base 2 ft high over deposit In N. pit, drove Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked C. C. T. 21 N. 34 W on N S. 35 on E and S. 35 on W. face with two grooves on E and 4 grooves on W. sides. Land broken Soil, Sandy 4th Rate

Sept. 14th 1899

Subdivision of T. 21 N. R. 34 W. Continued.

Chains	
	From the cor. of Secs. 3, 4, 33 and 34 on N. bdry of Tp. Trun.
	S. 0° 2' W. bet. Secs 3 and 4.
	Ascend N. slope gradually.
21.00	Top of ascent 60 ft. – thence over broken hills
36.00	Ridge on top range, E. and W.
40.00	Deposit charred stake 12 in in ground for 1/4 Sec. cor. dug pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit. In S. pit, drove a Cedar Stake 2 ft long 2 in. sq. 12 in. in ground, marked 1/4 S. on W. face
42.30	Descend abruptly
58.00	Bottom descent, over rolling valley land.
60.50	Trail – Course E. and W.
80.00	Set an Oak Post 3 ft. long, 4 in sq. with charred stake 24 ins in ground for cor of Secs 3, 4, 9 and 10. marked: T. 21 N. S. 3 on N.E. R. 34 W. S 10 on S.E. S. 9 on S.W. and S. 4 on N. W. face, with 5 notches on S and 3 notches on E. edges – dug pits 18 x 18 x 12 ins in each Sec. 5 1/2 ft. dist and raised a mound of earth 4 ft base. 2 ft high. W. of Cor. Land, level and broken Soil, Sandy 3rd and 4th rate.

	East on random line bet. Secs 3 and 10
40.00	Set temp. 1/4 Sec. cor.
79.92	Intersect N. and S. line 9 lks N of Cor. of Secs 2, 3, 10 and 11
	Thence Trun
	N 89° 56 W. on a true line bet. secs. 3 and 10
	Ascend
1.00	Top 20 ft. above cor. thence descend W. slope

Subdivisions of T. 21 N. R. 34 W., Continued

Chains	
39.96	Deposit charred stake 12 ins. in ground for 1/4 sec. cor. – dug pits 18 x 18 x 12 ins. E and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base – 1 1/2 ft high over deposit. In E. pit drove an Oak Stake 2 ft long, 2 ins. sq. 12 ins. in ground, marked 1/4 S. on N. face
40.00	Bottom descent. thence over low hills on N. foot hills of range
72.60	Trail, Course N.E and S.W. thence over level ground
79.92	The cor. of secs. 3, 4, 9 and 10. Land, level and broken Soil, sandy 2nd and 4th rate.

	S. 0° 2' W. bet. Secs 9 and 10
	Over nearly level ground.
6.15	Trail, course E. and W., ascend low hills
26.00	Top of ascent – on E. face low bluff over low hills.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. – dug pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high, over deposit. In S. pit drove an Oak stake 2 ft long 2 ins. sq. 12 ins in ground, marked 1/4 S. on W. face
78.50	Trail, course S. 20° W.
80.00	Deposit charred stake 12 ins. in ground for cor. of Secs. 9, 10, 15 and 16, – dug pits 18 x 18 x 12 ins in each sec. 4 ft. dist. and raised mound of earth 4 ft. base, 2 ft high, over deposit. In S.E. pit drove an Oak Stake 2 ft long 2 ins sq. 12 ins in ground, marked T. 21 N. S. 10 on N.E. R. 34 W. S. 15 on S.E. S. 16 on S.W. and

Subdivisions of T. 21 R. 34 W. Continued.

Chains.	
	S. 9 on NW. face, with 4 notches on S. and 3 notches on E. edges —
	Land, rolling
	Soil, Sandy 4th rate.

S. 89°56' E. on a random line bet. Secs. 10 and 15

40.00	Set temp 1/4 Sec. Cor.
79.96	Intersect N. and S. line 10 lks S. of cor. of Secs 10, 11, 14 and 15

Thence I run

West on true line bet. Secs. 10 and 15

Along N. face hills ascending gently

15.00	Top of ascent 50 ft. - Thence over low hills
39.98	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit. In E. pit, drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground marked, 1/4 S. on N. face

Descend over low hills.

59.85	Trail - Course N. and S. at bottom descent
79.96	The cor. of Secs. 9, 10, 15 and 16

Land, broken

Soil, Sandy 4th rate.

S 0°2' W. bet. Secs 15 and 16

Ascend gently NW. slope low hills.

24.00	Top of low ridge, thence along W. face hills
33.00	Descent
40.00	Deposit charred stake, 12 ins in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit. In S. pit, drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on W. face
47.20	Trail - Course E. and W. in ravine.

Subdivision of T. 21 N., R. 34 W., Continued.

Chains.	
52.00	Ridge descend
56.00	Ravine, trend E. and W. around NE. slope gradually.
80.00	Set an oak post 3 ft. long 4 ins. sq. with charred stake 24 ins in ground for Cor of Secs. 15, 16, 21 and 22 marked T 21 N. S. 15 on NE. R. 34 W. S 22 on SE. S. 21 on SW. and S. 16 on NW. face, with 3 notches on S. and E. edges - dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist and raised a mound of earth 4 ft base, 2 ft. high, W. of Cor.
	Land broken -
	Soil, Sandy 4th rate.

East on random line bet. Secs. 15 and 22.

40.00	Set temp. 1/4 Sec. cor.
80.20	Intersect N. and S. line 18 lks N. of cor. of Secs. 14, 15, 22 and 23

Thence I run

N. 89° 52' W on a true line between Secs. 15 and 22, ascend over low ridges

10.00	Top of ascent 40 ft. above cor. thence along N. face low hills.
30.00	Descend NW. face,
40.10	Deposit charred stake 12 ins in ground for 1/4 sec. cor. - dug pits 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft. high, over deposit. In E. pit, drove an oak stake 2 ft. long, 2 ins sq 12 ins in ground marked, 1/4 S. on N. face.
50.10	Trail, course N. and S. at bottom descent
60.00	Ascending NE. slope range.
80.20	The cor. of Secs. 15, 16, 21 and 22

Land, broken.

Soil, Sandy 4th rate.

Subdivision of T. 21 N. R. 34 W. Continued.

Chains	
	S 0° 2' W. bet. Secs 21 and 22
	Ascend N.E. face hills
22.75	Top of ascent, on very high hills, on edge sand blow-out - over very broken ground.
37.00	Descend abruptly.
40.00	Deposit charred stake 12 ins in ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor 4 ft dist. and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high over deposit. In S. pit drove an oak stake 2 ft. long 2 ins sq. 12 ins. in ground, marked 1/4 S on W. face.
46.70	Wire fence course N. 80° E., at bottom abrupt descent.
51.50	pt. 4 chs. W. of Grant Keith's sod house
57.00	Trail, course N. 60° E.
61.30	Centre of Dismal river, 8 lks wide, course N. 80° E.
	Ascend gently over rolling ground.
75.50	Top of ascent 40 ft above river - thence over rolling ground.
78.70	Trail, course E. and W.
79.50	Enter abandoned plowed field.
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs. 21, 22, 27 and 28 - dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft. high, over deposit
	In S.E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked, T. 21 N.S. 22 on N.E. R. 34 W.S. 27 on S.E. S. 28 on S.W. and S. 21 on N.W. face, with 2 notches on South and 3 notches on E. edge.
	Land, broken and rolling -
	Soil, Sandy 1st and 4th rate.

Subdivision of T. 21 N. R. 34 W. Continued

Chains.	
	S. 89° 57' E. on a random line bet. Secs. 22 and 27
40.00	Set. temp. 1/4 Sec. Cor.
79.90	Intersect N. and S. line 5 lks. S. of the cor of Secs. 22, 23, 26 and 27
	Thence Run
	N. 89° 54' W. on a true line bet Secs 22 and 27
	Along N. slope hills
33.00	Descend N.W. slope gently
36.00	Trail - Course N. 30° E. over rolling ground
39.95	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 in E and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground marked 1/4 S. on N. face
46.50	Slough or Spring - Course N.
47.25	W. edge slough, ascend
51.90	Wire fence, at top of ascent, 50 ft. above slough thence over rolling ground, in N. edge of old plowing
79.90	The cor. of Secs. 21, 22, 27 and 28
	Land rolling
	Soil, Sandy 2nd and 4th rate
	Sept. 13th 1899
	S. 0° 2' W. bet. Secs. 27 and 28
	Over level ground in W. edge old plowing
19.60	Have plowing
39.00	Wire fence - course N. 70° E.
39.50	Trail along fence
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins N. and S of cor. 4 ft. dist. and raised mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit In S. pit, drove an Oak Stake 2 ft long 2 ins sq. 12 ins in ground, marked 1/4 S on W. face
45.00	Ascend gradually along N. slope

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
78.00	Top of ascent 75 ft thence over rolling hills
80.00	Set an Oak Post 3 ft long. 11 ins. sq with a charred stake 24 ins. in ground for Cor. of Secs. 27, 28, 33 and 34, marked T. 21 N. S. 27 on NE. R. 34 W. S. 34 on SE S. 33 on SW. and S. 28 on NW. face with 1 notch on S. and 3 notches on E. edges - dug pits 18 x 18 x 12 ins in each Sec. 5 1/2 ft. dist. and raised a mound of earth 4 ft base 2 ft high W. of Cor. Land level and broken Soil Sandy 2nd and 4th rate

S 89°54' E. on a random line bet. Sec. 27 and 34

Chains	
40.00	Set temp 1/4 sec. cor.
80.10	Intersect with N. and S. line at the cor. of Secs. 26, 27, 34 and 35

Thence Trum

N. 89°54' W. on a true line bet. Sec. 27 and 34

Chains	
	Over low ridges and bluffs on top range of hills
35.00	Ascend gradually along E. slope
110.05	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E and W of cor. 4 ft. dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In E. pit drove an Oak Stake 2 ft. long 2 ins sq. 12 ins. in ground marked 1/4 S. on N. face
79.00	Top of ascent
80.10	The cor of secs. 27, 28, 33 and 34

Land broken
Soil Sandy 4th rate Sept 14" 1899

S. 0° 2' W on a true line bet. Secs. 33 and 34

Chains	
	Descending along S. slope hills
26.00	Bottom descent, thence on low hills
40.00	Deposit charred stake 12 ins in ground for

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	1/4 Sec. cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high over deposit In S. pit, drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground marked 1/4 S. on W. face
48.00	Descend over low hills gently
78.60	Intersect 5th Standard Parallel at a point N. 89° 41' W. 1.21 chs dist. from Standard Cor of Sec 33 and 34, where I deposit charred stake 12 ins. in ground for closing cor. of Secs. 33 and 34 - dug pits 24 x 18 x 12 ins crosswise on each line, N, E, and W of cor 4 ft dist and raised a mound of earth 4 ft base, 2 ft high over deposit. In N. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground, marked C.C. T. 21 N R 34 W on N S. 34 on E and S. 33 on W. faces with 3 grooves on E and W. sides

Land broken
Soil sandy 4th rate - Sept 18" 1899

From the cor. of Secs. 4, 5, 32 and 33 on the N bdry of Tp. Trum

S 0° 1' W bet. Secs. 4 and 5

Chains	
	Ascend gradually along N. slope hills
37.00	Top of ascent 70 ft. - on range of hills - Course E and W
39.00	Descend S. face
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high, over deposit. In S. pit, drove a Cedar Stake 2 ft long 2 ins sq. 12 ins. in ground marked 1/4 S. on W. face
46.00	Descend S. slope
62.00	Bottom descent over low hills
65.00	Ascend gradually

Subdivisions of T. 21 N. R. 34 W. Continued

Chains	
80.00	Deposit charred stake 12 ins. in ground for cor. of Secs 4, 5, 8 and 9, dug pits 18 x 18 x 12 ins. in each Sec. 4 ft dist. and raised a mound of earth 4 ft. base 2 ft high over deposit In SE. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked T. 21 N. S 4 on NE R. 34 W. S. 9 on SE. S. 8 on SW and S. 5 on N.W. face with 5 notches on S. and 4 notches on E. edge Land broken Soil Sandy 4th rate
	East on random line bet. Secs. 4 and 9
40.00	Set temp 1/4 sec. cor.
80.04	Intersect N. and S. line 16 lks N. of the Cor of Secs. 34, 9 and 10
	Thence Trun
	N 84°53' W, on a true line bet. Secs. 4 and 9
	Over low foot hills sloping to N.
35.00	Enter level ground – S edge valley
40.02	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. – dug pits 18 x 18 x 12 ins E and W of Cor. 4 ft dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In E. pit drove a cedar stake 2 ft long 2 ins sq. 12 ins. in ground marked 1/4 S. on N. face
45.00	Ascend gently over low ridges and ravines
80.04	The Cor. of Secs. 4, 5, 8, and 9 Land rolling Soil, Sandy 4th rate
	S 0°, 1' W. bet Secs. 8 and 9
	Ascend N. slope gradually
8.00	Top of ascent 75 ft above valley

Subdivision of T. 21 N. R. 34 W., Continued

Chains	
20.00	Descend over broken ground
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. – dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In S. pit drove a Cedar Stake 2 ft long, 2 ins sq 12 ins. in ground marked 1/4 S. on W face
43.00	Bottom descent, in neck or end of valley
45.00	Ascend N.E. slope gradually
78.00	Top of ascent.
80.00	Deposit charred stake 12 ins. in ground for Cor of Secs 8, 9, 16 and 17 – dug pits 18 x 18 x 12 ins. in each Sec 4 ft. dist. and raised a mound of earth 4 ft base 2 ft. high, over deposit In SE. pit, drove an Oak Stake 2 ft. long 2 ins sq. 12 ins. in ground, marked T. 21 N. S. 9 on NE. R. 34 W. S. 16 on SE. S. 17 on S.W. and S. 8. on N.W. face, with 4 notches on S. and E. edges Land, broken. Soil, sandy 4th rate.
	S 89°53 E. over random line bet. secs. 9 and 16
40.00	Set. temp 1/4 Sec. Cor
80.10	Intersect N. and S. line 23 lks S. of the Cor of Secs 9, 10, 15 and 16 —
	Thence Trun
	S. 89°57 W. on a true line bet Secs. 9 and 16
	Over low hills.
0.70	Trail, Course S.W. and N.E.
21.30	Trail. Course N. and S.
40.05	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor – dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit In W.E. pit, drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins in ground, marked

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	1/4 S. on N. face
	Ascend N.E. slope
52.00	Top of ascent thence along N. face low range of hills
74.00	Descend gently
80.10	The Cor. of Secs. 8, 9, 16 and 17
	Land, rolling and broken
	Soil, Sandy 4th rate

	S. 0° 1' W. bet. secs. 16 and 17
	Ascend gently along N. face hills.
14.00	Top of hills 100 ft. above valleys
35.00	Descend over broken bluffs.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor 4. ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft. high, over deposit
	In S. pit, drove a Cedar stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked
	1/4 S. on W. face
41.00	Bottom descent in E. end valley
46.90	Trail Course N.E. and S.W. ascending along NW. slope foot hills.
76.00	Top of ascent on W. face hills
80.00	Deposit charred stake 12 ins in ground for Cor. of Secs. 16, 17, 20 and 21 - dug pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft high over deposit
	In S.E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground, marked
	T. 21 N. S. 16 on N.E.
	R. 34 W. S. 21 on S.E.
	S. 20 on S.W. and
	S. 17 on N.W. face, with 3 notches on S. and 4 notches on E. edges
	Land - broken and rolling
	Soil, Sandy 4th rate

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	N. 89° 57' E. on a random line bet. Secs 16 and 21
40.00	Set temp 1/4 Sec. Cor.
80.00	Intersect N. and S. line 14 lks N. of the Cor. of Secs. 15, 16, 21 and 22.
	Thence Trun
	N. 89° 57' W. on a true line bet. Secs 16 and 21
	Ascend along N.E. face high hills
13.00	Top of ascent, thence along N. face over ridges
31.00	Descend NW. face.
40.00	Deposit charred stake 12 ins in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit
	In E. pit drove an Oak Stake 2 ft long 2 ins sq 12 ins. in ground, marked
	1/4 S. on N. face
57.00	Descend along NW. slope.
80.00	The Cor. of Secs. 16, 17, 20 and 21
	Land, Broken
	Soil, Sandy 4th rate.

	S. 0° 1' W. bet Secs. 20 and 21
	Ascend along W. face hills
11.00	Top of ascent 40 ft. above cor. thence over broken ground and ridges along W. foot hills of range
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft high, over deposit.
	In S. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground marked.
	1/4 S. on W. face
78.00	Sand ridge descend.
80.00	Deposit a charred stake 12 ins. in ground for Cor. of Secs. 20, 21, 28 and 29, dug pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft base, 2 ft high, over deposit
	In S.E. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked

Chains	
	T. 21 N.S. 21 on N.E.
	R. 34 W.S. 28 on S.E.
	S. 29 on S.W. and
	S. 20 on N.W. face, with 2 notches on S. and 4 notches on E. edges
	Land broken
	Soil, Sandy 4th rate.
	S 89° 57' E on a random line bet. Secs. 21 and 28
40.00	Set temp. 1/4 sec. cor.
79.98	Intersect N. and S. line 7 links S. of the Cor of Secs. 21, 22, 27 and 28
	Thence Drum
	West on a true line bet. Secs. 21 and 28
	Over level ground in N. edge of plowed land
0.80	N.E. cor. of Cottonwood grove.
11.80	N.W. cor. of Cottonwood grove.
24.80	Leave plowing
25.30	Trail, Course N.E. and S.W. over rolling ground sloping to N.
34.00	Descend - an inclosure containing 2 or 3 graves 1 ch. S.
39.99	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. - dug pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft dist. & raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In E. pit drove an Oak stake 2 ft long 2 ins sq. 12 ins in ground, marked 1/4 S. on N. face
44.00	Dismal River 6 lks. wide flows. N. ascend abruptly
47.54	Wire fence, course N and S.
49.00	Top of ascent on S. slope low hills - thence over broken ground.
79.98	The Cor. of Secs. 20, 21, 28, and 29
	Land level - rolling and broken
	Soil. Sandy 2nd and 4th rate.
	Sept. 15th 1899

Chains	
	S. 0° 1' W. bet. Secs. 28 and 29
	Descend
6.00	Bottom of descent 10 ft. below cor. thence over rolling valley
11.22	Wire fence course E. and W. from pt. 2 ch. W.
24.30	Dry bed. Dismal River. - course N. 80° E.
26.00	Trail, Course N. 80° E.
40.00	Deposit charred stake 12 ins in ground for 1/4 sec. cor. - dug pits. 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist, and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit In S. pit drove an Oak stake 2 ft. long 2 ins sq. 12 ins. in ground, marked 1/4 S. on W. face
44.00	Begin gently ascent N. slope
80.00	Deposit charred stake 12 ins. in ground for Cor of Secs. 28, 29, 32 and 33, dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft high, over deposit In S.E. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins in ground, marked T. 21, N.S. 28 on N.E. R. 34 W. S. 33 on S.E. S. 32 on S.W. and S. 29 on N.W. face with 1 notch on S. and 4 notches on E. edges
	Land, level and rolling
	Soil. Sandy 2nd and 4th rate
	East on a random line bet. Secs. 28 and 33
40.00	Set. temp. 1/4 Sec. Cor.
79.86	Intersect N. and S. line 7 lks. N. of the Cor. of Secs. 27, 28, 33 and 34
	Thence Drum
	N. 89° 57' W, on a true line bet. Secs 28 and 33
	On top hills.
3.00	Descend S. face
35.00	Bottom descent in ravine, thence ascend gently along N. slope hills.

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
39.93	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In E. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on N face
78.00	Top of ascent 40 ft. above 1/4 cor.
79.86	The cor. of secs 28, 29, 32 and 33
	Land rolling and broken
	Soil sandy 4th rate

S. 0° 1' W. on a true line bet secs. 32 and 33

Ascend gradually along N. slope

26.00	Top. of ascent on low range of hills, thence along E. face hills.
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. dug pits. 18 x 18 x 12 ins N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high, over deposit In S. pit, drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground marked 1/4 S. on W. face
41.60	Descend S. slope
63.00	Bottom des^d. it, thence ascend over low hills
77.00	Top of ascent, 50 ft. above valley
78.32	Intersect 5th Standard Parallel at a point N. 84° 40' W., 0.96 chs. dist. from the Standard Cor. of Secs. 32 and 33, where I deposit charred stake 12 ins. in ground for closing cor. of secs. 32 and 33 dug pits 24 x 18 x 12 ins. crosswise on each line N.E. and W. of cor. 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, over deposit. In N. pit drove an Oak Stake 2 ft long, 2 ins. sq 12 ins. in ground marked C.C.T. 21 N. R. 34 on N., S. 33 on E. and S. 32 on W. face with 2 grooves on W. and 4 grooves on E. faces
	Land - Broken
	Soil, Sandy 4th rate. Sept 18th 1899.

Subdivision of T. 21 N., R. 34 W. Continued

Chains	
	S. bet. Secs 5 and 6
	Ascend gradually along N. slope
37.00	Top of ascent, 60 ft. above cor. on W. face ridge
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 in. N. and S. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit. In S. pit, drove a Cedar Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked 1/4 S. on W. face
54.00	Descend abruptly
70.80	Bottom of descent, at trail, course E. and W.
	Ascend gradually
80.00	Deposit charred stake 12 ins. in ground for Cor of Secs. 5, 6, 7 and 8, dug pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of earth 4 ft. base, 2 ft high over deposit. In S.E. pit drove an Oak stake 2 ft long 2 ins. sq. 12 ins. in ground, marked T. 21 N. S. 5 on N.E. R. 34 W. S. 8 on S.E. S. 7 on S.W. and S. 6 on N.W. faces, with 5 notches on S. and E. edges
	Land broken
	Soil Sandy 4th rate.

East on a random line bet. Secs. 5 and 8

40.00	Set temp 1/4 Sec. Cor.
80.10	Intersect N. and S. line 4 lks N. of Cor. of Secs. 4, 5, 8 and 9,
	Thence Drun
	N. 89° 58' W. on a true line bet. Secs. 5 and 8 along N. face low hills
15.00	Descend gently
40.05	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits. 18 x 18 x 12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over dep

Chains	
	In E. pit. drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground marked 1/4 S. on N. face
47.00	Bottom of descent, thence over rolling ground sloping to N.
80.10	The cor. of Secs. 5, 6, 7 and 8
	Land, rolling and broken
	Soil Sandy 2nd and 4th rate.

	West on random line bet. Secs. 6 and 7
40.00	Set temp. 1/4 Sec. Cor.
79.20	Intersect W. bdry Tp 6 lks. S. of the Cor of Secs 1, 6, 7 and 12
	Thence Trun
	S. 89° 57' E on a true line bet. Secs 6 and 7
	Over broken hills
32.70	Descend abrupt S.E. slope
39.20	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor, dug pits 18 x 18 x 12 ins. E and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high over deposit.
	In E. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked, 1/4 S on N. face
42.10	Old trail bears N. 60° E. ascending N.W. slope
54.00	Top. of ascent 50 ft. - thence along N. face hills
71.00	Descend gently
79.20	The Cor. of Secs. 5, 6, 7 and 8
	Land Broken
	Soil Sandy 4th rate

	South bet. Secs 7 and 8
	Ascend N. slope gradually
25.56	Top of ascent 75 ft, thence over broken ground
32.00	Descend over broken ground
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist. and raised a mound of earth.

Chains	
	3 1/2 ft. base, 1 1/2 ft. high, over deposit
	In S. pit, drove an Oak Stake 2 ft. long 2 ins sq. 12 ins in ground, marked 1/4 S. on W. face
70.00	Bottom descent in Valley E. and W.
75.00	Ascend gradually N.E. slope
80.00	Deposit charred stake 12 ins. in ground for Cor of Secs. 7, 8, 17 and 18, dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raised a mound of earth 4 ft base 2 ft high over deposit.
	In S.E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground marked T. 21. N.S. 8 on N.E., R. 34 W.S. 17 on S.E. S. 18 on S.W. and S. 7 on N.W. face, with 4 notches on S. and 5 notches on E. edge.
	Land broken
	Soil Sandy 4th rate.

	S. 89° 58 E. on a random line bet. secs. 8 and 17
40.00	Set temp. 1/4 Sec. Cor.
80.12	Intersect N and S. line. 16 lks. N. of Cor. of Secs. 8, 9, 16 and 17
	Thence Trun
	N. 89° 5' W. on a true line bet. secs. 8 and 17
	Along N. face ranges.
19.00	Descend along N.W. slope
40.06	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high over deposit.
	In E. pit drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground marked 1/4 S. on N. face
55.00	Bottom of Descent, ascend gently, over rolling foot hills.
80.12	The cor. of Secs. 7, 8, 17 and 18
	Land. Broken
	Soil. Sandy 4th rate.

Subdivision of T. 21 N., R. 34 W. Continued

Chains	
	N. 89°57' W. on a random line bet. Secs. 7 and 18
40.00	Set temp ¼ Sec. Cor.
79.04	Intersect W. bdry of Tp. 14 lks. N. of Cor. of Secs. 7, 12, 13 and 18
	Thence Trav
	N. 89°57 E. on a true line bet. Secs. 7 and 18
	Ascend N.W. face hills.
14.00	Ridge. N and S. descend.
25.00	Bottom descent, thence ascend over broken ground sloping to S.W.
39.04	Deposit charred stake 12 ins. in ground for ¼ Sec. Cor. dug 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 drove an Oak Stake 2 ft. long, 2 ins. sq. 12 ins. in ground, marked. ¼ S. on N. face
54.40	Descend S.E. slope
61.00	Bottom descent. thence along N. slope, low hills
79.04	The Cor. of Secs. 7, 8, 17 and 18.
	Land, Broken
	Soil, Sandy 4th rate.

	South between Secs. 17 and 18.
	Ascend gradually, N. slope
39.00	Top of ascent 100 ft. above valley - on E. face ridge
40.00	Deposit charred stake 12 ins. in ground for ¼ Sec Cor. - dug pits 18 x 18 x 12 ins. N and S. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit In S. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins in ground, marked ¼ S. on W. face
55.00	Descend abruptly along S.E. slope
65.00	Bottom of descent, thence over rolling valley
80.00	Set an Oak Post 3 ft. long 4 in sq. with a charred stake 24 ins. in ground for Cor of Secs 17, 18, 19 and 20 marked T. 21 N. S. 17 on N.E.,

Subdivision of T. 21 N., R. 34 W. Continued

Chains	
	R. 34 W. 2, 20 on S.E.,
	S. 19 on S.W. and
	S. 18 on N.W. face, with 3 notches on S. and 5 notches on E. edge - dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 4 ft. base, 2 ft high. W. of Cor.
	Land, level and broken
	Soil, Sandy 4th rate.

	S. 89°51' E on a random line bet. Secs. 17 and 20
40.00	Set temp. ¼ Sec. Cor.
80.10	Intersect N. and S. line at the Cor. of Secs. 16, 17 20 and 21.
	Thence Trav
	N. 89°51' W. on a true line bet. Secs. 17 and 20.
	Over low foot hills
8.00	Descend
24.40	Trail, Course N. 70° E.
28.00	Enter rolling valley
40.05	Deposit charred stake 12 ins. in ground for ¼ Sec. Cor. dug pits 18 x 18 x 12 in. 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 drove an Oak Stake 2 ft. long 2 ins. sq. 12 ins. in ground, marked ¼ S. on N. face
50.00	Trail, course N.E. and S.W.
80.10	The Cor. of Secs. 17, 18, 19 and 20
	Land, level and broken
	Soil, Sandy 4th rate

	S. 89°57 W. on a random line bet. Secs. 18 and 19
40.00	Set temp. ¼ Sec Cor.
78.96	Intersect W. bdry of Tp. 34 lks. N. of Cor of Secs 13, 18, 19 and 24
	Thence Trav.
	N. 89°42 E. on a true line bet. Secs. 18 and 19
	Over rolling valley - land.

Chains.	
	Ascending along S.W. slope - over broken ground
38.96	Deposit charred stake 12 ins in ground for 1/4 Sec Cor. - dug pits. 18 x 18 x 12 ins. E and W of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high over deposit
	In E. pit drove an Oak Stake 2 ft. long 2 ins sq 12 ins. in ground, marked 1/4 S. on N. face
42.00	Top of ascent 100 ft. on S. face range.
55.00	Descend abruptly S.E. slope
61.00	Bottom descent, over level ground.
78.96	The Cor of Secs. 17, 18, 19 and 20
	Land, level and broken.
	Soil, Sandy 4th rate.
	Sept. 16 1899

Chains.	
	South bet. Secs. 19 and 20
	Over rolling Valley
7.80	Trail, S 80° W. Ascend gradually
40.00	Deposit charred stake 12 ins. in ground for 1/4 Sec Cor. - dug pits 18 x 18 x 12 ins N and S. of Cor. 4 ft dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit.
	In S. pit drove a cedar stake 2 ft. long 2 ins sq. 12 ins. in ground, marked 1/4 S. on W. face
47.00	Top of ascent 75 ft. on W. face hills
61.50	Ridge, course E. and W. descend over broken ground
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs. 19, 20, 29 and 30 - dug pits 18 x 18 x 12 ins in each sec. 4 ft. dist. and raised a mound of earth 4 ft base 2 ft high, over deposit
	In S.E. pit drove an Oak Stake 2 ft long 2 ins. sq. 12 ins. in ground marked T. 21 N. S. 20 on N.E. R. 34 W. S 29 on S.E. S. 30 on S.W. and S. 19 on N.W. face, with 2 notches on S. and

Chains	
	5 notches on E. edge
	Land, level and broken
	Soil, Sandy 4th rate

	S 89° 51' E on a random line bet. Secs. 20 and 29
40.00	Set temp. 1/4 Sec Cor.
80.28	Intersect N. and S. line 25 lks S. of the Cor of Secs 20, 21, 28 and 29
	Thence I run
	S 89° 58' W. on a true line bet. Secs. 20 and 29
	Over low sand bluffs along S.E. face range,
	Descending gently
25.00	Bottom descent - Thence ascend over ridges
40.14	Deposit charred stake 12 ins, in ground for 1/4 Sec. cor. - dug pits 18 x 18 x 12 ins. E. and N. of Cor. 4 ft. dist and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit
	In E. pit drove a cedar stake 2 ft. long 2 ins. sq. 12 ins in ground - marked 1/4 S. on N. face
51.00	Top of ascent, Thence along face hills over ridges and broken ground
80.28	The Cor. of Secs. 19, 20, 29 and 30
	Land - broken
	Soil - Sandy 4th rate.

	S 89° 42' W on a random line bet. Secs 19 and 30
40.00	Set temp. 1/4 Sec. Cor.
78.88	Intersect W. bdry of Tp. 30 lks S. of the cor. of Secs. 19, 24, 25 and 30
	Thence I run
	N. 89° 55' E on a true line bet secs. 19 and 30.
	Over low hills
18.00	Descend along N.E. slope
29.00	Bottom descent, in neck of valley extending to north
37.30	Trail, Course N.W. and S.E.
38.88	Deposit charred stake 12 ins. in ground for

Chains	
	1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high, over deposit In E. pit drove an Oak Stake 2 ft long, 2 ins sq, 12 ins in ground, marked 1/4 S. on N. face
49.00	Ascend along S.W. slope
61.00	Top of ascent of face ridge, thence over ridges
78.00	Descend from ridge
78.88	The Cor of Secs. 19, 20, 29 and 30
	Land rolling and broken
	Soil Sandy 4th rate
	S. bet. Secs. 29 and 30
	Descend S. slope over broken ground
15.00	Trail, course E. and W.
20.00	Bottom descent, thence ascend over low sand bluffs
39.00	Top of ascent, thence over sand bluffs and ridges
40.00	Deposit charred stake 12 ins in ground for 1/4 sec. cor. - dug pits 18 x 18 x 12 ins N. and S. of cor. 4 ft dist. and raised mound of earth 3 1/2 ft base 1 1/2 ft high, over deposit In S. pit, drove a Cedar stake 2 ft long 2 ins. sq 12 ins. in ground, marked 1/4 S. on N. face
41.00	Descends
70.00	Enter rolling valley land
71.00	Slough 1 ch. wide course N.W. and S.E.
80.00	Deposit charred stake 12 ins. in ground for Cor. of Secs 29, 30, 31 and 32, dug pits 18 x 18 x 12 ins. in each sec. 4 ft. dist and raised a mound of earth 4 ft. base 2 ft high over deposit. In S.E. pit drove an Oak stake 2 ft long 2 ins sq. 12 ins. in. ground. marked T. 21 N. S. 29 on N.E. R. 34 W. S. 32 on S.E. S. 31 on S.W. and S. 30 on N.W. face with 1 notch on and 5

Chains	
	notches on E edges Land level and broken Soil, Sandy 2nd and 4th rate Sept 18th 1899
	N. 89° 58' E. on a random line bet. Secs. 29 and 32
40.00	Set temp 1/4 sec. cor.
80.26	Intersect N. and S. line 14 lks N of the Cor. of Secs 28, 29, 32 and 33
	Thence I run
	N. 89° 56' W. on a true line bet. Secs. 29 and 32
	Ascend along N.E. slope hills
37.00	Top of ascent 50 ft, thence descend along W. face over broken ground.
40.13	Deposit charred stake 12 ins. in ground for 1/4 Sec. Cor - dug pits 18 x 18 x 12 ins E. and W. of Cor 4 ft. dist. and raised a mound of earth 3 1/2 ft base 1 1/2 ft high over deposit In E. pit, drove a Cedar Stake 2 ft long 2 ins. sq. 12 ins. in ground marked 1/4 S. on N. face
49.11	Wire fence - course N. and S.
58.00	Descend W. slope low hills.
59.06	Trail - course N.E. and S.W.
62.00	Bottom descent, thence over rolling valley land
66.86	Wire fence - course N.E. and S.W.
80.26	The cor. of Secs. 29, 30, 31 and 32
	Land level and broken
	Soil Sandy 2nd and 4th rate
	S 89° 55' W. on a random line bet. Sec. 30 and 31
40.00	Set temp 1/4 Sec. Cor
78.64	Intersect W. bdry of Tp. 32 lks. N of the Cor of Secs 25, 30, 31 and 32
	Thence I run
	N. 89° 41' E. on a true line bet Secs. 30 and 31
	Ascend gently

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	Top of ascent 40 ft. above cor. thence descend gently
12.00	Deposit charred stake 12 ins in ground for
38.64	1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins. E. and W of
	Cor. 4 ft. dist and raised a mound of earth
	3 1/2 ft. base 1 1/2 ft. high over deposit
	In E. pit, drove a cedar stake 2 ft long 2 ins.
	sq 12 ins. in ground marked
	1/4 S. on N. face
	Bottom descent in alkali basin.
48.00	W. edge alkali lake - I offset to N 5 chs
50.38	to N. edge lake - from thence I run
	N. 89°40' E. 16.24 chs. or
	Offset to S. 5 chs to E. edge lake thence I run
66.62	N. 89°41' E. over rolling valley
	The cor. of Secs. 29, 30, 31 and 32
78.64	Land, level and rolling
	Soil, Sandy and Alkali 2nd and 4th rate

	South bet. Secs. 31 and 32
	Over level land
	Wire fence - course E and W.
8.53	Ascend gently over rolling ground
10.00	Trail, Course N.E. and S.W.
21.80	Deposit charred stake 12 ins. in ground for
40.00	1/4 Sec. Cor. - dug pits 18 x 18 x 12 ins N and S. of
	Cor. 4 ft dist. and raised a mound of earth
	3 1/2 ft base 1 1/2 ft. high, over deposit
	In S. pit, drove an Oak Stake 2 ft long
	2 ins. sq. 12 ins in ground marked
	1/4 C. on W. face.
	Top of ascent 50 ft. thence over low hills
40.30	Intersect 5th Standard Parallel at a point N
77.38	89°27' W., 1.41 chs. dist. from Standard Corner
	of Sec 31 and 32, where I deposit charred
	stake in ground for closing cor. of Secs.
	31 and 32 - dug pits 24 x 18 x 12 ins crosswise
	on each line, N, E, and W. of Cor. 4 ft dist.
	and raised a mound of earth 4 ft base
	2 ft. high over deposit.

Subdivision of T. 21 N. R. 34 W. Continued

Chains	
	In N. pit drove an Oak Stake 2 ft long
	2 ins. sq. 12 ins. in ground, marked
	C.C. T. 21 N. R. 34 W on N.,
	S. 32 on E and
	S. 31 on W. faces, with 5 grooves on E and
	1 groove on W. sides.
	Land level, rolling and broken
	Soil, Sandy and alkali 2nd and 4th rate.

Sec. 37

Survey of T.C. Claim of
Chauncey Tucker.

Secs. 21 and 28 - 160 acres.

The original 1/4 Sec. Cor bet secs. 21 and 28 being shown as NW. cor of claim, - which is a cedar post in mound and brass N. 59°18' W., 1.42 chs. from 1/4 Sec. cor. bet Secs 21 and 28 - Latitude 72 lks, departure 1.22 lks.

From this cor. I run
East along N. bdry on a random line

40.28	Intersect N. and S. line 12 lks. S. of original
	Cor of Secs. 21, 22, 27 and 28 - The true
	bearing of N. bdry will therefore be S. 89°55' W. -
	and Latitude 12 lks. Departure 40.28

The claim containing 1600 sq. chs and the length being 40.28 chs. the width will be 1600 ÷ 40.28 = 39.72 ch. being average width of claim, as latitude is 12 lks. The east boundary of claim will be 39.72 + .06 = 39.78 and W. bdry will be 39.72 - .06 = 39.66

I deposit charred stake in original N.E. Cor of Sec. 28 - dig pits 18 x 18 x 12 ins. S and W. of Cor 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high. over deposit.

In S. pit, drove an Oak Stake 2 ft. long 2 ins sq. 12 ins. in ground, marked
C.T. on SW. face
S. 89°55' W. along N. bdry of Claim
Over level ground

Subdivision of T. 21 N. R. 34 W., Continued

Chains	
24.00	Trail, Course N. 80° E
27.00	Descend gently over rolling ground sloping to N.W.
40.28	The original N.W. cor. of claim
	Land level and rolling
	Soil Sandy 2nd rate

South along W. bdry
Over rolling ground sloping W.

7.25	Dismal River 5 lks. wide, flows N.W.
11.75	Dismal River 5 lks. wide flows N.E.
14.00	Trail, Course E. and W. ascend gently over rolling ground
16.00	Top of ascent 30 ft. above river - Tuckers House bears N. 59° E., about 10 ch. dist. - thence over rolling ground
20.50	Wire fence runs E. from pt. 50 lks. W.
39.66	Set temp. S.W. cor. of claim
	Land rolling
	Soil Sandy 2nd and 4th rate.

S. along E. bdry of Claim
Over rolling Valley land

39.78	Deposit charred stake 12 ins. in ground for the S.E. cor. of Claim - dug pits 18 x 18 x 12 ins N. and W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft base 1½ ft high over deposit
	In N. pit, drove an Oak Stake 2 ft. long 2 ins sq. 12 ins. in ground, marked C.T. on N.W. face
	Land level
	Soil Sandy 2nd and 3rd rate

West along S. bdry
Ascend gently over rolling ground

8.00	Top of ascent, thence along N. slope low hills.
10.97	Wire fence runs N. from pt. 1 ch. S.

Subdivisions of T. 21 N. R. 34 W. Concluded

Chains	
31.00	Descend gently
40.28	The S.W. Temp. cor of claim. Deposit charred stake 12 ins in ground for S.W. Cor. of Claim dug pits 18 x 18 x 12 ins. N and E. of Cor. 4 ft dist, and raised a mound of earth 3½ ft. base 1½ ft high, over deposit
	In N. pit. drove an Oak stake 2 ft long 2 ins. sq. 12 ins. in ground Marked C.T. on N.E. face —
	Land rolling
	Soil Sandy 3rd rate.

Sept. 19" 1899

General Description

The greater portion of this Tp. is very rough and broken. Consisting of irregular ranges of hills with narrow basin like valleys between ranges - with the exception - the river bottom through Secs. 21, 28 and 29 where there is level land suitable farming in favorable seasons.

The S. fork of the Dismal River flows through this Township and is fed mostly from springs. - The Alkali Basins in Secs 30 and 31 and Cody Lake in Sec 3, are nearly stagnant bodies of water over flowing only in wet times, into dry bed of Dismal. Vegetation consists of sand grass, with small growth of grass that can be cut for hay along river bottom

The Timber Claim # 13079 of Seymour L. Riddle was not surveyed as no old corners was found and there being no representation on ground to point out lines

Willard W. Alt.
U. S. Surveyor.

Sept. 19th 1899.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

.....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

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

.....

.....

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

..... meridian, ... of ....., which are represented

the foregoing field notes as having been surveyed by him and under his direction; and that said survey

s been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the

mer monuments established, according to the instructions furnished by the United States Surveyor

neral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

ribed and sworn to before me this .....

y of ....., 189

SEAL

.....

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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

.....

.....

.....

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

..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....

United States Deputy Surveyor.

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

SEAL

APPROVAL.

General Land OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~,

Wash. D.C. June 30, 1900, ~~189~~

The foregoing field notes of the survey of Subdivision and Claim Lines of Township No 21 North, Range 34 West.

executed by Willard W. Alt, U.S. Surveyor under his contract No. —, dated April 17, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Bruce Hermann

~~United States Surveyor General.~~

Commissioner and Ex Officio Surveyor General for Nebraska

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

.....

United States Surveyor General.

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General Land Office • Original Field Notes

Book Number

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W.W. Alt Subdivision of T 21 N - R 34W

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.