General Land Office • Original Field Notes

Book Number

775

W.W. Alt - East & North boundaries T 21 & 22 N, R 38 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.

Received with letter from N. S. Dixon D.S. dated Nov. 5. 1895 — 114432/1895 Ok
Retransmitted " " " " " " July 11 1896 — 76[illegible]/1896 Ok
Ok

(4—679.)

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Exteriors

Exteriors

FIELD NOTES

OF THE SURVEY OF

The East and North Bdys. of Tps 21 & 22 N. Range 38 W., ~~and of Tps 23 N. Ranges 35 & 36 W. and the East Bdys. of Ts. 24 N., Rs. 35 & 36 W.~~

Of the Sixth Principal Meridian,

in the State of Nebraska.

AS SURVEYED BY

N. S. Dixon, U. S. Deputy Surveyor,

Under his Contract ~~No.~~ _____, dated Dec. 22 1894

Survey commenced May [illegible], 1895.

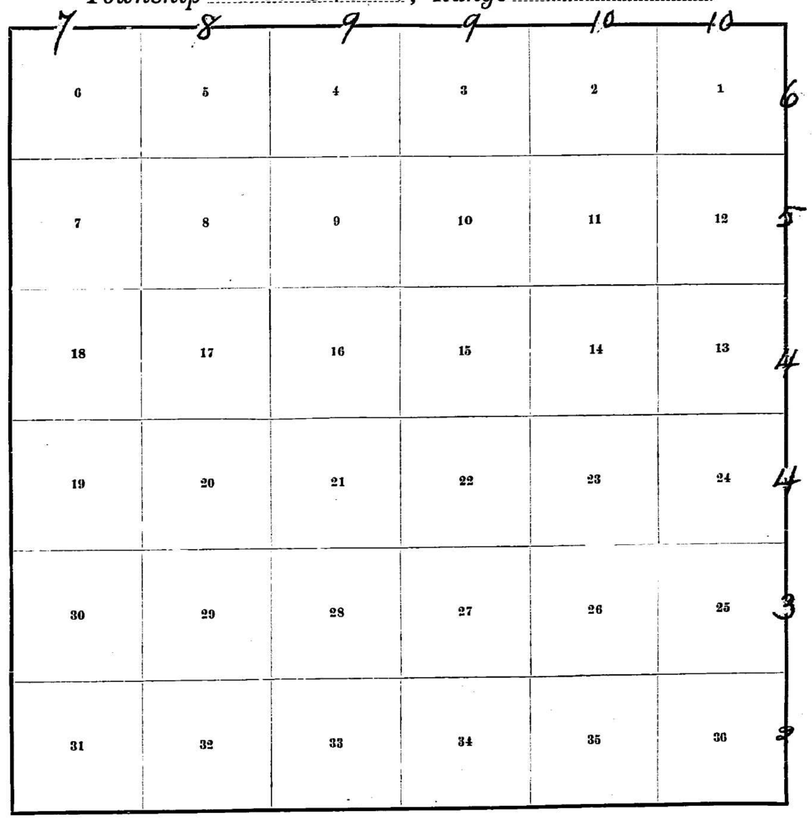
Survey completed August 22, 1895.

Names and Duties of Assistants.

William Schraeder, Chainman
W. W. Angelo, "
Ralph Witt, "
C. E. Whitaker, Axeman.
E. T. Lane, "
W. H. Hutchings, "

INDEX DIAGRAM.

Township 21 North, Range 38 West.



Meanders Page

Preliminary Oaths of Assistants.

WE, William Schraeder and Ralph Witt

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain over even and uneven ground, and plumb the tally-pins either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us in the survey of the east and north boundaries of townships 21 & 22 north, range 38 West and of Tps. 23 N. ranges 35 & 36 West and the east boundaries of townships 24 N. ranges 35 and 36 W. of the 6th P.M. in Nebraska

William Schraeder, Chainman.
Ralph Witt, Chainman.
, Chainman.
, Chainman

Subscribed and sworn to before me this fourth day of May A.D., 1895.

Noble A. Dixon
U.S. Surveyor

WE, C. E. Whitaker and W. H. Hutchings

do solemnly swear that we will well and truly perform the duties of axemen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the east and north boundaries of Tps 21 and 22 North range 38 W. and of Tps. 23 N. ranges 35 and 36 W. and the east boundaries of townships 24 N. ranges 35 and 36 W. of the 6th P.M. in Nebraska

Subscribed and sworn to before me this fourth day of May A.D., 1895.

C. E. Whitaker, Axeman.
W. H. Hutchings, Axeman.

Noble A. Dixon
U.S. Surveyor

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INDEX DIAGRAM.

Township 22 North, Range 38 West

17	18	19	19	20	20	
6	5	4	3	2	1	15
7	8	9	10	11	12	15
18	17	16	15	14	13	14
19	20	21	22	23	24	13
30	29	28	27	26	25	13
31	32	33	34	35	36	12

Meanders Page

6—151

Preliminary Oaths of Assistants.

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

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.....

.....

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman*

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

.....

.....

WE, ...

.....

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

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.....

.....

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

..... , *Axeman.*

..... , *Axeman.*

.....

.....

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E. Bdy. of T. 21 N., R. 38 W., 6th P.M.

1/78

Chains	
	May 6 1895, at the Standard Corner of T. 21 N., R. 37 & 38 W., I observe Polaris, at 5h 08m A.M. by my watch, which is 45m fast of l.m.t. and mark a point on the line thus determined by a nail driven in a wooden plug set in the ground 5 lks N. of my station.
	I set off the azimuth of Polaris, 1°42' West. and note the magnetic bearing of the meridian. N 12°40' W. at 9h 00m. central standard time, which reduced to the mean declination of the day by Table G. in the Manual. gives the Mean Declination 12°35'8.
	From the above mentioned corner. I run S. 89°55' W. along the S. side of sec 36. at 40.06 chains fall 1 lk S. of the ¼ cor on S. side of sec 36. & at 80.20 chs. intersect the cor of secs 35 & 36, T. 21 N., R. 38 W. Therefore, the bearing of this mile differs 10' of arc from that furnished me by the Commissioner of the General Land Office. and my chaining is shorter than Mr Alt's by about 20 lks per mile.
	My chain is 66.02 ft in length.

E. Bdy T. 21 N., R 38 W.

Chains.

Survey begun May 6th 1895 & executed with an Engineers Transit No 3 II, of W & L. E. Gurley. From the standard cor of T. 21 N. Rs 37 & 38 W. which is a post, mkd & witnessed as described by The Commissioner of The General Land Office. I run

North: betn secs 31 & 36.

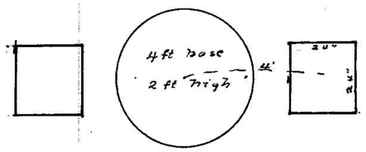
descend moderately.

13.00 To foot of steep hill, bears E & W. ascend abruptly.

18.00 Top of bluff, & over chop-hills.

40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high. over deposit. In S pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd ¼ S, on West face.

Note:— All my ¼ sec cors. have pits 24 x 24 x 12 ins & mounds 4 ft base 2 ft high, as indicated in the marginal diagram. except the ¼ sec cor betn secs 1 & 6. T. 21 N., Rs. 37 & 38 W. which has pits 18 x 18 x 12 ins & mounds 3½ ft base 1½ ft high. I considered the mound described in the Manual too small for sandy ground consequently, enlarged the pits for the purpose of increasing the mound to the dimensions given in the description.



75.00 To foot of hill & cross dry valley. bears E & W.

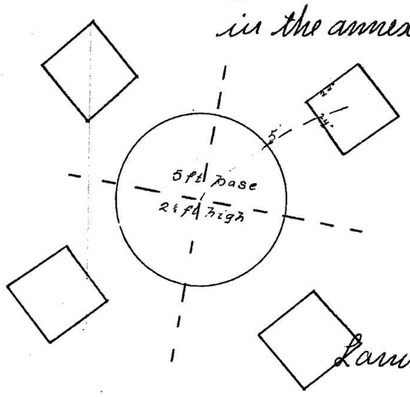
80.00 Deposit a brick 12 ins in the ground for cor of secs 25. 30. 31. & 36. dig pits 24 x 24 x 12 ins in each sec 5 ft dist & raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd

T 21 N S 30. on NE.
R 37 W S 31. on SE.
S 36. on SW and
R 38 W S 25. on NW faces with 1 notch on S & 5 on Nedges.

E. Bdy of T. 21 N., R 38 W.

Chains

Note:— All deposit sec cors. have pits 24 x 24 x 12 ins & mounds 5 ft base 2½ ft high. as shown in the annexed marginal diagram.



considering the mound described in the Manual too small for durability I enlarged the pits for the purpose of increasing the mound to the dimensions given in the description.

Land. broken prairie.

Soil. sandy: 3rd rate.

North. betn secs 25 & 30

8.00 To foot of hill. bears E & W.; ascend.

18.60 Top of hill. & over chop-hills.

40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit. drive an oak stake 2 ft long. 2 ins square 12 ins in the ground, mkd ¼ S., on W. face.

52.00 Bottom of hill. & cross dry bottom land. bears E & W.

74.00 To foot of hill. bears E & W., ascend.

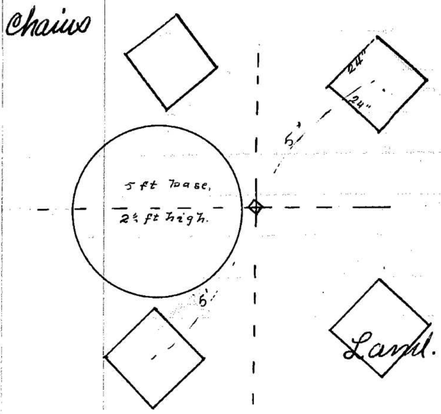
80.00 Set an oak post 3 ft long. 3 x 4 ins with a brick 24 ins. in the ground for cor of secs 19. 24. 25 & 30. mkd

T 21 N S 19. on NE.
R 37 W S 30. on SE.
S 25. on SW. and
R 38 W S 24. on NW faces. with 2 notches on S & 4 on Nedges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist & raise a mound of earth 5 ft base 2½ ft high West of corner.

Note:— All my post sec cors have pits 24 x 24 x 12 ins & mounds 5 ft base 2½ ft high. arranged as indicated in the annexed marginal diagram. The mounds described in Manual were considered too small for durability & consequently I enlarged the pits for the purpose of increasing the mound to the dimensions given

E. Bdy. T. 21 N., R. 38 W. 6th P. M.

Chains



in the description + the pits betn which the mound is placed are nearer the meridian through cor than the other two; but same dist from cor, in order to make room for the large mound.

Land. broken prairie.
Soil. sandy: 3rd rate.

North: betn secs 19 + 24.
over broken ground.

14.00 Top of hill: descend.
33.00 Pass. 60 ft wide, bears NW + SE.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. N + S of cor 4 ft dist + raise a mound of earth 4 ft base 2 ft high over deposit. In S pit. drive an oak stake 2 ft long. 2 ins square. 12 ins in the ground mkd ¼ S., on West face.
68.00 To foot of hills; bear E + W. + enter bottom land.
80.00 Deposit a brick 12 ins in the ground for cor of secs 13. 18. 19 + 24. dig pits 24 x 24 x 12 ins in each sec 5 ft dist + raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd

T21N S18. on NE.
R37W S19. on SE.
S24. on SW, and.
R38W S13. on NW faces. with 3 notches on N + S edges.

Land. first 68 chs. broken prairie: 3rd rate
balance, level bottom: 2nd rate.

North. betn secs 13 + 18.
over level bottom.

2.60 Wire fence; W. H. Rothwell's corral, bears E + W.
4.00 Feed racks in corral.
5.00 W. H. Rothwell's sod house bears E. 1.80 chs dist.

E. Bdy. T. 21 N., R. 38 W., 6th P.M.

Chains

6.86 Leave Corral; bears E + W
10.00 Foot of steep hill, bears NE + SW. ascend abruptly 150 feet.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N + S of cor 4 ft dist + raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on West face.
75.00 Summit of ridge; descend gradually.
80.00 Set an oak post 3 ft long. 3 x 4 ins with a brick 24 ins in the ground for the cor of secs 7. 12. 13. + 18 mkd. T21N S7. on NE.
R37W S18. on SE.
S13. on SW. and
R38W. S12. on NW faces. with 4 notches on S + 2 on N edges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist + raise a mound of earth 5 ft base 2½ ft high West of corner.

Land. 1st 10 chs level bottom; soil 2nd rate
balance. broken prairie. Soil 3rd rate.

North. betn secs 7 + 12.
over undulating bottom.

5.00 Pass: at head of dry valley, extends N20E + W.
Thence over low ridge of hills
11.00 To foot of hill; ascend.
30.00 Summit: descend.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N + S of cor 4 ft dist + raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on W. face.
47.00 Trail. in pass: bears E + W.
53.00 Foot of hill; ascend.
73.00 Summit; descend.
80.00 Deposit a brick 12 ins in the ground for cor of secs 1. 6. 7. + 12, dig pits 24 x 24 x 12 ins in each sec. 5 ft dist + raise a mound of earth 5 ft base 2½ ft high, over deposit. In SE pit drive an

E. Bdy of T. 21 N., R. 38 W. 6th P. M.

Chains.

oak stake 2 ft long. 2 ins square 12 ins in the ground.
mkd T 21 N S 6, on NE.
R 37 W S 7. on SE.
S 12. on SW. and
R 38 W S 1. on NW faces. with 5
notches on S & 1 on N edges.
Land. broken prairie.
Soil. sandy: 3rd rate.

North. betn secs 1 & 6.
descend.
20.00 Enter valley; bears E & W.
29.30 Local road. bears E & W.
32.10 Sod school house. Dist. No 3. bears W. 2.16 Chs dist.
34.00 To foot of steep hill; bears E & W; ascend abruptly 150 ft.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 18 x 18 x 12 ins N & S of cor 4 ft dist raise a mound of earth 3½ ft base 1½ ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on West face.
61.20 Summit: descend.
80.00 Set an oak post 3 ft long. 3 x 4 ins. with a brick 24 ins in the ground for cor of To 21 & 22 N., Rs 37 & 38 W. mkd.
T 22 N S 31, on NE.
R 37 W S 6. on SE.
T 21 N S 1. on SW and
R 38 W S 36. on NW faces with 6
notches on each edge. dig pits 24 x 24 x 12 ins on each line. N. E & W. 4 ft & S of post 8 ft dist raise a mound of earth 5 ft base 2½ ft high S of corner.
This corner is in a gully, on N slope of ridge.
Land. broken prairie.
Soil. sandy: 3rd rate.
May 6 1895.

N. Bdy of T. 21 N., R 38 W.

Chains

West on a tangent through Sec 1.
40.00 Set temp ¼ sec cor 0½ lks N. of tangent.
80.00 " " cor of secs 1. 2. 35 & 36. 1 lk N of tangent.

S. 89° 59' W. on tangent through Sec 2.
40.00 Set temp ¼ sec cor 2½ lks N. of tangent.
80.00 " " Cor of secs 2. 3. 34 & 35 3½ lks N of tangent.

S 89° 58' W. on tangent through Sec 3.
40.00 Set temp ¼ sec cor 6 lks N of tangent.
80.00 " " Cor of secs 3. 4. 33 & 34. 8½ lks N of tangent.

S. 89° 58' W. on tangent through Sec 4.
40.00 Set temp ¼ sec cor 11 lks N of tangent.
80.00 " " cor of secs 4. 5. 32 & 33. 14 lks N of tangent.

S 89° 57' W. on tangent through sec 5.
40.00 Set temp ¼ sec cor 18½ lks N. of tangent.
80.00 " " cor of secs 5. 6. 31 & 32. 23 lks N of tangent.

S 89° 56' W. on tangent through sec 6.
40.00 Set temp ¼ sec cor 27½ lks N of tangent.
83.53 Temp Tp cor. 33 lks N of tangent, falls 28 lks N of the cor of To 21 & 22 N. Rs 38 & 39 W.

This falling answers to a correction S. of 4⅔ lks per mile, and the azimuth of the true line from the S. is 89° 58' W.; Therefore From the Cor of To 21 & 22 N. Rs 38 & 39 W. which is a post, 4 ins square, 12 ins above ground marked and
witnessed as described by The Commissioner of The General Land Office. Run
N. 89° 58' E. on true line along S side of sec 31. over chop-hills.
43.53 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on N face

N. Bdy of T. 21 N., R 38 W.

Chains

Thence over chop-hills: descend.
52.53 Foot of descent
59.93 Local road. bears NE & SW.
73.03 " " " N 80° W. & SE.
83.53 Deposit a brick 12 ins in the ground for cor of secs 5. 6. 31. & 32. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd
T 22 N S 32. on NE.
R 38 W S 5. on SE.
T 21 N S 6. on SW. and
S 31. on NW faces. with 1 notch on W & 5 on E edges.
Land. broken prairie.
Soil. sandy: 3rd rate.

N 89° 58' E. betn secs 5 & 32.
descend low foot-hills.
2.00 To foot of descent: ascend.
30.70 Summit of hill 100 feet high: descend abruptly.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd ¼ S, on N face. This cor is near base of hill.; descend.
40.50 Enter level land: the head of Spring Valley.
49.20 Enter plowed field; extends S 7 chs & N 2 chs.
62.20 SW cor of J.W. Cochran's wire fence bears N. 2.07 chs dist. leave plowed field; extends N. 2.46 chs & S. 6.60 chs.
62.37 Local road, bears N & S.
74.77 SE. cor J.W. Cochran's wire fence bears N 1.91 chs dist.
80.00 Set an oak post 3 ft long. 3 x 4 ins. with a brick 24 ins in the ground for cor of secs 4. 5. 32 & 33 mkd
T 22 N S 33. on NE.
R 38 W S 4. on SE.
T 21 N S 5. on SW and
S 32. on NW faces. with 2

N. Bdy. of T. 21 N., R 38 W.

Chains

notches on W & 4 on E edges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high South of cor.
Land. 1st 40 chs very rough hills. balance level.
Soil. sandy: 3rd rate.

N. 89° 58' E. betn secs 4 & 33.
in bottom land; ascend gradually.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd ¼ S, on N face.
Thence over undulating ground in Spring Valley.
73.00 Foot of hills: ascend.
80.00 Deposit a brick 12 ins in the ground for cor of secs 3. 4. 33. & 34.; dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd.
T 22 N S 34. on NE.
R 38 W S 3. on SE.
T 21 N S 4. on SW. and
S 33. on NW faces. with 3 notches on E & W edges.
Land. undulating prairie.
Soil. sandy: 3rd rate.

N. 89° 58' E. betn secs 3 & 34., [illegible]
ascend. over foot hills
18.00 Summit: descend abruptly.
20.00 Reach foot of hill: bears NW & SE.
27.70 Local road. through pass in hills. bears N & SE.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. mkd ¼ S, on N. face.
62.00 Trail, in high pass through hills: bears N. & SE.
74.20 Short gully. bears N & S. - 10 ft deep.

N. Bdy. of T. 21, N., R 38 W.

Chains

80.00 Set an oak post 3 ft long 3x4 ins. with a brick 24 ins in the ground for cor of secs 2. 3. 34. & 35. mkd T 22 N S 35, on NE.
R 38 W S 2, on SE.
T 21 N S 3. on SW. and
S 34. on NW faces. with 4 notches on W & 2 on E edges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist & raise a mound of earth 5 ft base 2½ ft high West of corner.
Land. broken prairie.
Soil. sandy: 3rd rate.

N. 89°58' E. betw secs 2 & 35.
along N slope of hills.

7.10 Old cor. 2. 3. 34 & 35 - bears N. 67 lks. dist.
12.60 S.W. cor. wire fence, bears N. 70 lks dist.
15.51 Sod house on Velma Wrights H.E. Claim, bears N. 11°47' W.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W. of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on N. face.
54.95 Local road; bears NW. & SE.
80.00 Deposit a brick 12 ins in the ground for cor of secs 1. 2. 35. & 36. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE. pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. mkd
T 22 N S 36. on NE.
R 38 W S 1. on SE.
T 21 N S 2. on SW. and
S 35. on NW faces. with 5 notches on W & 1 on E edges.
Land. broken prairie.
Soil, sandy: 3rd rate.

N. 89°58' E. betw secs 1 & 36.
over N. slope of ridge.

30.27 S.E. cor wire fence, bears N. 1.60 chs dist.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor.

Chains

dig pits 24 x 24 x 12 ins. E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S. on N face
80.00 The cor of To 21 & 22 N., Rs 37 & 38 W.
Land. broken prairie.
Soil. sandy: 3rd rate.
May 7 1895.

Boundaries of T. 21 N., R 38 W.

	True bearing.	Distance.	Latitudes. N.	Latitudes. S.	Departures. E.	Departures. W.
5th S. Par.	S. 89°45' W.	483.10		2.10		483.10
W. Bdy.	North.	480.00	480.00			
N. Bdy	N. 89°58' E.	483.50	.28		483.50	
E. Bdy	South.	480.00		480.00		
Convgy.					.65	
	Totals.		480.28	482.10	484.15	483.10

Error in lat. 1.82; in dep. 1.05 Chains

E. Bdy. of T. 22 N., R 38 W. 6th P.M.

Chains

At the cor of Ts 21 & 22 N., Rs. 37 & 38 W., I observe Polaris, on May 21st 1895, at 8h 29m, by my watch which is 46m.6 fast of L.M.t., and fix a point on the line thus determined, on a wooden plug driven in the ground N. of my station.

See deputy's letter 8080/1897 azimuth should be 40 13 — On May 22nd I lay off the azimuth of Polaris 35'¾ to the E., and note the magnetic bearing of the meridian — N. 13°36' W. at 7h 25m A.M. which corrected by Table G. in the manual, gives the mean magnetic declination. 13°27' E.

Thence I run

North; betw secs 31 & 36.
descend moderately.

26.25 Local road. bears E & W.
27.00 Leave hills & enter Spring Valley; bears E & W.
30.00 Edge of swamp, or peat bog.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit, drive an oak stake 2 ft long, 2 ins square 12 ins in the ground. mkd ¼ S., on W. face.
Note: — See E. Bdy. T. 21 N. R 38 W.
This cor falling on shaky ground; at
44.00 on N. edge of bog. I deposit a brick 12 ins in the ground for a witness cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit, drive an oak stake 2 ft long, 2 ins square 12 ins in the ground mkd. WC ¼ S., on West face.
This cor is 4 chs N. of the ¼ sec cor.
Leave swamp & over dry level ground.
50.18 Local road: bears E & W.
53.00 Leave bottom & enter hills; ascend abruptly 150 ft. range lies E & W.
76.00 Summit: descend.
80.00 Deposit a brick 12 ins in the ground for the cor of secs 25. 30. 31. & 36. dig pits 24 x 24 x 12 ins in each sec 5 ft dist & raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak

E. Bdy. of T. 22 N., R. 38 W. 6th P.M.

Chains

stake 2 ft long 2 ins square 12 ins in the ground mkd T 22 N S 30. on NE.
R 37 W S 31. on SE.
S 36. on SW. and
R 38 W S 25. on NW faces. with 1 notch on S & 5 on N edges.
Note: — See E Bdy of T 21 N. R 38 W.
Land: 26 chs level valley, mostly wet. Soil 2nd rate.
balance, broken: Soil 3rd rate.

North, betw secs 25 & 30.
descend.
20.35 Local road. bears NW. & SE.
23.35 Wire fence, bears S. 86½ E & reverse.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground, mkd ¼ S., on West face.
70.40 Local road. bears NW & SE.
78.00 Enter dry valley, bears E & W.
80.00 Set an oak post 3 ft long 3 x 4 ins with a brick 24 ins in the ground for cor of secs 19. 24. 25 & 30 mkd. T 22 N S 19. on NE.
R 37 W S 30. on SE.
S 25. on SW. and
R 38 W S 24. on NW. faces with 2 notches on S & 4 on N edges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist & raise a mound of earth 5 ft base 2½ ft high W. of cor.
Note: — See E. Bdy. T. 21 N. R. 38 W.
Land broken prairie.
Soil. sandy: 3rd rate

North, betw secs 19 & 24.
in narrow valley.
7.00 Leave valley & ascend abruptly 100 feet.
thence over chop-hills.
29.00 Summit: descend.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor

Chains.

dig pits 24 x 24 x 12 ins. N & S of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long, 2 ins square 12 ins in the ground mkd ¼ S, on West face.

57.32 Local road in narrow pass: bears E & W.

60.00 To foot of hill; ascend abruptly.

78.00 Summit of ridge; bears E & W; descend.

80.00 Deposit a brick 12 ins in the ground for cor of secs 13. 18. 19. & 24. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long, 2 ins square 12 ins in the ground mkd.

T22N S 18. on NE.
R37W S 19. on SE.
S 24. on SW. and
R38W S 13. on NW. faces with 3 notches on N. & S. edges.

Land. broken prairie.
Soil: sandy. 3rd rate.

North, betn secs 13 & 18.
over chop-hills: descend.

30.76 Local road, bears E & W.

31.00 Sod house of Thos. Lynch, bears N. 66°55' W.
" " on Thos. Lynch's T.C. Claim, bears N. 77°40' E.

37.00 Enter meadow. bears E & W.

40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on West face.

52.00 Sod house of Thos Lynch bears S. 78° W.
" " on Thos Lynch's T.C. Claim bears S. 58° 10' E.

57.00 Leave meadow & enter hills, ascend abruptly 100 ft.

79.00 Summit: descend.

80.00 Set an oak post 3 ft long 3 x 4 ins with a brick 24 ins in the ground for cor of secs 7. 12. 13. & 18. mkd

T22N S 7. on NE.
R37W S 18. on SE.
S 13. on SW. and
R38W S 12. on NW. faces with

Chains.

4 notches on S. & 2 on N edges. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high West of cor.

Land. 20 chs meadow, 2nd rate.
balance, broken prairie: Sandy. 3rd rate.

North, betn secs 7 & 12.
over chop-hills, descend gradually.

40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground, mkd ¼ S, on W. face.

47.00 Enter dry valley, or pass: bears E & W.

65.00 To foot of hills; ascend.

68.69 SE. cor of wire fence, bears N. 2.12 chs dist.

80.00 Deposit a brick 12 ins in the ground for cor of secs 1. 6. 7. & 12. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd.

T22 N S 6. on NE.
R37W S 7. on SE.
S 12. on SW. and
R38W S 1. on NW faces. with 5 notches on S & 1 on N edges.

Land. broken prairie.
Soil. sandy; 3rd rate.

North, betn secs 1 & 6.
over chop-hills, ascend.

10.00 Summit: descend.

40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins N & S of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on West face.

48.00 Dry valley, bears E & W.

Chains	
57.00	To foot of hill: ascend.
70.62	Wire fence, bears N. 24° E reverse.
80.00	Set an oak post 3 ft long, 3 x 4 ins. with a brick 24 ins in the ground for Cor of Tps. 22 & 23 N. Rs. 37 & 38 W. Mkd. T23NS31, on NE. R37WS6. on SE. T22NS1. on SW. and R38WS36. on NW faces. with 6 notches on each edge. dig pits 24 x 24 x 12 ins. on each line, N. E. & W, 4 ft & S of post 8 ft dist. raise a mound of earth 5 ft base 2½ ft high South of cor. Land. broken prairie. Soil. sandy: 8th rate. May 22nd 1895.

Chains	
	From the Cor of Tps 22 & 23 N. Rs 37 & 38 W. which I established on May 22nd, I run W. West, on a tangent through sec 1
40.00	Set temp ¼ sec cor 0¼ lks N of tangent.
80.00	" " Cor of secs 1.2.35 & 36 1 lk N of tangent.
	S. 89°59' W. on tangent through sec 2.
40.00	Set temp ¼ sec cor. 2½ lks N of tangent.
80.00	" " Sec cor. 3½ lks N of tangent.
	S. 89°58' W. on tangent through sec 3
40.00	Set temp ¼ sec cor. 6 lks N of tangent.
80.00	" " sec cor 8¼ lks N of tangent.
	S. 89°58' W. on tangent through sec 4
40.00	Set temp ¼ sec cor 11 lks N of tangent.
80.00	" " sec cor 14 lks N of tangent.
	S. 89°57' W. on tangent through sec 5.
40.00	Set temp ¼ sec cor 18¼ lks N of tangent.
80.00	" " sec cor 23 lks N of tangent.
	S. 89°56' W. on tangent through sec 6.
40.00	Set temp ¼ sec cor 27¼ lks N of tangent.
82.10	Temp Tp cor. 33 lks N of tangent falls 107 lks S of the cor of Tps 22 & 23 N. Rs 38 & 39 W. Therefore the correction is N. 9 lks per half mile; and the return course is S. 89°52' E.
	From the Cor of Tps 22 & 23 N. Rs 38 & 39 W. which is a post, marked as described by The Commissioner of The General Land Office. I run S 89°52' E on true line betn secs 6 & 31. in swamp.
42.10	Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In S pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on N face.

Chains.

82.10 Deposit a brick 12 ins in the ground for cor of secs 5.6.31.&32. dig pits 24x24x12 ins. in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In S E pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd

T23N S32. on NE.
R38W S 5. on SE.
T22N S 6. on SW. and
S31. on NW faces. with
1 notch on W & 5 on E edges.

Land. swamp or bog. known as the Buckboard. Soil 1st rate.

S. 89°52' E. on true line betn secs 5. & 32.
in swamp, or peat bog.

8.00 Leave swamp rover meadow land.
19.00 Local road. bears NW & S.
20.00 Leave Buckboard Valley, & enter hills.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24x24x12 ins E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on N face.
80.00 Set an oak post 3 ft long 3x4 ins with a brick 24 ins in the ground for cor of secs 4. 5. 32. & 33. mkd

T23N S33. on NE.
R38W S 4. on SE.
T22N S 5. on SW, and
S32. on NW. faces, with
2 notches on W. and 4 on E edges. dig pits 24x24x12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high West of corner.

Land. 1st 20 chs level, 2nd rate.
balance, broken: Soil sandy; 3rd rate.

Chains

S. 89°52' E. on true line betn secs 4 & 33.
8.10 Local road, bears N & S.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24x24x12 ins E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S., on N face.
54.00 Leave hills & cross dry valley.
72.90 Local road, bears N & S.
77.75 " " , bears NW & SE.
78.00 Leave valley. & ascend hills.
80.00 Deposit a brick 12 ins in the ground for cor of secs 3.4.33.& 34. dig pits 24x24x12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In S E pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground, mkd.

T23N S 34. on NE.
R38W S 3. on SE.
T22N S 4. on SW. and
S33. on NW faces, with
3 notches on E & W edges.

Land. broken prairie.
Soil. sandy: 3rd rate.

S. 89°52' E. on true line betn secs 3 & 34.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24x24x12 ins. E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit. drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd ¼ S., on N face.
80.00 Set an oak post 3 ft long 3x4 ins with a brick 24 ins in the ground for cor of secs 2. 3. 34. & 35 mkd.

T23N S 35. on NE.
R38W S 2. on SE.
T22N S 3. on SW. and
S34. on NW faces.

with 4 notches on W. & 2 on E. edges. dig pits 24x24x12 ins in each sec 5 ft dist raise

chains

a mound of earth 5 ft base 2½ ft high West of Cor.
Land. broken prairie.
Soil. sandy: 3rd rate.

S 89° 52' E. on true line betn secs 2 & 35.
18.60 Local road: bears N & S.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins. E & W of cor 4 ft dist raise a mound of earth 4 ft base 2 ft high over deposit. In E pit drive an oak stake 2 ft long. 2 ins square 12 ins in the ground mkd ¼ S., on North face.
77.30 Local road. bears N & S.
80.00 Deposit a brick 12 ins in the ground for cor of secs 1. 2. 35, & 36. dig pits 24 x 24 x 12 ins in each sec 5 ft dist raise a mound of earth 5 ft base 2½ ft high over deposit. In SE pit drive an oak stake 2 ft long 2 ins square 12 ins in the ground. mkd
T 23 N S 36. on NE.
R 38 W S 1. on SE.
T 22 N S 2. on SW. and
S 35. on NW faces with
5 notches on W & 1 on E edges.
Land. broken prairie.
Soil. sandy; 3rd rate.

S 89° 52' E, on true line betn secs 1 & 36.
40.00 Deposit a brick 12 ins in the ground for ¼ sec cor. dig pits 24 x 24 x 12 ins E & W of cor 4 ft dist & raise a mound of earth 4 ft base 2 ft high over deposit. In E pit. drive an oak stake 2 ft long 2 ins square 12 ins in the ground mkd ¼ S, on N face.
80.00 The cor of Tps 22 & 23 N. Rs 37 & 38 W.
Land. broken prairie.
Soil. sandy; 3rd rate.
May 23 1895.

chains.

— Boundaries of T. 22 N., R. 38 W. —

			N.	S.	E.	W.
S. Bdy.	S. 89° 53' W.	483.50		.28		483.50
W. "	North.	480.00	480.00			
N. "	S. 89° 52' E.	482.10		1.10	482.10	
E. "	South.	480		480.00		
Convgcy.					.65	

480.00, 481.38; 482.75, 483.50

Error in lat. 1.38 chs, in dep. .75 chs.

22/99

14/91

~~3. Bdy T. 23 N., R 36 W. 6th PM.~~

23/100

List of Names.

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

Final Oath of Assistants:

We hereby certify that we assisted N. A. Dixon, U. S. Deputy Surveyor, in surveying all those parts or portions of the east and north boundaries of Townships 21 and 22 N. range 38 W. of the 6th P. M. in Nebraska

~~Meridian,~~ ....., as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the ~~U. S. Surveyor General for~~ Commissioner of the General Land Office

Ralph Witt — Chainman
W. H. Hutchings — axeman

Subscribed and sworn to before me this 28 day of June, 1895

SEAL

N. A. Dixon
U. S. Surveyor

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24/101

14/91

Final Oath of U. S. Deputy Surveyor.

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

.....

.....

.....

.....

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

.....
U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the U. S. Surveyor General,

....., *18* .

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

.....

.....

.....

.....

.....

.....executed by

.....

under his Contract No....., dated ....., 18 , having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
U. S. Surveyor General.

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

.....
U. S. Surveyor General.

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25/102

Final Oaths of Deputy Surveyors and their 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 N. S. Dixon
, United States Deputy Surveyor, in surveying all those parts or portions of the East and North boundaries of To. 23 N. Rgs 35 and 36 West and the east boundaries of To. 24 N. Rgs 35 & 36 West of the 6th P.M. in Nebraska
of the ..... base and ..... meridian, of ....., which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor General for~~ Commissioner of the General Land Office

W. W. Angelo, *Chainman.*
....., *Chainman.*
....., *Moundman.*
....., *Moundman.*
E. J. Lane, *Axman.*
....., *Axman.*
....., *Flagman.*

Subscribed and sworn to before me this 4th
day of September, 1895.

SEAL

N. S. Dixon
U. S. Surveyor

14
91

Final Oath of United States Deputy Surveyor.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of instructions 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 ..... base and ..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the 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 *true* field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Surveyor.

Subscribed by said ....., United States Deputy Surveyor, and sworn to before me this ..... day of ....., 189 .

SEAL

.....

APPROVAL.

Office of the United States Surveyor General,

....., 189 .

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

..... executed by

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

.....
United States Surveyor General.

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

.....
United States Surveyor General.

Final Oaths of Deputy Surveyor and his Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by N. A. Dixon, 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 east and north Bdys of T. 21 + 22 N. R. 38 W. and of T. 23 N. Rs. 35 + 36 W. + the east Bdry of T. 24 N. Rs. 35 + 36 W. of the 6th P. Meridian in the state of Nebraska showing the respective capacities in which they acted:

William Schroeder, *Chainman.*
Ralph Witt, *Chainman.*
W. W. Angels, *Moundman.*
....., *Moundman.*
C. E. Whitaker, *Axman.*
E. J. Lane, *Axman.*
W. H. Hutchings, ~~*Flagman.*~~ *Axman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted N. A. Dixon, United States Deputy Surveyor, in surveying all those parts or portions of the east and north boundaries of townships 21 + 22 N. ranges 38 W. and Tps. 23 N. ranges 35 + 36 W. and the east boundaries of townships 24 N. ranges 35 + 36 W. of the Sixth ~~of the~~ ..... base ~~and~~ Principal meridian, in ~~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

William Schroeder, *Chainman.*
C. E. Whitaker, axeman ~~*Chainman.*~~
....., *Moundman.*
....., *Moundman.*
....., *Axman.*
....., *Axman.*
....., *Flagman.*

Subscribed and sworn to before me this 4th day of September, 189 5

SEAL

N. A. Dixon
H. A. Surveyor

6—151

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14
91

L. W. Lundgrens

nal Oath of United States Deputy Surveyor.

101
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..., United States Deputy Surveyor, do
a pursuance of a contract received from Commissioner of the ...,
~~r General for~~ General Land Office ..., bearing date of the
20 ..., f April ..., 1895, 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~~ Commissioner General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the east and north Bdys of Tp. 21 & 22 N. R. 38 W. and T. 23 N. Rs. 35 & 36 W. and the east Bdy of Tps. 24 N. Rs. 35 & 36 W. of the Sixth ... ~~of the~~ ... ~~base and~~ Principal 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.

N. A. Dixon
United States Deputy Surveyor.

Subscribed by said N. A. Dixon, and sworn to before me this 30 day of October, 1895

A. W. Roe
County Judge

SEAL

APPROVAL.

General Land Office ~~of the United States Surveyor General~~,
Washington D.C. January 11, 1897

The foregoing field notes of the survey of
the E. and N. boundaries of Tps. 21 and 22 N., R. 38 W. and of Tps. 23 N., Rs. 35 and 36 W. and the E. bdy's of Ts. 24 N. Rs. 35 and 36 W. of the
Sixth Principal Meridian, State of Nebraska,
executed by N. A. Dixon, U. S. Deputy Surveyor,
under his contract ~~No.~~ ..., dated December 22nd, 1894, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

S. W. Lamoreux
Commissioner and ex officio United States Surveyor General for Nebraska.

I certify that the foregoing transcript of the field notes of the above-described surveys in E. and N. Bdy's, Tps. 21 & 22 N. R. 38 W. and Tps. 23 N. Rs. 35 & 36 W. and the E. bdy's of Ts. 24 N., Rs. 35 & 36 W. has been correctly copied from the original notes on file in this office.

S. W. Lamoreux
Commissioner and ex officio United States Surveyor General for Nebraska.

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General Land Office • Original Field Notes

Book Number

775

W.W. Alt - East & North boundaries T 21 & 22 N, R 38 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.