General Land Office • Original Field Notes

Book Number

775

W.W. Alt - North boundary T 21 N, R 41 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.

"Duplicate" Exp 9-14-1900 RH

OK

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(4—679.)

Received with letter from W. W. Alt, U.S. Surveyor, dated Sept 13, 1896. 98725—'96

FIELD NOTES

OF THE SURVEY OF

North Boundary

of

Township 21 N., Range 41 W.,

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States Deputy Surveyor,

Under his Contract No. ——, dated December 26, 1894

Survey commenced September 8, 1895.

Survey completed September 8, 1895.

(1319—2,500.)

V

Names and Duties of Assistants.

Clarence P. Huggard, Chairman.
Sidney Blout Chairman
James G. Gruver, Flagman
James C. Rosengren, Moundman

INDEX DIAGRAM.

N. boundary

Township 21 . Range 41

			3	2	1
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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 upon 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

.....

....., *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

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Survey of the N. boundary T. 21 N., R. 41 W.

Chains. At the Corner of Tps. 21 and 22 N., Rs. 40 and 41 W., which is, an Oak Post, 4 ft. above ground and 4 ins. square, marked
T. 22 N., S. 31 on N.E.,
R. 40 W., S. 6 on S.E.,
T. 21 N., S. 1 on S.W., and
R. 41 W., S. 36 on N.W. faces, with 6 notches on each edge, with pits 2 × 2 × 12 ins. dug on each line; N.E and W., 4 ft., and S. post 8 ft. dist., and a mound of earth 5 ft. base 2½ ft. high, raised S. of Cor.

September 5. 1895, at 8. 25 local mean time I observe Polaris at Eastern Elongation, in accordance with manual of Instructions, and mark a point on the line thus determined, on a plug driven in ground 5 chs. N. of Cor.

September 8 at 7. AM. I lay off the azimuth of Polaris, 1°41' - to the West and mark the true meridian thus determined by driving tack in Oak stake, driven 5 chs. N. of Cor.

The magnetic bearing of the true meridian at 7. A.M. is N. 13°06' W., the angle thus determined reduced by the table on page 130 of the Manual gives the mean magnetic declination 13°03' E.

Return an angle of 90° from the true meridian to the West. and run

West bet. Secs. 1 and 36
Over level ground

15.00 Begin gentle ascent along N.E. slope.
15.35 Wire fence, course N. 80° W., 80° E.
17.50 Top of ascent 30 ft. high on N. slope low ranges descend gently over ridges.
40.00 Deposit a charred stake, 1/4 link N. of tangent, 1 ins. in the ground for 1/4 Sec. Cor., dug pits 18 × 18 × 12 ins., E and W. of Cor. 4 ft. dist., and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit.
At E. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S on N. face

N. boundary T. 11 N., R. 41 W., Continued

chains	
+50.00	Bottom descent, ascend along N.E. slope
67.00	Top of ascent on N. slope range 50 ft. high, thence along N. slope range over ridges and ravines.
80.00	N. 1 lk. from the tangent, deposit a charred stake 12 ins. in the ground for Cor. of Secs. 1, 2, 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 S.E. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
	T. 11 N., S. 36 on N.E.,
	R. 41 W., S. 1 on S.E.,
	T. 11 N., S. 2 on S.W., and
	S. 35 on N.W. faces, with 1 notch on E., and 5 notches on W. Edges.
	Land level and rolling -- Sand hills.
	Soil Sandy very poor 3rd rate.
	Sand grass and Bunch grass.

West bet. Secs. 2 and 35

Along N. face low ranges.

6.00	Begin descent along N.W. slope over rolling ground
34.00	Bottom descent, in neck of valley, S.E., and N.W.
36.00	Foot of ranges, course N. 60° E., S. 60° W., ascend
40.00	N. 2½ lks. from the tangent, deposit a charred stake 12 ins. in the 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. 1 ins. in the ground, marked
	¼ S. on N. face.
47.70	Top of ascent. 40 ft. above Valley.
47.50	Begin descent along S.W. slope over rolling ground.
56.00	Bottom descent, in ravine or pass, course N. 6° W and S. 60° E., ascend along N.E. slope over foot hills.
68.00	Ridge 70 ft. high, at top of ascent, descend over foot hills, along N. slope
80.00	N. 3½ lks. from the tangent, set an Oak Post 3 ft. long 4 ins. sq. with charred stake 2 ins. in the ground for Cor. of Secs. 2, 3, 34, and 35. marked

N. boundary T. 11 N., R. 41 W., Continued.

chains	
	T. 11 N., S. 35 on N.E.,
	R. 41 W., S. 2 on S.E.,
	T. 11 N., S. 3 on S.W., and
	S. 34 on N.W. faces, with 2 notches on E. and 4 notches on W. edges, 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 rolling and broken.
	Soil Sandy 3rd. rate,
	Sand and Bunch grass.

West bet. Secs. 3 and 34.

Ascend slightly over rolling foot hills.

40.00	N. 6 lks. from the tangent, Deposit a charred stake 12 ins. in the 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
52.00	Begin abrupt ascent along N.E. slope
59.40	Top of ascent 75 ft. high. on ridge N. face of range, descend over broken ground
75.00	Begin slight descent over rolling ground along W. slope
80.00	N. 8¼ lks. from the tangent, Deposit a charred stake 12 ins. in the ground for Cor. of Secs. 3, 4, 33 and 34, 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 the ground, marked.
	T. 11 N., S. 34 on N.E.,
	R. 41 W., S. 3 on S.E.,
	T. 11 N., S. 4 on S.W. and
	S. 33 on N.W. faces, with 3 notches on E. and W. Edges.
	Land, rolling and broken, sand hills.
	Soil Sandy 3rd rate.
	Bunch grass,

Sep. 8 1895.

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N. boundary T. 21 N., R. 41 W. Concluded.

General Description

This line runs over rolling and broken ground along N. slope of range of sand hills, for nearly the whole distance — there is little or no difference in the land to the N. or S. of the line. The soil is nearly all sand, except in the valleys where it is a sandy loam. No timber of any description on any part of the line, and the grass is a peculiar quality, which is only known in a region of similar nature; no water on line. Soil is unfit for cultivation, but very good for grazing purposes —

Willard W. Alt

U.S. Deputy Surveyor

Sept. 8. 1895.

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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 .....

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

..... 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 .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

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

.....

SEAL

.....

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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.

Commissioner of the Genl Land Office

Office of the ~~United States Surveyor General,~~

Washington, D.C. April ....., 1897.

The foregoing field notes of the re survey of the north boundary line of township No 21 North Range No 41 West of the 6th principal Meridian State of Nebraska

..... executed by Willard W. Alt, U.S. Surveyor under his Contract No. ....., dated December 26, 1894, having been critically examined, the necessary corrections and explanations made, the said field notes, and the re surveys they describe, are hereby approved.

Binger 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~~ of the North boundary line of T 21 N. R 41 W, has been correctly copied from the original notes on file in this office.

Binger Hermann
~~United States Surveyor General.~~
Commissioner and ex officio Surveyor General for Nebraska.

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