General Land Office • Original Field Notes

Book Number

775

W.W. Alt - East boundary T 24 N, R 39 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.

219

Duplicate X

22

(4—679.)

220

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

FIELD NOTES

OF THE SURVEY OF

East Boundary

of

Township 24 N., Range 39 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 October 15, 1895.

Survey completed October 15, 1895.

(1319—2,500.)

Names and Duties of Assistants.

Clarence P. Haggard, Chainman
Sidney Bloret, Chainman.
Theodore Neeland, Flagman
James C. Rosengren, Moundman

INDEX DIAGRAM.

East boundary

Township 24 . Range 39 W.

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31	32	33	34	35	36	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

.....

.....

East boundary T. 24 N. R. 39 W.

	Chains	
		At the cor of Tps. 23 & 24 N. Rs. 38 and 39 W. I observe Polaris at eastern elongation, at 7h 10m central standard time. October 6. 1895. and mark the line thus determined by tack in stake firmly driven in the ground 5 chs. N. of corner. Oct. 6, 1895.
		October 15th 1895. at 8h a.m. I lay off the azimuth of Polaris 1°41' to the west, and mark the true meridian thus determined by tack in stake firmly driven in the ground 5 chains N. of cor. The magnetic bearing of the true meridian at 8 am is N. 13°14' W.; the angle thus determined, reduced by the table on page 100 of the Manual, gives the mean mag. decl. of 13°16' E. The range line prolonged from T. 23 N. exactly agrees with the true meridian established as above.
		From the Tp. cor. I run North. bet. secs 31 and 36. Over level land
	0.20	Wire fence; parallel to railroad.
	1.75	Center of track of Burlington and Missouri River railroad; Course N. 80°02' W. S. 80°02' E.
	2.32	Western Union Telegraph line; parallel to railroad.
	3.27	Wire fence, parallel to railroad.
	14.08	Wire fence, runs E. from a point 50 lks. W.
	32.49	Wire fence, " " " " 20 " "
	40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor.; dug pits 18 x 18 x 12 ins; N. & S. of cor 4 ft. diet. 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 the ground marked ¼ S, on W. face.
		Over rolling sandy ground.
	54.00	Foot of range of sand hills. Course S. 60° W. N. 60° E. ascend abruptly along S. E. slope.

E. boundary T. 24 N. R. 39 W. continued.

Chains	
58.00	Top of ascent. 50 ft above valley; thence along E. face of range, which extends to the W.
65.00	Begin descent along N.E. slope.
76.50	Trail to Hyannis. Course N.W. & S.E.; at bottom of descent.
79.33	Wire fence; runs E. from a point 30 lks. W.; thence over level bottom land.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 25. 30. 31. 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 the ground. marked T24N S30. on NE. R38W S31. on SE. S36. on SW. and R39W S25. on NW. faces. with 1 notch on S. and 5 notches on N. edges. Land; level, and broken. Soil, sandy: 1st and 3rd rates. Prairie. sand. and bunch grass.

North, bet. secs. 25 and 30.
Over level land.

40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18 x 18 x 12 ins N. & 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 the ground. marked ¼ S. on W. face. Over level land subject to overflow.
80.00	Set an oak post 3 ft long 4 ins sq. with a charred stake 24 ins in the ground for cor. of secs. 19. 24. 25. and 30.; marked T24N S19. on NE. R38W S30. on SE. S25. on SW. and R39W S24. on NW. faces, with 2 notches on S. and 4

E. boundary T. 24 N. R. 39 W.; continued.

Chains	
	on N. edges. Henry Graves sod house bears N. 49° E. about 10 chs. Land. level. Soil. sandy; 1st rate. Prairie and Slough grass.

North, bet. secs. 19 and 24.
Over level land.

2.77	Trail: Course E. and W.
3.10	Wire fence: Course E. and W. - S. edge corral.
5.46	N. edge corral shed: Course E. & W.
7.57	Wire fence. Course E. and W.: at foot of range of sand hills. Course E. and W.; ascend.
24.00	Top of ascent 75 ft above valley; on top of range Course E. and W.; thence over broken ground.
39.50	Begin descent along N. slope.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec cor.; dug pits 18 x 18 x 12 ins N. & 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 the ground, marked ¼ S. on W. face. Descend over rolling ground.
64.00	Bottom descent. enter dry bed Cane slough, Course E. and W.
78.00	Leave slough; enter rolling ground.
80.00	Deposit a charred stake 12 ins in the ground for cor of secs 13. 18. 19. and 24.; 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 the ground. marked T24N S18. on NE. R38W S19. on SE. S24. on SW. and R39W S13. on NW. faces, with 3 notches on N. and S. edges. Land. level valley, and rolling sand hills. Soil. sandy; 1st and 3rd rates.

E. boundary T. 24 N. R. 39 W. continued.

chains	
	Prairie - bunch and slough grass.
	North bet. secs. 13. and 18.
	Over level land.
5.00	Foot of range of sand hills. Course S. 50° W.; N. 80° E.
	ascend gradually, over broken ground.
25.00	Top of ascent, 50 ft. above valley.
30.00	Begin descent, along NE. slope.
40.00	Deposit a chained stake 12 ins. in the ground
	for ¼ sec. cor.; dug pits 18x18x12 ins. N. & 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 the ground, marked
	¼ S., on W. face.
53.00	Bottom descent in neck of valley; extends to E.
60.00	Ascend along S.E. slope foot hills.
70.00	Top of ascent 40 ft above valley; on E. slope
	foot hills: descend along NE. slope.
77.00	Bottom descent in neck of valley: Course NE. & SW.
80.00	Set an oak post 3 ft long 4 ins sq. with a chained
	stake 24 ins. in the ground for cor of secs 7, 12, 13.
	and 18.; marked
	T 24 N S 7. on NE.
	R 38 W S 18. on SE.
	S 13. on SW. and
	R 39 W S 12. on NW faces, with 4 notches on S.
	and 2 on N. edges; dug pits 18x18x12 ins. in
	each sec. 5½ ft dist. and raised a mound of earth
	4 ft base 2 ft high W. of corner.
	Land. level and rolling.
	Soil. sandy: 1st and 3rd rates.
	Prairie, and bunch grass.
	North, bet. secs. 7 and 12.
	Over level ground.
8.68	Wire fence, Course E. and W.
11.70	Trail; Course N. 70° W.; S. 70° E.

E. boundary T. 24 N. R. 39 W. continued.

chains	
27.00	Enter dry bed of cane slough, of circular form.
36.00	N. edge slough.; enter level ground.
40.00	Deposit a chained stake 12 ins in the ground
	for ¼ sec. cor.; dug pits 18x18x12 ins N. & 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 the ground, marked
	¼ S., on W. face.
40.75	Trail: Course E. and W.; at foot of range of sand
	hills: ascend over broken sand ridges.
48.00	Top of ascent 40 ft above valley; thence over
	low sand bluffs. along S. face of range.
51.00	Trail: course N. 40° E.; S. 40° W.
55.20	Top of range on sand bluff. 30 ft high, and 75
	ft above valley; over broken ground.
61.61	Trail; course N. 30° W.; S. 30° E.
65.00	Pot hole or blowout, 40 ft deep.
70.00	Begin descent along NW. slope, over broken
	ground.
80.00	Deposit a chained stake 12 ins in the ground
	for cor. of secs. 1. 6. 7. and 12.; dug pits 18x18x
	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 the ground. marked
	T 24 N S 6. on NE.
	R 38 W S 7. on SE.
	S 12., on SW. and
	R 39 W S 1. on NW. faces. with 5 notches on S.
	and 1 notch on N. edges.
	Land. level valley. and broken sand hills.
	Soil. sandy: 1st and 3rd rates.
	Prairie, slough and bunch grass.

E. boundary T. 24 N., R. 39 W., continued.

Chains	
	North, bet. secs. 1 and 6.
	Descend over rolling ground
16.00	Enter rolling valley: E. and W.
16.50	Trail to Hyannis; Course N. 50° E.; S. 50° W.
23.30	Trail: Course N. 50° E.: S. 50° W.; at foot of range of sand hills. Course E. & W.; ascend abruptly.
35.00	Top of abrupt ascent. 75 ft above valley; thence ascend along S. face over broken ground.
40.00	Deposit a charred stake 12 ins in the ground for ¼ sec. cor.: dug pits 18 x 15 x 12 ins. N. & 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 the ground, marked ¼ S., on W. face.
44.00	Top of range, 100 ft above valley; course NE. and SW. thence over broken ground.
64.90	Trail: bears NW. and SE.
70.00	Begin descent along N.E. slope.
85.00	Bottom descent; thence over rolling foot-hills.
94.00	Enter rolling valley land, Course NE & SW.
97.87	Intersect the 6th Standard Parallel N.; at a point S. 89° 41' W., 8.27 chs. dist. from ¼ sec. cor. on S. bdy. of sec. 32 T. 25 N., R. 38 W. where I Set an oak post 3 ft long 4 ins sq. with charred stake 24 ins in the ground, for closing cor. T. 24 N., Rs. 38 and 39 W.; marked C C T 24 N. on S. R 38 W S 6. on E. and R 39 W S 1. on W. faces with 6 grooves on S., E., and W. faces.; dug pits 30 x 24 x 12 ins crosswise on each line. E. and W. 4 ft., and S. of post 8 ft dist., and raised a mound of earth 5 ft base 2½ ft high S. of cor.

Land. level valleys and broken sand hills.
Soil. sandy: 1st and 3rd rates.
Prairie and bunch grass.

October 15, 1895.

E. boundary T. 24 N., R. 39 W., concluded.

Boundaries of T. 24 N., R. 39 W.
Latitudes, Departures, and Closing Errors.

Lines designated.	True Bearing.	Distance.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
		chs	chs.	chs.	chs.	chs.
South boundary	S. 89° 52' W	480.50		1.08		480.50
West "	North	506.00	506.00			
N. bdy. 6th Stand. Parallel.	S. 89° 06' E.	480.64		7.54	480.64	
East. boundary	South	497.87		497.87		
Convergency					0.65	
Totals			506.00	506.49	481.29	480.50
				506.00	480.50	
Error in Lat.				.49		
Error in Dep.					0.79	

General Description

This Township consists of a series of ranges of sand hills and narrow valleys, except in the East and North East parts of the township where the valleys are wide, and subject to overflow in the spring. thereby causing a prolific production of good hay.
The vegetation consists of a "bunch" grass on the hills. - No timber of any description in the Township.
Soil, very sandy, and unfit for cultivation but very good for grazing purposes.

Willard W. Alk.
U. S. ~~Deputy~~ Surveyor.

Oct. 15. 1895.

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

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 General Land Office

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

Washington D.C. April 30, 1897.

The foregoing field notes of the re survey of the East boundary line of township No 24 North Range No 39 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 East boundary line of T 24 N, R 39 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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