General Land Office • Original Field Notes

Book Number

772

W.W. Alt - 5th Standard Parallel through T 31 - 32 N

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.

1 Vol. Leather label - pasted on back 3¼" from top.

FIFTH and SIXTH STANDARD PARALLELS - RESURVEY - 1895 - 1896 and 1900.

Received with letter from W. W. Alt, U. S. Surveyor dated Jany 18, 1897. 1897

To be printed on outside of cover 1½ cm from top.
FIFTH STANDARD PARL. RESURVEY OF Through Ranges 31, 32, 33, 34, 35, 36, 37, 38, 39, 40 and 41 W.
SIXTH " " " " 31, 32, 33, 34, 35, 36, 37, 38, 39 and 40 W.

FIELD NOTES

OF THE RESURVEY OF

5th Standard Parallel North

through

Ranges 31 and 32 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 July 17, 1896.

Survey completed July 18, 1896.

6—151

Names and Duties of Assistants.

Sidney Blont, Chainman
Frank H. Drake, Chainman
Fred D. Stratton, Flagman
Albert Niemoth, Moundman

6—151

INDEX.

5th Standard - Range 32 W.

31	32	33	34	35	36
13	12	11	10	9	9

Random Line

5th Standard, Range 31 W.

31	32	33	34	35	36
8	7	6	5	5	4

Random Line

INDEX DIAGRAM.

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

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

Meanders Page .....

6—151

d

Preliminary Oaths of Assistants.

We, Sidney Blout and Frank H Drath do solemnly swear that we will well and faithfully execute the duties of chain~~men~~carrier; 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 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 re survey of The Fifth Standard Parallel North, through Ranges 31 and 32, W of the 6th Principal Meridian, State of Nebraska

Sidney Blout, Chain~~man~~carrier.

Frank H Drath, Chain~~man~~carrier.

Subscribed and sworn to before me this 20th day of June, 1896

Willard W Alt
U. S. Surveyor

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~~, I Albert Niemoth ~~and~~ .....
do solemnly swear that ~~we~~ I 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 re survey of The Fifth Standard Parallel North, through Ranges 31 and 32 W. of the 6th Principal Meridian, State of Nebraska

....., Axman.

Albert Niemoth, Axman.

Subscribed and sworn to before me this 20th day of June, 1896

Willard W Alt
U. S. Surveyor

SEAL

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

....., Flagman.

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

SEAL

6—151

e

I, Fred D. Stratton, 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 Re Survey of the Fifth Standard Parallel North, through Ranges 31 and 32, W. of the 6th Principal Meridian, State of Nebraska.

Fred D Stratton
Flagman

Subscribed and sworn to before me, this 20th day of June A.D. 1896

A survey of the 5th Standard Parallel North, through Ranges 31 and 32 W. in the State of Nebraska.

Chains

July 16, 1896 at 11.42 local mean time I observe Polaris at Eastern Elongation in accordance with manual of instructions at the cor. of T. 21 N., Ranges 32 and 33 W. and mark the line thus determined, by a point in stake driven N. of my station

---

July 17th at 8 a.m. I lay off the Azimuth of Polaris 1° 41' to the W. and mark the true meridian thus determined by a tack in stake firmly driven 5 chains N. of my station
The magnetic bearing of the true meridian at 8 a.m. is N. 17° 45' W., the angle thus determined, reduced by the table on page 100 of the Manual gives the mean mag. decl. 14° 39' E.

I turn an angle of 90° 0' from the above meridian to the East, and run

S. 89° 58' E. on the tangent to the old parallel S. of sec. 31
40.00 N. 1/4 lk. from the tangent, set temp. 1/4 sec. cor.
68.67 The old closing cor. T. 20 N., Rs. 32 and 33 W. which is S. 12 lks. from the random
From this cor. to the old cor. of Tp. 21 N., R. 32 and 33 W. the true bearing of the standard is N. 89° 57' W.
80.00 N. 1 lk. from the tangent, set temp. cor. of secs. 31 and 32

S. 89° 57' E. on the tangent S. of sec. 32
40.00 N. 2 1/2 lks. from the tangent, set temp. 1/4 sec. cor.
80.00 N. 3 1/2 " " " " " " cor. of Secs. 32 and 33

5th Standard Parallel N., Range 32 W.

Chains	
	S. 89° 56' E. on the tangent S. of Sec. 33
40.00	N. 6 lks. from the tangent, set temp. 1/4 sec. cor.
79.33	The old cor. of secs. 33 and 34, which is S. 1 ch. from the random, from this cor. to the old c.c. T. 20 N., R. 32 and 33 W. the true bearing of the Standard is N. 89° 41' W.
80.00	N. 8 1/4 lks. from the tangent, set temp. cor. of secs. 33 and 34
	S. 89° 56' E. on the tangent S. of sec. 34
40.00	N. 11 lks. from the tangent, set temp. 1/4 sec. cor.
79.33	The old cor. of secs. 34 and 35, which is S. 64 lks. from the random. From this cor. to the old cor. of secs. 33 and 34, the true bearing of the Standard is S. 89° 47' W.
80.00	N. 14 lks. from the tangent, set temp. cor. of secs. 34 and 35
	S. 89° 55' E. on the tangent S. of sec. 35
40.00	N. 18 1/4 lks. from the tangent, set temp. 1/4 sec. cor.
80.00	N. 73 " " " " " " cor. of secs. 35 and 36
	S. 89° 54' E. on tangent S. of sec. 36
40.00	N. 27 1/4 lks. from the tangent, set temp. 1/4 sec. cor.
79.07	The old cor. of Tp. 21 N., R. 31 and 32, which is S. 147 lks. from the random. From this cor. to the old cor. of secs. 34 and 35, the true bearing of the Standard is N. 89° 40' W.
80.00	N. 33 lks. from the tangent, set temp. cor. of Tp. 21 N., Range 31 and 32 W. At this point on the tangent, I deflect 9' 17" North, from the tangent, prolonged, and run through

Range 31 W.

Chains	
	N. 89° 57' E. on the tangent S. of sec. 31
40.00	N. 27 1/4 lks. from the tangent set temp. 1/4 sec. cor.

5th Standard Parallel North, through Range 31 W.

Chains	
80.00	N. 73 lks. from the tangent, set temp. cor. of secs. 31 and 32
	N. 89° 58' E. on the tangent S. of sec. 32
40.00	N. 18 1/4 lks. from the tangent, set temp. 1/4 sec. cor.
80.00	N. 14 " " " " " " cor. of secs. 32 and 33
	N. 89° 59' E. on the tangent S. of sec. 33
40.00	N. 11 lks. from the tangent, set temp. 1/4 sec. cor.
80.00	N. 8 1/4 " " " " " " cor. of secs. 33 and 34
	East on the tangent S. of sec. 34
40.00	N. 6 lks. from the tangent set temp. 1/4 sec. cor.
80.00	N. 3 1/2 " " " " " " cor. secs. 34 and 35
	East on the tangent S. of sec. 35
40.00	N. 2 1/2 lks. from the tangent set temp 1/4 sec. cor.
80.00	N. 1 " " " " " " cor. of secs. 35 and 36
	S. 89° 57' E. on the tangent S. of sec. 36
40.00	N. 1/4 lk. from the tangent, set temp. 1/4 sec. cor.
78.72	The old cor. of Tp. 21 N., Range 30 and 31 W. which is S. 114 lks. from the random. From this cor. to the old cor. of Tp. 21 N., Range 31 and 32 W. the true bearing of the Standard is West.
	The old cor. of T. 21 N., R. 30 and 31 W. is a flat mound with pits N., E., and W. and a cedar stake in mound, at which point I set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of Tp. 21 N., Range 30 and 31 W. marked

Chains	
	S.C. T. 21, on N.
	R. 30 W. S. 31 on E. and
	R. 31 W. S. 36 on W. faces, with 6 grooves on N.E.
	and W. faces, dug pits 30x2x12 ins., crosswise
	on each line E. and W. 4 ft. and N. of post 8 ft.
	dist. and raised a mound of earth 5 ft. base
	2½ ft. high N. of cor.
	July 17, 1896
	The old cor. of Tp. 21 N., R. 30 and 31 W. is S.
	114 lks. from the random, and the old cor. of
	Tp. 21 N., R. 31 and 32 is S. 147 lks. from the random,
	therefore the course of the corrected parallel
	is West, and the Southing 2 3/4 lks. per
	half mile, from this Tp. cor. consequently
	I run
	West on S. bdy. of sec. 36
	Over rolling land
16.00	Trail, course N. 30° W. and record
25.00	Begin gradual ascent along N.E. slope
40.00	Deposit a charred stake 12 ins. in the ground
	for Standard 1/4 sec. cor. dug pits 18x18x12 ins.
	E. and W. of cor. 4 ft. dist. and raised a
	mound of earth 3½ ft. base 1½ ft. high
	over deposit
	Sw E. pit drove an oak stake 2 ft. long 2 ins
	sq. 12 ins. in the ground marked
	S.C. 1/4 S. on N.
65.00	Top of ascent, on N. face, low range of hills
	descend gradually
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred
	stake 24 ins. in the ground for Standard cor. of
	Secs. 35 and 36 marked
	S.C. T. 21 N., R. 31 W. on N.
	S. 36 on E. and
	S. 35 on W. faces, with 1 groove on E. and 5 grooves
	on W. faces, dug pits 24x18x12 ins. crosswise
	on each line E. and W. 3 ft. and N. of post 7 ft.

Chains	
	dist. and raised a mound of earth 4 ft.
	base 2 ft. high N. of cor.
	Land, rolling
	Soil, sandy 3rd rate
	West on S. bdy. of Sec. 35
	Over rolling ground, through basin
	like valley
37.00	Ascend over low foot hill
39.50	Top of ascent 40 ft. descend
40.00	Deposit a charred stake 12 ins. in the
	ground for Standard 1/4 Sec. cor. dug
	pits 18x18x12 ins. E. and W. of cor. 4 ft.
	dist. and raised a mound of earth 3½
	ft. base 1½ ft. high over deposit
	Sw E. pit drove an oak stake 2 ft. long
	2 ins. sq. 12 ins. in the ground marked
	S.C. 1/4 S. on W. face
57.00	Bottom of descent, ascend along E. slope
	of range of hills.
78.50	Top of ascent 75 ft. thence over broken
	ground along S. foot hills of range
80.00	Set an oak post 3 ft. long 4 ins sq.
	with a charred stake 24 ins. in the ground
	for Standard cor. of secs. 34 and 35 marked
	S.C. T. 21 N., R. 31 W. on N.
	S. 35 on E. and
	S. 34 on W. faces, with 2 grooves on E.
	and 4 grooves on W. faces, dug pits
	24x18x12 ins. crosswise on each line
	E. and W. 3 ft. and N. of post 7 ft. dist.
	and raised a mound of earth 4 ft.
	base 2 ft. high N. of cor
	Land, rolling and broken
	Soil, sandy 3rd rate
	West on S. bdy. of sec. 34
	Over broken ground along S. face of range

Chains	
	Ascending
6.00	Top of ascent 50 ft. above cor. descend along S. slope
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 Sec. cor. dug pits 18x18x14 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 the ground marked S.C. 1/4 S. on N. face
	Descend gritty over rolling ground
50.00	Bottom of descent, ascend gritty along N.E. slope over foot hills.
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 33 and 34 marked S.C.T. 21 N., R. 31 W. on N. S. 34 on E. and S. 33 on W. faces with 3 grooves on E. and W. faces, dug pits 24x18x12 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor. Land, broken and rolling Soil, sandy 3rd rate

---

	West on S. bdy. of sec. 33 along N. slope low foot hills
73.00	Begin ascent over broken ground along S. slope of range
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x14 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 the ground marked S.C. 1/4 S. on N. face

Chains	
40.50	Top of ascent 70 ft. on S. face of sand bluff thence over broken ground and ridge
70.00	Begin descent along S. W. slope
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 34 and 33, marked S.C.T. 21 N, R. 31 W. on W. S. 33 on E. and S. 34 on W. faces with 4 grooves on E. and 2 grooves on W. faces, dug pits 24x18x14 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor. Land, broken Soil, sandy 3rd rate

---

	West on S. bdy. of sec. 34 Over rolling foot hills, along S. slope range descending
39.00	Bottom descent enter rolling land N.W. and S.E.
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x14 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 the ground marked S.C. 1/4 S. on W. face
	Thence over nearly level ground
77.00	Ascend along S.E. slope low sand bluff
79.00	Top of ascent 20 ft. high
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 31 and 34 marked S.C.T. 21 N, R. 31 W. on W. S. 34 on E. and S. 31 on W. faces, with 3 grooves on E. and 1 groove on W. faces, dug pits

Chains	
	24x18x12 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, N. of cor.
	Land, rolling
	Soil, sandy 3rd rate
	West along S. bdy. of sec. 31
	Descend along N. slope low bluff
2.50	Enter nearly level land
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x12 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 an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked S.C. 1/4 S. on N. face
	Ascend along N.E. slope range of hills
71.40	Top of ascent 100 ft. thence over broken ground along top of bluffs
79.70	The old cor. of Tp. 21 N., R. 31 and 32 W. flat mound with pits E. W. and N. and decayed cedar post in mound where I set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for standard cor. of Tp. 21 N., R. 31 and 32 W. marked S.C. T. 21 N., on N. R. 31 W. S. 31 on E. and R 32 W. S. 36 on W. faces with 6 grooves on N.E. and W. faces, dug pits crosswise on each line E. and W. 4 ft. and N. of post 8 ft. dist. and raised a mound of earth 5 ft. base 2 1/2 ft. high, N. of cor.
	Land, rolling and broken
	Soil, sandy 3rd rate

Range 32 W.

As the old cor. of Tp. 21 N., R. 31 and 32 W. is S. 14 lks. from the random, and

Chains	
	the old cor. of secs. 34 and 35 Range 32 W. is S. 64 lks. from the random line, therefore the course of the corrected parallel is N. 89° 40' W. and the Northing 21 lks. per half mile, from this Tp. cor. Consequently I run
	N. 89° 40' W. on S. bdy. of sec. 36
	Ascend over broken ground
7.00	Top of range on sand peak 150 ft. high
	Descend over broken ground
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x12 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 the ground, marked S.C. 1/4 S. on W. face
	Descend over rolling ground
48.40	Trail, course N. and S. at bottom descent
	ascend along N.E. slope gently
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for standard cor. of secs 35 and 36, marked S.C. T. 21 N., R. 32 W. on N. S. 36 on E. and S. 35 on W. faces, with 1 groove on E. and 5 grooves on W. faces, dug pits 24x18x12 ins. E. and W. of cor. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
	Land, broken
	Soil, sandy 3rd rate
	N. 89° 40' W. on S. bdy. of sec 35
	Ascend along N.E. slope low hills
13.00	Top of ascent on W. face low ridge

Chains	
	descend slightly, over rolling ground sloping to N. N.
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 Sec. cor. dug pits 18x18x12 ins. E. and N. 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 the ground marked S.C. 1/4 S. on N. face
41.00	Bottom descent, enter basin like valley
60.00	Ascend gently over low foot hills
79.74	The old cor. of secs. 34 and 35, mound with pits E. W. and N. without stake. as this cor. is S. 64 lks. from the random, and the old cor. of secs. 33 and 34 is S. 100 lks. from the random, therefore the course of the corrected parallel is S. 89° 45' W. and the Southing 18 lks. per half mile from the old cor. of secs. 34 and 35, consequently, I run
	S. 89° 47' W. on S. bdy. of sec 35.
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 34 and 35, marked S.C. T. 21 N, R. 31 W. on N. S. 35 on E. and S. 34 on W. faces, with 2 grooves on E. and 4 grooves on W. faces. dug pits 24x18x12 ins. E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
	Land, rolling
	Soil, sandy 3rd rate

	S. 89° 45' W. on S. bdy. of sec. 34
	Ascend over rolling ground
73.00	Top of ascent, thence over low hill
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 Sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raised a

Chains	
	mound of earth 3½ ft. base 1½ ft. high over deposit
	In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked S.C. 1/4 S. on N. face
51.00	Trail, course N. 30° W. and reverse, in ravine
53.00	Ascend along N. E. slope
69.00	Top of ascent 100 ft. on N. E. face of range thence over broken ground
79.73	The old cor. of secs. 33 and 34, mound with pits E. W. and N. as this cor. is S. 64 lks. from the random, and the old closing cor. of T. 20 N, R. 31 and 33 W. is S. 12 lks. from the random, therefore the course of the corrected parallel is N. 89° 41' W. and the Northing 21 lks. per half mile, from the old cor. of secs. 33 and 34, consequently I run
	N. 89° 41' W. on S. bdy. sec. 34
80.00	Set an Oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 33 and 34, marked S.C. T. 21 N, R. 31 W. on N. S. 34 on E. and S. 33 on W. faces, with 3 grooves on E. and W. faces, dug pits 24x18x12 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
	Land, rolling and broken
	Soil, sandy 3rd rate

	N. 89° 41' W. on S. bdy. of sec. 33
	Ascend over broken ground along top of range
21.00	Top of ascent, thence along top of range
40.00	Deposit a charred stake 12 ins. in the ground for Standard 1/4 Sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit

Chains

In E. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
S.C. 1/4 S. on N. face

Ascend

57.40 Top of sand bluff or ridge 150 ft. above valley
descend over broken ground

80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 31 and 33, marked
S.C. T. 21 N., R. 37 W. on N.
S. 33 on E. and
S. 31 on W. faces, ~~with 4 grooves~~ on E. and
2 grooves on W. faces, dug pits 24x18x12 ins
Crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
Land, broken
Soil, sandy 3rd rate

N. 89° 41' W. on S. bdy. of sec. 31
Over broken foot hills, sloping to S.

40.00 Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit
In E. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
S.C. 1/4 S. on N. face
Thence over low rolling foot hills

41.60 Trail N. 70 W. + S. 70° E. ascend slightly

65.00 Top of ascent 30 ft. above trail, descend gently

80.00 Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground for Standard cor. of secs. 31 and 37, marked
S.C. T. 21 N., R. 37 W. on N.
S. 37 on E. and
S. 31 on W. faces, with 5 grooves on E. and

Chains

1 groove on W. faces, dug pits 24x18x12 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
Land, rolling
Soil, sandy 3rd rate

N. 89° 41' W. on S. bdy. of sec. 31
Ascend gently over rolling ground

10.31 The old closing cor. T. 20 N., R. 37 and 33 W. As this cor. is S. 12 lks. from the random and 68.67 chs. dist. from the Standard cor. of Tp. 21 N., R. 37 and 33 W. therefore the course of the corrected parallel is N. 89° 57' W. and the Northing 7 lks. per half mile, from this cor. consequently I run
N. 89° 57' W. on S. bdy. of sec. 31

40.00 Deposit a charred stake 12 ins. in the ground for Standard 1/4 sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In E. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked
S.C. 1/4 S. on N. face
Descend gently along N. W. slope low hills

60.00 Bottom of descent, thence over rolling ground

79.07 The Standard cor. of Tp. 21 N., R. 37 and 33 W.

July 18, 1896

5th Standard Parallel North, through Ranges 31 and 32 W.

— General Description —

This line runs through a barren country, over rolling sandy ground and broken foot hills.

No timber on any part of the line, the vegetation consisting of a sand grass, peculiar to this region.

The soil is very sandy and is unfit for cultivation.

Willard W. Alt
U. S. Surveyor

July 18, 1896

Final Oaths of Deputy Surveyor and his Assistants.

LIST OF NAMES.

A list of the names of the individuals employed by Willard W. Alt, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the Re survey of the 5th Standard Parallel North through Ranges 31 and 32 W. of the 6th Principal Meridian State of Nebraska showing the respective capacities in which they acted:

Sidney Blout, Chainman.
Frank H Doath, Chainman.
Fred D Shatton, ~~Moundman.~~ Flagman
Albert Neimoth, Moundman.
, Axman.
, Axman.
, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Willard W Alt, United States ~~Deputy~~ Surveyor, in Re surveying all those parts or portions of the 5th Standard Parallel North through Ranges 31 and 32 W of the 6th ~~of the~~ ~~base~~ ~~and~~ Principal meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor-General for~~ Commissioner of the General Land Office

Sidney Blout, Chainman.
Frank H Doath, Chainman.
Fred D. Shatton, ~~Moundmen.~~ Flagman
Albert Neimoth, Moundman.
, Axman.
, Axman.
, Flagman.

Subscribed and sworn to before me this 16th day of September, 1896

SEAL

Willard W Alt
U. S. Surveyor

6—151

General Land Office • Original Field Notes

Book Number

772

W.W. Alt - 5th Standard Parallel through T 31 - 32 N

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.