General Land Office • Original Field Notes

Book Number

774

W.W. Alt - Line between R 30 & 31 W, T 21 - 24 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.

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(Duplicate) Ex 7-3-1903 I' OK

4—679.

Received with letter from W. W. Alt, U. S. Surveyor, dated Jan'y 18, 1897— 8051/1897.

FIELD NOTES

OF THE SURVEY OF

The Range line between Ranges 30 and 31 W., through Townships No. 21, 22, 23 and 24 North

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 24, 1896

Survey completed October 3, 1896.

6—151

Names and Duties of Assistants.

Sidney Blount, Chainman

Frank K. Smith, Chainman

Fred D. Stratton, Flagman

Albert Niemoth, Monumentman

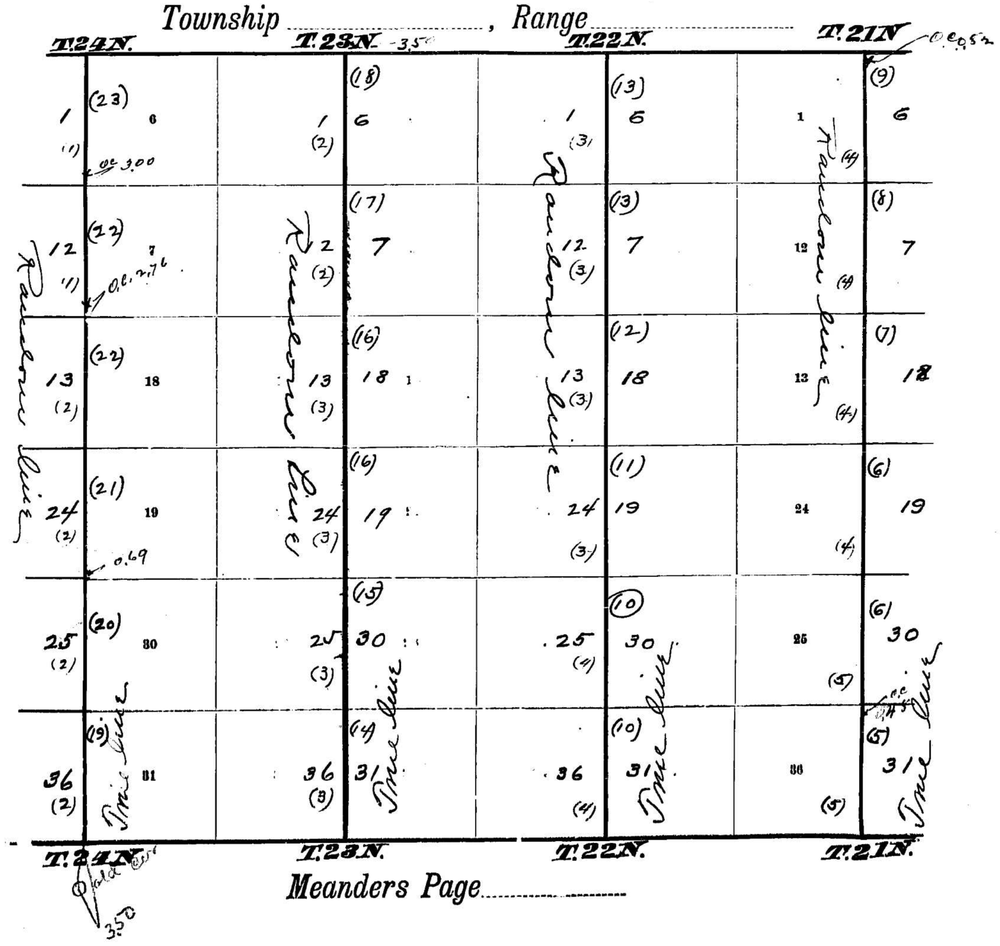
Harry T. Knapp, Monumentman

Bert Blakeslee, Monumentman

INDEX DIAGRAM.

Range line bet. Ranges 30 and 31 W., between T. town. lines 21, 22, 23 and 24 N.

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



Explanation:— (?) - page of notes
figures to the Right of line = true line
" " " Left " " = Random line

Preliminary Oaths of Assistants.

We, Sidney Blout and Frank H Drath 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 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 resurvey of The East boundary of Townships No. 21, 22, 23 and 24 N, Range 31 West of the 6th Principal Meridian, State of Nebraska.

Sidney Blout, Chainman.
Frank H Drath, Chainman.

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

SEAL

Willard W. Alt
U. S. Surveyor.

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, Albert Nemoth and Harry R. Knapp 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 resurvey of The East-boundary of Townships No. 21, 22, 23 and 24 N. Range 31 West of the 6th Principal Meridian, State of Nebraska

Albert Nemoth, ~~Axman~~ Moundman
Harry R Knapp, ~~Axman~~ Moundman

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

SEAL

Willard W. Alt
U. S. Surveyor.

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

I Fred D. Stratton, do solemly 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 Resurvey of the East boundary of Townships No. 21, 22, 23 and 24 North, Range 31 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

I Bert Blakeslee, do solemnly swear that I will well and truly perform the duties of Moundman, in the establishment of corners, according to the instructions given me to the best of my skill and ability, in the resurvey of the East boundaries of townships No. 23 and 24 N. R 31 W of the Sixth Principal Meridian in Nebraska.

Bert Blakeslee
Moundman.

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

William W. Ad-
U.S. Surveyor.

Resurvey of the range line bet. ranges 30 & 31 W.

Chains.

From the old closing cor. of Tps. 24 N., Rs. 30, and 31 W., I observe Polaris at eastern elongation, at 11h 15m l. m. t. on July 23d, in accordance with instructions in the Manual and mark a point on the line thus determined on a stake 5 chs. N. of cor.

July 24: at 8h a.m. I lay off the azimuth of Polaris, 1°41' to the west, and mark the true meridian thus determined, by a tack in stake driven in the ground, 5 chs. N. of my station.

The magnetic bearing of the true meridian is N. 12°40' W., which angle, reduced by the table on page 100 of the Manual, gives the mean mag. dec. 12°34' E.

From the old closing cor. I run
Through T. 24 N.

South, on a random line bet. secs. 1 and 6.

40.00 Set temp. ¼ sec. cor.

79.73 The old cor. of secs. 1. 6. 7. and 12. is 47 lks. E. and the course of the true line from this cor. to the closing cor. of Tps. 24 N., Rs. 30 and 31 W. is. N. 0°20' W.

80.00 Set temp. cor. of secs. 1. 6. 7. and 12.

South, on a random line bet. secs. 7 and 12.

40.00 Set temp. ¼ sec. cor.

80.00 Set temp. cor. of secs. 7. 12. 13. and 18., which cor. falls 73 lks. W. of the old cor. of secs. 7. 12. 13, and 18., and the course of the true line from this cor. to the old cor. of secs. 1. 6. 7. and 12. is. N. 0°11' W.

Chains.

Through T. 24 N.

South, on a random line bet. secs. 13 and 18.

40.00 Set temp. ¼ sec. cor.

80.00 Set. " cor. of secs. 13. 18. 19. and 24.

South, on a random line bet. secs. 19. and 24.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 19. 24. 25. and 30.

South, on a random line bet. secs. 25 and 30.

2.00 The old cor. of secs. 19. 24. 25. and 30, bears E. 92 lks. dist.: and the course of the true line from this cor. to the old cor. of secs. 7. 12. 13 and 18. is N. 0° 08' W.

40.00 Set temp. ¼ sec. cor.

80.00 Set " cor. of secs. 25. 30. 31. and 36.

South, on a random line bet. secs. 31 and 36.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of Tps. 23 and 24 N., Rs. 30 & 31 W.

Thence I run

Through T. 23 N.

South, on a random line bet. secs. 1 and 6.

6.26 The old cor. of Tps. 23 and 24 N., Rs. 30 & 31 W. bears W. 2 lks. dist. and the course of the true line from this cor. to the old cor. of secs. 19. 24. 25. & 30. is N. 0° 20' E.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 1. 6. 7. and 12.

South, on a random line bet. secs. 7 and 12.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 7. 12. 13. and 18.

Chains.

South, on a random line bet. secs. 13 and 18.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 13. 18. 19. and 24.

South; on a random line bet. secs. 19 and 24.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor of secs. 19. 24. 25. and 30.

South, on a random line bet. secs. 25 and 30.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 25. 30. 31. and 36.

July 24, 1896.

South, on a random line bet. secs. 31 and 36.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of Tps. 22 and 23 N. Rs. 30 & 31 W.

Thence I run

Through T. 22 N.

South, on a random line bet. secs. 1 and 6.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 1. 6. 7. and 12.

South, on a random line bet. secs. 7. and 12.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 7. 12. 13. and 18.

South, on a random line bet. secs. 13 and 18.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 13. 18. 19. and 24.

South, on a random line bet. secs. 19 and 24.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor of secs. 19. 24. 25. and 30.

Chains.

— Through T. 22 N. —

South, on a random line bet. secs. 25 and 30.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 25. 30. 31. and 36.

South, on a random line bet. secs. 31 and 36.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of Tps. 21 and 22 N., Rs. 30 & 31 W.

Thence I run

Through T. 21 N.

South, on a random line bet. secs. 1 and 6.

3.08 The old cor. of Tps. 21 and 22 N., Rs 30 & 31 W. which is a cedar stake, in flat mound, bears East, 16.07 chs. dist. and the course of the true line from this cor. to the old cor. of Tps. 23 and 24 N., Rs 30 and 31 W. is N. 0°56' W.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 1. 6. 7. and 12.

South, on a random line bet. secs. 7 and 12.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 7. 12. 13. and 18.

South, on a random line bet. secs. 13 and 18.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 13. 18. 19. and 24.

July 25, 1896.

South, on a random line bet. secs. 19 and 24.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 25. 30. 31. and 36.

Chains.

— Through T. 21 N. —

South, on a random line bet. secs. 25 and 30.

40.00 Set temp. ¼ sec. cor.

80.00 " " cor. of secs. 25. 30. 31 and 36.

South, on a random line bet. secs. 31 and 36.

2.74 The old cor. of secs. 25. 30. 31. and 36. bears E. 16.47 chs. dist. and the course of the true line from this cor. to the cor. of Tps. 21 & 22 N. Rs 30 and 31 W., is N. 0°03' W.

40.00 Set temp. ¼ sec. cor.

82.26 Intersect 5th Standard Parallel, 16.54 chs. W. of the standard cor. of Tp. 21 N., Rs 30 & 31 W. and the true bearing of the range line, from this cor., to the old cor. of secs. 25. 30. 31. & 36, is N. 0°03' W.

82.26
2.74
79.52

True line T. 21 N.

From the standard cor. of Tp. 21 N., Rs 30 & 31 W. I run

N. 0°03' W. on true line bet. secs. 31 and 36.

Our rolling land.

4.00 Begin ascent, along S.W. slope.

33.00 Top of ascent, 75 ft., on sand peak.

34.00 Descend gradually, along N.E. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked ¼ S., on W. face.

67.00 Enter level land.

79.52 The old cor. of secs. 25. 30. 31. and 36.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25. 30. 31. and 36: dig pits 18 x 18 x 12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high over deposit.

X

Chains.

In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T21N S30. on NE.
R30W S31. on SE.
S36. on SW. and
R31W S25. on NW. faces. with 1 notch on S. and 5 notches on N. edges.
Land: rolling.
Soil. sandy: 3rd rate.

N. 0°03' W. on true line bet. secs. 25 and 30.
Over level land.

14.00 Begin ascent. along S.E. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼S., on W. face.

70.00 Top of ascent: thence over ridges, along top of range.

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
T21N S19. on NE.
R30W S30. on SE.
S25. on SW. and
R31W S24. on NW. faces. with 2 notches on S. and 4 on N. edges: dig pits 18X18X12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.
Land: rolling.
Soil. sandy: 3rd rate.

N. 0°03' W. on true line bet. secs. 19 and 24.
Along top of range

Chains.

15.00 Sand bluff, or peak: descend along N. slope over rolling ground.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼S., on W. face.

65.00 Enter rolling valley.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 13. 18. 19. and 24: dig pits 18X18X12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T21N S18. on NE.
R30W S19. on SE.
S24. on SW. and
R31W S13. on NW. faces. with 3 notches on S. and N. edges.
Land: rolling.
Soil. sandy: 3rd rate.

N. 0°03' W. on true line bet. secs. 13 & 18.
Over rolling foot hills.

5.00 Begin gradual ascent, along S. slope.

28.00 Top of ascent, on bluff.

37.00 Sand bluff, or peak.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18X18X12 ins. N. & S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼S., on W. face.

45.00 Begin descent, over rolling ground.

80.00 Set an oak post 3 ft. long. 4 ins. sq. with a

Chains.

Charred stake 24 ins. in the ground for cor. of secs. 7, 12, 13, and 18, marked
T21N S7, on NE.
R30W S18, on SE.
S13, on SW. and
R31W S12, on NW. faces with 4 notches on S. and 2 on N. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land: rolling.
Soil: sandy: 3rd rate.

N. 0°03' W. on true line bet. secs. 7 and 12.
Descend along N. slope, over rolling ground.
22.00 Enter rolling valley: E. and W.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S., on W. face.
46.00 Leave valley: ascend over rolling ground along S. slope.
73.00 Top of bluff, at blowout; thence, ascend over broken ground.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1, 6, 7, and 12: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, over deposit.
In SE. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T21N S6, on NE.
R30W S7, on SE.
S12, on SW. and
R31W S1, on NW. faces, with 5 notches on S. and 1 notch on N. edges.
Land: rolling, and broken.
Soil: sandy: 3rd rate.

Chains.

N. 0°03' W. on true line bet. secs. 1 and 6.
Ascend over rolling ground.
5.00 Top of range: E. and W.: 100 ft. high.
8.00 Begin descent along N. slope.
36.00 Enter broken valley land: E. and W.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S., on W. face.
70.00 Begin gradual ascent, along S. slope, over broken ground.
79.18 Cedar stake in flat mound: the old cor. of Tps. 21 and 22 N., Rs. 30 and 31 W.
Thence I run
N. 0°57' W. on true line bet. secs. 1 and 6.
80.00 (counting from the last sec. cor.) Set an oak post 3 ft. long, 4 ins. sq. with a charred stake 24 ins. in the ground for cor. of Tps. 21 and 22 N., Rs. 30 and 31 W., marked
T22N S31, on NE.
R30W S6, on SE.
T21N S1, on SW. and
R31W S36, on NW. faces with 6 notches on each edge: dig pits 24x24x12 ins. on each line, E., W., and N., 4 ft. and S. of post 8 ft. dist. and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.
Land: broken.
Soil: sandy: 3rd rate.

July 27, 1896.

Chains. True Line T. 22 N

From the cor. of Tps. 21 and 22 N. I run
Through Tp. 22 N.
N. 0°57' W., on true line bet. secs. 31 and 36.
Ascend along S. slope, over rolling ground.

24.50 Top of ascent. 40 ft. above cor.: thence over broken ground.

39.00 Begin descent over sand blowout.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S, on W. face.

43.50 Descend along N. slope.

56.00 Enter rolling ground.

57.15 Trail: bears E. and W.

74.00 Begin ascent along S. slope of foot-hills.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25. 30. 31. and 36: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T 22 N S 30. on NE.
R 30 W S 31. on SE.
S 36. on SW. and
R 31 W S 25. on NW. faces. with 1 notch on S. and 5 notches on N. edges.
Land: broken.
Soil. sandy; 3rd rate.

N. 0°57' W. on true line bet. secs. 25 and 30.
Ascend along S. slope.

8.00 Top of ascent. 50 ft.: thence, over broken ground.

16.50 Begin descent along N. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. + S.

Chains.

of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high, over deposit.
In S. pit. drive an ash stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S, on W. face.

42.00 Begin descent along river bluff.

47.00 Enter willow underbrush.

49.00 Right bank Tiernal river. 70 lks. wide, course NE.: from left bank, ascend very abruptly.

50.90 Top of abrupt ascent. 50 ft.: thence, ascend over rolling ground.

58.15 Trail: bears N. 60° E. and S. 70° W.: ascend along S. slope of range, over broken ground.

78.00 Top of ascent: 300 ft. above river.

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
T 22 N S 19. on NE.
R 30 W S 30. on SE.
S 25. on SW. and
R 31 W S 24. on NW. faces. with 2 notches on S. and 4 on N. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W of cor.
Land: broken.
Soil. sandy; 3rd rate.

N. 0°57' W. on true line bet. secs. 19 and 24.
Over broken ground, along top of range.

11.00 Begin descent along N. slope, over broken ground.

34.00 Bottom of descent: enter narrow valley. E + W.

36.00 Begin gradual ascent along S. slope of range.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S, on W. face.

Chains.

64.50 Top of ascent, 150 ft. above valley: thence over broken ground, along top of range.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 13. 18. 19. and 24: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. over deposit.
In S.E pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T22N S18. on NE.
R30W S19. on SE.
S24. on SW. and
R31W S13. on NW. faces. with 3 notches on N. and S. edges.
Land: broken.
Soil. sandy; 3rd rate.

N. 0°57' W. on true line bet. secs. 13 and 18.
Over broken ground.

12.00 Begin descent, along N. slope.

38.00 Bottom of descent: thence, over rolling ground.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S. on N. face.

60.00 Begin abrupt ascent along S.E. slope of range.

63.50 Top of ascent. 50 ft. above valleys: thence 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 cor. of secs. 7. 12. 13. and 18. marked
T22N S7. on NE.
R30W S18. on SE.
S13. on SW. and
R31W S12. on NW. faces. with 4 notches on S. and 2 on N. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.

Chains

Land: broken.
Soil. sandy; 3rd rate

N. 0°57' W. on true line bet. secs. 7 and 12.
Descend.

14.00 Bottom of descent: ascend over broken ridges.

34.50 Top of ascent: thence. over broken ground.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. & S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S. on N. face.

41.00 Ascend along S. slope.

50.00 Top of ascent: thence, over ridges, ascending gently

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1. 6. 7. and 12: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T22N S6. on NE.
R30W S7. on SE.
S12. on SW. and
R31W S1. on NW. faces. with 5 notches on S. and 1 notch on N. edges.
Land: broken.
Soil. sandy; 3rd rate.

N. 0°57' W. on true line bet. secs. 1 and 6.
Over broken ground, on top of hills.

5.00 Begin descent. along N.E. slope.

25.00 Bottom of descent: thence, over low rolling foot hills.

40.00 Deposit a charred stake 12 ins. in the ground

Chains

for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S., on W. face.

71.00 Begin ascent.

78.50 Top of ascent, 50 ft.

80.00 Set an oak post 3 ft. long, 4 ins. sq. with a charred stake 24 ins. in the ground. for cor. of Tps. 22 and 23 N., Rs. 30 and 31 W., marked
T23N S31. on NE.
R30W S 6. on SE.
T22N S1. on SW. and
R31W S36. on NW. faces, with 6 notches on each edge: dig pits 24x24x12 ins. on each line E., W., and N. 4 ft. and S. of post. 8 ft. dist. and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.
Land: broken.
Soil: sandy: 3rd rate. August 17, 1896.

True Line T. 23 N

Through T. 23 N. —

N. 0°57' W. on true line bet. secs. 31 and 36.
Ascend over rolling ground.

19.00 Top of ascent, 75 ft.: on W. slope.

36.00 Begin descent.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S., on W. face.

53.00 Bottom of descent; ascend gradually.

65.00 Top of ascent, 50 ft.: descend along NE. slope.

Chains.

75.00 Bottom of descent; thence, over level ground.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25. 30. 31. and 36: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T23N S30. on NE.
R30W S 31. on SE.
S36. on SW. and
R31W S25. on NW. faces, with 1 notch on S. and 5 on N. edges.
Land: broken.
Soil. sandy: 3rd rate.

N. 0°57' W. on true line bet. secs. 25 & 30.
Over level ground.

4.00 Begin gradual ascent, along S. slope.

21.00 Top of ascent, 50 ft.: thence, ascend along N. face.

39.00 Top of range, 75 ft.: thence, over broken ground.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. & S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S., on W. face.

56.00 Begin gradual descent, along N. slope.

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
T23N S19. on NE.
R30W S30. on SE.
S25. on SW. and
R31W S24. on NW. faces. with 2 notches on S. and 4 on N. edges: dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound

Chains.

of earth. 4 ft. base, 2 ft. high. W. of cor.
Land: broken.
Soil: sandy: 3rd rate.

N. 0° 5' W. on true line bet. secs. 19 and 24.
Over rolling ground.
8.50 Trail: bears N. 50° W.: ascend gradually along SW. slope.
25.00 Top of ascent: descend gradually, along N. slope of low hills.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S. on W. face.
Bottom of descent: ascend gradually, along SW. slope.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 13. 18. 19. and 24: dig pits 18 x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, over deposit.
In S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 23 N S 18. on NE.
R 30 W S 19. on SE.
S 24. on SW. and
R 31 W S 13. on NW. faces, with 3 notches on N. and S. edges.
Land: rolling.
Soil: sandy: 3rd rate.

N. 0° 5' W. on true line bet. secs. 13 and 18.
Descend gently, along NE. slope, over low ridges.
20.00 Bottom of descent: thence, over low rolling foot hills.

Chains.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S. on W. face.
Thence, over rolling ground.
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. 7. 12. 13. and 18. marked
T 23 N S 7. on NE.
R 30 W S 18. on SE.
S 13. on SW. and
R 31 W S 12. on NW. faces, with 4 notches on S. and 2 on N. edges: dig pits 18 x 18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
This cor. is in a small circular depression.
Land: rolling.
Soil: sandy: 3rd rate.

N. 0° 5' W. on true line bet. secs. 7 and 12.
Over rolling ground.
15.80 Trail to Seneca: bears NE. and SW. ascend gently.
17.00 Top of ascent: thence over rolling ground sloping E.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. & S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S. on W. face.
Ascend along S.E. slope of bluffs.
62.00 Top of ascent. 100 ft.
68.00 Begin gradual descent, along NE. slope of range.

chains

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1. 6. 7. and 12; dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. over deposit.
On S.E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T23N S6. on NE.
R30W S7. on SE.
S12. on SW. and
R31W S1. on NW. faces. with 5 notches on S and 1 notch on N. edges
Land: broken.
Soil. sandy: 3rd rate.

N. 0°57' W. on true line bet. secs. 1 and 6.
Descend gradually. along N.E. slope.
5.00 Bottom of descent.
11.00 Ascend along S. slope.
21.00 Top of ascent, 50 ft.; thence over broken ground.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
On S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S, on W. face.
43.00 Descend abruptly.
47.00 Bottom of descent: thence, over low rolling hills.
74.00 Low ridge; descend.
76.50 Cedar stake in flat mound, with pits. the old cor. of Tps. 23 and 24 N. Rs 30 and 31 W.

Thence I run
N. 0°20' E. on true line bet. secs 1 and 6.
80.00 (counting from the last sec. cor.) Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground, for cor. of Tps. 23 and 24 N. Rs 30 and 31 W. marked
T24N S31. on NE.

chains

R30W S6. on SE.
T23N S1. on SW. and
R31W S36. on NW. faces. with 6 notches on each edge; dig pits 24x24x12 ins. on each line. E., W., and N., 4 ft. and S. of post 8 ft. dist. and raise a mound of earth 5 ft. base. 2½ ft. high. S. of cor.
Land: broken.
Soil. sandy: 3rd rate.

True line T24N

Thence I run
Through T. 24 N.
N. 0°20' E. on true line bet. secs. 31 and 36.
Over low rolling hills, ascending gently.
8.00 Top of ascent; 10 ft.
9.00 Trail: bears N. 30° W., and reverse.
14.00 Descend gently along NW. slope.
28.00 Bottom of descent; ascend gradually, along SW. slope.
34.00 Top of ascent: thence over low hills.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. over deposit.
On S. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
¼ S, on W. face.
Ascend along SW. slope.
56.00 Top of ascent, 50 ft.; thence, over low broken sand bluffs.
74.00 Trail; bears N. 15° E. and reverse; ascend.
78.00 Top of ascent. 40 ft. above trail: thence over rolling ground.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 25. 30. 31. and 36: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. over deposit.

Chains.

In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S30; on NE.
R30W S31. on SE.
S36. on SW. and
R31W S25. on NW. faces. with 1 notch on S. and 5 notches on N. edges.
Land: broken.
Soil. sandy: 3rd rate.

N. 0°20' E. on true line bet. secs. 25 and 30.
Over broken sand bluffs.
13.00 Ascend abruptly.
14.00 Top of ascent, on low sand bluff.
28.00 Sand bluff 50 ft. high; descend.
36.00 Pot hole: ascend.
38.00 Sand peak: descend.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S., on N. face.
44.00 Begin ascent, along SW. face of bluff.
46.70 Top of ascent, 50 ft.; thence. over broken ground.
54.60 Descend.
63.70 Begin descent, along N. slope.
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.
R30W S30. on SE.
S25. on SW. and
R31W S24. on NW. faces. with 2 notches on S. and 4 on N. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth. 4 ft. base. 2 ft. high. N. of cor.

Chains.

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

~~Course of this line [illegible] N. 0°4' W.~~ Magnetics are correct. (R.H.)

N. 0°20' E. on true line bet. secs. 19 and 24.
Over rolling ground.
0.69 The old cor. of secs. 19. 24. 25. and 30., which is a decayed stake, with mound, and pits.
Thence S. 88W
N. 0°04' W. on true line bet. secs. 19. and 24.
34.60 (counting from last sec. cor.) Trail; bears S. 80° E.
39.50 Trail: bears S. 80° E.
40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.: dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground. marked
¼ S., on N. face.
52.50 Old sod house, bears N. 1 ch. dist.: begin gradual descent, over low ridges.
74.50 Begin descent along NE. slope.
79.90 Bottom of descent.
80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 13. 18. 19. and 24: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S18. on NE.
R30W S19. on SE.
S24. on SW. and
R31W S13. on NW. faces. with 3 notches on N. and S. edges.
Land: rolling
Soil. sandy: 3rd rate.

Re-survey of the range line bet. ranges 30 and 31 W.

Chains.

N. 0°04' W. on true line bet. secs. 13 and 18.
Over rolling valley land.

4.04 Wire fence, along railroad.

4.96 Center of track. Burlington and Missouri River railroad: bears S. 53°43' E. and reverse.

5.61 Telegraph line " "

6.09 Wire fence "

11.15 Right bank Loup river. 220 lks. wide: course N. 75° E.
Thence. through underbrush, over rolling ground.

18.50 Begin ascent along S.E. face of bluff.

21.00 Top of ascent; thence, ascend along face of canon.

28.00 Top of abrupt ascent; ascend gradually.

38.00 Top of range: thence over rolling hills. along top of range.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S., on W. face.

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. 7. 12. 13. and 18. marked
T24N S7. on NE.
R30W S18. on SE.
S13. on SW. and
R31W S12. on NW. faces with 4 notches on S. and 2 on N. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high, N. of cor.
Land; broken.
Soil, 3rd rate.

N. 0°04' W. on true line bet. secs. 7 and 12.
Over rolling land.

2.76 The old cor. of secs. 7. 12. 13. and 18.- flat mound with decayed stake.

Re-survey of the range line bet. ranges 30 and 31 W.

Chains.

Thence S. 0°11' W. on true line bet. secs. 7 and 12.

4.00 (counting from last sec. cor.) Begin descent over rolling foot hills.

16.00 Trail: bears NW. and SE., at bottom of descent. thence. ascend along S.E. slope of low hills.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and 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. sq. 12 ins. in the ground, marked
¼ S., on W. face.

43.00 Top of ascent. 50 ft. above trail. thence descend over ridges, along NW. slope.

60.60 Trail: bears N. 20° W.

65.00 Same trail: thence along trail, or road.

78.00 Bottom of descent: enter level ground.

80.00 Deposit a charred stake 12 ins. in the ground for cor. of secs. 1. 6. 7. and 12: dig pits 18x18x12 ins. in each sec. 4 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. over deposit.
In S.E. pit. drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
T24N S6. on N.E.
R30W S7. on SE.
S12. on SW. and
R31W S1. on NW. faces. with 5 notches on S. and 1 notch on N. edges.
This cor. is on E. side of old road.
Land; broken.
Soil. sandy: 3rd rate.

N. 0°11' W. on true line bet. secs. 1 and 6.
Over level ground. on E. side of old trail.

3.00 The old cor. of secs. 1. 6. 7. and 12.- flat mound and pits.

Thence S. 0°11' W.

Re-survey of the range line bet. ranges 30 and 31 W.

Chains.

N. 0°19' W. on true line bet. secs. 1 and 6.

15.00 (Counting from the Sec. cor.) Lane trail.

36.00 Begin ascent along S.E. slope.

40.00 Deposit a charred stake 12 ins. in the ground for ¼ sec. cor.; dig pits 18x18x12 ins. N. and S. of cor. 4 ft. disk and 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. sq. 12 ins. in the ground, marked ¼ S., on W. face.

54.00 Top of ascent, on E. face of hill; thence descend along E. slope.

82.76 The old closing cor. of T 24 N., R's 30 and 31 W.
Land: broken.
Soil: sandy; 3rd rate.

October 3, 1896.

General Description –

This line runs over a very broken series of sand ridges in Towns 21 & 22 N., in Towns 23 & 24 N., the land is rolling hills with an occasional sand bluff or peak – The Dismal river in T. 22 N., is a stream about 25 lks. wide and two feet deep, flows very swiftly and is approached by very steep banks or bluffs. there is no bottom land along river – The Loup river in T. 24 N., is a stream about 1 chain wide and 2 feet deep, with a narrow bottom land along river which is covered with an underbrush of plum – No timber on line except along Dismal or Loup rivers where there is a few scattering cedar, Ash, and Hackberry with – much underbrush of plum
Soil very sandy. Vegetation consists of a sand grass and buffalo grass

Willard W. Alt
U. S. Surveyor.

Oct. 3, 1896.

I hereby certify that I assisted Willard W. Alt, U.S. Surveyor, in Re-surveying all those parts or portions of the East boundary of Townships No. 21 and 22 N. Range 39 W. of the 6th 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 my knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the Commissioner of the General Land Office

Albert Nesmith; Marksman

Subscribed and sworn to before me this 16th day of September, 1896
Willard W. Alt
U.S. Surveyor.

I hereby certify that I assisted Willard W. Alt, U.S. Surveyor, in surveying all those parts or portions of the East boundaries of townships No. 23 and 24 North of Range No. 31 West of the Sixth Principal Meridian in the 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 my knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the Commissioner of the General Land Office

Bert Blakeslee; Marksman

Subscribed and sworn to before me this 17th day of October 1896

Willard W. Alt.
U.S. Surveyor.

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 survey of the Range lines between Ranges 30 & 31 W, through Townships No 21, 22, 23 and 24 N, 6th Principal Meridian in State of Nebraska showing the respective capacities in which they acted:

Sidney Blout, Chainman.
Frank H Drath, Chainman.
Fred D Stratton, ~~Moundman.~~ Flagman
Albert Niemoth, Moundman.
Bert Blakeslee, ~~Axman.~~ Moundman
Harry R Knapp, ~~Axman.~~ Moundman
, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Willard W. Alt, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the East boundary of Townships No 21, 22 23 and 24 North, Range 31 West of the 6th P. M. of the ~~and~~ 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~~ Commissioner of the General Land Office for

Sidney Blout, Chainman.
Frank H. Drath, Chainman.
Fred D. Stratton, ~~Moundman.~~ Flagman
Harry R Knapp, Moundman.
, Axman.
, Axman.
, Flagman.

Subscribed and sworn to before me this 24th day of October, 1896

SEAL

Willard W. Alt
U. S. Surveyor.

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Final Oath of United States Deputy Surveyor.

I, Willard W. Alt, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a contract received from Commissioner of General, ~~United States Surveyor General for~~ Land Office, bearing date of the 4th day of May, 1896, 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 Manual ~~Instructions~~, and the laws of the United States, surveyed all those parts or portions of the Range line between Ranges 30 and 31 W, and through Townships No. 21, 22, 23 and 24 N

~~and~~ 6th Principal meridian, in the State of Nebraska, 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 Manual, ~~Instructions, and~~ Printed instructions 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.

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

Subscribed ~~by said~~ and sworn to before me this 18th day of January, 1897.

SEAL

P. J. Carey
Clerk of District Court

APPROVAL.

Office of the ~~United States Surveyor General~~ Commissioner of the General Land Office,
Washington D.C. April 30th, 1897.

The foregoing field notes of the survey of The Range line between Ranges 30 and 31 W, and through Townships No. 21, 22, 23 and 24 North; 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, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

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

I certify that the foregoing transcript of the field notes of the above-described surveys in The Range line between Ranges 30 and 31 West, 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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General Land Office • Original Field Notes

Book Number

774

W.W. Alt - Line between R 30 & 31 W, T 21 - 24 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.