General Land Office • Original Field Notes

Book Number

781

W.W. Alt Subdivision of T 22 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.

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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

Subdivision and Claim Lines

of

Township No. 22 N., Range 41 W.

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, U. S. ~~Deputy~~ Surveyor,

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

Survey commenced September 9th, 1895.

Survey completed November 11th, 1895.

No timber; sand and bunch grass.

Names and Duties of Assistants.

Clarence P. Haggard, Chainman.

Sidney Blount, Chainman.

James G. Gruber, Flagman.

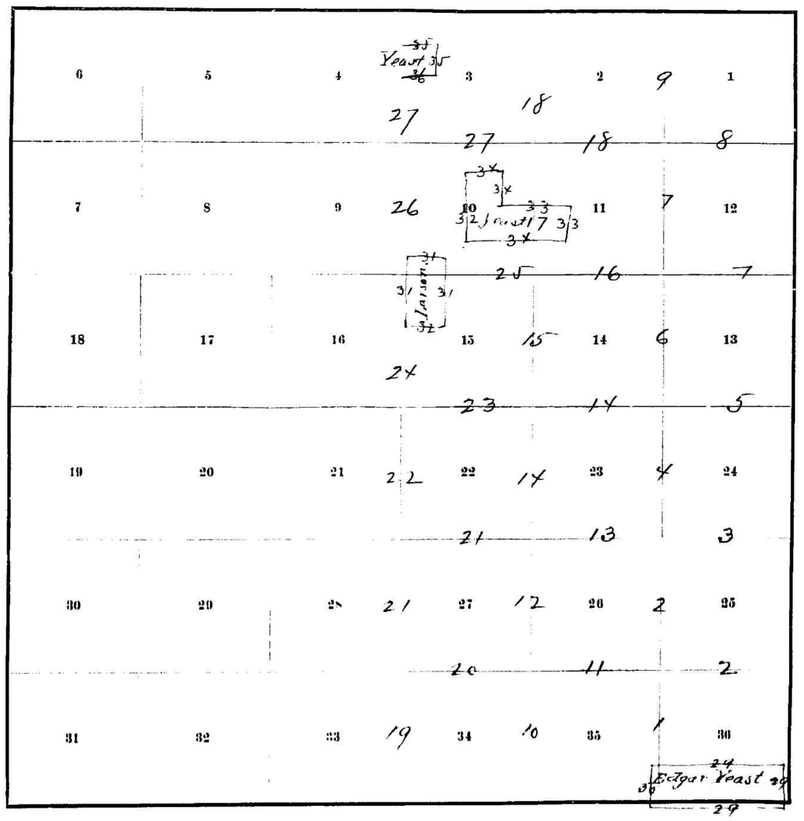
James C. Rosengren, Mounduman.

Albert H. Andrews, Mounduman

Theodore Neeland, Flagman in Survey of Claims

INDEX DIAGRAM.

Township 22 N, Range 41 W.



Meanders Page

No timber; — sand and bunch grass.

Preliminary Oaths of Assistants.

WE, ...

.....

.....

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

.....

.....

.....

.....

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman.*

..... , *Chainman*

Subscribed and sworn to before me this .....

day of ..... , 18 .

.....

.....

WE, ...

.....

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

.....

.....

.....

.....

.....

Subscribed and sworn to before me this ..... } ..... , *Axeman.*

day of ..... , 18 . } ..... , *Axeman.*

.....

.....

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Preliminary Oaths of Assistants in the subdivision of the Tp. T 22 N. R 41 W

Subdivision of T. 22 N. R. 41 W.

Chains

The initial directions of the meridional section lines of this Tp. are referred to the tangent which was ranged out, and left marked, on the South bdy. of the township

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From the cor. of secs. 1, 2, 35, and 36. on the S. bdy. of the Tp. heretofore described. I run N. 0° 09' E. bet. secs 35, and 36.

Descend gradually along N. slope of range.

34.00 Foot of range bears N. 70° E. and S. 70° W.

ascend abruptly along S. slope of range.

40.00 Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor. bet secs 35-36 dug pits 18 X 18 X 12 ins. N. and 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 1/4 S; on W. face.

46.00 Top of ascent 100 ft. high; thence along E. face of bluff.

69.00 Begin gradual descent along N. slope of range.

80.00 Deposited a charred stake 12 ins. in the ground. for cor. of secs. 25, 26, 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~~ 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 22 N. S 25. on NE.

R 41 W S 36. on SE.

S 35. on SW. and

S 26. on two faces with 1 notch on S. and E. edges.

Land rolling and hilly.

Soil sandy; 3rd rate;

No timber; — sand and bunch grass.

Chains.

East on a random line bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect E. bdy. of Tp. 14 lks. S. of the cor. of secs. 25. 30. 31. and 36.

Thence I run

S. 89°54' W. on true line bet. secs. 25 and 36.

Descend along NW. slope of range, over low ridges and ravines.

17.00 Enter valley; bears N. and S.

19.00 Trail; bears N. & S.

30.00 Leave bottom land; ascend gradually along NE. slope of range.

31.00 Trail; bears N. 40° W. and S. 40° E.

40.02 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. bet secs 25-36, dug pits 18x18x12 ins E & 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

¼ S; on N. face

61.00 Top of ascent 40 ft. high, thence along N. slope; ascend slightly

72.84 Wire fence; bears N. & S.

80.04 The cor. of secs. 25. 26. 35. and 36.

Land rolling. Soil, sandy; 3rd rate.

No timber. Sand and bunch grass.

N. 0°09' E. bet. secs 25 and 26.

Descend gradually along N. slope of range.

20.33 Trail; at bottom of descent bears E. and W.

25.00 Begin gradual ascent along S. slope of low hills.

29.07 Wire fence; bears N. 75° W. and S. 75° E.

33.50 Foot of high range. ascend along S. slope.

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec. cor. bet secs 25-36, dug pits 18x18x12 ins. N. and 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.

Chains

45.00 Foot of ridge; bears E. and W.; ascend abruptly along S. slope, over broken land.

69.00 Top of ascent, thence along ridge; bears N. and S.

75.00 Top of ascent on ridge, 200 ft above valley; thence over broken land.

80.00 Deposited a charred stake 12 ins in the ground for cor. of secs. 23. 24. 25. and 26; dug pits 18x18x12 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 22 N. S. 24. on NE.

R 41 W S 25. on SE.

S 26, on SW. and

S 23. on NW. faces. with 2 notches on S. and 1 on E. edges.

Land, rolling and hilly.

Soil, sandy; 3rd rate.

No timber. Sand and bunch grass.

N. 89°54' E. on a random line bet. secs. 24. & 25.

40.00 Set temp. ¼ sec. cor.

80.18 Intersect E. bdy. of Tp. 4 lks. S. of the cor. of secs. 19. 24. 25. and 30.

Thence I run

S. 89°52' W. on true line bet. secs. 24 and 25.

Over level land.

3.00 Foot of range, bears NE. & SW., ascend abruptly along SE. slope

8.90 Top of ascent, 50 ft. above cor.; descend along W. slope of ridge.

12.70 Bottom of descent in a ravine 40 ft. deep. bears N. and S.; Trail at bottom of descent. ascend along E. slope of ridge.

27.20 Ridge bears N. 20° E. thence over broken land.

40.09 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor.; bet secs 24-25, 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.

Chains

In E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on N. face.
Descend along SW. slope of ridge.
45.00 Bottom of descent in ravine: bears NW. and SE.: ascend along NE. slope of ridge.
63.00 Top of ridge 50 ft. above 1/4 cor. bears N. 30° W. and S. 30° E.; thence along top of range over sand ridges and ravines.
72.00 Top of high sand ridge, 150 ft. above valley; bears NW. and SE.; descend abruptly along SW. slope.
80.18 The cor. of secs. 23. 24. 25. and 26.
Land, high sand hills.
Soil, sandy: 3rd rate.
No timber. sand and bunch grass.

N. 0° 09' E. bet. secs 23. and 24.
Along E. face of ridge, on top of range.
6.00 Begin descent along N. slope of range.
15.00 Ravine 30 ft. deep. bears N. 40° W. and S. 40° E.
20.00 Ridge, bears N. 40° W. and S. 40° E.; descend along N. E. slope.
40.00 Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor. bet secs 23-24, dug pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high over deposit.
In S. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S., on W. face.
47.00 Trail, at bottom of descent; bears N. 70° W. and S. 70° E.; ascend along SW. slope of range, over low ridges.
76.00 Ravine 20 ft. deep; bears E. and W.
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. 13. 14. 23. and 24. marked
T 22 N S 13, on NE.
R 41 W S 24, on SE.
S 23, on SW. and
S 14, on NW. faces: with 3 notches on

Chains

S. and 1 on E. edges.: dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high W. of cor.
Land. sand hills.
Soil. sandy; 3rd rate.
No timber. Sand and bunch grass.

N. 89° 52' E. on a random line bet. secs. 13 and 24.
40.00 Set temp. 1/4 sec. cor.
80.14 Intersect E. bdy. of Tp. 22 lks N. of cor. of secs 13. 18. 19. and 24.
Thence I run
N. 89° 59' W. on a true line bet. secs. 13 and 24.
Over rolling land, along S. slope of low hills.
27.00 Foot of low hills. bears N. 50° E. and S. 50° W.
Ascend over low hills.
40.07 Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor. bet secs 13 & 24: dug pits 18 x 18 x 12 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
1/4 S, on N. face.
This 1/4 sec. cor. is situated at foot of steep sand-ridge: ascend abruptly along E. slope of ridge.
41.00 Top of ridge 30 ft. high. thence over broken sand ridges. along E. slope of range.
58.00 Top of ascent. on ridge: bears S. 20° E. and N. 30° W.: thence over rolling hills. along top of range.
64.00 Begin descent along W. slope of range.
80.14 The cor. of secs. 13. 14. 23. and 24.
Land, hilly.
Soil. sandy; 3rd and 4th rate.
No timber. sand and bunch grass.

Subdivision of T. 22 N. R. 41 W. continued

Chains

N. 0°09' E. bet. secs. 13 and 14.
ascend along SW. slope of ridge.

12.00 Top of ascent, 15 ft. above cor.; thence descend along NW. slope of range, over ridges and ravines.

30.00 Bottom of descent, thence over rolling foot hills.

40.00 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. bet secs 13-14 dug pits 18x18x12 ins. N. and 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 slightly.

41.00 S. edge of neck of valley: bears E. and W.

43.50 N. " " "
Ascend over low hills.

46.00 Top of ascent; descend gradually.

66.00 Bottom of descent in ravine or pass: bears N. 70° W. and S. 70° E.: trail at bottom of descent.
Ascend over rolling land, along SW. slope of range.

80.00 Deposited a charred stake 12 ins. in the ground for cor. of secs. 11. 12. 13. and 14. dug pits 18x18x12 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 22 N S 12. on NE.
R 41 W S 13. on SE.
S 14. on SW. and
S 11. on NW. faces. with 4 notches on S. and 1 notch on E. edges.
Land. hilly.
Soil. sandy: 3rd rate.
No timber. Sand and bunch grass.

Subdivision of T. 22 N. R. 41 W.

Chains

S. 89°59' E. on a random line bet. secs. 12 & 13.

40.00 Set temp. ¼ sec. cor.

80.22 Intersect E. bdy. of Tp. 3 lks N. of the cor of secs. 7. 12. 13. and 18.
Thence I run
N. 89°58' W. on true line bet. secs. 12 and 13.

8.00 Descend along SW. slope of range.

18.00 Bottom of descent: thence over low hills.

36.00 Enter rolling bottom land: bears N. and S.

40.11 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. bet secs 12-13 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
¼ S; on N. face.
Over level land.

44.00 Ascend along SE. slope of range, over low sand ridges.

55.20 Top of ascent, on a sand peak 20 ft. high. thence over low sand bluffs.

74.00 Begin gradual descent along SW. slope of range.

80.22 The cor. of secs 11. 12. 13. and 14.
Land. level, and hilly.
Soil. sandy. 3rd rate.
No timber. Sand and bunch grass.

N. 0°09' E. bet. secs. 11 and 12.
Ascend along SW. slope of range.

5.00 Top of ridge 30 ft. above cor.; bears N. 30° W. and S. 30° E.: thence ascend slightly along top of range.

23.00 Top of ascent on range 75 ft. high, thence over rolling land on top of range.

40.00 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. bet secs 11-12 dug pits 18x18x12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.

Chains.

In S. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
1/4 S; on W. face.
Ascend over rolling land.

48.00 Ridge 20 ft. high, bears N. and S. thence over broken land.

58.00 Sand peak or bluff. 30 ft. high: descend along NW. slope of range over broken land. ridges and ravines

80.00 Deposited a chained stake 12 ins. in the ground for cor. of secs. 1. 2. 11. and 12; dug pits 18x18x12 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 22 N S1. on NE.
R 41 W S12. on SE.
S11. on SW. and
S2. on NW. faces. with 5 notches on S. and 1 on E. edges.
Land. very hilly and broken.
Soil. sandy: 3rd rate.
No timber. Sand and bunch grass.

S. 89°58' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect E. bdy. of Tp. 12 lks N. of cor. of secs. 1. 6. 7. and 12.
Thence I run
N. 89°53' W. on true line bet. secs. 1 and 12.
Descend along N. face of ridge.

9.00 Begin descent along W. slope of range. over broken land. ridges and ravines.

36.00 Bottom of descent, enter level land. bears N. 20° E. and S. 20° W.

40.06 Deposited a chained stake 12 ins. in the ground for 1/4 sec. cor. but secs 1-12 dug pits 18x18x12 ins. E. and W.

Chains.

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
1/4 S: on N. face.

44.00 Leave level land. foot of hills bears N. 30° W. and S. 30° E.; ascend along NE. slope.

52.50 Top of ascent 40 ft. high. thence ascend slightly, along N. face of ridge

71.00 Descend gently over rolling land. along NW. slope.

80.12 The cor. of secs. 1. 2. 11. and 12.
Land. hilly and rolling.
Soil. sandy: 3rd rate.
No timber: sand and bunch grass.
September 9, 1895.

N. 0°09' E. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

79.88 Intersect N. bdy. of Tp. 24 lks W. of cor. of secs 1. 2. 35. and 36.
Thence I run
S. 0°19' W. on true line bet. secs. 1 and 2.
Ascend along N. slope of range, over ridges and ravines.

16.00 Ravine 30 ft. deep: bears NW. and SE.

35.00 Top of ascent on range, bears NE. and SW. thence over broken sand ridges.

39.88 Deposited a chained stake 12 ins. in the ground, for 1/4 sec. cor. but secs 1-2 dug pits 18x18x12 ins. N. and 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
1/4 S: on W. face.

43.10 Begin gradual descent along S. face of range.

59.20 Descend abruptly.

67.78 Wire fence: bears N. 70° E. and S. 70° W.

70.00 Bottom of descent, ascend over rolling land.

Chains

75.00 Top of ascent, thence over rolling land

79.88 The cor. of secs 1. 2. 11. and 12.

Land, hilly and rolling.

Soil, sandy; 3rd rate.

No timber. sand and bunch grass.

September 12, 1895.

From the cor. of secs. 2. 3. 34. and 35. on the S. bdy. of Tp. heretofore described. I run N. 0°08' E. bet. secs. 34. and 35.

Descend slightly over rolling foot hills.

8.00 S. edge. of neck of valley.

11.00 N. " " "

27.00 Leave valley, ascend along S.E. slope of range.

40.00 Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor. but secs 34-35; dug pits 18x18x12 ins. N. and 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 1/4 S; on W. face.

61.00 Top of ascent on range; bears N. 30° E. and S. 30° W.: thence along top of range over rolling land.

72.00 Begin descent along N. slope of range.

80.00 Deposited a charred stake 12 ins in the ground for cor. of secs. 26. 27. 34. and 35.; dug pits 18x18x12 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 22 N S 26. on NE.

R 41 W S 35. on SE.

S 34. on SW. and

S 27. on NW. faces with 1 notch on S. and 2 notches on E. edges.

Land. hilly.

Soil, sandy: 3rd rate.

No timber. Sand and bunch grass.

Chains

East, on a random line bet. secs 26 and 35.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect W.T.S line 2 lks N. of the cor. of secs. 25. 26. 35. and 36.

Thence I run

N. 89° 59' W. on true line bet secs. 26 and 35.

Ascend along NE. slope of range, over low ridges and ravines.

26.00 Top of ridge 40 ft. above cor.; descend along W. slope.

29.30 Ravine 30 ft. deep. bears N. and S.; ascend along E. slope of ridge.

33.00 Top of ascent on ridge; thence descend along SW. slope.

37.50 Bottom of descent, in ravine 30 ft. deep. bears N. 20° W.; thence ascend along NE. slope of range.

40.08 Deposited a charred stake 12 ins. in the ground for 1/4 sec cor. but secs 26-35; 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 1/4 S.: on N. face.

41.00 Top of ascent; thence along N. slope of range.

51.65 Ravine 3 chs. wide, 40 ft. deep. bears N. & S.

53.00 E. edge of ravine; descend

59.00 Bottom of descent, in ravine 20 ft. deep. ascend along E. slope of ridge.

61.70 Top of ascent, thence over low ridges and ravines, along N. slope of range.

80.16 The cor. of secs. 26. 27. 34. and 35.

Land hilly.

Soil, sandy; 3rd rate.

No timber. Sand and bunch grass.

Chains.

N. 0° 08' E. bet. secs. 26 and 27.
Descend along N. slope of range.

17.85 Bottom of descent; Trail, bears E. and W.

23.00 Foot of range bears E. and W., ascend abruptly along S. slope of range.

31.00 Top of ascent, 30 ft. high, on E. slope of range, bears E. and W. thence along top of range.

40.00 Deposited a chamfered stake 12 ins. in the ground for 1/4 sec. cor. bet secs 26 & 27 dug pits 18x18x12 ins. N. and 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 1/4 S., on W. face.

46.00 Begin descent along N. slope of range.

53.77 Wire fence; bears N. 80° W. and S. 80° E.

64.00 Bottom of descent, at foot of range, bears E. and W. Ascend abruptly along S. slope.

72.00 Top of ascent on bluff, 75 ft. above bottom. thence ascend along S. face of range.

77.00 Top of range, 100 ft. high: bears E. and W. Descend slightly.

80.00 Deposited a chamfered stake 12 ins. in the ground for cor. of secs 22. 23. 26. and 27: dug pits 18x18x12 ins. in each sec. 4 ft dist. and raised a mound of earth, 3½ ft base 1½ ft. high over deposit.
In SE. pit, drove an oak stake 2 ft long 2 ins. sq. 12 ins. in the ground, marked
T 22 N S 23. on NE.
R 41 W S 26. on SE.
S 27. on SW. and
S 22. on NW. faces: with 2 notches on S. and E. edges.
Land, hilly.
Soil, sandy; 3rd rate.
No timber. Sand and bunch grass.

Chains

S. 89° 59' E. on a random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line 15 lks. S. of cor. of secs. 23. 24. 25. and 26.
Thence I run
S. 89° 55' W. on true line bet. secs. 23. and 26.
Ascend abruptly.

3.00 Top of ascent on ridge 30 ft. above cor. descend along W. slope of ridge.

10.00 Bottom of descent in ravine: bears N. and S. Ascend along top of range.

24.00 Top of ascent: descend over broken land along W. slope.

39.00 Bottom of descent, in a depression.

40.05 Deposited a chamfered stake 12 ins. in the ground for 1/4 sec. cor. bet secs 23 & 26 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
1/4 S., on N. face.
This 1/4 sec. cor. is situated in a depression.
Ascend over broken land.

44.00 Top of ascent, 30 ft. above 1/4 sec. cor. thence along top of range, over ridges and ravines

64.00 Ridge 20 ft. high, bears N. and S.

71.00 Bottom of a depression, bears S. 20° E. and N. 20° W. ascend along E. slope of ridge.

74.00 Top of ridge 30 ft. high bears S. 20° E and N. 20° W.; descend over broken land.

80.10 The cor. of secs. 22. 23. 26. and 27.
Land, hilly and broken.
Soil, sandy; 3rd and 4th rate.
No timber. Sand and bunch grass.

Chains

N. 0°08' E. bet. secs. 22 and 23.
Descend along E. face of ridge.
3.00 Bottom of descent, in pot hole 30 ft below cor.; ascend along SW. slope of ridge, over broken land.
10.30 Begin descent along N. slope of range.
25.00 Bottom of descent in ravine bears N. and S. thence, descend gently over rolling land.
40.00 Deposited a chamed stake 12 ins. in the ground for ¼ sec. cor. bet secs 22-23; dug pits 18X18X12 ins. N. & S. of cor. 4 ft. disk 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 basin like bottom.
46.00 Begin ascent along SE. slope of range of low hills.
65.00 Top of ascent 40 ft. high; thence along top of range: bears S. 60° W. and N. 60° E.
67.00 Begin descent along NE. slope of range over rolling land.
75.00 S. edge of circular depression.
80.00 Deposited a chamed stake 12 ins. in the ground for cor. of secs. 14, 15, 22, and 23; dug pits 18X18X12 ins. in each sec. 4 ft. disk 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 22 N S 14. on NE.
R 41 W S 23. on SE.
S 22. on SW. and
S 15. on NW. faces. with 3 notches on S. and 2 on E. edges.
Land rolling and hilly.
Soil, sandy; 3rd rate.
No timber: Sand and bunch grass.

N. 89°55' E. on a random line bet. secs. 14 and 23
40.00 Set temp. ¼ sec. cor.

Chains

79.98 Intersect N. & S. line 7 lks S. of the cor. of secs 13, 14, 23, and 24.
Thence I run
S. 89°52' W. on true line bet. secs. 14 and 23.
Descend along SW. slope of range.
21.00 Bottom of descent; thence over rolling land.
21.28 Trail; bears N. and S.
35.00 E. edge of alkali flat.; bears N. 40° E. and S. 40° W.
39.99 Deposited a chamed stake 12 ins in the ground for ¼ sec. cor. bet secs 14-23; dug pits 18X18X12 ins. E and W. of cor. 4 ft. disk 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
¼ S, on N. face.
61.00 W. edge of alkali flat. bears S. 20° E. and N. 20° W.
67.00 Trail; bears S. 60° E. and N. 60° W. ascend over low hills.
79.98 The cor. of secs. 14, 15, 22, and 23.
Land. level and rolling.
Soil, sandy and alkali 3rd rate.
No timber. Sand alkali and bunch grass.

N. 0°08' E. bet. secs. 14 and 15.
Over rolling ground.
5.00 Trail; bears E. and W.; ascend gradually along S. slope of range.
40.00 Deposited a chamed stake 12 ins. in the ground for ¼ sec. cor. bet secs 14-15; dug pits 18X18X12 ins. N. & S. of cor. 4 ft. disk 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 Ascend along SE. slope of ridge 75 ft. above valley.
54.00 Begin descent along N. slope of range.

Chains

77.00 Bottom of descent, in basin like bottom:

79.00 Wire fence, bears N. 60° E. and S. 60° W.: ascend along S.E. slope of bluff.

80.00 Deposited a charred stake 12 ins. in the ground for cor. of secs. 10. 11. 14. and 15.; 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 22 N S 11: on NE.

R 41 W S 14. on SE.

S 15, on SW. and

S 10. on NW. faces with 4 notches on S. and 2 on E. edges.

Land. hilly.

Soil. sandy; 3rd rate.

No timber. Sand and bunch grass.

N. 89° 52' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 8 lks. N. of cor. of secs 11, 12, 13. and 14.

Thence I run

S. 89° 55' W. on true line bet. secs. 11 and 14.

Descend along S.W. slope of range, over low hills.

23.00 Enter rolling land. at bottom of descent.

39.98 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. but secs 11-14 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 the ground, marked

¼ S; on N. face

Ascend slightly over rolling land.

42.16 Trail: bears N. 10° W. and S. 10° E.

46.00 Foot of range; bears N. 50° W. and S. 50° E. ascend along S. slope, over low hills.

60.00 Top of ascent on ridge, bears S. 70° E. and N. 70° W. descend over low hills. along SW. slope.

Chains

78.42 Wire fence: bears N. 60° E. and S. 60° W.

79.96 The cor. of secs. 10. 11. 14. and 15.

Land hilly.

Soil. sandy: 3rd rate.

No timber. Sand and bunch grass.

N. 0° 08' E. bet. secs. 10 and 11.

Ascend along S.E. slope of range over low hills.

6.00 Top of ascent, on S.E. face of bluff.

9.00 Begin descent along NE. slope.

20.00 Bottom of descent, enter level bottom land. bears N. 70° W., and S. 70° E.

40.00 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. but secs 10-11 dug pits 18 X 18 X 12 ins. N. and 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.

Ascend over rolling land.

66.00 Trail: bears N. 60° W. and S. 60° E.

72.00 Top of range, bears NW. and SE: descend slightly along top of range.

80.00 Deposited a charred stake 12 ins. in the ground for cor. of secs. 2, 3, 10, and 11. 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 22 N S 2. on NE.

R 41 W S 11. on SE.

S 10. on SW. and

S 3. on NW. faces. with 5 notches on S. and 2. on E. edges.

Land, hilly and rolling.

Soil. sandy and alkali; 3rd rate.

No timber. Sand and bunch grass.

Chains.

N. 89°55' E. on a random line bet. secs. 2 and 11.

40.00 Set temp. ¼ sec. cor.

79.94 Intersect N. and S. line 10 lks N. of cor. of secs. 1. 2. 11. and 12.

Thence I run

S. 89°59' W. on true line bet. secs. 2. and 11.

Descend along NW. slope of low hills. over rolling land.

16.00 Bottom of descent; thence over rolling land.

27.25 Wire fence: bears S. 70° W. and N. 70° E.

39.97 Deposited a chained stake 12 ins. in the ground for ¼ sec. cor. bet secs 2-11 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 ¼ S; on N. face.

47.00 Begin ascent over low rolling hills. bears N. 20° W. and S. 20° E.

63.17 Wire fence; bears N. 45° W. and S. 45° E.

79.94 The cor. of secs 2. 3. 10. and 11.

Land. rolling and hilly.

Soil. sandy: 3rd rate.

No timber: sand and bunch grass.

September 10, 1895.

N. 0°08' E. on a random line bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. bdy. of Tp. 21 lks W. of the cor. of secs. 2. 3. 34. and 35.

Thence I run S. 0°17' W. on true line bet. secs. 2 and 3.

Descend along SW. slope over broken land.

25.00 Depression 20 ft. deep. ascend over rolling land.

28.00 Top of ascent on W. face of ridge: bears S. 60° E. and N. 60° W.: descend along SW. slope of ridge.

39.90 Deposited a chained stake 12 ins. in the ground for ¼ sec. cor. bet secs 2-3 dug pits 18X18X12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth

Chains

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 ridges and ravines along SW. slope of range.

67.26 Wire fence; bears N. 40° W. and S. 40° E.

74.00 Foot of descent 40 ft. below cor.: thence over rolling land.

79.90 The cor. of secs 2. 3. 10. and 11.

Land, hilly.

Soil. sandy; 3rd rate.

No timber. Sand and bunch grass.

September 12, 1895.

From the cor. of secs. 3, 4. 33. and 34. on the S. bdy. of the Tp. heretofore described, I run N. 0°07' E. bet. secs. 33 and 34.

Descend along NW. slope of range

10.40 Bottom of descent in pass: bears N. 70° E. and S. 70° W. 20 ft. below cor. thence over rolling land.

28.00 Foot of bluffs. bears E. and W.: ascend along S. slope.

30.00 Top of ascent 40 ft. high. thence ascend along S. face of range.

36.00 Sand blowout 30 ft. deep.

39.20 Top of range; bears E. and W.

40.00 Deposited a chanel stake 12 ins. in the ground for ¼ sec. cor. bet. secs. 33. and 34: dug pits 18X18X12 ins. N. and 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 N. face.

Over broken land along E. face of range

51.00 Begin descent along N. slope of range over ridges and ravines.

Chains.

76.00 Bottom of descent; enter rolling valley. bears S. 70° E. and N. 70° W.

80.00 Set an oak post 3 ft. long 4 ins. sq. with a chamed stake 24 ins. in the ground, for cor of secs. 27. 28. 33. and 34. marked
T22N S27. on NE.
R41W S34. on SE.
S33. on SW. and
S28. on NW. faces with 1 notch on S. and 3 on E. edges. dug pits 18X18X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
Land rolling and hilly.
Soil, sandy; 3rd rate.
No timber: Sand and bunch grass.

East, on a random line bet. secs. 27. and 34.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs. 26. 27. 34. and 35.
Thence I run
S. 89° 59' W. on true line bet. secs. 27 and 34.
Descend gradually along NW. slope of range.

24.00 Bottom of descent; thence over rolling land.

40.00 Deposited a chamed stake 12 ins. in the ground for ¼ sec. cor. but secs 27-34; 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
¼ S., on N. face.
Over rolling land.

80.00 The cor. of secs 27. 28. 33. and 34.
Land, rolling.
Soil, sandy; 3rd rate.
No timber. Sand and bunch grass.

Chains.

N. 0° 07' E. bet. secs. 27. and 28.
Over rolling land.

4.00 S. edge of alkali lake bed.

13.00 N. " " " "

13.38 Trail, bears S. 80° W.

40.00 Deposited a chamed stake 12 ins. in the ground for ¼ sec. cor. but secs 27-28; dug pits 18X18X12 ins. N. and 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 2 ft. long 2 ins sq. 12 ins. in the ground, marked
¼ S, on W. face.

44.00 Foot of range: ascend abruptly along SE. slope.

50.00 Top of ascent on bluff 40 ft. high: thence ascend along SE. face of range.

55.00 Top of range 75 ft. above valley; bears E. and W.: thence along E. face of range over broken land.

80.00 Deposited a chamed stake 12 ins in the ground for cor. of secs 21. 22. 27. and 28: dug pits 18X18X12 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
T22N. S. 22. on NE.
R41W S 27. on SE.
S28. on SW. and
S 21. on NW. faces with 2 notches on S. and 3 on E. edges.
Land: level and hilly.
Soil, sandy; 3rd rate.
No timber: Sand and bunch grass.

N. 89° 59' E. on a random line bet. secs. 22 & 27.

40.00 Set temp. ¼ sec. cor.

80.22 Intersect N. and S. line 28 lks N. of the cor of secs. 22. 23. 26. and 27.
Thence I run
N. 89° 49' W. on true line bet. secs. 22 and 27

Chains

Ascend along S. face of range, over broken sand ridges.

10.22 Top of ascent, on ridge. E. edge of blow out: bears S. 10° E. and N. 20° W. - 200 feet above valley. Descend abruptly along W. slope.

15.00 Bottom of descent in blowout. 75 ft. deep. ascend abruptly.

17.70 W. edge of blowout. Thence descend along SW. face of range. over low ridges and ravines.

30.00 Begin gradual descent along SW. slope.

38.03 Wire fence. bears N. 60° W. and S. 60° E.

40.11 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. not secs 22-27 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 the ground, marked ¼ S., on W. face.

44.00 Begin descent along W. slope of range.

58.00 Bottom of descent, in ravine: bears W. and S. 20° W.; ascend over low hills.

64.00 Begin abrupt ascent along NE. face of range.

66.50 Top of ascent, 40 ft. high: thence over ridges and ravines along NE. face of range.

80.22 The cor. of secs. 21. 22. 27. and 28.

Land, sand hills.

Soil, sandy; 3rd rate.

No timber. Sand. and bunch grass.

N. 0° 07' E. bet. secs. 21. and 22.

Over rolling land, on top of range.

3.00 Begin descent along NE. slope.

17.00 Bottom of descent, in neck of basin like bottom: bears N. 60° W. and S. 60° E.

24.00 Leave bottom and begin ascent along SE. slope of range.

31.00 Top of bluff, bears S. 70° W. ascend along SE. face.

32.52 Wire fence: bears N. 57° W. and S. 57° E.

36.50 Top of ascent on range. Thence along E. face over rolling land.

Chains

40.00 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. not secs 21-22 dug pits 18 x 18 x 12 ins. N. and 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 Begin descent along NE. face of range.

47.50 Descend gradually along NE. slope.

65.00 Bottom of descent: thence over rolling land

70.31 Wire fence bears NE. and SW.

76.00 Enter alkali flat. bears E. and W.

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. 15. 16. 21. and 22. marked.

T 22 N. S 15. on NE.

R 41 W S 22. on SE.

S 21. on SW. and

S 16. on NW. faces: with 3 notches on S. and E. 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. level and hilly.

Soil sandy and alkali: 3rd rate.

No timber. Sand and bunch grass.

S. 89° 49' E. on a random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line 6 lks S. of the cor. of secs. 10. 11. 14. and 15.

Thence S mm

N. 89° 52' W. on true line bet. secs. 15 and 22.

Ascend gradually, along NE. slope of range.

11.00 Top of ascent: thence over low ridges and ravines along W. slope of range.

40.05 Deposited a charred stake 12 ins. in the ground for ¼ sec. cor. not secs 15-22 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.

Chains

In E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S, on N. face.

52.00 Begin descent, along NW. slope of range.

56.00 Bottom of descent, enter level land, bears N. & S.

70.00 E. edge of alkali basin.

74.70 Wire fence: bears N. 30° E. and S. 30° W.

80.10 The cor. of secs 15. 16. 21. and 22.

Land, level and rolling.

Soil, alkali and sandy; 3rd rate.

No timber. alkali, sand, and bunch grass.

N. 0° 07' E. bet. secs. 15 and 16.

Over alkali land.

7.00 Leave alkali land.

10.00 Foot of low hills: bears E. & W.; ascend along S. slope of range.

14.00 Top of ascent, on sand ridge, 40 ft. above valley; thence along top of range, over broken sand ridges.

30.00 Begin descent, along N. slope of range, over broken land.

40.00 Deposited a chained stake 12 ins. in the ground for ¼ sec. cor.: dug pits 18 x 18 x 12 ins. N. and S. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
not secs. 13-15
In S. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S, on W. face.

43.00 Enter level land at foot of descent: bears N. 80° W. and S. 80° E.

50.00 Enter alkali land: bears E. and W.

74.00 Leave alkali land, bears NE. and SW. over level land.

80.00 Deposited a chained stake 12 ins. in the ground for cor. of secs. 9, 10, 15, and 16.; 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.

Chains

In S.E. pit, drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
T 22 N S 10. on NE.
R 41 W S 15. on SE.
S 16. on SW. and
S 9. on NW. faces, with 4 notches on S. and 3 on E. edges.

Land, level and hilly.

Soil, alkali and sandy: 3rd rate.

No timber. Sand, alkali, and bunch grass.

S. 89° 52' E. on a random line bet. secs. 10 & 15.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line 2 lks N. of cor. of secs. 10 11. 14. and 15.

Thence I run
N. 89° 51' W. on true line bet. secs 10 and 15.

Ascend along NE. slope of range over ridges and ravines.

21.00 Top of ascent on ridge 75 ft. high: bears SW. and NE. descend along NW. slope of ridge

30.00 Bottom of descent, in a depression 20 ft. deep, bears NW. and SE.; ascend slightly

32.00 Top of ascent on sand ridge; descend along SW. face of range over sand ridges.

40.01 Deposited a chained 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 the ground, marked
¼ S, on N. face.

47.00 Begin descent along SW. slope of range.

58.00 Foot of descent: bears E. and W.

63.35 A point 1.25 chs N. of NE. cor. of an abandoned plowed field of 10 acres.

68.09 A point 75 lks N. of NW. cor. of plowed field

70.00 E. edge of neck of alkali basin: bears N. and S.

71.00 W. " " " " "

Chains.

80.02 The cor. of secs. 9. 10. 15. and 16.
Land. rolling and hilly.
Soil alkali and sandy; 3rd rate.
No timber. sand alkali and bunch grass.

N. 0°07' E. bet. secs. 9 and 10.
Over level land.
1.50 S. edge of cane slough: bears SW. and NE.
4.00 N. " " "
8.50 Foot of range bears S. 75° W. and N. 75° E: ascend gradually along SE. slope.
40.00 Deposited a chamed stake 12 ins. in the ground for 1/4 sec. cor. bet secs 9-10 dug pits 18 X 18 X 12 ins. N. and 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
1/4 S, on W face.
Ascend over broken land.
45.00 Top of ascent 75 ft. above valley. range bears N. 45° E.; descend along NW. face of range.
70.00 Begin descent along N. slope of range.
74.00 Ravine, bears NW. and SE.
80.00 Set an oak post 3 ft. long 4 ins. sq. with a chamed stake 24 ins. in the ground for cor. of secs 3. 4. 9. and 10. marked
T 22 N. S 3. on NE.
R 41 W S 10. on SE.
S 9. on SW. and
S 4. on NW. faces, with 5 notches on S. and 3 on E. 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 hilly.
Soil. alkali and sandy; 3rd rate.
No timber. Sand. alkali and bunch grass.

Chains.

S. 89°51' E. on a random line bet. secs. 3 & 10.
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N. and S. line 24 lks. S. of cor. of secs. 2. 3. 10. and 11.
Thence I run
S. 89°59' W. on a true line bet. secs. 3 and 10.
Over rolling land.
10.20 Trail: bears N. 20° W. descend slightly.
16.00 Bottom of descent in pass. 20 ft. deep: bears N. and S: ascend along NE. slope of range over broken land, ridges and ravines.
33.00 Top of ascent on ridge or bluff. bears N. 40° W. descend abruptly.
40.10 Deposited a chamed stake 12 ins. in the ground for 1/4 sec. cor. bet secs 3 & 10; 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 the ground, marked
1/4 S, on N. face.
Ascend over broken sand ridges.
51.55 Top of ascent on ridge 75 ft. high, bears N. 20° W.; Descend along NE. slope of ridge.
54.00 Ravine 30 ft. deep: bears N. 30° W.: thence ascend along N. slope of range, over low ridges. and ravines.
80.20 The cor. of secs. 3. 4. 9. and 10.
Land. hilly.
Soil. sandy; 3rd rate.
No timber: Sand and bunch grass.
September 11, 1895.

N. 0°07' E. on a random line bet. secs 3 & 4.
40.00 Set temp. 1/4 sec. cor.
79.84 Intersect N. bdy of Tp. 30 lks W. of the cor. of secs. 3. 4. 33. and 34.
Thence I run
S. 0°20' W. on true line bet. secs. 3 and 4.
Over rolling land.

Subdivision of T. 22 N. R. 41 W.

Chains.

2.00 Foot of low hills: ascend over rolling hills.
6.00 Top of ascent on ridge: bears E. and W.: descend over rolling land along S. slope
15.00 Enter level land, bears S. 80° W. and N. 40° E.
37.34 Trail: bears N. 80° E. and S. 80° W.
39.84 Deposited a charred stake 12 ins. in the ground for ¼ sec cor. but secs 3-4; dug pits 18x18x12 ins. N. and 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.
45.00 Leave level land; over low rolling hills.
50.00 Foot of range: ascend gradually along N. slope.
79.84 The cor. of secs 3. 4. 9. and 10.
Land, hilly and level.
Soil, sandy: 3rd rate.
No timber: Sand and bunch grass.
September 12, 1895.

General Description.

This Tp. consists of a series of very high broken ranges of sand hills, with basin-like valleys bet. ranges, which are subject to over flow in spring.
The vegetation consists of a bunch grass on hills, and a sand or alkali grass in valleys.
No timber of any description.
Soil very sandy, and unfit for cultivation

Willard W. Alt.
U.S. Surveyor.

September 12, 1895.

The Claim lines of T. 22 N. R. 41 W.

Chains

Sec 40

The T.C. claim of Edgar Yeast, on secs. 1. 2. 35. and 36. Ts 21 and 22 N. Area 159.20 acres.

The NE. cor. is a post in mound, with 4 pits, and was established by the County Surveyor of Sevel Co.
This cor. bears from the cor of Ts. 21 and 22 N. Rs. 40 and 41 W. - N. 19° 11' W. 19.67 chs. dist.
Lat. 18.58 N.; Dep. 6.46 chs. W.
1592 sq. chs. divided by 80. gives 19.90 chs for the width of claim.

From the NE. cor. of the claim. S mn
West, on true line, along N. bdy.
Over nearly level ground.
59.50 Wire fence; bears N. and S.
80.00 Deposit a charred stake 12 ins. in the ground for NW. cor. of the claim: dug pits 18x18x12 ins. E. and S. 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
E ¼ on SE. face.

From the NE. cor. of the claim. S mn
South, along E. bdy.
Over rolling land.
19.90 Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim. dug pits 18x18x12 ins. N. and W. of cor. 4 ft. dist. and raised a mound of earth, 3½ ft. base 1½ ft. high over deposit.
In N. pit drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
E ¼ on NW face.

Thence S mn
West. on true line, along S. bdy.

Chains

Over level ground.
2.33 Wire fence: bears N. 80° W.
3.00 Begin slight ascent, along NE. slope.
10.00 SE. cor. plowed field. bears N. about 8 chs. dist.
18.10 Sw. " " " " " " " "
20.00 Top of ascent. 30 ft. above valley: thence descend along N. foot-hills. of low range.
34.00 Bottom of descent: ascend.
52.00 Top of ascent. 40 ft.: thence along N. slope. over broken ground.
80.00 Set temp. Sw. cor.

Thence I run
North, on a random line
19.90 Intersect E. and W. line at the nw. cor. of claim.
Thence I run
South, on true line along W. bdy. of claim.
Over level ground.
9.00 Begin gentle ascent, along N. slope.
18.50 Top of ascent, 40 ft.
19.90 The temp. Sw. cor.
Deposit a chaned stake 12 ins. in the ground for the Sw. cor. of claim. dug pits 18x18x12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
C. N: on NE. face.
The N. part of claim lies in valley.
S. part in low hills.
Soil, sandy; 1st and 3rd rates.

Sec. 39

The T. C. claim of Gustaf Larson, on secs. 10 and 15. Area 80 acres.

The nw. cor. which was a peg, without pits or mound. I re-establish in its original position. Deposit a chaned stake 12 ins. in the ground. dug pits 18x18x12 ins. E. and S. of cor. 4 ft. dist.

Chains

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
G. L: on SE. face.
Thence I run
East, along N. bdy. of the claim.
Over rolling ground
16.50 Begin gradual ascent, along N. slope.
20.00 Deposit a chaned stake 12 ins. in the ground. for ne. cor. of the claim. dug pits 18x18x12 ins. S. and W. 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
G. L. 1 on Sw. face.

South, on true line, along E. bdy.
Along N. slope.
4.00 Begin gradual descent, along Sw. slope
10.00 Enter level ground: S. 30° E. and N. 30° W.
20.00 Enter alkali flat.
35.00 Enter dry lake bed of circular form.
40.00 Set temp. cor.

From the ne. cor. of the claim. I run
South, on true line, along N. bdy.
Over rolling ground.
6.10 N. edge of slough. bears E. and W.
7.15 S. " " thence over level ground.
40.00 Deposit a chaned stake 12 ins. in the ground. for Sw. cor. of the claim. dug pits 18x18x12 ins N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high over deposit.
In N. pit drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
G. L.; on NE. face.
From the ¼ sec. cor. bet. secs. 15. and 16. this cor. bears N. 12° 13' E. 10.95 chs. dist. Lat. 10.70 N: Dep. 2.32 E.

Chains

Thence I run
East. along S. bdy.
Over level ground.
15.00 Enter dry lake bed.
20.00 The temp. SE. cor.
Deposit a charred stake 12 ins. in the ground for SE. cor. of the claim. dug pits 18X18X12 ins N. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins sq. 12 ins. in the ground. marked
G S.: on NW. face.
Land. rolling alkali bottom.
Soil. sandy and alkali; 3rd rate.
November 9. 1895.

Sec. 38

The Fre. claim of Samuel Kirkpatrick; owned by Perry A. Yeast. on secs. 10 and 11; area 160 acres.

A cedar stake, marked ¼ ¼, with pits N. + S. is shown me as the Sw. cor. of the N. part. and NW. cor. of the S. part. of claim: From this cor. I run
South. on true line, along W. bdy. of the S. part of claim.
Over rolling ground.
2.00 Begin gradual ascent along N. slope.
11.00 Begin abrupt ascent.
19.00 Top of ascent. 75 ft. high: descend along Sw. slope.
20.00 Deposit a charred stake 12 ins. in the ground. for Sw. cor. of the claim. dug pits 18X18X12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base. 1½ ft. high, over deposit
In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
PAY: on NE. face.

From the Sw. cor. of the N. part of claim. I run
North: on true line, along W. bdy. of N. part of claim.
Over level ground.
9.00 Begin gradual ascent along S. slope.

Chains

20.00 Deposit a charred stake 12 ins. in the ground. for nw. cor. of the claim. dug pits 18X18X12 ins E. and S. 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
PAY: on SE. face.

From the Sw. cor. of the N. part of claim. - the cedar stake on W. bdy. - heretofore mentioned. - I run
East. on a blank line. through the claim.
20.00 Deposit a charred stake 12 ins. in the ground. for S.E. cor. of the N. part of claim. dug pits 18X18X12 ins. N. and E. of cor. 4 ft. dist. and raised a mound of earth. 3½ ft. base. 1½ ft. high, over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
PAY: on NW. face. Thence along N. bdy. of the S. part of the claim.
Over level ground.
52.50 Trail: bears N. 50° W.
58.11 Wire fence: bears S. 10° W.; enter rolling ground.
60.00 Deposit a charred stake 12 ins. in the ground. for NE. cor. of the S. part of claim. dug pits 18X18X12 ins. S. and W. 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
PAY: on Sw. face.
From the ¼ sec. cor. bet. secs. 10 and 11. this cor. bears. N. 89° 39' E. 21.50 chs. dist.
Lat 0.14 N. Dep. 21.50 chs E.

South. along E. bdy. of S. part of claim.
Over level land.
14.50 Trail: bears NW. and SE.; over alkali land.
20.00 Set temp. SE. cor. of claim.

Chains.

From the SW. cor. of the claim. I run
East. along the S. bdy. of claim.
Ascend along SW. slope.
6.00 Top of ascent: thence along N. slope, over ridges.
18.00 Begin gradual descent along NE. slope of range.
40.00 Bottom of descent: thence over rolling dry valley. bearing S. 80° E. and N. 80° W.
51.26 Wire fence: N. 10° E.: Over level alkali land.
60.00 The temp SE. cor.
Deposit a charred stake 12 ins. in the ground. for SE. cor. of claim.: dug pits 18 X 18 X 12 ins. N. and W. of cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high. over deposit.
In N. pit. drove an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground. marked
PAY; on NW. face.

From the SE. cor. of the N. part of claim.
I run
North: on true line, along E. bdy.
Over level ground.
13.00 Begin ascent. over rolling hills.
15.00 Top of ascent. 20 ft.: thence over rolling ground.
20.00 Deposit a charred stake 12 ins in the ground for NE. cor. of the N. part of claim. dug pits 18 X 18 X 12 ins S. and W. 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
PAY: on SW. face.

Thence I run
West. on a random line.
20.00 Intersect N. & S. line at NW. cor.
Thence
East. on true line. along N. bdy. of the N. part of claim.

Chains

Ascend over rolling ground.
5.00 Top of ascent. 20 ft.: thence descend along E. slope.
16.00 Bottom of descent: thence over rolling ground.
20.00 The NE. cor. of the N. part of claim.
Land. rolling valley in center of claim.
low hills in N. part. & E. part, alkali valley.
Sec cor. in sand bluffs.
Soil. sandy and alkali; 1st to 3rd rate.

Sec. 37

The Pre. claim of Gustaf Larson, 120 Ac. in Sec. 34 & 4. owned by Terry A Yeast, 46.98 Ac. in Sec. 3.
The E. bdy. is marked.

From the NE. cor. which is a stake marked ¼ ¼, with pits NW. and SE. I run
West. on true line along N. bdy.
Over level land.
5.85 Trail: bears S. 40° W.
23.40 Intersect N. bdy. of sec 3. where I deposit a charred stake 12 ins in the ground for closing cor. of N. bdy.: dug pits 18 X 18 X 12 ins. N. and E. 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
CC. on E. and
PAY; on S. and W. faces.

From the NE. cor. I run
South, on a random line, along E. bdy.
20.25 Intersect E. and W. line 43 lks E. of the SE. cor. of claim. which is a stake in mound. with pits N. and W.
Thence I run
N. 1° 12' E. on true line, along E. bdy.
Over level bottom.
9.00 Leave bottom: E. & W.: thence over rolling ground.
20.25 The NE. cor. of the claim.

Claim lines of T. 22 N.; R. 41 W.

Chains.

From the S.E. cor. of the claim. I run
West. on true line, along S. bdy.
Over alkali bottom.

13.00 Leave bottom: N. 70° W.; thence over rolling ground.

23.02 Intersect the W. bdy. of sec. 3., 58 lks. S. 0° 07' W. of the ¼ sec. cor. bet. secs. 3 and 4. where I deposit a charred stake 12 ins. in the ground for closing cor. of S. bdy. dug pits 18 X 18 X 12 ins. W. and E. 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
CC. on E. and
CA 4. on N. and W. faces.

Land. rolling valley.
Soil. sandy and alkali: 3rd rate.
November 11. 1895.

List of Names.

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

We hereby certify that we assisted .....
....., U. S. Deputy Surveyor, in surveying all those parts or portions of the .....
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.....
..... Meridian, ..., as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the U. S. Surveyor General for .....
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.....

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

SEAL

.....
.....

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Final Oath of U. S. Deputy Surveyor.

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

.....

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

.....

U. S. Deputy Surveyor.

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

SEAL

.....

.....

Approval.

Office of the ~~U. S. Surveyor General,~~ Commissioner of the General Land Office

Washington, D.C. April 30th, 1897.

The foregoing field notes of the survey of the subdivision and claim lines of Township 22 North Range No. 41 West of the 6th principal Meridian State of Nebraska.

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..... 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 surveys they describe, are hereby approved.

Binger Hermann

~~U. S. 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 T 22 N R 41 W, has been correctly copied from the original notes on file in this office.

Binger Hermann

~~U. S. Surveyor General.~~ Commissioner and ex officio Surveyor General for Nebraska.

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General Land Office • Original Field Notes

Book Number

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W.W. Alt Subdivision of T 22 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.