General Land Office • Original Field Notes

Book Number

12

The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.

51

a

5th Standard
Parallel North

R. 1 to 10 E

#12

5

Parallel North of the
ipal Meridian and
in the Territory of

A Manners
Deputy Surveyor
1856

Commenced June 14. 1857
Completed June 25. 1857

Contract No. 125

Field Notes

of the Survey of the Fifth Standard Parallel North of the Base Line between the 6th Principal Meridian and the Guide Meridian East therefrom in the Territory of Nebraska as Surveyed by

Charles A Manners
Deputy Surveyor

Under his contract dated July 7. 1856

Commenced June 14. 1857
Completed June 25. 1857

b

Names and duties of Assistants

Samuel Heming Charles C Wright	Fore Chainmen
William W R Clarke William P Steinberger	Rear-Chainmen
James T Lowry	Fore-Flagman
Warren G Simpson	Rear Flagman
Adam Gault	Axeman

c

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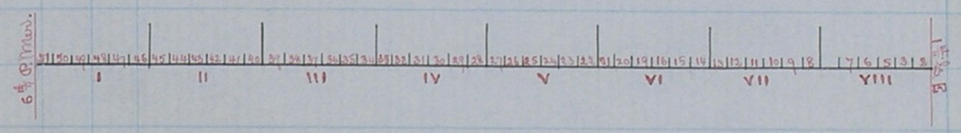
of

Fifth Standard Parallel North



Territory of Nebraska }
County of Douglas } ss

I Alfred Brotherton and William F. Goodwill do solemnly swear that I will faithfully execute the duties of Chain carriers that I will level the chain upon uneven ground and plumb the tally pins whether by sticking or dropping the same - that I will report the true distance to all notable objects and the true length of all lines, that I assist on measuring to the best of my skill and ability

Alfred × his Brotherton mark
William F. Goodwill

Sworn to and subscribed this
26th day of February AD 1856,
Before me
A D Lapphleton Notary Public
Douglas County N. T.

Territory of Nebraska }
Douglas County } ss

I Richard Williams do solemnly swear that I will well and truly perform the duties of Flagman according to instructions given me and to the best of my skill and ability

Richard Williams

Sworn & subscribed this
26th day of February AD 1856,
Before me
A D Lapphleton Notary Public
Douglas County N. T.

Fifth Standard Parallel North

Begin at the Post in a Mound at the corner to Townships 20 and 21 North, Ranges 1 East and 1 West of the 6th Principal Me-=ridian and from it run S89°50'E on a random line setting temporary Posts a every 40.00 and 80.00 chains for quarter section, section and Township corners respectively, and at 46 miles 58 chains and 93 links intersected the Guide Me-=ridian (between ranges 8 and 9 East) 612 links South of the Post in a Mound at the corner to townships 20 and 21 North, Variation of the Needle as shown by Burts im-=proved Solar Compass 12°15' East at the Beginning corner. In order to retrace this line so as to connect the corresponding corners on Principal and Guide Meridians, the correction will be 137 links north per mile very nearly, and the true course of the corrected line N 89°55' W. The correction in Range 8 East, necessary to ~~know~~ the convergency of the Meridians on the West side of said Range will be 18 chains and 91 links West at each corner. This line run S89°50' E. instead of due East on random to avoid un-=necessary labor in its correction. Surveyed on the 14th. 15th 16th and 17th days of June 1857

Fifth Standard Parallel North
R 8 E.

From the Post in a Mound at the corner to Townships 20 and 21 North, Ranges 8 and 9 East, I run Along the South Boundary of Section 36 T21 N R 8 E N 89° 55' W on a true line

Variation 12° 45' East

(The same variation tracing the Guide Meridian at this point).

16 00 Summit of a ridge bearing N. and S.

24 95 Drain, Course N 15° W

40 00 Set a post in a Mound with trench, pits and charred stake as per instructions for a quarter Section corner

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T21 N. R 8 E.

Land; rolling prairie

Soil 1st rate

Fifth Standard Parallel North
R 8 E.

Along the South Boundary of Section 35 T21 N R 8 E N 89° 55' W on a true line

Variation 13° 30' East

20 00 Drain, Course N W

27 00 Branch 5 links wide, Course S W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

69 60 Ravine 60 links wide skirted with timber, Course South,

74 50 Leave prairie and enter timber bearing N. and S E.

75 40 Elm 20 in. dia.

76 55 Logan Creek 60 links wide, Course S 30° W - on the Left bank of this Creek leave rolling upland and, on the right bank enter a low bottom sub=ject to inundation bearing North and S W.

79 00 Right bank of same Creek again bearing N 85° W and S 85° E

80 00 Corner in the Creek - inaccessable. As it is im=possible to establish permanently the corner to

Fifth Standard Parallel North
R 8 E

Sections 34 and 35 T 21 N in the Creek, I therefore select as the nearest suitable Witness point, a point 134 links South of said true Section corner, where I set a post with trench and charred stake as per instructions for a Witness Corner to the same from which

A Burr Oak 18 in. dia. bears S 75° E 36 links dist

A Burr Oak 18 in. dia. bears S 63° W 126 links dist

No other trees near suitable to mark

Land rolling

Soil 1st rate

Timber scattering; Elm and Burr Oak

Fifth Standard Parallel North
R 8 E.

Along the South Boundary of Section 34 T 21 N, R 8 E
N 89° 55' W on a true line

Variation 12° 30' East

1 50 Leave Logan Creek on its Left Bank bearing NW and SE

2 00 Leave timber and enter prairie bearing NE and S 60° E

11 30 Logan Creek 60 links wide - water 10 feet deep - gentle current - miry banks and bottom, Course South

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

Compared the measuring chains with the Standard and found them correct.

June 18. 1857

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 21 N.

Land; level bottom subject to inundation: Soil 1st rate

Cotton Wood, Willow and Elm timber skirting the Creek.

Fifth Standard Parallel North
R 8 E.

Along the South Boundary of Section 33 T21N. R8E
N 89° 55' W on a true line

Variation 12° 00' East

31 00 Leave low bottom (now inundated) and enter rolling upland bearing South and N 30° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

67 60 Spring Branch 5 links wide, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 21 N

Land prairie; 1st 30.00 chains level bottom - the re= = mainder rolling upland

Soil 1st rate

Fifth Standard Parallel North
R 8 E.

Along the South Boundary of Section 32 T 21 N R 8 E
N 89° 55' W on a true line

Variation 11° 40' East

28 50 Drain, Course S 30° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

58 93 Set a post in a Mound and drove a charred stake as per instructions for a corner to Ranges 7 and 8 East Township 21 North

Land; gently rolling prairie

Soil 1st rate

Fifth Standard Parallel North
R 7 E.

Along the South Boundary of Section 36 T 21 N. R 7 E
N 89° 55' W on a true line

Variation 11° 30' East

34 00 Drain, Course S 25° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

55 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 21 N

Land; rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 7 E.

Along the South Boundary of Section 35 T 21 N R 7 E
N 89° 55' W on a true line

Variation 11° 00' East

0 20 Branch 5 links wide, Course South

35 00 Spring Branch 5 links wide, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

70 00 Spring Branch 5 links wide, Course S 60° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 21 N

Land, rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 7 E.

Along the South Boundary of Section 34 T21N R7E
N 89° 55' W on a true line

Variation 10° 45' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

66 00 Summit of a ridge bearing N. and S.

80 00 Corner in a Spring Branch 5 links wide that runs S 10° W. In order to establish this corner permanently I select a point 50 links West of the true place for the same, where I set a post in a Mound and drove a charred stake as per instructions for a "Witness Corner" to sections 33 and 34 T21N

Land; rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 7 E.

Along the South Boundary of Section 33 T21 N, R 7 E
N 89° 55' W on a true line

Variation 10° 50' East.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

45 50 Drain, Course SE

75 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T21N

Land; rolling prairie
Soil 2d rate

Fifth Standard Parallel North
R 7 E.

Along the South Boundary of Section 32 T 21 N R 7 E.
N 89° 55' W on a true line

Variation 12° 20' East

17 30 Branch 15 links wide Course S E - Its general course South

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

Compared the measuring chains with the standard and found them correct

June 19. 1857

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 31 and 32 T 21 N

Land; rolling prairie
Soil sandy, 2d rate

Fifth Standard Parallel North
R 7 E

Along the South Boundary of Section 31 T 21 N R 7 E
N 89° 55' W on a true line

Variation 13° 20' East

10 00 Summit of a ridge bearing N. and S.

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (sections 36 and 31) Ranges 6 and 7 East T 21 N

Land; high rolling prairie
Soil sandy, 3d rate

Fifth Standard Parallel North
R 6 E.

Along the South Boundary of Section 36 T21 N R6E
N 89° 55' W on a true line

Variation 13° 30' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 21 N

Land; high rolling prairie
Soil sandy, 3d rate

Fifth Standard Parallel North
R 6 E.

Along the South Boundary of Section 35 T21 N, R 6 E
N 89° 55' W on a true line

Variation 14° 33' East

32 00 Summit of a ridge bearing N. and S.

38 00 Leave rolling upland and enter level bottom bearing N. and S.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T 21 N

Land prairie; East half mile rolling; Soil 3d rate
- the remainder level bottom subject to inun=
=dation; Soil 2d rate

Fifth Standard Parallel North
R 6 E

Along the South Boundary of Section 34 T 21 N R 6 E
N 89° 55' W on a true line

Variation 13° 45' East

40 00 Set a post for a quarter section corner from which
A Cotton Wood 20 in. dia. bears N 9¼° E 373 links dist.
A Burr Oak 8 in. dia. bears S 3° W 610 links dist.

62 23 Intersected the Left Bank of Elk Horn River bear=
=ing S 20° E and N 20° W, and set a Witness Post
from which
A Burr Oak 12 in. dia. bears N 5° E 107 links dist
A Willow 6 in. dia. bears S 42° E 184 links dist.

June 20. 1857

In order to obtain the distance across the river
I set a Witness post at the intersection of the line
with its right Bank from which
An Ash 6 in. dia. bears S 80° E 82 links dist
A Cotton Wood 9 in. dia. bears N 52½° W 239 links dist.
From the Witness post on the Right Bank I meas=

Fifth Standard Parallel North
R 6 E.

=ure a Base S 0° 05' W 300 links to a Station, and
extend the same to a station at 500 links. From
the last named Station the Witness Post on the Left
bank bears N 55° 19' E, and from the first, N 67° 28' E,
making the distance across between the Witness Posts
= 7.20 chains

Nat. Tang. 55° 14' = 1.440599 1/500 Nat. Tang. 67° 23' = 2.400377 4/300

Distance across - 7.20,2995500 - = - 7.20,1132200

7.20 chains added to 62.23 chains makes 69.43 chains;
hence at

69 43 Witness Post on the right bank of Elk Horn river (Wit=
=ness trees before described) – The bank bearing N 55° W
and S 75° E

75 00 Leave low bottom subject to inundation and enter
rolling upland bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake
as per instructions for a corner to sections 33 and

Fifth Standard Parallel North
R 6 E.

34 T 21 N.

The Elk Horn River which runs across this mile of line is not navigable, but at the time of Survey so swollen by rains that the bottoms are partially inundated. The banks and bottom are composed of shifting sand. Depth of water in the Channel about 18 feet – Current rapid.

Land; 1st 70.00 chains a low bottom subject to inundation – the remainder rolling upland; Soil 1st rate.

Scattering Cotton Wood and Willow trees skirting the river bank

Fifth Standard Parallel North
R 6 E

Along the South Boundary of Section 33 T 21 N. R 6 E
N 89° 55' W on a true line

Variation 13° 12' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 21 N

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 6 E

Along the South Boundary of Section 32 T 21 N R 6 E
N 89° 55' W on a true line
Variation 12° 55' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner

42 80 Indian Trail on a high ridge bearing N 10° E and S 10° W

70 00 Drain, Course S 10° W

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 21 N

Land, high rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 6 E

Along the South Boundary of Section 31 T 21 N R 6 E
N 89° 55' W on a true line
Variation 12° 35' East

18 00 Drain, Course S 30° W

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

48 00 Drain, Course South

78 00 Drain, Course S 20° W

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 5 and 6 East, T 21 N.

Land, rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 5 E.

Along the South Boundary of Section 36 T21N R 5 E
N 89° 55' W on a true line
Variation 12° 30' East

30 00 Leave rolling upland and enter level bottom bearing N W and S E. This bottom subject to inundation.

38 65 Creek 20 links wide, Course S E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
Compared the measuring chains with the Standard and found them correct

June 21st 1857

43 00 Creek 20 links wide, Course S E

44 60 Same Creek 20 links wide, Course S E

70 00 Leave low bottom and enter rolling upland bearing N 30° W and S 30° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T21N.
Land prairie; 1st 30.00 and last 10.00 chains rolling upland - the balance level bottom subject to inundation; Soil 1st rate

Fifth Standard Parallel North
R 5 E

Along the South Boundary of Section 35 T21N R 5 E
N 89° 55' W on a true line
Variation 12° 45' East

35 00 Drain, Course North

40 00 Set a Post in a Mound and drove a charred stake as per instructions for a quarter section corner

76 00 Drain, Course S W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T21N.
Land, rolling prairie
Soil 2d rate

Fifth Standard Parallel North
R 5 E

Along the South Boundary of Section 34 T 21 N R 5 E
N 89° 55' W on a true line

Variation 12° 40' East

30 00 Drain, Course South

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

72 50 Drain, Course SE

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 21 N

Land, rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 5 E

Along the South Boundary of Section 33 T 21 N R 5 E
N 89° 55' W on a true line

Variation 12° 30' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner

45 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T 21 N.

Land; rolling prairie; Soil 2d rate

Fifth Standard Parallel North
R 5 E.

Along the South Boundary of Section 32 T 21 N R 5 E
N 89° 55' W on a true line

Variation 12° 45' East

4 50 Drain, Course SE

35 00 Summit of a ridge bearing N. and S.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

56 00 Drain, Course SE

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 21 N

Land; rolling prairie

Soil good 2d rate

Fifth Standard Parallel North
R 5 E

Along the South Boundary of Section 31 T 21 N R 5 E
N 89° 55' W on a true line

Variation 13° 00' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

72 75 Drain, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (sections 31 and 36) Ranges 4 and 5 East T 21 N

Land; rolling prairie

Soil; good 2d rate

Fifth Standard Parallel North
R 4 E.

Along the South Boundary of Section 36 T 21 N R 4 E
N 89° 55' W on a true line

Variation 13° 00' East

37 00 Drain, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 35 and 36 T 21 N.

Land; gently rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 4 E

Along the South Boundary of Section 35 T 21 N R 4 E
N 89° 55' W on a true line

Variation 12° 50' East

1 40 Drain, Course S W

19 00 Drain, Course S W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

47 00 Drain, Course S E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 21 N

Land; gently rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 4 E.

Along the South Boundary of Section 34 T 21 N R 4 E
N 89° 55' W on a true line

Variation 12° 35' East

13 60 Drain, Course N E

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

51 00 Drain, Course S 60° E

78 70 Drain, Course N 25° E

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T 21 N

Land; high rolling prairie
Soil; good 2d rate

Compared the measuring chains with the Standard and found them correct

June 22d 1857

Fifth Standard Parallel North
R 4 E.

Along the South Boundary of Section 33 T 21 N R 4 E
N 89° 55' W on a true line

Variation 12° 30' East

35 00 Summit of a ridge bearing N. and S.

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

40 20 Drain, Course S 20° W

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T 21 N

Land; high, rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 4 E

Along the South Boundary of Section 32 T21 N R4E
N 89° 55' W on a true line

Variation 12° 45' East

3 60 Branch 5 links wide Course S 30° W
20 00 Summit of a ridge bearing N. and S.
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner
72 00 Drain, Course South
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 21 N

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 4 E.

Along the South Boundary of Section 31 T21 N. R4 E
N 89° 55' W on a true line

Variation 12° 50' East

5 00 Summit of a ridge bearing N. and S.
40 00 Set a Post in a mound and drove a charred stake as per instructions for a quarter section corner
62 30 Creek 20 links wide, Course S 30° E
78 30 Spring Branch 5 links wide, Course N 30° E
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 3 and 4 T 21 N.

Land prairie; the 1st 50.00 chs rolling — remainder rolling
Soil 1st rate

Fifth Standard Parallel North
R 3 E.

Along the South Boundary of Section 36 T21N R3E
N 89° 55' W on a true line

Variation 12° 30' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

59 00 Spring Branch 5 links wide, Course S 70° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T21N

Land; 1st 10.00 chains level – the balance rolling

Soil 1st rate

Fifth Standard Parallel North
R 3 E.

Along the South Boundary of Section 35 T21N R3 E
N 89° 55' W on a true line

Variation 12° 30' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

46 00 Drain, Course SE

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T21N.

Land; rolling prairie

Soil; good 2d rate

Compared the measuring chains with the standard and found them correct

June 23d 1857

Fifth Standard Parallel North
R 3 E.

Along the South Boundary of Section 34 T21N R3E
N 89° 55' W on a true line

Variation 12° 20' East

1 00 Summit bearing N. and S.
18 00 Spring Branch 5 links wide, Course South
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
55 00 Summit of a ridge bearing N. and S.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T21 N

Land; rolling prairie
Soil, good 2d rate

Fifth Standard Parallel North
R 3 E

Along the South Boundary of Section 33 T21N R3E
N 89° 55' W on a true line

Variation 12° 05' East

23 00 Drain, Course South
36 50 Summit bearing N. and S.
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
72 80 Drain, Course South
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T21 N.

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 3 E.

Along the South Boundary of Section 32 T21N R3 E
N 89° 55' W on a true line

Variation 12° 15' East

9 00 Summit of a ridge bearing N. and S.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 31 and 32 T21N

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 3 E.

Along the South Boundary of Section 31 T21N R 3 E
N 89° 55' W on a true line

Variation 12° 15' East

8 35 Spring Branch 5 links wide, Course South

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

78 05 Branch 10 links wide, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 2 and 3 East T 21 N

Land; rolling prairie
Soil good 2d rate

Fifth Standard Parallel North
R 2 E.

Along the South Boundary of Section 36 T21N R 2 E
N 89°55' W on a true line

Variation 12°15' East

9 95 Spring Branch 8 links wide, Course SE
36 00 Summit bearing NW and SE
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
79 90 Branch 15 links wide, Course S20°E
80 00 Corner in the branch. In order to locate this corner permanently I select a point 80 links west of the true place for the same, where I set a Post in a mound and drove a charred stake as per instructions for a Witness Corner to sections 35 and 36 T21N

Land; rolling prairie
Soil 2d rate

Compared the measuring chains with the Standard and found them correct

June 24. 1857

Fifth Standard Parallel North
R 2 E.

Along the South Boundary of Section 35 T21N R 2 E
N 89°55' W on a true line

Variation 12°06' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
45 00 Summit of a ridge bearing N. and S.
63 80 Drain, Course S30°E
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T21N.

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 2 E

Along the South Boundary of Section 34 T 21 N R 2 E
N 89° 55' W. on a true line

Variation 12° 00' East

6 00 Ridge bearing N W. and S E.

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 21 N

Land; rolling prairie
Soil 1st rate

Fifth Standard Parallel North
R 2 E.

Along the South Boundary of Section 33 T 21 N R 2 E
N 89° 55' W on a true line

Variation 11° 55' East

12 90 Branch 10 links wide, Course S 30° E

27 00 Same branch 5 links wide, Course N 80° E

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

46 30 Drain, Course S 40° E

69 00 Summit of a ridge bearing N W and S E

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 21 N

Land; rolling prairie
Soil 2d rate

Fifth Standard Parallel North
R 2 E.

Along the South Boundary of Section 32 T 21 N R 2 E
N 89° 55' W on a true line

Variation 11° 45' East

0 90 Drain, Course South
20 50 Drain, Course S 60° E
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
72 00 Summit of a ridge bearing N. and S.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 31 and 32 T 21 N

Land; rolling prairie
Soil; good 2d rate

Fifth Standard Parallel North
R 2 E.

Along the South Boundary of Section 31 T 21 N R 2 E
N 89° 55' W on a true line

Variation 11° 55' East

24 40 Drain, Course South
28 00 Summit of a ridge bearing N. and S.
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
45 70 Branch 5 links wide, Course SW
68 00 Branch 10 links wide, Course SE
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 1 and 2 East T 21 N

Land; rolling prairie
Soil good 2d rate

Fifth Standard Parallel North
R 1 E

Along the South Boundary of Section 36 T 21 N R 1 E
N 89° 55' W on a true line

Variation 12° 00' East

8 40 Drain, Course N E

40 00 Set a Granite Bowlder 19 in. long 12 in. wide and 5 in. thick for a quarter Section corner

66 00 Drain, Course S 25° W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 35 and 36 T 21 N.

Land; rolling prairie
Soil, good 2d. rate

Fifth Standard Parallel North
R 1 E.

Along the South Boundary of Section 35 T 21 N R 1 E
N 89° 55' W on a true line

Variation 12° 00' East

36 50 Drain, Course N 60° W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

47 05 Drain, Course North

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 21 N

Land, rolling prairie
Soil 2d. rate

Fifth Standard Parallel North
R 1 E

Along the South Boundary of Section 34 T21N R1E
N 89° 55′ W on a true line

Variation 12° 00′ East

5 25 Spring Branch 5 links wide, Course S 30° W

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

63 50 Drain, Course S 30° W

72 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T21N.

Land rolling prairie
Soil: good 2d rate

Fifth Standard Parallel North
R 1 E.

Along the South Boundary of Section 33 T21N R1E
N 89° 55 W on a true line

Variation 12° 00′ East

30 05 Drain, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T21N

Land; rolling prairie
Soil 2d rate

Fifth Standard Parallel North
R 1 E

Along the South Boundary of Section 32 T 21 N R 1 E
N 89° 55′ W on a true line

Variation 12° 00′ East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

49 80 Branch 10 links wide, Course North

53 10 Same branch 10 links wide, Course South

54 50 Same branch 10 links wide, Course North – Its general course N 60° W

69 05 Branch 5 links wide Course N 20° W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 31 and 32 T 21 N

Land; rolling prairie

Soil; good 2d rate

Fifth Standard Parallel North
R 1 E

Along the South Boundary of Section 31 T 21 N R 1 E
N 89° 55′ W on a true line

Variation 12° 10′ East

17 00 Summit of a ridge bearing N.W. and S.E.

35 00 Leave rolling upland and enter level bottom subject to inundation, bearing N. and S.

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

62 30 Creek 25 links wide, Course North – Its general Course N.E.

70 80 Branch 5 links wide, Course North

80 00 Intersected the 6th Principal Meridian at the Post in a Mound, corner to Townships 20 and 21 North, Ranges 1 East and 1 West.

Land prairie:- 1st 35.00 chains rolling upland – the balance level bottom subject to periodical inundation: Soil 2d rate.

Compared the measuring chains with the Standard and found them correct

June 25. 1857

✓

Fifth Standard Parallel North

General Description.

The average quality of the land on this line is not better than fair 2d rate. The Soil is light and sandy, and its want of productiveness generally evidenced by the dwarfish character of the vegetation. The absence of timber is uni=versal except a small grove on Logan Creek in Range 8 East, and on the banks and in the bends of Elk Horn River. This latter stream has the appearance of being well wooded, but there is very little timber in the immediate vicinity of where the line crosses it. The country is well watered by the Elk Horn River and its numerous tributaries all of which have a general course toward the S.E. – The line separating the upland from the overflowed lands in the Creek and river bottoms was determined by the deposit of drift made by the high waters at and about the time of the Survey. The streams have deep

Fifth Standard Parallel North

Channels and miry banks and bottoms. No rock were discovered either on or near the line. Several settlements are said to have been made upon the Elk Horn a few miles North of the parallel but none of them were visible from the line.

List of Names

A list of the names of the individuals employed to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the Fifth Standard Parallel North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, showing the respective capacities in which they acted:

Samuel Fleming	Fore Chainmen
Charles C Wright	
William W. R. Clarke	Rear Chainmen
William P Steinberger	
James T Lowry	Fore Flagman

Fifth Standard Parallel North

Warren G Simpson — Rear-Flagman
Adam Gault — Axeman

We hereby certify that we assisted Charles A Manners, deputy Surveyor, in Surveying the Fifth Standard Par=allel (along the South boundary of Township 21 North) North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, in the Territory of Nebraska, and that said Stand=ard Parallel or Correction Line, has been in all res=pects, to the best of our knowledge and belief, well and faithfully Surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General

Samuel Lenning
Charles C. Wright } Fore-Chainmen
William W. Clarke
William J. Steinberger } Rear-Chainmen
James L. Lowry, — Fore-Flagman

Fifth Standard Parallel North

Warren G. Simpson — Rear-Flagman
Adam Gault — Axeman

Subscribed and sworn to by the above named persons, before me, a Justice of the Peace in and for Dodge County, Nebraska Territory, this 28th day of July 1857

James C. Bell
Justice of the Peace

I, Charles A Manners, deputy Surveyor, do solemnly swear that, in pursuance of a contract with John Calhoun surveyor of the public lands of the United States in the Territory of Nebraska, bearing date the 7th day of July 1856, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General; I have faithfully surveyed the Fifth Standard Parallel or Correction Line (along the South boundary of Township 21, North of the Base Line, between the 6th Principal Meridian and

Fifth Standard Parallel North

the Guide Meridian East therefrom, in the territory aforesaid, and do further solemnly swear that the foregoing are the true and original Field Notes of such survey

Charles A. Manners
Deputy Surveyor

Subscribed by said Charles A Manners, deputy surveyor, and sworn to before me, a Justice of the Peace in and for Dodge County, Nebraska Territory this 28th day of July 1857

James A. Bell
Justice of the Peace

Field Notes
of the
Fifth Standard Parallel
North of the
Principal Base Line
in the
Territory of Nebraska

Contract No. 3) date of Contract April 26. 1855

From its beginning at the corner to Townships 20 & 21 N. on the Guide Meridian between Ranges Eight and Nine East of the Sixth principal meridian. East, to the Missouri River by

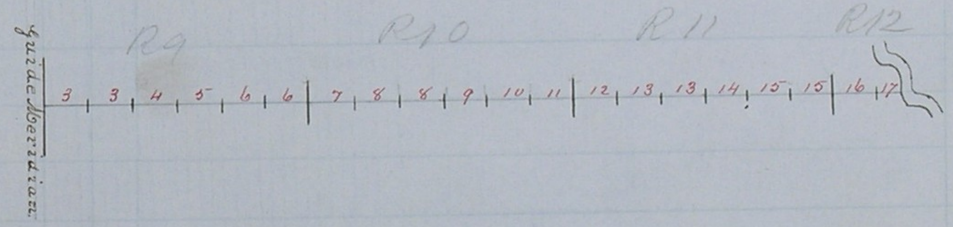
Chas. A Manners
Deputy surveyor

Commenced October 30th 1855
Completed November 2d 1855

Names and duties of Assistants

Frederick Wilks	Fore-Chainmen
William P Ford	Fore-Chainmen
Thomas R Iden	Rear-Chainmen
William Allen	Rear-Chainmen
Washington De Hay	Fore-Flagman
James E Brown	Rear-Flagman
Daniel H Wright	Axeman

Fifth Standard Parellel North of the Principle Base Line in the Territory of Nebraska.



Fifth Standard Parallel North.

R 9 E.

Begin at a post in a mound on the Guide Me=
=ridian between Ranges 8 & 9 East of the 6th
principal Meridian - at the corner to Townships 20 &
21 North of the Base Line, and from it run
Along the South boundary of section 31 T 21 N R 9 E
East on a true line

Variation 12° 09' East

40 00 Set a post in a mound and deposited a charred
stake as per instructions for a quarter section corner

80 00 Set a post in a mound and deposited a charred
stake as per instructions for a corner to sections
31 & 32 T 21 N R 9 E
High rolling prairie soil 1st rate.

Along the South boundary of section 32 T 21 N. R 9 E
East on a true line

5.00 Top of a high ridge bears N 20° W & S 20° E

34 00 Enter a slough bearing S 15° E & N 15° W

39 00 Left slough and enter rolling prairie S 15° E & N 15° W.

Fifth Standard Parallel North
R. 9. E.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 & 33 T 21 N R 9 E

High rolling prairie soil 1st rate

Along the south boundary of Section 33 T 21 N
R 9 E

East on a true line

Variation 11° 00' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

64 00 A Slough branch - Course N. E.

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 33 & 34 T 21 N - R 9 E

Dry rolling prairie soil 1st rate.

Fifth Standard Parallel North.
R 9 E

Along the South boundary of Section 34 T 21 N R 9 E
East on a true line

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a ~~corner~~ quarter section corner

Compared the measuring chains with the stand=
=ard and found them correct

October 30th 1855

53 00 ~~Along the~~ Left rolling upland and enter branch bottom bearing NW and S 25° E

63 50 A branch 10 links wide Course S E

73 80 Papillon Creek - Water 25 links wide, 1½ feet deep - banks and bottom Miry - Course S 20° E

General Course South

80 00 Set a post in a Mound and deposited a charr=
=ed stake as per instructions for a corner to sections 34 & 35 T 21 N R 9 E

The 1st 53.00 Ch. rolling - The remainder level

Fifth Standard Parallel North
R 9 E

and subject to inundation soil 1st rate –
All prairie –

Along the South boundary of section 35 T 21 N R 9 E
East on a true line
1 00 Left bottom and enter upland prairie bearing N & S
40 00 Set a post in a mound and deposited a charred stake as per instructions for a ~~corner~~ to quarter section corner
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 35 & 36 T 21 N R 9 E
Gently rolling prairie soil 1st quality

Along the south boundary of section 36 T 21 N R 9 E
East on a true line
2 90 A small branch Course South
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.

Fifth Standard Parallel North
R 9 E

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to Township 21 N. between Ranges 9 and 10 East
Variation of the Needle 11° 10' East
High rolling prairie soil 1st rate

Along the south boundary of section 31 T 21 N R 10 E
East on a true line
Variation 11° 10' East
14 00 Enter marsh bearing N E and S W
22 00 Left the same bearing N E. & South
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 & 32 T 21 N R 10 E
Variation 11° 39' East
High rolling prairie soil 1st quality ex-cept in the marsh which is unfit for cultivation –

Fifth Standard Parallel North
R 10 E.

Along the south boundary of Section 32 T21N R10E – East on a true line

12 50 Wagon Road (on a high ridge between the waters of Papillon Creek and Missouri River) bearing N 20° E & S 20° W

40 00 Set a post in a mound and deposited a charred stake as per instructions for a ~~corner~~ quarter section corner

65 04 A branch 7 links wide Course South – General Course S.E.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 & 33 T21N R 10 E

High rolling prairie Soil 1st rate

Along the south boundary of Section 33 T21N R10 E East on a true line

Variation 12° 03′ East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.

Fifth Standard Parallel North
R 10 E.

Compared the measuring chains with the Standard and found them correct

October 31st 1855 –

42 00 Top of a ridge bears N 20° W & S 20° E

59 92 A branch 10 links wide Course N.E.

75 00 Top of ridge (50 feet Elevation) bears NW & SE

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 33 & 34 T21N R 10 E

All prairie Hilly and broken soil 2d quality

Along the South boundary of section 34 T21N R 10 E East on a true line

Variation 11° 42′ East

6 00 Top of a ridge extending N & S

10 00 Bottom of a hollow (50 feet deep) course North

20 00 Top of a ridge (70 feet elevation) bears N & S

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.

Fifth Standard Parallel North
R. 10 E

59 00 A branch 7 links wide - Course N E
64 00 Top of a ridge bears North & South
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 34 & 35 T 21 N R 10 E
All prairie hilly and broken soil 2d rate

Along the south boundary of section 35 T 21 N R 10 E East on a true line

~~A branch 7 links wide Course~~

40 00 Set a post in a mound and deposited a charred stake as per instructions for a ~~corner~~ quarter section corner
46 00 Top of a ridge extending N & S
50 00 Bottom of a hollow Course south
64 00 Top of a ridge bearing N 30° W & S 30° E
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 35 & 36 T 21 N R 10 E

Fifth Standard Parallel North
R 10 E

Hilly prairie soil 2d quality -

Along the South boundary of section 36 T 21 N R 10 E East on a true line

9 00 Bottom of a hollow - Course S 10° E
22 00 Top of a ridge bearing N 20° W & S 20° E
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner.
45 00 Left Range of hills and enter level prairie in Mis=souri River bottom bearing N 20° E & S 15° W.
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Township 21 North, between Ranges 10 & 11 East

Variation of the Needle 12° 00' East

First 45.00 ch. Hilly and broken soil 2d rate - The remainder level soil 1st quality - all prairie.

Along the south boundary of Section 31 T 21 N R 11 E East on a true line

Fifth Standard Parallel North.
R 11 E.

Variation 12° 00' East

0 20 Wagon Road from Cummins City to Tekama leading N 20° E and S 20° W

5 00 Enter marshy prairie bearing N & S

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner. From this corner Peterson's House in the Town of Tekama bears North 190.80 Chs. dist.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 31 & 32 T 21 N R 11 E - - Peterson's House bears N 32° 10' W. Marshy prairie unfit for cultivation

Compared the measuring chains with the standard and found them correct

November 1st 1855

Fifth Standard Parallel North.
R 11 E.

Along the south boundary of section 32 T 21 N R 11 E East on a true line

Variation 12° 42' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner - Left marshy prairie

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 & 33 T 21 N R 11 E

First half mile marshy and unfit for cultivation; the remainder dry, but level and subject to inundation soil 1st rate.

Along the south boundary of section 33 T 21 N R 11 E East on a true line

Variation 12° 10' East

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner

Fifth Standard Parallel North
R 11 E.

80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 33 & 34 T 21 N R 11 E
Level bottom prairie subject to inundation but otherwise dry soil 1st rate.

Along the south boundary of section 34 T 21 N R 11 E
East on a true line
9 60 A Wagon road bearing N 10° W and S 10° E
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 34 & 35 T 21 N R 11 E
Level bottom prairie subject to inundation but otherwise dry, soil 1st quality.

Fifth Standard Parallel North
R 11 E.

Along the south boundary of section 35 T 21 N R 11 E
East on a true line
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a ~~corner~~ quarter section corner
52 70 An Indian Trail leading N 20° E and S 20° W
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to sections 35 & 36 T 21 N R 11 E
Level bottom prairie subject to inundation but otherwise dry soil 1st rate.

Along the south boundary of section 36 T 21 N R 11 E
East on a true line
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner

Fifth Standard Parallel North
R 11 E.

to Township 21 North, between Ranges 11 & 12 East

Variation of the needle 12° 18' East

Level prairie in the river bottom, subject to inundation but otherwise dry, soil 1st quality

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Along the South boundary of section 31 T 21 N R 12 E East on a true line

Variation 12° 18' East

18 00 Set a temporary post

18 85 Left prairie and enter upon a low quicksand marsh overgrown with Willows bearing N & S 20° E

40 00 Set a post ~~in a~~ marked and prepared as per instructions in a miry swamp. Did not erect a mound or set a witness corner to this point for the reason that for more than 20.00 chs in every direction the ground is composed wholly of quick-sand.

80 00 Set a post in a mound and deposited a

Fifth Standard Parallel North.
R 12 E.

charred stake as per instructions as being the most permanent corner that could be establish-in its locality. for a corner to sections 31 & 32 T 21 N R 12 E. This corner like the one at the 1/4 section corner a half mile west of it, is on a bar of sand ~~in~~ overgrown with willows, and liable to be destroyed by any con-siderable rise of the river

First 19.00 chs. Level bottom prairie but dry. soil 1st quality - The remainder of this mile a miry sand-bar overgrown with young willows about 5 feet high - worthless.

Along the south boundary of section 32. T 21 N R 12 E. - East on a true line

13 70 Intersected the water's edge on the right bank or shore of the Missouri river which bears S 40° W and North. breadth of the river at this point estimated at 30.00 chs

Fifth Standard Parallel North
R 12 E.

Its general Course South.

Variation of the Needle 12° 30' East

As no corner could be established at or near this point with any degree of per=
=manency, I set a temporary post at the point where the line intersects the right bank of the river, and then return West to the temporary post set at 18.00 chains on the south boundary of section 31 T 21 N R 12 E, which I select as the nearest suitable witness point and set a post in a mound and deposited a charred stake as per instructions as a Witness corner to the point of Intersection of the Fifth Standard Parallel with the right bank of Missouri River, and 75.70 chs. due West of Intersecting point. Said point being also the South East corner of Frac=
=tional Section 32 T 21 N R 12 E

Fifth Standard Parallel North
R 12 E.

Fractional section 32 consists of a miry sand-bar partially overgrown with young Willows about 5 feet high - Liable to be overflowed at every considerable rise of the river - Worthless

Compared the meas=
=uring chains with the standard and found them correct

November 2d. 1855 -

List of Names

A list of the names of the individuals employed to assist in running, measuring, or marking the line and corners described in the foregoing field Notes of the Fifth Standard Parallel north of the Base Line and East of the Guide Meridian, showing the respective capacities in which they acted:

Frederick Wilks } Fore-chainmen
William P Ford }
Thomas R Iden } Rear-chainmen
William Allen }
Washington De Kay Fore Flagman
James E Brown Rear flagman
Daniel H Wright Axeman

We hereby certify that we assisted Charles A Maines Deputy Surveyor, in Surveying the Fifth Standard parallel in the Territory of Nebraska between townships 20 & 21 North, from its be=ginning on the Guide Meridian between Ran=ges Eight and Nine East of the Sixth principal Meridian, East to the Mis=souri River, and that said Standard Parallel or correction line has been in all respects to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General

Frederick Wilks } Fore-Chainmen
William Ford }
Thomas R Iden } Rear-Chainmen
William Allen
Wash De Kay Fore Flagman
James E. Brown Rear-Flagman
Daniel H. Wright Axeman

Subscribed and sworn to by the above Named

persons, before me, a Justice of the Peace for the County of Douglas, in the territory of Nebraska this 1st day of December 1855

Isaac A. Hallock
Justice of the Peace

I, Chas. A. Manners, Deputy Surveyor, do solemnly swear that, in pursuance of a contract with John Calhoun surveyor of the public Lands of the United States in the territory of Nebraska, bearing date the 26th day of April 1855, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully Surveyed the Fifth Standard Parallel North of the Base Line, from its beginning on the Guide Meridian, between Ranges Eight and Nine East of the 6th principal Meridian, at the corner to Townships 20 & 21 North - East to the Missouri River, in the Territory aforesaid, and do further solemnly swear that the fore=

=going are the true and original field Notes of such survey

Charles A. Manners
Deputy Surveyor

Subscribed by said Charles A. Manners, deputy Surveyor, and sworn to before me, a Deputy Clerk of the first district Court for the first Judicial District of Kansas Territory, this 24th day of December 1855.

Edwin T. Vedder
Deputy Clerk

Surveyor's Office at Wyandott K.T.
January 10th 1856

The foregoing field notes of the Survey of the Fifth Standard Parallel North of the base Line in Nebraska Territory between the Guide Meridian and the Missouri river, executed by Charles A. Manners under his contract of the 26th day of April 1855 in the months of October and November 1855, having been critically examined, the necessary corrections and explanations made, the said field notes and the Surveys they describe, are hereby approved

J. Calhoun
Surveyor General of
Kansas & Nebraska

Contract No. 125

Field Notes

of the Survey of the 6th Standard Parallel North of the Base Line between the 6th Principal Meridian and the Guide Meridian East therefrom in the Ter=ritory of Nebraska as Surveyed by

Charles A Manners
Deputy Surveyor

Under his contract dated July 7th 1856

Commenced June 29. 1857
Completed July 7. 1857

36
1700

Sixth Standard Parallel North

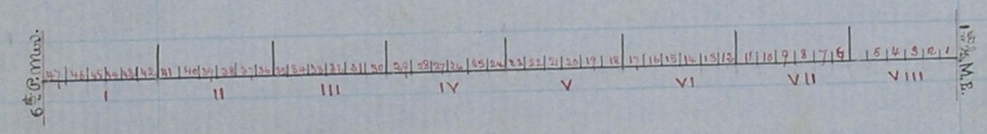
Names and duties of Assistants

Samuel Heming Charles C Wright	Fore-Chainman
William W. R. Clarke William P. Steinberger	Rear-Chainmen
James T Lowry	Fore-Flagman
Warren G Simpson	Rear Flagman
Adam Gault	Axeman

Index

to

Sixth Standard Parallel North



86

Sixth Standard Parallel North.

Begin at the Post in a Mound at the corner to Townships 24 and 25 North, Ranges 1 East and 1 West of the 6th Principal Merid=ian and from it runs S 89°55' East on a random line, set=ting temporary posts at every 40.00 and 80.00 chains for quar=ter section, section and Township corners respectively, and at 46 miles 42 chains and 40 links intersected the Guide Meridian (between ranges 8 and 9 East) 65 links north of the Post in a Mound at the corner to Towships 24 and 25 North; Variation of the Needle at the Beginning corner as shown by Burt's Improved Solar Compass 12°03' East

In order to retrace this line so as to connect the corresponding cor=ners on Principal and Guide Meridians, the correction will be 1 4/10 links South per mile very nearly, and as the correction of bearing amounts to 36", the true course of the corrected line (taking the nearest minute) N 89°54' W. The correction in Range 8 East, necessary to throw the convergency of the meridi=ans on the West side of said range will be 240 links west at each corner. This line run S 89°55' E. instead of due East to avoid unnecessary labor in its correction. Surveyed on the 29th and 30th days of June and 1st, 2d and 3d days of July 1857,

1/87

Sixth Standard Parallel North
R 8 E.

From the post in a Mound at the corner to Townships 24 and 25 North, Ranges 8 and 9 East I run Along the South Boundary of Section 36 T 25 N R 8 E N 89°54' W on a true line

Variation 12°05' East

(The same variation tracing the Guide Meridian at this point).

4 40 Drain, Course N W

12 20 Summit of a ridge bearing N W. and S E.

28 40 Drain, Course N 30° W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner - on the summit of a ridge bearing N E. and S W.

74 30 Drain, Course N 30° W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 24 N.

Land, hilly prairie

Soil 2d rate

Sixth Standard Parallel North
R 8 E.

Along the South Boundary of Section 35 T25 N R8E
N 89°54' W on a true line

Variation 12°06' East

4 90 Summit of a ridge bearing NW. and SE.
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
44 25 Spring Branch 5 links wide, Course N W.
79 45 Omaha branch 10 links wide, Course North
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T25 N

Land; rolling prairie
Soil 2d rate

Compared the measuring chains with the Standard and found them correct

July 3d 1857

Sixth Standard Parallel North
R 8 E.

Along the South Boundary of Section 34 T25 N R8E
N 89°54' W on a true line

Variation 12°10' East

31 30 Drain, Course SE
39 50 Summit of a ridge bearing N 30° W and S 30° E
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
48 05 Drain, Course SE
55 00 Summit of a ridge bearing NW. and SE.
70 80 Drain, Course South
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T25 N

Land; rolling prairie
Soil 3d rate

4/90

Sixth Standard Parallel North
R 8 E.

Along the South Boundary of Section 33 T 25 N R 8 E
N 89° 54' W on a true line

Variation 12° 05' East

5 90 Drain, Course S 60° E

38 30 Wagon Road known as the "Old Puncas Trail" on the summit of a ridge dividing the waters of Omaha Creek from those of Logan Creek, and bearing NW and SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 32 and 33 T 25 N

Land, rolling prairie
Soil 2d rate

5 7
91

Sixth Standard Parallel North
R 8 E.

Along the South Boundary of Section 32 T 25 N R 8 E
N 89° 54' W on a true line

Variation 12° 05' East

6 10 Drain, Course South

21 50 Summit of a ridge bearing N 10° E and S 10° W

29 20 Drain, Course S 20° W

39 50 Summit of a ridge bearing N 30° E and S 30° W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

42 40 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 32 and 36) Ranges 7 and 8 East T 25 N

Land, rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 36 T25N R7E
N 89°54' W on a true line

Variation 12°00' East

3 80 Drain, Course S W

17 00 Summit of a ridge bearing N. and S.

40 00 Set a Post in a Mound and drove a charred stake as per instructions for a quarter section corner

40 15 Branch 5 links wide, Course S 20° E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T25N

Land Rolling prairie
Soil, good 2d rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 35 T25N R7E
N 89°54' W on a true line

Variation 11°50' East

18 00 Summit of a ridge bearing N. and S.

26 90 Drain, Course S 10° W

40 00 Set a Post in a Mound and drove a charred stake as per instructions for a quarter section corner

44 00 Drain, Course S E

75 00 Summit of a ridge bearing N. and S.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T25N

Land, rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 34 T 25 N R 7 E
N 89° 54' W on a true line
Variation 11° 10' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
50 20 Drain, Course S 30° W
76 00 Point of a ridge sloping South
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T 25 N

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 33 T 25 N R 7 E
N 89° 54' W on a true line
Variation 12° 15' East

29 70 Drain, Course S 25° W
35 75 Summit of a Ridge bearing N 20° W. and S 20° E.
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
49 10 Drain, Course S 10° E
67 50 Summit of a ridge bearing NW. and SE.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; rolling prairie
Soil good 2d rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 32 T25N R7E
N 89°54' W on a true line

Variation 12°30' East

29 95 Spring Branch 5 links wide, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T25N

Land, rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 7 E.

Along the South Boundary of Section 31 T25N R 7 E
N 89°54' W. on a true line

Variation 11°50' East

0.30 Drain, Course SE

13 00 Summit of a ridge bearing NW and SE

30 00 Leave rolling upland and enter level bottom liable to overflow bearing N 30° W and S 30° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

44 55 Logan Creek, 60 links wide,- Miry banks and bottom, Water 4 feet deep - gentle current, Course SE

68 50 Same Creek 60 links wide, Course N 50° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (sections 31 and 36) Ranges 6 and 7 East T 25 N

Land prairie, 1st 30.00 chs Rolling upland - the balance level bottom subject to inundation - Soil 1st rate
Scattering Box Elder and Willow trees skirting the Creek

July 4. 1857

Sixth Standard Parallel North
R 6 E

Along the South Boundary of Section 36 T 25 N R 6 E
N 89° 54' W on a true line
Variation 11° 20' East

1 40 Logan Creek 60 links wide, Course SE
8 95 Same Creek 60 links wide Course N 60° E
15 90 Same Creek 60 links wide Course S 25° E
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
49 25 Branch 10 links wide, Course SE
54 85 Same branch 10 links wide, Course N 30° E
60 30 Same branch 10 links wide, Course S 30° E
63 90 Same branch 10 links wide, Course N 20° E
65 60 Same branch 10 links wide, Course SE
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 25 N.

Land, level bottom prairie, subject to inundation
Soil 1st rate
Scattering Box Elder and Willow trees skirting the Creek.

Sixth Standard Parallel North
R 6 E

Along the South Boundary of Section 35 T 25 N R 6 E
N 89° 54' W on a true line
Variation 11° 30' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T 25 N

Land, level bottom prairie, subject to period=ical inundation: Soil 1st rate

Compared the measuring chains with the Standard and found them correct.

Sixth Standard Parallel North
R 6 E

Along the South Boundary of Section 34 T 25 N R 6 E
N 89° 54' W on a true line

Variation 11° 45' East

32 00 Leave land liable to overflow and enter dry bottom bearing N. and S.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

60 00 Leave dry bottom and enter rolling upland bearing N. and S.

67 60 Drain, Course SE

77 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 25 N

Land prairie; 1st 32.00 chains low bottom subject to periodical inundation – last 20.00 chains rolling upland – the remainder level dry bottom

Soil 1st rate

Sixth Standard Parallel North
R 6 E.

Along the South Boundary of Section 33 T 25 N R 6 E
N 89° 54' W on a true line

Variation 12° 15' East

15 00 Drain, Course South

38 70 Drain, Course SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

55 00 Summit of a ridge bearing NE and SW

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; rolling prairie

Soil 2d rate

Sixth Standard Parallel North
R 6 E.

Along the South Boundary of Section 32 T 25 N R 6 E
N 89° 54' W on a true line

Variation 12° 50' East

6 00 Drain, Course South

27 60 Drain, Course SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

61 00 Summit of a ridge bearing NE and SW.

71 05 Drain, Course North

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 25 N

Land; rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 6 E.

Along the South Boundary of Section 31 T 25 N R 6 E
N 89° 54' W on a true line

Variation 12° 55' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

41 00 Summit of a ridge bearing N. and S.

66 70 Drain, Course NW

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Town=ship 25 North, Ranges 5 and 6 East

Land; rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 5 E.

Along the South Boundary of Section 36 T 25 N R 5 E
N 89° 54' W on a true line

Variation 12° 45' East

10 00 Leave rolling upland and enter level swampy bottom bearing N 20° E and S 20° W

20 00 Leave swamp and enter rolling upland bearing N 20° E and S 20° W

29 90 Drain, Course SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

61 00 Summit of a ridge bearing N. and S.

68 70 Drain, Course NW

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 35 and 36 T 25 N

Rolling prairie Land, except the swamp which is Miry and unfit for cultivation: Soil 2d rate

Sixth Standard Parallel North
R 5 E.

Begin

Along the South Boundary of Section 35 T 25 N R 5 E
N 89° 54' W on a true line

Variation 12° 30' East

3 00 Summit of a ridge bearing N. and S.

11 50 Drain, Course North

24 00 Summit of dividing ridge between Logan Creek and Elk Horn River bearing NW. and SE.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

48 50 Drain, Course South

64 00 Drain, Course South

76 30 Drain, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35, T 25 N.

Land, rolling prairie

Soil 2d rate

Stop Rear
R H

Sixth Standard Parallel North
R 5 E

Along the South Boundary of Section 34, T 25 N. R 5 E.
N 89° 54' W on a true line

Variation 12° 10' East

9 00 Drain, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

78 00 Drain, Course SE

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 33 and 34 T 25 N

Land, rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 5 E

Along the South Boundary of Section 33 T 25 N R 5 E.
N 89° 54' W on a true line

Variation 12° 50' E

22 50 Summit of a ridge bearing NW and SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

42 25 Drain, Course South

70. 45 Drain S 25° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 5 E.

Along the South Boundary of Section 32 T25 N R 5 E
N 89° 54' W on a true line

Variation 12° 50' East

35 00 Leave rolling upland and enter Marshy bottom bearing N E. and S W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

41 75 Leave Marshy bottom and enter rolling upland bearing N E. and S W.

49 00 Leave rolling upland and enter marshy bottom bearing N 30° W and S 30° E

64 00 Leave Marshy bottom and enter rolling upland bearing N 30° W and S 30° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 25 N.
Land; rolling prairie: Soil 2d rate - except the Marshy bottoms which are miry and unfit for cultivation

Sixth Standard Parallel North
R 5 E.

Along the South Boundary of Section 31 T25 N R 5 E
N 89° 54' W on a true line

Variation 12° 12' East

20 00 Summit of a ridge bearing N 30° W and S 30° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner

42 40 Drain, Course South

79 00 Drain, Course South

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 4 and 5 East T 25 N.

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 4 E.

Along the South Boundary of Section 36 T 25 N R 4 E
N 89° 54' W on a true line

Variation 12° 10' East

22 40 Drain, Course S 10° E

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

44 00 Drain, Course S 20° E

65 00 Summit of a ridge bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 25 N

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 4 E.

Along the South Boundary of Section 35 T 25 N R 4 E
N 89° 54' W on a true line

Variation 12° 30' East

2 90 Drain, Course S 15° E

22 70 Drain, Course S 30° W

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner – At this corner leave rolling upland and enter level bottom liable to overflow bearing N 30° W and S 30° E

64 85 Branch 10 links wide, Course South

65 95 Same branch 10 links wide, Course N W

67 35 Same branch 10 links wide, Course S W – Its general Course S 25° E

71 00 Leave bottom liable to overflow and enter rolling upland bearing N. and S.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to sections 34 and 35 T 25 N.

Land prairie; the bottom level and subject to inundation – the re-
-mainder rolling upland: Soil 1st rate –

Sixth Standard Parallel North
R 4 E

Along the South Boundary of Section 34 T 25 N R 4 E
N 89° 54' W on a true line

Variation 12° 20' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner

60 00 Summit of a ridge bearing N. and S.

69 00 Drain, Course South

78 00 Drain, Course S 30° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 25 N –

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 4 E

Along the South Boundary of Section 33 T 25 N R 4 E
N 89° 54' W on a true line

Variation 12° 40' East

37 00 Summit of a ridge bearing NW. and SE.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

48 90 Drain, Course N 30° W

61 05 Drain, Course N 15° E

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 4 E.

Along the South Boundary of Section 32 T 25 N R 4 E
N 89° 54' W on a true line
Variation 12° 30' East

2 50 Drain, Course N W

12 00 Leave rolling upland and enter marsh bearing N 30° E and S 30° W

20 00 Leave Marsh and enter rolling upland bearing N 30° E and S 30° W

37 00 Summit of a ridge bearing N 30° E and S 30° W

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

57 90 Drain, Course S E

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to sections 31 and 32 T 25 N.

Land rolling prairie; Soil 1st rate – except the Marsh which is miry and unfit for cultivation

Sixth Standard Parallel North
R 4 E.

Along the South Boundary of Section 31 T 25 N R 4 E,
N 89° 54' W on a true line
Variation 12° 35' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 3 and 4 East T 25 N

Land; rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 3 E

Along the South Boundary of Section 36 T25N R 3 E
N 89° 54' W on a true line

Variation 12° 40' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

61 90 Branch 5 links wide, Course SE

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T25N

Land, rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 3 E.

Along the South Boundary of Section 35 T25N R 3 E
N 89° 54' W on a true line

Variation 12° 40' East

35 00 Summit of a ridge bearing NE. and SW.

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

51 00 Leave rolling upland and enter marshy bottom bearing N 15° E and S 15° W

54 00 Leave Marshy bottom and enter rolling upland bearing N 15° E and S 15° W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T25N

Land, rolling prairie; Soil 1st rate - except the marshy bottom which is miry and unfit for cultivation

Compared the measuring chains with the Standard and found them correct

July 5th 1857

Sixth Standard Parallel North
R 3 E

Along the South Boundary of Section 34 T 25 N R 3 E
N 89° 54' W on a true line

Variation 12° 45' East

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
48 00 Summit of a ridge bearing N E and S W
79 35 Drain, Course North
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 25 N

Land; gently rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 3 E

Along the South Boundary of Section 33 T 25 N R 3 E
N 89° 54' W on a true line

Variation 12° 30' East

4 50 Drain, Course N 60° E
20 00 Summit of a ridge bearing N. and S.
31 90 Drain, Course N 30° E
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter section corner
64 00 Summit of a ridge bearing N. and S.
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land, rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 3 E.

Along the South Boundary of Section 32 T25N R3E
N 89° 54' W on a true line

Variation 12° 30' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner

42 00 Drain, Course N E

76 00 Summit of a ridge bearing NW. and SE

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T25N

Land, rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 3 E.

Along the South Boundary of Section 31 T25N R3E
N 89° 54' W on a true line

Variation 12° 20' East

24 10 Drain, Course S W

38 00 Drain, Course South

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

50 00 Point of a ridge sloping South

58 60 Drain, Course S 30° W

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 2 and 3 East. T25N

Land, rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 2 E

Along the South Boundary of Section 36 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 15' East

39 80 Branch 10 links wide, Course South

40 00 Corner in the Bank of the branch. As this corner can-
-not be permanently located in its true place, I select
as the nearest suitable witness point, a point 40 links
West of the true corner, where I set a post in a mound
and drove a charred stake as per instructions for a
Witness quarter section corner

80 00 Set a post in a Mound and drove a charred stake
as per instructions for a corner to Sections 35 and 36
T 25 N

Land; rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 2 E.

Along the South Boundary of Section 35 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 15' East

32 55 Branch 10 links wide, Course SE

40 00 Set a post in a Mound and drove a charred stake as
per instructions for a quarter Section corner

46 00 Drain, Course North

80 00 Set a post in a Mound and drove a charred stake
as per instructions for a corner to Sections 34 and 35
T 25 N.

Land; gently rolling prairie
Soil 1st rate

Sixth Standard Parallel North
R 2 E

Along the South Boundary of Section 34 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 10' East

20 00 Drain, Course North
38 00 Summit of a ridge bearing N 20° E and S 20° W
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner
56 00 Drain, Course N 30° E
65 00 Summit of a ridge bearing N. and S.
71 00 Drain, Course North
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 25 N

Land; Hilly prairie;
Soil 2d rate

Sixth Standard Parallel North
R 2 E.

Along the South Boundary of Section 33 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 10' East

2 00 Summit of a ridge bearing N 20° W and S 20° E
11 00 Drain, Course North
37 00 Summit of a ridge bearing N E and S W
40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner
57 00 Drain, Course N W
80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; hilly prairie
Soil 3d rate

Sixth Standard Parallel North
R 2 E.

Along the South Boundary of Section 32 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 05' East

20 50 Summit of a ridge bearing NW and SE

40 00 Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner

42 50 Drain, Course S 20° E

68 00 Summit of a ridge bearing N 20° W and S 20 E

78 00 Drain, Course North

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 32 T 25 N

Land; hilly prairie
Soil 3d rate

Sixth Standard Parallel North
R 2 E.

Along the South Boundary of Section 31 T 25 N R 2 E
N 89° 54' W on a true line

Variation 12° 15' East

40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter Section corner

77 50 Summit of a ridge bearing NW and SE.

80 00 Set a post in a Mound and drove a charred stake as per instructions for a corner to (Sections 31 and 36) Ranges 1 and 2 East T 25 N

Land; hilly prairie
Soil 3d rate

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 36 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 15' East

22 00 Drain, Course North
26 00 Summit of a ridge bearing N. and S.
36 00 Drain, Course N 30° W
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
44 00 Drain, Course NE
59 00 Drain, Course North
62 50 Summit of a ridge bearing NW. and SE.
69 80 Drain, Course NW
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 35 and 36 T 25 N.

Land; hilly prairie
Soil 2d rate

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 35 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 15' East

12 00 Drain, Course SW
38 20 Drain, Course S 30° W
40 00 Set a post in a mound and drove a charred stake as per instructions for a quarter section corner
66 00 Drain, Course S 20° E
79 80 Drain, Course South
80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 34 and 35 T 25 N

Land; rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 34 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 15' East

7	00	Drain, Course South
23	50	Drain, Course South
34	50	Summit of a Mound
38	00	Drain, Course S W
40	00	Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner
59	00	Point of a ridge sloping S W
70	95	Branch 5 links wide, Course South
78	80	Drain, Course S 20° E
80	00	Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 33 and 34 T 25 N

Land; hilly prairie
Soil 2d rate

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 33 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 10' East

15	00	Drain, Course South
38	00	Drain, Course South
40	00	Set a post in a Mound and drove a charred stake as per instructions for a quarter Section corner
80	00	Set a post in a Mound and drove a charred stake as per instructions for a corner to Sections 32 and 33 T 25 N

Land; rolling prairie
Soil 2d rate

Compared the measuring chains with the Standard and found them correct

July 6th 1857

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 32 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 05' East

6 95 Branch 10 links wide, Course South — Its gen=
=eral Course S W.

15 50 Drain, Course South

40 00 Set a post in a Mound and drove a charred stake
as per instructions for a quarter Section corner

80 00 Set a post in a Mound and drove a charred stake as
per instructions for a corner to Sections 31 and 32
T 25 N

Land, gently rolling prairie
Soil 2d rate

Sixth Standard Parallel North
R 1 E

Along the South Boundary of Section 31 T 25 N R 1 E
N 89° 54' W on a true line

Variation 12° 03' East

40 00 Set a post in a Mound and drove a charred stake as
per instructions for a quarter section corner

80 00 Intersected the Sixth Principal Meridian at the Post
in a Mound, corner to Townships 24 and 25 North, Ranges
1 East and 1 West

Land, gently rolling prairie
Soil 2d rate

Compared the measuring chains with the Standard
and found them correct

July 7. 1857

Sixth Standard Parallel North

General Description

The lands over which this line passes have a uniformity of character seldom found throughout so large an extent of country. In ranges 3 and 4 East the soil is chiefly 1st rate but the remainder of the distance averages from 2d to 3d rate upland. There is no timber either on or near the line with the exception of a few scattering trees skirting the banks of Logan Creek in R 6 E. Water is tolerably well supplied – the streams, though not numerous, have the appearance of being lasting

Sixth Standard Parallel North

List of Names.

A list of the names of the individuals employed to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the Sixth Standard Parallel North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, showing the respective capacities in which they acted:

Samuel Heming	Fore Chainmen
Charles C Wright	Fore Chainmen
William W R Clarke	Rear Chainmen
William P Steinberger	Rear Chainmen
James T Lowry	Fore Flagman
Warren G Simpson	Rear Flagman
Adam Gault	Axeman

Sixth Standard Parallel North

We hereby certify that we assisted Charles A Manners, deputy Surveyor, in Surveying the Sixth Standard Parallel (along the South Boundary of Township 25 North) North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, in the Territory of Nebraska, and that said Standard Parallel or Correction line, has been in all respects to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor General

Samuel Henning } Fore-Chainmen
Charles C. Wright

William M. Clarke } Rear-Chainmen
William P. Steinberger

James T. Lowry — Fore-Flagman
Warren G. Simpson — Rear Flagman
Adam Gault — Axeman

Subscribed and sworn to by the above named persons, before me, a Justice of the Peace in and for Dodge County, Nebraska Territory this 28th day of July 1857

James A. Bell
Justice of the Peace

Sixth Standard Parallel North

I, Charles A Manners, deputy Surveyor, do solemnly swear, that, in pursuance of a contract with John Calhoun Surveyor of the public lands of the United States in the Territory of Nebraska, bearing date the 7th day of July 1856, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully Surveyed the Sixth Standard Parallel or Correction line (along the South Boundary of Township 21) North of the Base Line, between the 6th Principal Meridian and the Guide Meridian East therefrom, in the Territory aforesaid, and do further solemnly swear that the foregoing are the true an Original Field Notes of such Survey

Charles A Manners
Deputy Surveyor

Subscribed by said Charles A Manners, deputy surveyor, and sworn to before me, a Justice of the Peace in and for Dodge County Nebraska Territory this 28th day of July 1857

James A. Bell
Justice of the Peace

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Contract No 3

1
139

Field Notes
of the
Sixth Standard Parallel
North of the
Principal Base Line
in the
Territory of Nebraska

From its beginning at the corner to Townships 24 and 25 N. on the Guide Meridian between Ranges 8 & 9 East of the 6th. Principal Meridian - East, to the Missouri River by

Chas. A Manners
Deputy Surveyor

Commenced November 13th 1855
Completed November 14th 1855

Names and duties of Assistants

Thomas J Barker Thomas R Iden	Fore-Chainmen
William Allen Washington De Kay	Rear-Chainmen
William P Ford	Fore-Flagman
James E Brown	Rear-Flagman
Daniel H Wright	Axeman

Sixth Standard Parellel north of the Principal Base Line in the Territory of Nebraska.

T25N						T25N			
3	4	4	6	7	8	9	10	11	13
IX						X			

142

3
143

Sixth Standard Parallel North

R. 9. E.

Begin at a post in a mound at the corner to Townships 24 & 25 N R 9 E, on the Guide Meridian between Ranges 8 & 9 East of the 6th principal Meridian and from it run on the 6th Standard Par= =allel North of the Base Line

Along the South boundary of Section 31 T 25 N R 9 E East on a true line

Variation 11° 45' East

34 00 A branch (the head of North Black Bird Creek) 8 links wide, Course North East

40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner - This corner on the westerly slope of a hill

48 00 Top of Knob or Conical hill 40 feet elevation

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 31 & 32 R 9 E T 25 N

Sixth Standard Parallel North
R. 9. E.

Hilly prairie soil 2d. quality

Along the South boundary of Section 32 R9E T25N
East on a true line

18 00 Top of a ridge (35 feet elevation) bearing N. & S.
25 00 Bottom of a hollow - Course North
35 00 Top of a ridge 40 feet elevation bearing N. & S.
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 32 & 33 R9E T25N.
All prairie, hilly and broken soil 2d. rate

Along the South boundary of Section 33 R9E T25N
East on a true line

9 00 Top of a knob 50 feet elevation bearing N.W. & S.E.
33 00 Enter bottom land on North Black Bird Creek,

Sixth Standard Parallel North.
R 9 E.

40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner
42 20 Intersected the right bank of North Black Bird Creek bears NW & SE - Water 20 links wide, 1 foot deep & current moderate. Banks 20 feet high - Bottom quicksand.
58 60 Same Creek 20 links wide - Course NE. banks
76 50 of the creek skirted with small groves or clumps of Cotton wood and Box Elder timber of inferior quality - Left bottom & enter upland
76 50 Top of a ridge extending N & S. 35 feet high.
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to sections 33 & 34 R9E T25N
Hilly prairie soil 3d. rate except between the two crossings of North Black bird Creek where the surface is level and soil 1st rate.
Small clumps of Cotton wood & Box Elder trees on the Creek bank.

Sixth Standard Parallel North
R. 9. E.

Along the South boundary of Section 34 R9E T25N
East on a true line
Variation 12° 03' East

8 50 Head of a dry Ravine that extends NE.
26 70 A Spring branch 10 links wide Course NE.
The banks of this branch lined with timber about one chain in width on either side of the same
40 00 Set a post and deposited a charred stake under the same for a quarter section corner from which
A Burr Oak 10 in. diam. bears S39°E 43 lks dist
A Burr Oak 9 in. diam. bears N24½°W 76 lks dist
40 13 A Burr Oak 14 in. diam. in a point of scrub-by timber that bears NE & NW
70 60 A branch 10 links wide miry banks and bottom Course North East
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner

Sixth Standard Parallel North
R 9 E.

to sections 34 & 35 R9E T25N.
Hilly prairie soil 2d quality — The surface veined by branches & ravines skirted with a 2d rate growth of Burr Oak, Elm, Cotton wood and box-Elder timber

Along the South boundary of Section 35 R9E T25N
East on a true line
18 10 Top of a ridge 45 feet elevation and extends N & S.
32 80 A Spring branch sides skirted with Elm and Box Elder timber - Course N 7° W
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter Section corner
59 00 Top of a knob or Conical hill (60 feet elevation)
80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 35 & 36 R9E T25N
All prairie hilly and broken soil 2d to 3d rate.
Lasting water in the branch.

Sixth Standard Parallel North
R 9 E.

Along the South boundary of Section 36 R 9 E T 25 N.
East on a true line
Variation 12° 24' East

19 00 Top of a knob 50 feet high
40 00 Set a post in a Mound and deposited a charred stake as per instructions for a quarter section corner – Corner in a hollow.
48 60 Top of a ridge bearing N. & S.
55 00 bottom of a hollow bearing N. & S.
66 70 Top of a ridge 35 feet elevation extending N. & S.
80 00 Set a post in a mound and deposited a charred stake as per instructions for a corner to Ranges 9 & 10 East Township 25 North.
Variation of the needle 12° 28' East
Hilly prairie soil 2d rate
Compared the measuring chains with the standard and found them correct
November 13th 1855

Sixth Standard Parallel North
R 10 E.

Along the South boundary of Section 31 R 10 E T 25 N
East on a true line
Variation 12° 28' East

3 50 Head of a ravine 100 links wide
39 80 Intersected the left bank of South Black Bird Creek bearing North and South – General Course of this Creek N 15° E. Water 40 links wide – 1 foot deep and current rapid. Banks 20 feet high and fringed with Burr Oak, Elm & Box Elder timber. bottom of the creek miry.
40 00 The corner in the creek (inaccessible). In order to establish the corner I measure due East from the same 100 links distant and set a quarter section Post and deposited a charred stake as per instructions for a witness corner from which
A Burr Oak 20 in. diam. bears S 47° W 295 links dist.
A Burr Oak 8 in. diam. bears N 7½° E 230 links dist.
40 50 East or right bank of South Black Bird Creek bears North and South

Sixth Standard Parallel North
R 10 E.

66 00 A dry ravine, banks fringed with Cotton Wood timber
Course N 60° W

80 00 Set a post in a Mound and deposited a charred stake as per instructions for a corner to Sections 31 & 32 R 10 E T 25 N
Rolling prairie broken by the Creek and small ravines running into the same - soil 1st rate - The timber on the creek and ravines 2d rate

Along the South boundary of section 32 R 10 E T 25 N
East on a true line
Variation 12° 28' East

27 40 Top of a ridge 70 feet elevation bearing N 20° W & S 20° E
39 20 A Wagon Road on the old Omaha Indian Trail which bears N 20° W and S 20° E
40 00 Set a post in a mound and deposited a charred stake as per instructions for a quarter section corner.
This corner in a hollow extending N 20° W & S 20° E
43 70 Top of a ridge which bears N 20° W & S 20° E (60 feet high)

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R 10 E.

53 00 Bottom of a hollow
65 30 Top of a ridge 30 feet elevation bearing N 20° W & S 20° E
80 00 Set a post ~~in a mound~~ and deposited a charred stake as per instructions under the same for a corner to sections 32 and 33 R 10 E, T 25 N from which
A Burr Oak 12 in. diam. bears S 63° 40' E 571 links dist.
A Burr Oak 10 in. diam. bears N 22° W 126 links dist.
A Burr Oak 7 in. diam. bears N 15° E 16 links dist
A Burr Oak 9 in. diam. bears S 61½° W 14½ links dist.
This corner in the edge of scattering timber that bears NE and SE
All prairie hilly and broken soil from 2d to 3d rate.

Along the South boundary of Section 33 R 10 E T 25 N
East on a true line
Variation 12° 35' East

36 96 A Burr Oak 22 in. diam.
40 00 Set a post ~~in a mound~~ and deposited a charred stake as per instructions for a quarter section corner.

Sixth Standard Parallel North
R 10 E

from which
A Burr Oak 22 in. diam. bears N 34° E 80 links distant
A Burr Oak 14 in. diam. bears S 12½° W 66 links distant

42 60 Top of a ridge running North and South
52 00 Bottom of a hollow – Course N E
59 73 A Burr Oak 14 in. diam. on the top of the bluffs of Missouri river, which are 70 feet high and bear N 20° W and S 20° E
65 50 Foot of the bluffs – Enter level bottom subject to inundation bearing N 20° W & S 20° E
67 56 A Cotton Wood 26 in. diam.
68 00 Left timber and enter willow brush bearing N 10° W and S 10° E
74 00 Left willows and enter upon a barren sand bar which bears S 20° E and N 20° W
80 00 Corner on a Sand bar. As the corner could not be permanently located at this point I return west upon the line 12.44 chs. to the Cotton wood tree upon the line at 67.56 chs. and mark and establish the same as a witness

Sixth Standard Parallel North
R 10 E

to the true corner to sections 33 & 34 R 10 E. T 25 N.
Surface hilly and broken, soil 3d rate – The first half mile a scattering growth of scrubby Burr Oak timber from 2d to 3d rate. From the ¼ section corner East to the foot of the bluffs – Burr Oak, Elm, Lynn and Black Walnut timber 1st quality. From the foot of the bluffs east to the edge of the timber a heavy growth of 1st rate Cotton Wood timber. The next 6.00 chs. thick willow brush – The re= =maining 6.00 chains of this mile a barren sand-bar.

Along the South boundary of Section 34 R 10 E T 25 N East on a true line
Variation 13° 00' East

34 80 Intersected the water's Edge on the right bank or shore of Missouri river which bears S 15° E and N 25° W – General Course of the river S 20° E – The river at this point has no abrupt bank, but in its stead a Sand-bar sloping gradually to the water's

Sixth Standard Parallel North
R 10 E.

edge). It being impossible to establish a corner permanently at this point of Intersection of the Sixth Standard Parallel with the Missouri River, I therefore select as the nearest suitable witness point the Cotton wood tree on the line 12.44 chains west of the corner to sections 33 & fractional section 34 R10E T25N and at said point establish the corner as follows: Viz:

A Cotton Wood 26 in. diam. on the corner from which
A Cotton Wood 26 in. diam. bears S79° W 114 links dist.
A Cotton wood 22 in. diam. bears N25° E 42 links dist
A Cotton wood 24 in. diam. bears S88° E 50 links dist
A Cotton wood 26 in. diam. bears N42° W 71 links dist.

Variation of the needle 13° 00' East

Fractional section 34 consists of a level barren sand bar, subject to inundation at every considerable rise of the river.

Compared the measuring chains with the standard and found them correct. November 14th 1855

Sixth Standard Parallel North
R 10 E.

List of Names

A list of the names of the individuals employed to assist in running, measuring, or marking the line and corners described in the foregoing field Notes of the Sixth Standard Parallel North of the Base Line in the Territory of Nebraska, From the Guide Meridian East to the Missouri River, showing the respective capacities in which they acted:

Thomas J Barker	Fore chainmen
Thomas R Iden	
Washington De Kay	Rear-chainmen
William Allen	
William P Ford	Fore-Flagman
James E Brown	Rear-Flagman
Daniel H Wright	Axeman

We hereby Certify that we assisted Charles A Manners, Deputy Surveyor, in Surveying the Sixth Standard Parallel in the Territory of Nebraska between townships 24 & 25 North, from its be=
=ginning on the Guide Meridian, between Ran=
=ges Eight and Nine East of the Sixth prin=
=cipal Meridian, East to the Missouri River, and that said Standard Parallel or Correc=
=tion line has been in all respects to the best of our knowledge and belief, well and faithfully Surveyed, and the boundary mon=
=uments planted according to the instructions furnished by the Surveyor General

Thomas J Barker	Fore-chainmen
Thomas R Iden	
Wash. De Kay	Rear-Chainmen
William Allen	
William P. Ford	Fore-Flagman
James E Brown	Rear-Flagman
Daniel H. Wright	Axeman

Subscribed and sworn to by the above named persons, before me, a Justice of the peace for the County of Dakkota, in the Territory of Nebraska this 24th day of November 1855

Chauncey Ware
Justice of the peace

I, Charles A Manners, deputy Surveyor, do solemnly swear that, in pursuance of a contract with John Calhoun Surveyor of the Public Lands of the United States in the Territory of Nebraska, bearing date 6th day of April 1855, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully Surveyed the Sixth Standard Parallel north of the Base Line, from its beginning on the Guide Meridian between Ranges Eight and Nine East of the sixth principal Meridian,

East to the Missouri River, in the Territory aforesaid, and do further solemnly swear that the foregoing are the true and Original Field Notes of such Survey

Charles A Manners
Deputy Surveyor

Subscribed by said Charles A Manners, deputy surveyor, and sworn to before me, a deputy Clerk of the First District Court, for the first Judicial District of Kansas Territory, this 24th day of December 1855.

Edwin S. Bedden
Deputy Clerk

18 20/160

Surveyor's Office at Wyandott K.T.
January 10th 1856

The foregoing field notes of the Survey of the Sixth Standard Parallel North of the base line in Nebraska Territory between the Guide Meridian and the Missouri river, executed by Charles A Manners under his contract of the 26th day of April 1855, in the month of November 1855, having been critically examined, the necessary corrections and explanations made, the said field notes and the Surveys they describe are hereby approved

A Cathcart
Surveyor General

General Land Office • Original Field Notes

Book Number

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The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.