General Land Office • Original Field Notes

Book Number

201

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.

{7}

1
G.M.W.
North
90.

(90

First
Guide Meridian West

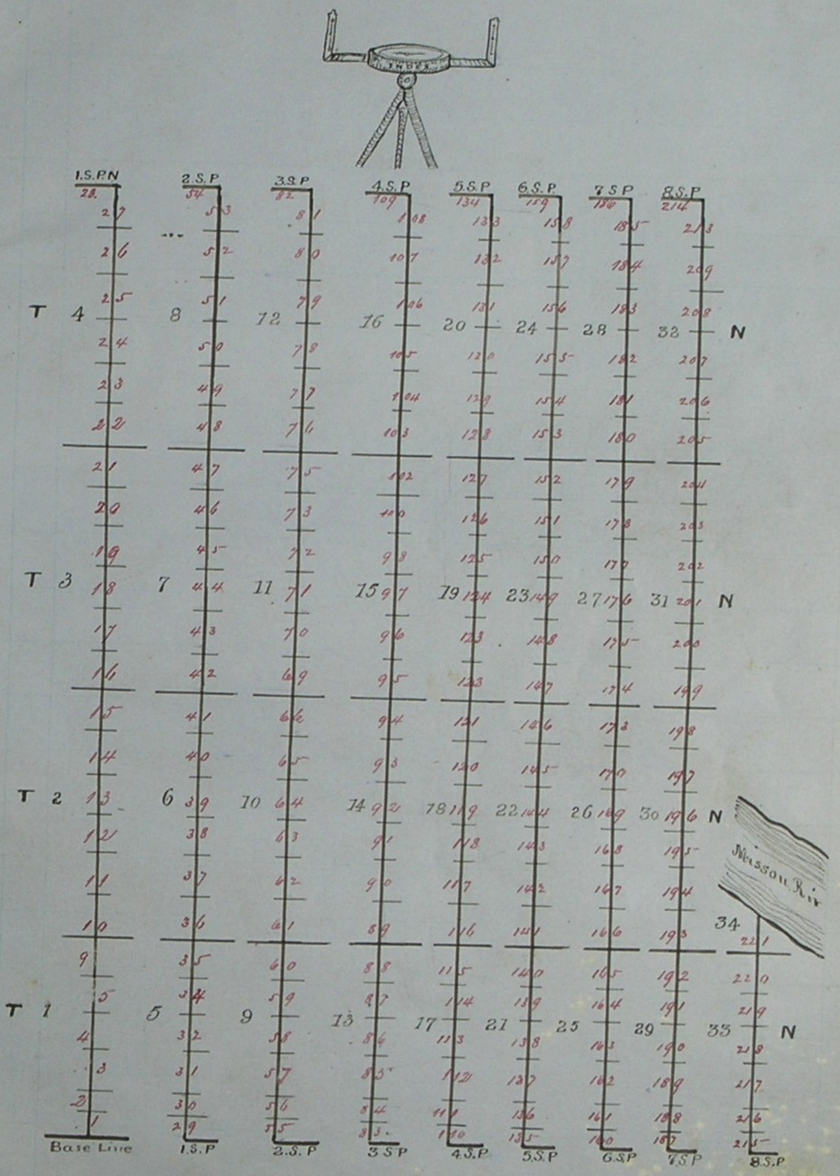
By

Charles A. Manners

1858

Names and duties of Assistants

Edwin R Capron	Fore-Chainmen
Peter V Van Norstran	Fore-Chainmen
Samuel Saunders	Rear-Chainmen
Joseph A Smith	Rear-Chainmen
William V Custard	Fore-Flagman
Daniel C McCarthy	Rear-Flagman
Henry E Kingsbury	Axeman



UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, Edwin R Capron do solemnly swear that I will execute the duties of chain carrier; 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 in measuring, to the best of my skill and ability.

Edwin R. Capron

Subscribed and sworn to before me this 12th day of July A. D. 1858
S Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, Peter V Van Norstran do solemnly swear that I will execute the duties of chain carrier; 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 in measuring according to the best of my skill and ability.

Peter V Van Norstran

Subscribed and sworn to before me this 12th day of July A. D. 1858
S Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, Samuel Saunders do solemnly swear that I will execute the duties of chain carrier; 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 in measuring, to the best of my skill and ability.

Samuel Saunders

Subscribed and sworn to before me this 12th day of July A. D. 1858

S. Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, Joseph A Smith do solemnly swear that I will execute the duties of chain carrier; 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 in measuring according to the best of my skill and ability.

Joseph A. Smith

Subscribed and sworn to before me this 12th day of July A. D. 1858

S. Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, William V. Custard 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.

William V. Custard

Subscribed and sworn to before me this 12th day of July A. D. 1858

S. Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

UNITED STATES OF AMERICA,
TERRITORY OF Nebraska

I, Daniel C. Mc Carthy 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.

Daniel C. Mc Carthy

Subscribed and sworn to before me this 12th day of July A. D. 1858

S. Howard Calhoun ~~Justice of the Peace.~~
U. S. Deputy Surveyor

First Guide Meridian West

T1 N.

Begin at the lime Stone corner set by me this day on the Base Line for a corner to Ranges 8 and 9 West, Township one North and from it run

Between Sections 31 and 36

North on a true line

Variation 12°27' East as shown by Burt's Improved Solar Compass

31 50 Drain, Course NE

40 00 Set a Lime Stone 25 in. long 13 in. wide and 6 in. thick for a quarter section corner

42 00 Drain, Course NE

56 00 Same drain, Course NW

80 00 Set a Lime Stone 20 in. long 14 in. wide and 5 in. thick for a corner to sections 25. 30. 31 and 36, T1 N.

Land hilly prairie

Soil 2d rate

First Guide Meridian West
T 1 N.

Between Sections 25 and 30 T 1 N

North on a true line

Variation 12° 27' East

40 00 Set a Lime Stone 23 in. long 15 in. wide and 4 in. thick for a quarter section corner

70 50 Ravine 100 links wide 25 feet deep Course W N

80 00 Set a post with charred stake, trench and elevation as per instructions for a corner to Sections 19. 24. 25 and 30 from which

An Ash 12 in. dia. bears N 80° W 88 links dist

An Elm 10 in. dia. bears S 16¾° W 122 links dist

No other tree convenient suitable to mark

Land hilly prairie

Soil 2d rate

Compared the measuring chains with the standard and found them correct

July 20th 1858

First Guide Meridian West
T 1 N

Between Sections 19 and 24 T 1 N

North on a true line

Variation 12° 20' East

6 00 Drain, Course N W

7 90 Branch 10 links wide, Course N E

9 95 Same branch 10 links wide, Course N W

18 80 Same branch 10 links wide, Course N E

23 20 Same branch 10 links wide, Course N W

40 00 Set a post with charred stake as per instructions for a quarter section corner from which

An Ash 8 in. dia. bears S 19° W 132 links dist.

A Willow 6 in. dia. bears N 8° E 41 links dist.

40 50 Same branch 10 links wide, Course N E

42 00 Same branch 10 links wide, Course N W

54 30 Same branch 10 links wide, Course N E

64 00 Ravine 200 links wide, 10 feet deep, Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24

Land, level prairie; Soil 1st rate

Scattering Elm, Ash, Cotton Wood, and Willow trees skirting the banks of the branch.

First Guide Meridian West
T 1 N.

Between Sections 13 and 18 T 1 N

North on a true line

Variation 12° 20' East

9 50 Leave upland and enter river bottom bearing N 80° W and S 80° E

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

74 06 Intersected the right bank of a River, (either the Republican Fork of Kansas River or the North Branch of the same) bearing N 85° E and S 85° W, and set a Post in a Mound and drove charred stake as per instructions for a Witness Point. To obtain the distance across the river I caused a flag to be set on the South bank of an Island in the same due north from the established "Witness Point" and measure East from said Post in a Mound 1.00 chain to a Station from which the flag on the Island bears N 23° 37' W, making the distance across the Channel 2.29 chains nearly

Nat: Co-Tang: 23° 37' = 2.2870959

2.29 added to 74.06 chains makes 76.35 chains

First Guide Meridian West
T 1 N.

76 35 Intersected the South bank of an Island in the river extending about 3.00 chains West and 12.00 Chains East of the line, said bank bearing East and N 70° W; and set a Post with charred stake as per instructions for a Witness Point from which

A Cotton Wood 10 in. dia. bears N 47° E 27 links dist

A Cotton Wood 9 in. dia. bears N 44° W 49 links dist

The right or South bank of the Island bears East and N 70° W – Enter timber bearing with the bank

76 58 A Cotton Wood 12 in. dia.

77 55 Intersected the north shore of the Island bearing N 80° W and S 80° E, and set a Post with a charred stake as per instructions for a Witness Point from which

A Cotton Wood 12 in. dia. bears N 87° E 25 links dist.

A Cotton Wood 12 in. dia. bears N 88 W 13 links dist.

Leave timber on the north bank of the Island bearing with the same

To obtain the distance from the North shore of the Island to the Left bank of the river I set a

First Guide Meridian West
T 1 N

flag in line on the Left bank and then from the Witness Point at 77.55 chains measured a base East 3.00 chains to a Station from which the flag on the left bank bears N 28°49' W, - making the distance across the channel, 5.45 chains

Nat. Cotang: 28°49' = 1.81 77405
3.
Dist across = 5.45322 15

5.45 chains added to 77.55 chains makes 83.00 chains. Consequently, at

80 00 Section corner in the river, Inaccessible. As this corner cannot be located in its true place, I select the point where the flag stands on the Left bank of the river as the nearest suitable Witness Point, and there set a Post with charred stake, trench and elevation as per instructions (300 links north of the true corner) for a Witness corner to Sections 7. 12. 13 and 18 from which

A Cotton Wood 24 in. dia. bears N 51° W 97 links dist
A Cotton Wood 30 in. dia. bears N 42° E 125 links dist.
No other tree convenient to mark

This river not navigable. Banks low and sandy, water 2 feet deep, bottom quicksand. Its general course

First Guide Meridian West
T 1 N.

for several miles on each side of the line about East Land level, chiefly prairie - 1st 10.00 chains upland - the balance bottom: Soil sandy, 2d rate
Timber, Cotton Wood

Compared the measuring chains with the standard and found them correct

July 21st 1858

First Guide Meridian West
T 1 N.

Between Sections 7 and 12 T 1 N

North on a true line

Variation 12° 21' East

3 00 Intersected the left bank of the river bearing N 80° E and S 80° W, at the witness corner Post

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

42 80 Right bank of a Miry Slough bearing E. and W.

48 55 The left bank of same slough bearing NW and East

58 00 Leave level bottom and enter rolling upland bearing E. and W.

73 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 1. 6. 7 and 12

Land prairie; 1st 58.00 chains level sandy bottom; - the balance rolling upland

Soil 2d rate

First Guide Meridian West
T 1 N

Between Sections 1 and 6 T 1 N

North on a true line

Variation 12° 18' East

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

69 00 Drain, Course SW

79. 00 Same drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 1 and 2 North, Ranges 8 and 9 West

Land, rolling prairie

Soil 2d rate

First Guide Meridian West
T 2 N.

Between Sections 31 and 36 T 2 N

North on a true line

Variation 12° 18' East

1 00 Drain, Course SW

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

57 00 Summit of a ridge bearing SE and NW

74 50 Drain, Course NE

77 00 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land, rolling prairie
Soil 2d rate

First Guide Meridian West
T 2 N

Between Sections 25 and 30 T 2 N

North on a true line

Variation 12° 30' East

2 50 Drain, Course SE

37 75 Drain, Course NE

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 NE

76 05 Branch 15 links wide runs East - Its general Course SE.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 19. 24. 25. and 30

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 2 N
Between Sections 19 and 24 T 2 N
North on a true line
Variation 12° 33' East

15 00 bend of a branch 1 chain west of line bearing SW and NW – runs SW
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 13. 18. 19 and 24

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 2 N
Between Sections 13 and 18 T 2 N
North on a true line
Variation 12° 45' East

13 00 Drain, Course West
21 00 Drain, Course West
30 00 Drain, Course West
40 00 Set a Post in a Mound and drove a charred stake as per instructions for a quarter section corner
40 85 Drain, Course West
59 50 Drain, Course West
67 00 Drain, Course West
80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 7. 12. 13 and 18

Land, rolling prairie
Soil 2d rate

First Guide Meridian West
T 2 N.
Between Sections 7 and 12 T 2 N

North on a true line

Variation 12°40′ East

6 00 Drain, Course N W

25 00 Drain, Course S W

29 50 Same drain, Course East

34 00 Same drain, Course S W

38 60 Same drain, Course S E

39 45 Same 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

Compared the measuring chains with the standard and found them correct

July 22d 1858

42 00 Drain, Course S E

45 60 Same drain, Course S W

54 00 Same drain, Course S E

60 50 Same 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 1.6.7 and 12

Land rolling prairie; Soil 1st rate

First Guide Meridian West
T 2 N
Between Sections 1 and 6 T 2 N

North 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

48 50 Drain, Course N W

69 55 Drain, Course West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 2 and 3 North, Ranges 8 and 9 West

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 3 N

Between Sections 31 and 36 T 3 N

North on a true line;
Variation 12° 33' East

4 90 Drain, Course SW

20 20 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 Drain, Course SE

65 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 25. 30. 31 and 36

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 3 N.

Between sections 25 and 30 T 3 N

North on a true line
Variation 12° 25' 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 19. 24. 25 and 30

Land gently rolling prairie
Soil 1st rate

First Guide Meridian West
T 3 N.

Between Sections 19 and 24 T 3 N

North on a true line

Variation 12° 48' East

8 00 Drain, Course West

21 00 Drain, Course SW

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 SW

70 00 Summit of a ridge bearing East and West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land, gently rolling prairie
Soil 1st rate

First Guide Meridian West
T 3 N.

Between Sections 13 and 18 T 3 N

North 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

65 50 Drain, Course NE

71 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 7. 12. 13 and 18

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 3 N
Between Sections 7 and 12 T 3 N
North on a true line
Variation 12°03′ East

30 00 Drain, Course NE
40 00 Set a Post in a mound and drove a charred stake as per instructions for a quarter section corner
51 00 Ravine 200 links wide, 20 feet deep, Course NE
80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to sections 1. 6. 7 and 12

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 3 N.
Between Sections 1 and 6 T 3 N
North on a true line
Variation 12°06′ East

4 00 Drain, Course East
15 00 Drain, Course East
40 00 Set a Post with a charred stake as per instructions for a quarter section corner from which
A Hackberry 16 in. dia. bears S 62° E 72 links dist
An Elm 10 in. dia. bears N 6° W 16 links dist
Compared the measuring chains with the standard and found them correct
July 23d 1858
40 30 Creek 20 links wide, Course East – Its general course S 60° E.
67 70 Ravine 200 links wide, 20 feet deep, Course SE
80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Townships 3 and 4 North, Ranges 8 and 9 West

Land rolling prairie
Soil 1st rate
Scattering Elm, Ash and Cotton Wood timber skirting the banks of the creek

First Guide Meridian West
T 4 N

Between Sections 31 and 36 T 4 N

North 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

55 00 Summit of the ridge dividing the waters of Little Blue River from those of Republican Fork, of Kansas River, bearing East and West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land, gently rolling prairie
Soil 1st rate

First Guide Meridian West
T 4 N

Between Sections 25 and 30 T 4 N

North on a true line

Variation 12° 20' East

0 20 Drain, Course N E

22 60 Drain, Course N 60° E

39 70 Drain, Course S E

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

70 00 Drain, Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 19. 24. 25 and 30

Land gently rolling prairie
Soil 1st rate

First Guide Meridian West
T 4 N.

Between Sections 19 and 24 T 4 N

North on a true line

Variation 12° 06′ East

3 50 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

64 05 Branch, 10 links wide, with high steep banks skirted, with Elm and Ash trees - miry bottom, Course East

71 60 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 13. 18. 19 and 24

Land rolling prairie

Soil 2d. rate

Scattering Elm and Ash trees skirting the banks of the branch

First Guide Meridian West
T 4 N.

Between Sections 13 and 18 T 4 N

North 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

42 45 Drain, Course N E

55 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 7. 12. 13 and 18

Land, rolling prairie

Soil 2d. rate

First Guide Meridian West
T 4 N

Between Sections 7 and 12 T 4 N

North 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

41 00 Drain, Course N E

70 00 Drain, Course N W

74 00 Same drain, Course N E

74 60 Same 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 1. 6. 7 and 12

Land, rolling prairie

Soil 2d rate

First Guide Meridian West
T 4 N

Between Sections 1 and 6 T 4 N

North on a true line

Variation 12° 15' East

16 00 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

58 00 Drain, Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions, to mark the intersection of the First Guide Meridian West with the First Stand= =ard Parallel North, and for a corner to Township 4 North, Ranges 8 and 9 West

Land, rolling prairie

Soil 1st rate

First Guide Meridian West.
Off-Set on the First Standard Parallel North
Between Townships 4 and 5 North

From the Post in a Mound at the corner to Township 4 North, Ranges 8 and 9 West I run
Along the "First Standard Parallel North" on the South Boundary of Section 31 T5 N. R 8 W
West on a true line

Variation 12° 25' East

4 95 Drain, Course N E
19 57 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 36 Township 5 North, Ranges 8 and 9 West

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 5 N
Between Sections 31 and 36 T5 N

North on a true line

Variation 12° 25' East

40 00 Set a Post in a Mound and drove a charred stake as per instructions for a quarter section corner
79 80 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 25. 30. 31 and 36

Land rolling prairie
Soil 2d rate

Compared the measuring chains with the standard and found them correct

July 24. 1858

First Guide Meridian West
T 5 N

Between Sections 25 and 30 T 5 N

North on a true line

Variation 12° 00' East

8 00 Drain, Course NE

9 60 Branch 10 links wide, Course East

14 70 Same branch 10 links wide, Course NW

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

45 00 Same branch 10 links wide runs East

48 20 Same branch 10 links wide runs NW

62 40 Drain, Course NW

74 50 Ravine 300 links wide, 25 feet deep, Course NW

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 19. 24. 25 and 30

Land, rolling prairie; Soil 2d rate

Scattering Elm and Cotton Wood trees skirting the banks of the branch

First Guide Meridian West
T 5 N.

Between Sections 19 and 24 T 5 N

North on a true line

Variation 12° 00' East

7 75 Drain, Course N W

11 30 Drain, Course S W

24 00 Drain, Course N 60° W

30 10 Drain, Course N 60° W

38 00 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

56 95 Branch 10 links wide, Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24

Land rolling prairie

Soil 2d rate

Scattering Elm and Cotton Wood trees skirting the banks of the branch

First Guide Meridian West
T 5 N

Between Sections 13 and 18 T 5 N

North on a true line

Variation 11° 50' East

2 00 Drain, Course East

18 45 Branch 15 links wide, Course N W

21 80 Same branch 10 links wide, Course N E

40 00 Set a Post with charred stake as per instructions for a quarter section corner from which
A Burr Oak 14 in. dia. bears N 73° W 167 links dist
An Elm 8 in. dia. bears N 64½° E 113 links dist
Leave prairie and enter timber bearing NW and SE

41 95 Same branch 10 links wide runs West

45 30 Same branch 10 links wide runs East

48 54 Elm 30. in. dia.

48 65 Same branch 10 links wide, Course N W

55 55 Same branch 10 links wide, Course N E

56 00 Leave timber and enter prairie bearing NE. and SW.
7 - An excellent Spring of water about 3.00 chains Westerly from the line. Enter bottom bearing E. and W.

78 95 Little Blue River 70 links wide, - Low sandy banks,

First Guide Meridian West
T 5 N

miry bottom - Water 2 feet deep - rapid current - Course East. Its banks fringed with Cotton Wood and Willow trees.

80 00 Set a Post with charred stake, trench and elevation as per instructions for a corner to Sections 7. 12. 13 and 18 from which
A Cotton Wood 16 in. dia, bears S 37° W 252 links dist.
No other trees convenient to mark

Land; 1st 56.00 chains broken - the balance level bottom

Soil Sandy 2d rate

Timber; Burr Oak, Elm, Ash and Cotton Wood

First Guide Meridian West
T 5 N

Between Sections 7 and 12 T 5 N

North on a true line

Variation 12° 00' East

15 00 Leave level bottom and enter rolling upland bearing East and West

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 1. 6. 7 and 12

Land prairie – 1st 15.00 chains level bottom – the balance rolling upland

Soil 2d rate

First Guide Meridian West
T 5 N.

Between Sections 1 and 6 T 5 N

North on a true line

Variation 11° 57' East

35 00 Intersected the Military Road from Fort Leavenworth to Fort Kearney bearing S 80° E and N 80° W

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 with a charred stake, trench, and elevation as per instructions for a corner to Sections 1. 6. 31 and 36, Townships 5 and 6 north, Ranges 8 and 9 West from which

A Cotton Wood 8 in. dia. bears S 22½° W 165 links dist

An Elm 26 in. dia. bears N 61¾° W 319 links dist

An Ash 12 in. dia. bears N 52½° E 285 links dist

No tree in Section 6 convenient to mark

Land, gently rolling prairie

Soil 2d rate

Compared the measuring chains with the Standard and found them correct

July 25th 1858

First Guide Meridian West
T 6 N

Between Sections 31 and 36 T 6 N

North on a true line

Variation 12° 00' East

2 00 Branch 10 links wide runs East

9 05 Drain, Course S E

22 95 Same 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

79 85 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 25. 30. 31 and 36

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 6 N.

Between Sections 25 and 30 T 6 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land level upland prairie
Soil 2d rate

First Guide Meridian West
T 6 N

Between Sections 19 and 24 T 6 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections, 13. 18. 19 and 24

Land, level upland prairie

Soil 2d rate

First Guide Meridian West
T 6 N

Between Sections 13 and 18 T 6 N

North on a true line

Variation 11° 55' East

24 00 Drain, Course East

29 10 Drain, Course 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 7. 12. 13. and 18

Land, level upland prairie

Soil 2d rate

First Guide Meridian West
T 6 N

Between Sections 7 and 12 T 6 N

North on a true line

Variation 11°40' East

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

53 00 Summit of a gentle elevation bearing E. and W.

61 00 Enter marshy basin now filled with water bearing East and West

80 00 Set a Post in a Mound with a charred stake as per instructions for a corner to sections 1. 6. 7 and 12. The trenches at this corner omitted and the mound rather imperfectly made for the reason that the water was about 2 feet deep at the time of Survey where the corner stands, and no suitable witness point could be had within a reasonable distance.

Land, level prairie

Soil 2d rate

The marsh unfit for cultivation

First Guide Meridian West
T 6 N

Between Sections 1 and 6 T 6 N

North on a true line

Variation 11° 30' East

20 00 Leave marshy basin and enter dry prairie bearing East and S 70° W

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 Townships 6 and 7 North, Ranges 8 and 9 West

Land level upland prairie

Soil 2d rate

The Marsh unfit for cultivation

First Guide Meridian West
T 7 N.

Between Sections 31 and 36 T 7 N

North on a true line

Variation 11° 15′ East

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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land level upland prairie

Soil 2d rate

First Guide Meridian West
T 7 N

Between Sections 25 and 30 T 7 N

North on a true line

Variation 11° 25′ East

16 50 Drain, Course East

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

53 00 Drain, Course SE

74 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 19. 24. 25 and 30

Land level upland prairie

Soil 2d rate

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

July 26th 1858

First Guide Meridian West
T 7 N
Between Sections 19 and 24 T 7 N

North on a true line

Variation 11° 27′ East

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

63 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 13. 18. 19 and 24

Land gently undulating prairie
Soil 2.d rate

First Guide Meridian West
T 7 N
Between Sections 13 and 18 T 7 N

North on a true line

Variation 11°33′ East

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

44 00 Summit of a gentle elevation bearing E. and W.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land, gently undulating prairie
Soil 2.d rate

First Guide Meridian West
T 7 N
Between Sections 7 and 12 T 7 N

North on a true line
Variation 11° 57' East

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

47 90 Drain, Course NW

80 00 Set a Post in a Mound and drove a charr=
=ed stake as per instructions for a corner to sections 1. 6. 7 and 12

Land, gently undulating prairie
Soil 2d rate

First Guide Meridian West
T 7 N
Between Sections 1 and 6 T 7 N

North on a true line
Variation 12° 05' East

16 60 Drain, Course SE

40 00 Set a Post in a Mound and drove a charr=
=ed stake as per. instructions for a quarter section corner

80 00 Set a Post in a Mound and drove a charr=
=ed stake as per instructions for a corner to Sections 1. 6. 31 and 36, Townships 7 and 8 North, Ranges 8 and 9 West

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 8 N.

Between Sections 31 and 36 T 8 N

North on a true line

Variation 12°06' East

2 15 Drain, Course East

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 gentle elevation bearing S.W. and N.E.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 8 N.

Between Sections 25 and 30 T 8 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 8 N

Between Sections 19 and 24 T 8 N

North 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

79 75 Drain, Course N E

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24

Land gently rolling prairie
Soil 2d. rate

Compared the measuring chains with the Stand=-ard and found them correct

July 27th 1858

First Guide Meridian West
T 8 N

Between Sections 13 and 18 T 8 N

North on a true line

Variation 12° 06' East

8 70 Branch 10 links wide, Course S E – Its general Course East

18 80 Drain, Course S E

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

53 00 Drain, Course East

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to sections 7. 12. 13 and 18

Land gently rolling prairie
Soil 2d. rate

First Guide Meridian West
T 8 N

Between Sections 7 and 12 T 8 N

North on a true line

Variation 12° 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 1. 6. 7 and 12

Land, gently undulating prairie
Soil 2d rate

First Guide Meridian West
T 8 N

Between Sections 1 and 6 T 8 N

North on a true line

Variation 12° 21' East

29 80 Drain, Course SE

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

80 00 Set a Post in a Mound and drove charred stake as per instructions for a corner to sections 1 and 6, Township 8 North, Ranges 8 and 9 West – The same being also to mark the intersection of the "First Guide Meridian West" with the "Second Standard Parallel North"

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
Off-set on the Second Standard Parallel
Between Townships 8 and 9 North

From the Post in a Mound at the corner to Sections 1 and 6, Township 8 North, Ranges 8 and 9 West I run

Along the "Second Standard Parallel North" on the South Boundary of Section 31 T 9 N. R 8 W

West on a true line

Variation 12° 30′ East

19 82 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 36 Township 9 North, Ranges 8 and 9 West

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 9 N.

Between Sections 31 and 36 T 9 N

North on a true line

Variation 12° 33′ East

33 00 Drain, Course East

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

41 10 Same drain, Course NW

43 30 Same drain, Course NE

66 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 25. 30. 31 and 36

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 9 N.

Between Sections 25 and 30 T 9 N

North on a true line

Variation 12°33' East

7 10 Drain, Course SE

32 50 Drain, Course 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 19. 24. 25 and 30

Land gently rolling prairie
Soil 1st rate

First Guide Meridian West
T 9 N

Between Sections 19 and 24 T 9 N

North 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 13. 18. 19 and 24

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 9 N

Between Sections 13 and 18 T 9 N

North on a true line

Variation 12° 33' 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 7, 12. 13 and 18

Land level prairie
Soil 2d rate

First Guide Meridian West
T 9 N.

Between Sections 7 and 12 T 9 N

North on a true line

Variation 12° 30' East

37 05 Drain, Course East

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
July 28th 1858

55 40 Drain, Course SE

74 50 Drain, Course S 4r

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 9 N.

Between Sections 1 and 6 T 9 N

North on a true line

Variation 12° 25' East

10 10 Drain, Course 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 1. 6. 31 and 36, Townships 9 and 10 North, Ranges 8 and 9 West

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N

Between Sections 31 and 36 T10 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N.

Between Sections 25 and 30 T 10 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 19. 24. 25 and 30

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N.

Between Sections 19 and 24 T 10 N.

North on a true line

Variation 12° 12′ East

30 50 Drain, Course 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 13. 18. 19 and 24

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N.

Between Sections 13 and 18 T 10 N

North on a true line

Variation 12° 12' East

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

78 80 Indian Trail 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 7. 12. 13 and 18

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N

Between Sections 7 and 12 T 10 N

North on a true line

Variation 12° 09' East

16 50 Intersected Wagon Road from Nebraska City to Fort Kearney bearing NE and SW

36 20 Drain, Course NW

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

44 80 Drain, Course NW

57 90 Drain, Course West

75 00 Drain, Course West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 1. 6. 7 and 12

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 10 N

Between Sections 1 and 6 T 10 N

North on a true line

Variation 12°09' East

9 00 Intersected Wagon Road from Nebraska City to Fort Kearney bearing N 15° W and S 15° E

18 00 Drain, Course NW – A Fork in the Road 3.00 chains West of line

23 00 Intersected the main Wagon Road from Nebraska City to Fort Kearney bearing N 35° E and S 35° W

33 44 Intersected the Right bank of Platte River bearing N 35° E and S 35° W, and set a Post with charred stake, trench and elevation as per instructions for a Meander Corner to fractional sections 1 and 6 from which

A Willow 6 in. dia. bears S 39° W 81 links distant

No other tree convenient to mark

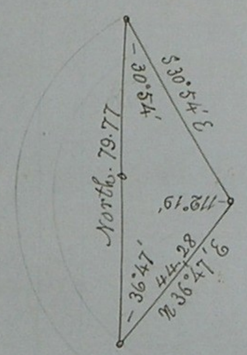
Then set a flag in line on the south shore of Grand Island on the left bank of this channel of the river. To obtain the distance across the channel I measured a base from the meander corner on the right bank N 36°47' E 44.28 chains

First Guide Meridian West
T 10 N

to a station from which the flag on the Island bears N 30°54' W – making the distance from the meander corner to the flag = 79.77 chains

Nat: Sine 30°54' = .5135413

Nat: Sine 112°19' = .9250993



.5135413 .. .9250993 :: 44.28

```
                 4428
              74007944
              18501986
              37003972
              37003972
.5135413) 40.963397004 ( 79.77 chains nearly
          35947891
           5.0155060
           46218717
            .39363430
            35947891
             34155394
```

79.77 chains added to 33.44 chains makes 113.21 chains. Consequently at

40 00 The quarter section corner in the river – inaccessible

80 00 The Township corner in the river – inaccessible.

As this corner cannot be located in its true place I select the place where the flag stands on the left bank of the channel as the nearest suitable Witness Point where I set a Post with charred stake,

First Guide Meridian West
T 10 N

trench and elevation as per instructions for a Witness Corner to Townships 10 and 11 North, Ranges 8 and 9 West, (33.21 chains north of the true point for the same) from which

A Cotton Wood 20 in. dia. bears N 69° W 132 links dist

A Cotton Wood 28 in. dia. bears N 24° E 374 links dist

No other tree near suitable to mark

Water in the river 7 feet deep – Current swift – Banks low and sandy – bottom shifting sand. Land; south of the river, rolling upland prairie; Soil 2d rate

Compared the measuring chains with the standard and found them correct

July 29th 1858

First Guide Meridian West
T 11 N

Between Sections 31 and 36 T 11 N

North on a true line

33 21 Intersected the left bank of the South or main channel of Platte River at the Witness corner Post to Townships 10 and 11 North, Ranges 8 and 9 West – the same answering also for a Meander Corner. The Shore of the Island bearing N 30° E and S 40° W

Variation of the needle 12° 12' East

From the Witness Corner at 33.21 chains I run North 6.79 chains farther and at

40 00 Set a Post with a charred stake as per instructions for a quarter section corner from which

A Cotton Wood 16 in. dia. bears S 3° W 301 links dist

A Cotton Wood 16 in. dia. bears N 58° E 133 links dist

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25.30.31 and 36

Land prairie; swampy, miry and now inundated to the depth of about 12 inches on an average – unfit for cultivation. A few scattering Cotton Wood trees skirting the river bank –

First Guide Meridian West
T 11 N

Between Sections 25 and 30 T 11 N

North on a true line

Variation 12° 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 19. 24. 25 and 30

Land level bottom prairie, now partially inun=
=dated; Soil 1st rate

First Guide Meridian West
T 11 N.

Between Sections 19 and 24 T 11 N

North 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

80 00 Set a Post and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24 from which

A Cotton Wood 30 in. dia. bears S 86° W 76 links dist

A Cotton Wood 30 in. dia. bears N 60° W 230 links dist

A Cotton Wood 20 in. dia. bears S 84° E 112 links dist

A Cotton Wood 12 in. dia. bears N 52½° E 149 links dist

A few scattering Cotton Wood trees in the vicinity of the corner

Land level prairie, now partially inundated

Soil 1st rate

First Guide Meridian West
T 11 N

Between Sections 13 and 18 T 11 N

North on a true line

Variation 12°25' 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 7. 12. 13 and 18

Land, level bottom prairie now partially inundated

Soil 1st rate

First Guide Meridian West
T 11 N

Between Sections 7 and 12 T 11 N

North on a true line

Variation 12°20' East

4 24 Intersected the right bank of the North Channel of Platte River, bearing N 70° E and S 70° W; and set a Post in a Mound and drove a charred stake as per instructions for a Meander Corner. There being a tree on line on the left bank of the River, I measured a base from the meander corner on the right bank of the Channel East 2.00 chains to a Station from which the tree on line on the left bank bears N 40° 15' W;— making the distance across the channel 2.36 chains

Nat: Co-Tang: 40° 15' = 1.1812477 2

Dist. across = 2.36249 54

2.36 chains added to 4.24 chains makes 6.60 chains.

6 60 A Cotton Wood tree 14 in. dia. marked for a "line tree" and also for a meander corner to fractional Sections 7 and 12 from which

An Elm 16 in. dia. bears N 54° W 111 links distant

An Elm 18 in. dia. bears N 3¾° E 105 links distant

First Guide Meridian West
T 11 N.

Enter scattering timber on the left bank of the river bearing with the bank N 70° E and S 70° W – Banks of river low and sandy – Water 4 feet deep – current rapid – bottom shifting sand.

24 00 Leave marshy bottom interspersed with scattering trees and enter gently rolling upland prairie, bearing S 80° W and N 80° E

28 00 Intersected Military Road from Omaha City to Fort Kearney bearing N 70° E and S 70° W

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

July 30th 1858

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land; First 24.00 chains level marshy bottom, the balance gently rolling upland prairie: Soil 1st rate

Scattering Cotton Wood and Elm trees in the marshy bottom.

First 24.00 chains now partially inundated –

First Guide Meridian West
T 11 N

Between Sections 1 and 6 T 11 N

North on a true line

Variation 12° 25' East

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

51 00 A Miry Slough 300 links wide, bearing East and West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 11 and 12 North, Ranges 8 and 9 West

Land, gently undulating prairie

Soil 1st rate

First Guide Meridian West
T 12 N.

Between Sections 31 and 36 T 12 N

North on a true line

Variation 12°27' East

11 00 A miry Slough 200 links wide 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land, gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 12 N

Between Sections 25 and 30 T 12 N

North on a true line

Variation 12°27' 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 19. 24. 25 and 30

Land gently rolling prairie
Soil 2d rate

First Guide Meridian West
T 12 N.

Between Sections 19 and 24 T 12 N

North on a true line

Variation 12° 27' 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 13. 18. 19 and 24

Land level upland prairie

Soil 2d rate

First Guide Meridian West
T 12 N

Between Sections 13 and 18 T 12 N

North on a true line

Variation 12° 15' East

12 50 Drain, Course S 60° E

35 00 Slough 70 links wide, bearing E. and W.

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 7. 12. 13 and 18

Land level prairie

Soil 2d rate

First Guide Meridian West
T 12 N.

Between Sections 7 and 12 T 12 N

North on a true line

Variation 12° 09' 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 1. 6. 7 and 12

Land level prairie

Soil 2d rate

First Guide Meridian West
T 12 N

Between Sections 1 and 6 T 12 N

North on a true line

Variation 12° 25' East

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

77 50 Prairie Creek (now swollen by rains) water 60 links wide, 10 feet deep, Current swift - Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1 and 6 Township 12 North, Ranges 8 and 9 West at the Intersection of the Guide Meridian with the Third Standard Parallel

Land level prairie

Soil 2d rate

Compared the measuring chains with the Standard and found them correct

August 2d 1858

First Guide Meridian West
T 12 N.

Between Sections 7 and 12 T 12 N

North on a true line

Variation 12° 09' 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 1. 6. 7 and 12

Land level prairie

Soil 2d rate

First Guide Meridian West
T 12 N

Between Sections 1 and 6 T 12 N

North on a true line

Variation 12° 25' East

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

77 50 Prairie Creek (now swollen by rains) water 60 links wide, 10 feet deep, current swift - Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1 and 6 Township 12 North, Ranges 8 and 9 West at the Intersection of the Guide Meridian with the Third Standard Parallel

Land level prairie

Soil 2d rate

Compared the measuring chains with the Standard and found them correct

August 2d 1858

First Guide Meridian West
Off-Set on the Third Standard Parallel
Between Townships 12 and 13 North

From the Post in a Mound at the corner to Sections 1 and 6, Township 12 North Ranges 8 and 9 West I run
Along the "Third Standard Parallel North" on the North boundary of Section 1 T 12. N. R 9 W.
West on a true line

Variation 12°45' East

20 06 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 31 and 36 T13 N. Ranges 8 and 9 West

Land level prairie
Soil 1st rate

First Guide Meridian West
T 13 N

Between Sections 31 and 36 T 13 N
North 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

55 00 A Miry Slough 150 links wide bearing E. and W.

61 60 A Miry Slough 100 links wide bearing E. and W.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land level prairie
Soil 1st rate

First Guide Meridian West
T 13 N

Between Sections 25 and 30 T 13 N

North on a true line

Variation 12°45' East

3 80 Slough 70 links wide, Course N W

15 10 Same Slough 70 links wide, Course S E

36 60 Drain, Course 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 19. 24. 25 and 30

Land level prairie

Soil 2d rate

First Guide Meridian West
T 13 N

Between Sections 19 and 24 T 13 N.

North 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

54 20 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 13. 18. 19 and 24

Land level prairie

Soil 1st rate

First Guide Meridian West
T 13 N.

Between Sections 13 and 18 T 13 N

North on a true line

Variation 13°05' 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 7. 12. 13 and 18

Land prairie; 1st 30.00 chains level – the balance rolling: Soil 2d rate

First Guide Meridian West
T 13 N.

Between Sections 7 and 12 T 13 N

North on a true line

Variation 13°06' 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 1. 6. 7 and 12

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 13 N

Between Sections 1 and 6 T 13 N

North on a true line

Variation 13°06' 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 Townships 13 and 14 North, Ranges 8 and 9 West

Land rolling prairie
Soil sandy 3d rate

First Guide Meridian West
T 14 N.

Between Sections 31 and 36 T 14 N

North on a true line

Variation 13°06' East

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

August 3d 1858

Leave out

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Aug 3 1858

Land rolling prairie
Soil 3d rate

First Guide Meridian West
T 14 N.

Between Sections 25 and 30 T 14 N

North on a true line

Variation 12°55' East

28 00 Summit of a ridge bearing E. and W.

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

44 00 Summit of the ridge dividing the waters of Platte River from those of Loupe Fork bearing East and West

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie

Soil Sandy 3d rate

First Guide Meridian West
T 14 N.

Between Sections 19 and 24 T 14 N.

North 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

80 00 Set a post in a mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 14 N.

Between Sections 13 and 18 T 14 N

North on a true line

Variation 12°45' East

26 20 Emigrant Road from Council Bluffs to Califor-
-nia and Oregon bearing N 75° E and S 75° W.

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 7. 12. 13 and 18

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 14 N

Between Sections 7 and 12 T 14 N

North 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

44 70 A Slough branch 100 links wide, miry bottom, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil sandy 2d rate

First Guide Meridian West
T 14 N

Between Sections 1 and 6 T 14 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 31 and 36, Townships 14 and 15 North, Ranges 8 and 9 West

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 15 N.

Between Sections 31 and 36 T 15 N

North on a true line

Variation 12° 55' East

15 40 A Wagon Road (not now used) leading from Council Bluffs to Great Salt Lake City and known as the "Old Mormon Trail," bearing N 55° E and S 55° W.

31 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

70 00 A Slough branch 100 links wide, miry bottom, Course N 80° E

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie

Soil Sandy 2d rate

First Guide Meridian West
T 15 N

Between Sections 25 and 30 T 15 N

North on a true line

Variation 13°05' East

2 00 Leave rolling uplands and enter level bottom bearing N 60° W and S 60° 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 19. 24. 25 and 30

Land, level bottom prairie

Soil 1st rate

First Guide Meridian West
T 15 N

Between Sections 19 and 24 T 15 N

North on a true line

Variation 13° 10' 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 13. 18. 19 and 24

Land; level bottom prairie

Soil 2d rate

First Guide Meridian West
T 15 N

Between Sections 13 and 18 T 15 N

North on a true line

Variation 13°25' East

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

68 00 A Slough 80 links wide bearing N 65° E and S 65° W. Leave prairie and enter brushy woods on the Left bank of the Slough bearing with the bank

77 51 Intersected the right bank of Loupe Fork of Platte River bearing S 80° W and N 80° E, and set a Post with charred stake, trench and elevation as per instructions for a Meander Corner to Fractional Sections 13 and 18 from which

A Cotton Wood 30 in. dia. bears S 45° W 42 links dist

A Cotton Wood 12 in. dia. bears S 43½ E 134 links dist

No other tree near

Left brushy woods on the right bank of the river bearing with the bank

Compared the measuring chains with the Standard and found them correct

August 4th 1858

First Guide Meridian West
T 15 N

In order to obtain the distance across the river I produced the line to the Left bank and at the point of intersection set a Post in a Mound and drove a charred stake as per instructions for a Meander Corner, from which I measured a base due West 10.00 chains to a Station from which the Meander corner on the right bank bears S 34°23' E making the distance between the meander corners on the right and left banks = 14.61 Chains

Nat: Co-Tang: 34°23' = 1.4613749
10.

Dist across = 14.613749

77.51 Chains added to 14.61 chains makes 92.12 chains. Consequently at

80 00 The corner to Sections 7. 12. 13 and 18 in the river – inaccessible. No nearer corner for a Witness corner than the meander corner already established 249 links South of the true section corner.

Land level, subject to inundation; Soil 2d rate

Timber Cotton Wood; Undergrowth, brush and vines

Right bank of river low and sandy.

First Guide Meridian West
T 15 N

Between Sections 7 and 12 T 15 N

Va 13°30' E

North on a true line

2.49 chains deducted from 14.61 chains leaves 12.12 chains for the distance of the Meander corner on the left bank of the river from the corner (or point for the same) of Sections 7. 12. 13 and 18. Consequently at

12 12 Intersected the left bank of the river bearing West and N 80° E, at the Meander Corner (Post in a Mound) to Sections 7 and 12 – Left bank of River 40 feet high nearly perpendicular – Water in the river from 1 to 4 feet deep – bottom shifting sand. This stream is not navigable but so large that it should be meandered

Variation of the needle 13° 30' East at the meander corner.

On the Left bank enter the ruins of an Indian Village bearing West and N 80° E, extending about 5.00 chains East and 15.00 chains West of the line

25 00 Leave ruins of Indian Village bearing E. and W.

First Guide Meridian West
T 15 N

27 70 Indian Trail, bearing East and West

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

August 5th 1858

51 00 Summit of a Conical Hill 100 feet high, used by the Indians for a burying ground

65 60 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 1. 6. 7 and 12

Land prairie; 1st ½ mile level, Soil 1st rate
last ½ mile hilly, Soil 2d rate

First Guide Meridian West
T 15 N

Between Sections 1 and 6 T 15 N

North on a true line

Variation 13° 33' East

1 40 Drain, Course East

15 00 Top of a hill bearing East and West

28 80 Ravine 100 links wide, 20 feet deep, Course East

33 00 Ravine 100 links wide, 20 feet deep, Course East

40 00 Set a Post with a charred stake as per instructions for a quarter Section corner from which
A Burr Oak 4 in. dia. bears N 48° W 75 links dist.
A Cotton Wood 10 in. dia. bears N 73° E 91 links dist.

57 30 Spring Branch 20 links wide, Course SE

80 00 Set a Post with charred stake, trench and elevation as per instructions for a corner to Townships 15 and 16 North, Ranges 8 and 9 West
No other trees convenient to mark

Land hilly prairie – the Ravines and branch skirted with scrubby Burr Oak and Cotton Wood trees

Soil 2d rate

First Guide Meridian West
T 16 N.

Between Sections 31 and 36 T 16 N

North on a true line

Variation 13° 30' East

2 00 Ravine 200 links wide, 30 feet deep, Course SW

16 00 Indian Trail bearing N 10° E and S 10° W

40 00 Set a Post with charred stake as per instructions for a quarter section corner from which
A Burr Oak 10 in. dia. bears N 62° W 144 links dist
A Burr Oak 6 in. dia. bears N 27½° E 255 links dist

42 10 Head of a ravine, Course SW

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land, hilly prairie broken by ravines, the sides of which are skirted with scrubby Burr Oak trees

Soil 2d rate

First Guide Meridian West
T 16 N

Between Sections 25 and 30 T 16 N

North 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 19. 24. 25 and 30

Land; high rolling prairie
Soil 1st rate

First Guide Meridian West
T 16 N

Between Sections 19 and 24 T 16 N

North on a true line

Variation 13° 30' East

9 00 Drain, Course SE

22 40 Drain, Course SE

32 40 Drain, Course SE

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

62 30 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 16 N

Between Sections 13 and 18 T 16 N

North on a true line

Variation 13° 30' East

1 90 Drain, Course East

3 50 Drain, Course SE

39 80 Drain, Course East

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

44 80 Drain, Course SE

78 20 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land hilly prairie

Soil 2d rate

First Guide Meridian West
T 16 N

Between Sections 7 and 12 T 16 N

North on a true line

Variation 13° 30' East

11 00 Drain, Course SE

19 00 Summit of a ridge bearing NW and SE

36 50 Drain, Course S 70° 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

August 6th 1858

58 30 Drain, Course East

68 90 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 1. 6. 7 and 12

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 16 N

Between Sections 1 and 6 T 16 N

North on a true line

Variation 13° 30' East

1 10 Drain, Course SE

9 00 Summit of a ridge bearing NW and SE

30 20 Drain, Course East

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

64 80 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Town-ship 16 North, Ranges 8 and 9 West at the intersection of the "Fourth Standard Parallel North," being also the corner to Sections 1 and 6 on the South side of said Parallel

Land hilly prairie

Soil 1st rate

First Guide Meridian West

Off-Set on the Fourth Standard Parallel

Between Townships 16 and 17 North

From the Post in a Mound at the corner to Sections 1 and 6 Township 16 North Ranges 8 and 9 West I run

Along the "Fourth Standard Parallel North" on the North Boundary of Section 1 T 16 N R 9 W West on a true line

Variation 13° 30' East

13 50 Drain, Course SE

20 30 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 36 T 17 N, Ranges 8 and 9 West

Land rolling prairie

Soil 1st rate

First Guide Meridian West
T 17 N

Between Sections 31 and 36 T 17 N

North on a true line

Variation 13° 30' East

9 00 Drain, Course SE

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

57 50 Summit of a ridge bearing NW and SE

75 00 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land hilly prairie
Soil 1st rate

First Guide Meridian West
T 17 N

Between Sections 25 and 30 T 17 N

North on a true line

Variation 13° 15' East

36 80 Summit of a ridge bearing East and West

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 NW

58 80 Drain, Course West

71 00 Drain, Course West

79 80 Ravine 40 links wide, 10 feet deep, Course West

80 00 Corner in bottom of Ravine. As this corner cannot be permanently located in its true place I select a point 30 links north of the same, and there set a Post in a Mound and drove a charred stake as per instructions for a Witness Corner to Sections 19. 24. 25 and 30

Land hilly prairie
Soil 1st rate

First Guide Meridian West
T 17 N

Between Sections 19 and 24 T 17 N

North on a true line

Variation 13° 09' East

9 50 Drain, Course West

24 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

41 90 Drain, Course East

55 00 Point of a hill sloping East

65 80 Drain, Course SE

78 50 Summit of a ridge bearing E. and W.

80.00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land hilly prairie

Soil 2d. rate

First Guide Meridian West
T 17 N

Between Sections 13 and 18 T 17 N

North on a true line

Variation 13° 25' East

12 00 Drain, Course NE

16 60 Drain, Course East

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

42 20 Branch 5 links wide, runs East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 17 N

Between Sections 7 and 12 T 17 N

North on a true line

Variation 13° 25' East

1 00 Summit of a ridge bearing NW. and SE

10 00 Drain, Course SE

30 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

45 60 Drain, Course N W

62 00 Point of a ridge sloping N W

66 40 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 1.6.7 and 12

Land hilly prairie

Soil 1st rate

Compared the measuring chains with the Standard and found them correct

August 7th 1858

First Guide Meridian West
T 17 N.

Between Sections 1 and 6 T 17 N

North on a true line

Variation 13° 33' East

5 00 Drain, Course NW

29 40 Spring branch 10 links wide, Course East

38 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

49 25 Summit of a ridge bearing NW. and SE.

56 10 Drain, Course S 60° E

66 00 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 17 and 18 North, Ranges 8 and 9 West

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 18 N

Between Sections 31 and 36 T 18 N

North on a true line

Variation 13°42' East

15 00 Summit of a ridge bearing E. and W.

25 20 Drain, Course N 20° E

34 20 Spring Branch 15 links wide, Course N E – Its gener=al course SE

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

65 80 Drain, Course SW

74 00 Summit of a ridge bearing E. and W.

79 05 Drain, Course NE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 18 N.

Between Sections 25 and 30 T 18 N

North on a true line

Variation 13° 30' East

4 00 Point of a ridge sloping East

11 00 Drain, Course SE

17 50 Summit of a ridge bearing NW and SE

32 50 Drain, Course SE

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 NW and SW

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 18 N.

Between Sections 19 and 24 T 18 N

North on a true line

Variation 13°00' East

10 40 Drain, Course SE

29 00 Drain, Course SW

33 90 Drain, Course SE

38 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

74 30 Drain, Course NE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 18 N.

Between Sections 13 and 18 T 18 N

North on a true line

Variation 12°55' East

6 50 Drain, Course East

24 10 Drain, Course East

34 50 Drain, Course East

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

40 15 Drain, Course SE

53 00 Summit of a Ridge bearing NW and SE

62 50 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land hilly prairie

Soil 1st rate

First Guide Meridian West
T 18 N

Between Sections 7 and 12 T 18 N

North on a true line

Variation 12°57' East

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

44 20 Drain, Course NE

53 00 Same, drain, Course NW

55 10 Same drain, Course NE

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 1.6.7 and 12

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 18 N

Between Sections 1 and 6 T 18 N

North on a true line

Variation 12°50' East

5 40 Branch 5 links wide, Course NW

10 00 Same branch 5 links wide, Course East – Junction of this branch with another from NW, 1 chain East of line

11 90 Branch 5 links wide, Course SE

15 10 Same branch 5 links wide, Course SW

16 90 Same branch 5 links wide, Course SE

35 30 Drain, Course SE

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

68 70 Summit of a ridge bearing E. and W.

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 31 and 36, Townships 18 and 19 North, Ranges 8 and 9 West

Land prairie; 1st 50.00 chains level – the balance rolling; Soil 1st rate

Compared the measuring chains with the Standard and found them correct August 8th 1858

First Guide Meridian West
T 19 N

Between Sections 31 and 36 T 19 N

North on a true line

Variation 12°45' East

2 50 Drain, Course West

27 40 Drain, Course SW

34 50 Same drain, Course SE

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

40 70 Drain, Course SW

64 40 Drain, Course East

77 10 Drain, Course SE

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 19 N.

Between Sections 25 and 30 T 19 N

North 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

42 00 Summit of a ridge bearing NW and SE

61 60 Drain, Course NE

67 00 Drain, 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 19. 24. 25 and 30

Land hilly prairie
Soil 2d rate

First Guide Meridian West
T 19 N

Between Sections 19 and 24 T 19 N

North on a true line

Variation 12° 35' East

32 50 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

55 00 Summit of a ridge bearing E. and W.

66 00 Drain, Course N W

68 90 Same drain, Course N E

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24

Land, hilly prairie

Soil 2d rate

First Guide Meridian West
T 19 N

Between Sections 13 and 18 T 19 N

North on a true line

Variation 12° 33' East

3 00 Drain, Course N W

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

58 00 Drain, Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 7. 12. 13 and 18

Land hilly prairie

Soil 2d rate

First Guide Meridian West
T 19 N

Between Sections 7 and 12 T 19 N

North on a true line

Variation 12°30' East

1 00 Drain, Course East

10 00 Leave hilly upland and enter level bottom bearing S 70° E and N 70° W

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 1. 6. 7 and 12

Land prairie; 1st 10.00 chains hilly – the balance level

Soil 1st rate

First Guide Meridian West
T 19 N

Between Sections 1 and 6 T 19 N

North on a true line

Variation 12°30' East

3 65 Creek, 245 links wide, water 2 feet deep, swift current, runs N E. Banks low and Sandy – bottom shifting sand. Its general Course S 70° E

13 40 branch, 10 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 1. 6. 31 and 36, Townships 19 and 20 North, Ranges 8 and 9 West

Land, level bottom prairie

Soil 1st rate

Compared the measuring chains with the standard and found them correct

August 9th 1858

First Guide Meridian West
T 20 N

Between Sections 31 and 36 T 20 N

North on a true line

Variation 12°30' East

5 00 Leave Creek bottom and enter rolling upland 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

77 60 Branch 5 links wide, Course S W

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 20 N

Between Sections 25 and 30 T 20 N

North on a true line

Variation 12°30' East

38 00 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

43 50 Drain, Course S E

55 80 Drain, Course S E

59 10 Same 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 19. 24. 25 and 30

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 20 N

Between Sections 19 and 24 T 20 N

North on a true line

Variation 12° 30' East

0 60 Drain, Course SE

13 20 Drain, Course SW

15 40 Same drain, Course, 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 13. 18. 19 and 24

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 20 N

Between Sections 13 and 18 T 20 N.

North on a true line

Variation 12° 30' East

8 80 Drain, Course East

14 30 Drain, Course SE

35 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

44 00 Drain, Course West

58 60 Drain, Course SW

67 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 7. 12. 13 and 18

Land hilly prairie
Soil 2d rate

First Guide Meridian West
T 20 N

Between Sections 7 and 12 T 20 N

North on a true line

Variation 12° 30' East

3 00 Drain, Course S W

21 00 Summit of a ridge, bearing E. and W.

40 00 Set a Post in a Mound and drove a charred stake as per instructions for a ~~corner to~~ quarter Sections 1. 6. 7 and 12 corner

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land prairie; 1st half mile hilly – the balance level: Soil 2d rate

First Guide Meridian West
T 20 N

Between Section 1 and 6 T 20 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1 and 6 Township 20 North, Ranges 8 and 9 West; the same being also to mark the Intersection of the "First Guide Meridian West" with the "Fifth Stand= = ard Parallel North"

Land rolling prairie

Soil 1st rate

First Guide Meridian West
Off-Set on The Fifth Standard Parallel
Between Townships 20 and 21 North

From the Post in a Mound at the corner to Town=
=ship 20 North, (Sections 1 and 6,) Ranges 8 and
9 West I run
Along the North Boundary of Section 1 Township
20 North, Range 9 West, on the "Fifth Standard
Parallel North"
West on a true line
Variation 12° 30' East

17 55 Drain, Course N W
20 55 Set a Post in a Mound and drove a charred
stake as per instructions for a corner to Sections
31 and 36 Township 21 North, Ranges 8 and 9
West

Land rolling prairie
Soil 1st rate

First Guide Meridian West
T 21 N
Between Sections 31 and 36 T 21 N

North on a true line
Variation 12° 30' East

3 10 Drain, Course West
11 00 Point of a ridge sloping NW
22 30 Drain, Course N 70° W
29 50 Drain, Course S 70° W
37 00 Top of a Conical hill
40 00 Set a Post in a Mound and drove a charred
stake as per instructions for a quarter Section corner
44 80 Drain, Course S 60° W
51 80 Drain, Course S 60° W
62 00 Point of a hill sloping West
66 00 Drain, Course S 60° W
76 30 Summit of a ridge bearing E. and W
80 00 Set a Post in a Mound and drove a charred
stake as per instructions for a corner to Sections
25. 30. 31 and 36

Land prairie
Surface hilly and broken
Soil 3d rate

First Guide Meridian West
T 21 N

Between Sections 25 and 30 T 21 N

North on a true line

Variation 12° 30' East

1 90 Drain, Course N 80° W

39 00 Summit of a 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

52 00 Ravine 400 links wide, 30 feet deep, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land hilly prairie

Soil 2d rate

First Guide Meridian West
T 21 N

Between Sections 19 and 24 T 21 N

North on a true line

Variation 12° 30' East

0 80 Drain, Course N W

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 13. 18. 19 and 24

Land rolling prairie

Soil sandy 3d rate

Compared the measuring chains with the standard and found them correct

August 10th 1858

First Guide Meridian West
T 21 N

Between Sections 13 and 18 T 21 N

North 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

50 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 7. 12. 13 and 18

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 21 N

Between Sections 7 and 12 T 21 N

North 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 1. 6. 7 and 12

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 21 N

Between Sections 1 and 6 T 21 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Town=ships 21 and 22 North, Ranges 8 and 9 West

Land rolling prairie
Soil sandy, 3d. rate

First Guide Meridian West
T 22 N

Between Sections 31 and 36 T 22 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie
Soil sandy 3d. rate

First Guide Meridian West
T 22 N

Between Sections 25 and 30 T 22 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sec= =tions 19. 24. 25 and 30

Land hilly prairie

Soil sandy, 3d rate

First Guide Meridian West
T 22 N

Between Sections 19 and 24 T 22 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land hilly prairie

Soil sandy, 3d rate

First Guide Meridian West

T 22 N

Between Sections 13 and 18 T 22 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land hilly prairie

Soil Sandy 3d rate

First Guide Meridian West

T 22 N

Between Sections 7 and 12 T 22 N

North on a true line

Variation 12° 30′ East

25 00 Leave hills and enter level bottom bearing E. and W.

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 1. 6. 7 and 12

Land prairie; – First 25.00 chains Sand-hills nearly destitute of vegetation – The balance level bottom

Soil 1st rate

First Guide Meridian West
T 22 N

Between Sections 1 and 6 T 22 N

North 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

48 80 Creek 25 links wide, low sandy banks, miry bottom and runs N 60° E — Its general course South East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 22 and 23 North, Ranges 8 and 9 West

Land level bottom prairie

Soil 1st rate

Compared the measuring chains with the standard and found them correct

August 11th 1858

First Guide Meridian West
T 23 N

Between Sections 31 and 36 T 23 N

North on a true line

Variation 12° 30' East

38 00 Leave level bottom and enter gently rolling upland 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 25. 30. 31 and 36

Land prairie; 1st 38.00 chains level; Soil 1st rate — the balance rolling; Soil 3d rate

First Guide Meridian West
T 23 N

Between Sections 25 and 30 T 23 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 23 N

Between Sections 19 and 24 T 23 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie

Soil Sandy 3d rate

First Guide Meridian West
T 23 N

Between Sections 13 and 18 T 23 N

North 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

66 00 Drain, Course West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land rolling prairie

Soil sandy. 3d rate

First Guide Meridian West
T 23 N

Between Sections 7 and 12 T 23 N

North on a true line

Variation 12°45' East

7 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

42 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 1. 6. 7 and 12

Land rolling prairie

Soil Sandy. 3d rate

First Guide Meridian West
T 23 N

Between Sections 1 and 6 T 23 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1.6.31 and 36, Townships 23 and 24 North, Ranges 8 and 9 West

Land rolling prairie

Soil sandy 3d rate

Compared the measuring chains with the Standard and found them correct

August 12th 1858

First Guide Meridian West
T 24 N

Between Sections 31 and 36 T 24 N

North on a true line

Variation 12°57′ 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 25.30.31 and 36

Land rolling prairie

Soil sandy, 3d rate

First Guide Meridian West
T 24 N

Between Sections 25 and 30 T 24 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 24 N

Between Sections 19 and 24 T 24 N

North 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

55 00 Summit of a ridge bearing SE and NW

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 13. 18. 19 and 24

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 24 N

Between Sections 13 and 18 T 24 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land rolling prairie

Soil sandy, 3d rate

First Guide Meridian West
T 24 N

Between Sections 7 and 12 T 24 N

North 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

76 50 Summit of a ridge bearing East and West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 24 N

Between Sections 1 and 6 T 24 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1 and 6 T 24 N, Ranges 8 and 9 West, at the Intersection of the "First Guide Meridian West" with the Sixth Standard Parallel North.

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
Off-set on the Sixth Standard Parallel
Between Townships 24 and 25 North

From the Post in a Mound at the corner to Sections 1 and 6, Townships 24 North, Ranges 8 and 9 West I run

Along the North Boundary of Section 1 T 24 N, Range 9 West, on the Sixth Standard Parallel North

West on a true line

Variation 13°00' East

20 79 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 31 and 36 T 25 N, Ranges 8 and 9 West

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 25 N

Between Sections 31 and 36 T 25 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to sections 25. 30. 31 and 36

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 25 N

Between Sections 25 and 30 T 25 N

North on a true line

Variation 13°00' East

30 40 Creek 20 links wide, low sandy banks, quicksand bottom, water 2 feet deep, swift current, and runs East

31 50 Same Creek 20 links wide, runs SW

32 70 Same Creek 20 links wide, runs 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 19. 24. 25 and 30

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T25 N

Between Sections 19 and 24 T25 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie

Soil sandy 3.d rate

First Guide Meridian West
T25 N

Between Sections 13 and 18 T25 N

North on a true line

Variation 13° 00' East

30 00 Summit of a 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 7. 12. 13 and 18

Land rolling prairie

Soil sandy 3.d rate

First Guide Meridian West
T 25 N

Between Sections 7 and 12 T 25 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 25 N

Between Sections 1 and 6 T 25 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 25 and 26 North, Ranges 8 and 9 West

Land rolling prairie

Soil sandy 3d rate

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

August 13th 1858

First Guide Meridian West
T 26 N

Between Sections 31 and 36 T 26 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 26 N

Between Sections 25 and 30 T 26 N

North on a true line

Variation 13° 06' 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 19. 24. 25 and 30

Land, gently rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 26 N

Between Sections 19 and 24 T 26 N

North on a true line

Variation 13°06' 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 13. 18. 19 and 24

Land, gently undulating prairie

Soil sandy 3d rate

First Guide Meridian West
T 26 N

Between Sections 13 and 18 T 26 N

North on a true line

Variation 13°03' East

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

63 10 Creek 20 links wide, low sandy banks, miry bottom-water 4 feet deep, Current moderate and runs East-Its general course N E

80 00 Set a post with charred stake, trench and elevation as per instructions for a corner to Sections 7. 12. 13 and 18 from which

A Burr Oak 14 in. dia. bears S 74½° W 290 links distant

No other tree near

Land, gently undulating prairie

Soil sandy, 2d rate

First Guide Meridian West
T 26 N

Between Sections 7 and 12 T 26 N

North on a true line

Variation 13°00' East

14 00 Leave prairie and enter scattering Timber bearing West and SE

14 29 Ash 6 in. dia.

16 30 Intersected the Right bank of Elk Horn River bearing S W and N 20° E, and set a Post with a charred stake as per instructions for a Witness Point from which

A Burr Oak 5 in. dia. bears N 61° E 11 links dist

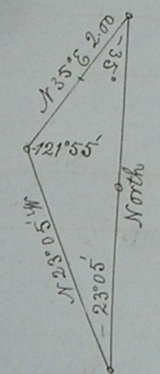
A Burr Oak 6 in. dia. bears S 22° W 61 links dist

Compared the measuring chains with the Standard and found them correct

August 14th 1858

Set a Post at the intersection of the Meridian with the left bank of the river, and, in order to obtain the distance across, measured from it S 35° W 200 links to a Station from which the Witness Post on the Right bank bears S 23°05' E - making the distance across the river 4.33 chains.

First Guide Meridian West
T 26 N



Sine 23°05' = 9.593363

Sine 121°55 = 9.928815

Log: 200 = 2.301030

12.229845

9.593363

Dist: 433 = 2.636482

4.33 chains added to 16.30 chains makes 20.63 chains.

20 63 Intersected the Left bank of Elk Horn River bearing S 20° W and N 60° E, and set a Post for a Witness Point from which

An Ash 10 in. dia. bears S 54° W 27 links distant

An Ash 10 in. dia. bears N 57° E 48 links distant

Elk Horn river is not navigable - At the place where the line crosses it has low sandy banks and bottom of shifting sand - The current is swift and water about 5 feet deep. Its general course S 60° E

31 13 Burr Oak 24 in. dia

36 00 Touch Left bank of Elk Horn River in a bend bearing N 15° W and S 15° E

40 00 Set a Post with a charred stake as per instructions

First Guide Meridian West
T 26 N

for a quarter Section corner from which
A Cotton Wood 20 in. dia. bears West 50 links dist
A Burr Oak 14 in. dia. bears S 68° E 100 links dist
43 64 A Burr Oak 12 in. dia.
44 00 Leave scattering timber and enter prairie, bearing N W and S E
59 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 1. 6. 7 and 12

Land - 1st 36.00 chains level - the balance rolling
Soil sandy 3d rate
Timber; Burr Oak, Cotton Wood and Ash
Undergrowth same and vines

First Guide Meridian West
T 26 N

Between Sections 1 and 6 T 26 N
North on a true line
Variation 13° 05' East
25 00 Intersected a branch of the "Old Mormon Trail" or Wagon Road made by Emigrants from Council Bluff to Great Salt Lake in the year 1846, bearing N 60° W and S 60° 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 1. 6. 31 and 36, Townships 26 and 27 North, Ranges 8 and 9 West

Land rolling prairie
Soil sandy 3d rate

First Guide Meridian West
T 27 N

Between Sections 31 and 36 T 27 N

North on a true line

Variation 13°05' 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 25. 30. 31 and 36

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 27 N

Between Sections 25 and 30 T 27 N

North on a true line

Variation 13°05' East

1 40 Intersected the "Old Mormon Trail" leading from Council Bluffs to Great Salt Lake 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

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 27 N

Between Sections 19 and 24 T 27 N

North on a true line

Variation 13°05' 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 13. 18. 19 and 24

Land rolling prairie

Soil sandy 3d. rate

First Guide Meridian West
T 27 N

Between Sections 13 and 18 T 27 N

North on a true line

Variation 13°05' 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 7. 12. 13 and 18

Land rolling prairie

Soil sandy, 3d. rate

First Guide Meridian West
T 27 N

Between Sections 7 and 12 T 27 N

North on a true line

Variation 13°05' 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 S E and N W

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land, rolling prairie

Soil sandy 3d rate

First Guide Meridian West
T 27 N

Between Sections 1 and 6 T 27 N

North on a true line

Variation 13°05' 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 Townships 27 and 28 North, Ranges 8 and 9 West

Land rolling prairie

Soil sandy, 3d rate

First Guide Meridian West
T 28 N

Between Sections 31 and 36 T 28 N

North on a true line

Variation 13° 05' East

28 50 Drain, Course N W

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 25. 30. 31 and 36

Land rolling prairie
Soil 2d rate

Compared the measuring chains with the Standard and found them correct

August 15th 1858

First Guide Meridian West
T 28 N

Between Sections 25 and 30 T 28 N

North on a true line

Variation 13° 05' 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 East and West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 28 N.

Between Sections 19 and 24 T 28 N

North on a true line

Variation 13° 05' East

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

79 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 13. 18. 19 and 24

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 28 N

Between Sections 13 and 18 T 28 N

North on a true line

Variation 13° 05' East

1 00 Drain, Course N E

5 50 Same drain, Course West

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

61 90 Drain, Course West

72 00 Point of a ridge sloping West

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 28 N

Between Sections 7 and 12 T 28 N

North on a true line

Variation 13°05' East

15 70 Spring branch 10 links wide runs NE

17 40 Branch 5 link wide runs 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 1. 6. 7 and 12

Land rolling prairie
Soil 3d. rate

First Guide Meridian West
T 28 N

Between Sections 1 and 6 T 28 N

North on a true line

Variation 13°03' East

1 20 Drain, Course SE

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

41 00 Drain, Course SE

44 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 1 and 6, Township 28 North, Ranges 8 and 9 West, at the Intersection of the "First Guide Meridian West" with the "Seventh Standard Parallel North"

Land rolling prairie
Soil 2d. rate

First Guide Meridian West
Off-Set on the Seventh Standard Parallel
Between Townships 28 and 29 North

From the Post in a Mound at the corner to Sec=
=tions 1 and 6 Township 28 North, Ranges 8
and 9 West I run
Along the North Boundary of Section 1 T 28 N
R 9 W. on the "Seventh Standard Parallel North"
West on a true line

Variation 13°00' East

21 06 Set a Post in a Mound and drove a charred
stake as per instructions for a corner to Sec=
=tions 31 and 36 Township 29 North, Ranges
8 and 9 West

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 29 N
Between Sections 31 and 36 T 29 N

North 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

45 00 Drain, Course NE

80 00 Set a Post in a Mound and drove a charred
stake as per instructions for a corner to Sections
25. 30. 31 and 36

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 29 N

Between Sections 25 and 30 T 29 N

North on a true line

Variation 13° 03' East

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

65 00 Summit of a ridge bearing E. and W.

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T 29 N

Between Sections 19 and 24 T 29 N

North on a true line

Variation 13° 03' East

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

61 30 Drain, Course N W

70 00 Drain, Course N 60° W

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie
Soil 2d rate

First Guide Meridian West
T29 N

Between Sections 13 and 18 T29 N

North on a true line

Variation 13°03' East

30 20 Drain, Course N W

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

42 90 Drain, Course NW

75 05 Creek 20 links wide, Sandy banks and bottom, water 1 foot deep, swift current, Course NE

80 00 Set a Post, with charred stake, trench and elevation as per instructions for a corner to Sections 7. 12. 13 and 18 from which

A Burr Oak 26 in dia, bears N 89°25' E 223 links dist

No tree in either of the other adjacent Sections convenient to mark

Land rolling prairie; Soil 2d rate

A few scattering Burr Oak and Ash trees along the Creek.

Compared the measuring chains with the Standard and found them correct

August 16th 1858

First Guide Meridian West
T29 N.

Between Sections 7 and 12 T29 N

North on a true line

Variation 13°03' East

7 10 Creek 20 links wide, runs West

9 24 Burr Oak 18 in. dia.

10 50 Same Creek 20 links wide, runs NE

36 60 Branch 10 links wide, runs East

40 00 Set a Post with a charred stake as per instructions for a quarter Section corner from which

A Cotton Wood 22 in dia. bears N 55° W 167 links dist

A Burr Oak 18 in. dia. bears S 21° E 263 links dist.

77 90 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil 2d rate

Scattering Burr Oak and Ash trees along the Creek and branch

First Guide Meridian West
T 29 N

Between Sections 1 and 6 T 29 N

North on a true line

Variation 13°03' East

35 30 Spring Branch 5 links wide, runs 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 Townships 29 and 30 North, Ranges 8 and 9 West

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 30 N

Between Sections 31 and 36 T 30 N

North on a true line

Variation 13°03' East

25 00 Summit of a ridge bearing East and West

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

49 70 Drain, Course East

64 20 Branch 5 links wide, runs East

76 60 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 30 N

Between Sections 25 and 30 T 30 N

North on a true line

Variation 13°03' East

9 00 Summit of a ridge bearing NW and SE

30 20 Drain, Course SE

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

78 00 Summit of a ridge bearing E. and W.

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie
Soil 3d. rate

First Guide Meridian West
T 30 N.

Between Sections 19 and 24 T 30 N

North on a true line

Variation 13°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 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie
Soil 3d. rate

First Guide Meridian West
T 30 N

Between Sections 13 and 18 T 30 N

North on a true line

Variation 13°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 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 30 N

Between Sections 7 and 12 T 30 N

North on a true line

Variation 13°05' East

36 30 Drain, Course East

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

49 00 Drain, Course East

58 00 Branch 5 links wide runs N W

63 50 Same branch 5 links wide, runs N E

73 80 Same branch 5 links wide, runs N W

79 80 Same branch 5 links wide, runs N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 30 N

Between Sections 1 and 6 T 30 N

North on a true line

Variation 13° 05' East

10 00 Branch 10 links wide, Course N W

11 50 Same branch 10 links wide, Course N E

32 40 Creek 25 links wide, low sandy banks, miry bottom - Water 1½ feet deep - swift current, Course 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 Townships 30 and 31 North, Ranges 8 and 9 West

Land rolling prairie

Soil 3d rate

Compared the measuring chains with the Standard and found them correct

August 17th 1858

First Guide Meridian West
T 31 N

Between Sections 31 and 36 T 31 N

North on a true line

Variation 13° 15' East

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

59 10 Branch 5 links wide, runs East

67 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 25. 30. 31 and 36

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 31 N

Between Sections 25 and 30 T 31 N

North on a true line

Variation 13° 20' East

32 50 Drain, Course SE

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

52 30 Drain, Course SE

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 19. 24. 25 and 30

Land rolling prairie

Soil 2d. rate

First Guide Meridian West
T 31 N

Between Sections 19 and 24 T 31 N

North on a true line

Variation 13° 10' East

15 00 Summit of a ridge bearing East and West

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

52 60 Drain, Course NW

73 00 Drain, Course NW

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land rolling prairie

Soil 2d. rate

First Guide Meridian West
T 31 N

Between Sections 13 and 18 T 31 N

North on a true line

Variation 13° 10' East

9 20 Drain, Course N W

22 00 Drain, Course N W

29 10 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

52 30 Drain, Course N W

61 00 Same drain, Course N E

70 10 Drain, Course East

77 00 Drain, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 7. 12. 13 and 18

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 31 N

Between Sections 7 and 12 T 31 N

North 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

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 31 N

Between Sections 1 and 6 T 31 N

North on a true line

Variation 12° 50' East

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

60 50 Drain, Course N W

67 00 Same drain, Course N E

75 00 Ravine 200 links wide, 20 feet deep, Course East

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Townships 31 and 32 North, Ranges 8 and 9 West

Land rolling prairie
Soil 3d rate

First Guide Meridian West
T 32 N

Between Sections 31 and 36 T 32 N

North on a true line

Variation 12° 50' East

35 00 Leave prairie and enter scattering timber, bearing East and West

38 21 Elm 16 in. dia.

38 90 Creek 20 links wide runs East – Its general course North East

40 00 Set a Post and drove a a charred stake as per instructions for a quarter Section corner from which

A Burr Oak 12 in. dia. bears N 72° E 150 links dist

A Burr Oak 12 in. dia. bears S 39° W 62 links dist

42 00 Leave scattering timber and enter prairie bearing East and West

80 00 Set a Post in a mound and drove a charred stake as per instructions for a corner to Sections 25. 30. 31 and 36

Land hilly; Soil 3d rate
Timber, Burr Oak and Ash

First Guide Meridian West
T 32 N

Between Sections 25 and 30 T 32 N

North on a true line

Variation 13°00' East

35 00 Summit of a ridge bearing E. and W.

40 00 Set a Post in a Mound and 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 19. 24. 25 and 30

Land rolling prairie

Soil 3d rate

First Guide Meridian West
T 32 N

Between Sections 19 and 24 T 32 N

North 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 20 Spring Branch 5 links wide, runs N E

72 90 Same Branch 5 links wide, runs N W

73 60 Same Branch 5 links wide, runs N E – Its general Course N E

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 13. 18. 19 and 24

Land hilly prairie

Soil 3d rate

Compared the measuring chains with the standard and found them correct

August 18th 1858

First Guide Meridian West
T 32 N

Between Sections 13 and 18 T 32 N

North on a true line

Variation 13°00' East

12 50 Ravine 200 links wide, 20 feet deep, Course East

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

51 00 Ravine 200 links wide, 20 feet deep, Course NE

66 00 Ravine 200 links wide, 20 feet deep, Course NE

68 55 A Burr Oak 8 in. dia.

77 00 Ravine 150 links wide, 20 feet deep, Course East

80 00 Set a Post, with a charred stake, trench and elevation as per instructions for a corner to Sections 7. 12. 13 and 18 from which

A Burr Oak 10 in. dia. bears S 36½° E 161 links dist

A Burr Oak 14 in. dia. bears S 26½° W 151 links dist

A Burr Oak 10 in. dia. bears N 60½° W 255 links dist

No tree in Section 7 convenient to mark

Land hilly and broken; Soil 3d rate

Scattering Burr Oak timber skirting the ravines.

First Guide Meridian West
T 32 N

Between Sections 7 and 12 T 32 N

North on a true line

Variation 13°00' East

2 95 Indian Trail bearing S 75° E and N 75° W

18 00 Leave prairie and enter scattering timber bearing S 75° E and N 75° W

19 55 Burr Oak 18 in. dia.

25 52 Intersected the right bank of Niobrarah, Nebrahrah, L'eau qui — Court or Running Water River bearing N 60° W. and S 60° E, and set a Post with charred stake, trench and elevation as per instructions for a Meander Corner to Fractional Sections 7 and 12 from which

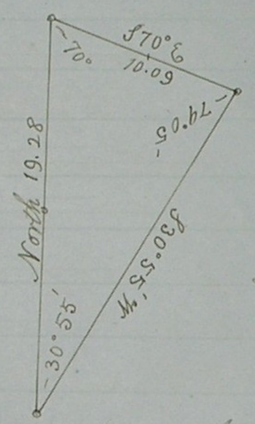
A Cotton Wood 14 in. dia. bears N 47½° W 183 links dist

No tree in Section 7 convenient to mark

To obtain the distance across the river I set a flag at the intersection of the meridian with the South shore of an Island in the stream from which I measured a base S 70° E 10.09 chains to a Station from which the Meander corner on the Right bank bears S 30° 55' W. - Making the distance from the Meander Corner to the flag on the Island

First Guide Meridian West
T 32 N.

19.28 chains.



Sine 79°05' = 9.992069
Log 10.09 = 1.003891
10.995960
Sine 30°55' = 9.710786
Dist. across 19.28 Log = 1.285174

19.28 chains added to 25.52 chains makes 44.80 chains. Consequently at

40 00 The quarter Section corner in the river - inaccessible

44 80 Intersected the South Shore of an Island in the river bearing N 45° W and S 70° E, and set a Post for a "Meander Corner" from which
A Cotton Wood 20 in. dia. bears S 47° E 58 links dist
A Cotton Wood 14 in. dia. bears N 14° W 37 links dist

54 51 A Cotton Wood 14 in. dia.

55 02 A Cotton Wood 14 in. dia.

60 65 A Cotton Wood 16 in. dia.

64 78 Intersected the North Shore of an Island bear-

First Guide Meridian West
T 32 N.

-ing N 60° W and S 60° E, and Set a Post for a Meander Corner from which
A Cotton Wood 24 in. dia. bears S 19° W 37 links dist
A Cotton Wood 6 in. dia. bears N 85° E 34 links dist
Leave timber on the North Shore of the Island bearing with the bank.

To obtain the distance from the Meander Corner on the North Shore of the Island to the Left Bank of the river, I set a flag in line on said Left Bank from which I measured a base East 8.58 chains to a Station from which the Meander corner on the Island bears S 45° W - making the distance across the channel equal the base or 8.58 chains.

8.58 chains added to 64.78 chains makes 73.36 chains

73 36 Intersected the left Bank of the river bearing N 60° W and S 60° E and set a Post in a Mound and drove a charred stake as per instructions for a Meander corner to fractional

First Guide Meridian West
T 32 N

Sections 7 and 12

80 00 Set a Post in a Mound and drove a charred stake as per instructions for a corner to Sections 1. 6. 7 and 12

Land; First 25.00 chains hilly upland – the remainder level bottom

Soil 2d rate

Timber; Cotton Wood and Burr Oak

Undergrowth, Swamp Dog-Wood, Prickly-Ash and vines

First Guide Meridian West
T 32 N

Between Sections 1 and 6 T 32 N

North on a true line

Variation 13° 00' East

9 00 Leave level bottom and enter hilly upland bearing N 70° W and S 70° E

40 00 Set a Sand Stone 16 in. long 14 in. wide and 4 in. thick for a quarter Section corner

51 00 Summit of a ridge dividing the water of Niobrarah River from those of Poncas Creek bearing East and West.

61 00 Indian Trail leading from the Poncas Villages up Niobrarah River bearing E. and W.

80 00 Set a Sand Stone 28 in. long 12 in. wide and 8 in. thick in a Mound of Stones as per in-=structions for a corner to Sections 1 and 6 Township 32 North, Ranges 8 and 9 West – the Same being also to mark the intersection of the "First Guide Meridian West" with the "Eighth Standard Parallel North".

Land hilly prairie; Soil 2d rate

Compared the measuring chains with the Standard and found them correct August, 19th 1858

First Guide Meridian West
Off-Set on the Eighth Standard Parallel
Between Townships 32 and 33 North

From the Stone corner to Sections 1 and 6 Township 32 North, Ranges 8 and 9 West I run

Along the North Boundary of Section 1 Township 32 North, Range 9 West on the "Eighth Standard Parallel North"

West on a true line

Variation 13° 00' East

21 31 Set a Sand Stone 28 in. long 19 in. wide and 6 in. thick in a mound of Stones as per in= =structions for a corner to Sections 31 and 36 Township 33 North, Ranges 8 and 9 West

Land rolling prairie

Soil 2d. rate

First Guide Meridian West
T 33 N
Between Sections 31 and 36 T 33 N

North on a true line

Variation 13° 00' East

40 00 Set a Sand Stone 23 in. long 14 in. wide and 5 in. thick for a quarter Section corner

56 10 Drain, Course N E

71 00 Drain, Course N W

80 00 Set a Sand Stone 21 in. long 13 in. wide and 3 in. thick for a corner to Sections 25. 30. 31 and 36 from which

A Burr Oak 14 in. dia, bears N 32° W 277 links dist

A Burr Oak 12 in. dia. bears S 11½° W 204 links dist

A Burr Oak 8 in. dia. bears S 15° E 93 links dist

A Burr Oak 8 in. dia. bears N 18° E 186 links dist

Land hilly prairie

Soil 2d. rate

A few scattering Burr Oak trees near the Section Corner

First Guide Meridian West
T 33 N

Between Section 25 and 30 T 33 N

North on a true line

Variation 13° 15' East

6 00 Drain, Course N E

11 80 Same drain, Course N W

25 10 Same drain, Course N E

35 00 Same drain, Course N W

39 30 Same drain, Course N E

40 00 Set a Sand Stone 20 in. long. 14 in. wide and 2 in. thick for a quarter Section corner

49 00 Same drain, Course N W

80 00 Set a Sand Stone 25 in. long 10 in. wide and 3 in thick for a corner to Sections 19. 24. 25 and 30

Land hilly prairie

Soil 2d rate

First Guide Meridian West
T 33 N.

Between Sections 19 and 24 T 33 N

North on a true line

Variation 13° 00' East

6 50 Spring Branch 5 links wide, Course N E

19 50 Point of a hill sloping East

40 00 Set a Sand Stone 26 in. long 11 in. wide and 4 in. thick for a quarter Section corner

54 70 Poncas Creek 80 links wide with low sandy banks, miry bottom, Water 2 feet deep, swift current and runs East

80 00 Set a Sand Stone 23 in. long 13 in. wide and 4 in. thick for a corner to Sections 13. 18. 19 and 24

Land rolling prairie

Soil 2d rate

First Guide Meridian West
T 33 N.

Between Sections 13 and 18 T 33 N

North on a true line

Variation 13° 00' East

8 50 Drain, Course SW

40 00 Set a Sand Stone 24 in. long 17 in. wide and 3 in. thick for a quarter Section corner

46 00 Drain, Course SE

54 60 Summit of a ridge bearing NW. and SE.

77 10 Drain, Course East

80 00 Set a Sand Stone 25 in. long 10 in. wide and 5 in. thick for a corner to Sections 7. 12. 13 and 18

Land hilly prairie
Soil 2d rate

First Guide Meridian West
T 33 N

Between Sections 7 and 12 T 33 N

North on a true line

Variation 13° 00' East

7 50 Branch 10 links wide, Course SE

40 00 Set a Sand Stone 20 in. long 12 in. wide and 3 in. thick for a quarter Section corner

49 70 Drain, Course West

80 00 Set a Sand Stone 19 in. long 17 in. wide and 2 in. thick for a corner to Sections 1. 6. 7 and 12

Land hilly prairie
Soil 2d rate

First Guide Meridian West
T33 N

Between Sections 1 and 6 T33 N

North on a true line

Variation 13°00' East

3 70 Indian Trail bearing N80°W and S80°E

33 80 Indian Trail leading from the Poncas Village to Fort Randall on the summit of a ridge dividing the Waters of Missouri River from those of Poncas Creek, bearing NW and SE

39 70 Drain, Course NE

40 00 Set a Sand Stone 20 in. long 13 in. wide and 2 in. thick for a quarter Section corner

56 50 Summit of a ridge bearing E. and W.

69 40 Ravine 100 links wide, 10 feet deep, Course East

80 00 Set a Sand Stone 26 in. long 13 in. wide and 4 in. thick in a Mound of Stones as per instructions for a corner to Townships 33 and 34 North, Ranges 8 and 9 West

Land hilly prairie
Soil 2d rate

First Guide Meridian West
T34 N.

Between Sections 31 and 36 T34 N

North on a true line

Variation 13°00' East

4 00 Top of the Bluffs of Missouri River estimated at 350 feet high above the surface of the water, bearing East and West

40 00 Set a Post with a charred stake as per instructions for a quarter Section corner from which
An Elm 14 in. dia. bears N36°W 43 links dist
A Hackberry 10 in. dia. bears S33°E 105 links dist

40 60 Ravine 200 links wide, 80 feet deep, Course NW

52 70 Intersected the right Bank of Missouri River bearing N70°W and S70°E, and set a Post with a charred stake trench and elevation as per instructions for a Meander Corner to Fractional Sections 31 and 36 T 34 N. Ranges 8 and 9 West, the same being also to mark the termination of the "First Guide Meridian West" from which corner a
A Red Cedar 10 in dia. bears N88°W 253 links dist.
No other tree convenient to mark
The river bank at this point about 150 feet high and nearly perpendicular – The breadth of the stream estimated

First Guide Meridian West
T 34 N

at one mile

Land hilly and broken – chiefly prairie
Soil 3d. rate
Burr Oak, Cedar, Elm and Hackberry trees
skirting the ravine and river bank

Compared the measuring chains
with the standard and found them correct
August 20th. 1858

General Description.

Adjacent to the Base Line and between it and the Republican Fork of Kansas river the country is well adapted to cultivation, and has Timber, water and Lime Stone sufficient to make considerable improvement. The valley of the stream above named is broad and productive, and the river itself is well wooded. Between it and Little Blue river the country is high and rolling the soil averaging from 1st

to 2d quality, but water, timber and stone are rather scarce. The valley of the Little Blue is tolerably fertile and well timbered, and adapted to farming or grazing. Several springs of excellent water were found in the vicinity of this river. From the Little Blue North to the valley of the Platte there is one vast elevated table of prairie land of ordinary productive capacity, but destitute of stone, timber and water, and con= =sequently offering but little inducement to invite the settler. In approaching the Platte the lands are in quality much the same as those between it and the Little Blue except that they become more rolling and slope gently to the river bank which is low, sandy and generally destitute of timber. The river itself is not navigable although in many places from 5 to 7 feet of water can be had in the channel – that is when the waters are concentrated into one. It might perhaps be better described by calling

it a vast sheet of water running over an immense sand bar. There are many islands in the river well wooded, and affording the means for making considerable improvement in the vicinity. Grand Island extends for a number of miles on each side of the line and has large groves of timber on it, but the prai=rie portions of it that fell under our observation are too marshy to be desirable for cultivation. On the North of the Platte for several miles the land is rather sandy but of fair quality, ~~and~~ destitute of timber. ~~until~~ After passing the 3d. Standard Parallel about 6 miles, the country be=comes hilly, sandy and almost destitute of veg=etation, until after the crossing of the ridge dividing the waters of the Loupe Fork from those of Platte river, when the country again becomes more gently rolling and of increased productive capacity as the river is approached. The Loupe is a well timbered stream, but the bottom lands are too sandy to be very desirable for cultivation. To the North of the Loupe,

First Guide Meridian West

and between it and Cedar Fork the country is well watered, fertile and hilly, broken by ravines and gullies, and veined by branches skirted with hard wood timber. This is the best unsettled portion of country over which the line passes. From the Cedar Fork north to the Elk Horn River, the lands are too poor and sandy to support any considerable population. Upon the Elk Horn there is considerable timber, and a large settlement might be formed in its valley. Between this river and the Running Water the country is again high and sandy, with but little timber until the latter stream is approached, when numerous small streams fed by springs and skirted with Burr Oak, Ash and Elm timber, make out from the hills and flow northwardly into the river. The Running Water like all the large streams crossed to the Southward of it has low sandy banks, and bottom of shifting sand, but differs from them in having a more rapid

First Guide Meridian West

current, narrower valley, more timber and the adjacent uplands more hilly and broken. Between the Running Water and the Missouri the country is too hilly and broken to be desirable for agricultural purposes.

A large settlement was found about two miles west of the meridian in T 11 N, and several settlers were commencing improvements in the valley of the Running Water.

First Guide Meridian West
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 Survey of the "First Guide Meridian West" with the off-sets on the Standard Parallels, from the base Line North to the Missouri River, showing the respective capacities in which they acted:

Edwin R Capron	Fore-Chainmen
Peter V Van Norstran	Fore-Chainmen
Samuel Saunders	Rear-Chainmen
Joseph A Smith	Rear-Chainmen
William V Custard	Fore-Flagman
Daniel C Mc Carthy	Rear-Flagman
Henry E Kingsbury	Axeman

First Guide Meridian West

We hereby certify that we assisted Charles A Manners, deputy Surveyor, in Surveying the "First Guide Meridian West" (with the Off-Sets on the Standard Parallels) between Ranges 8 and 9 West of the 6th Principal Meridian, from the Base Line North to the Missouri River; and that said Guide Meridian line, and the Off-Sets thereon, have been in all respects to the best of our knowledge and belief, well and faithfully surveyed and the Boundary Monuments planted according to the in=structions furnished by the Surveyor General

Edwin R. Capron } Fore-chainmen
Peter V. Van Norsbeen }
Joseph A. Smith } Rear-chainmen
Samuel Saunders }
William V Custard Fore-Flagman
Daniel C. McCarthy Rear-Flagman
Henry E. Kingsbury Axeman

Subscribed and sworn to by the above named persons, before me, Probate Judge for Cedar County Nebraska Territory this 21st day of September 1858

E. W. Meech Probate Judge

First Guide Meridian West

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 Second day of July 1858, 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 "First Guide Meridian West" (including the required off-Sets on the several standard Parallels) between Ranges 8 and 9 West, North to the Missouri River from its initial point on the Base Line, in the Territory of Nebras=ka 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, Probate Judge of Cedar County Nebraska Territory this 21st day of September 1858

E. W. Meech Probate Judge

230

Surveyor General's Office
Nebraska City, N. T.
Oct 26th 1858.

The field notes of the Survey of the "First Guide Meridian West" between Ranges Eight and Nine West, from the Base Line, North to the Missouri River, including the Off-sets upon the First, Second, Third, Fourth, Fifth, Sixth, Seventh and Eighth Standard Parallels, executed by Charles A. Mannus, Deputy Surveyor, under his Contract of the Second day of July 1858, in the Months of July and August of said year, having been critically examined, the necessary corrections and explanations made, the said field Notes, and the Surveys they describe, are hereby approved.

Wadd. B. Barnett
Surveyor General.

General Land Office • Original Field Notes

Book Number

201

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.