General Land Office • Original Field Notes

Book Number

203

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.

3
G.M.W.
North

91.

Field Notes

—of—

The survey of the 3rd Guide Meridian West from the Base Line to the 2nd Standard Parallel North, surveyed by Oliver F. Short, Deputy Surveyor, under joint contract No 303. dated July 30th 1864. wherein Oliver F. Short and Robert Mc Gregor are joint contractors

Survey

Commenced June 8th 1865

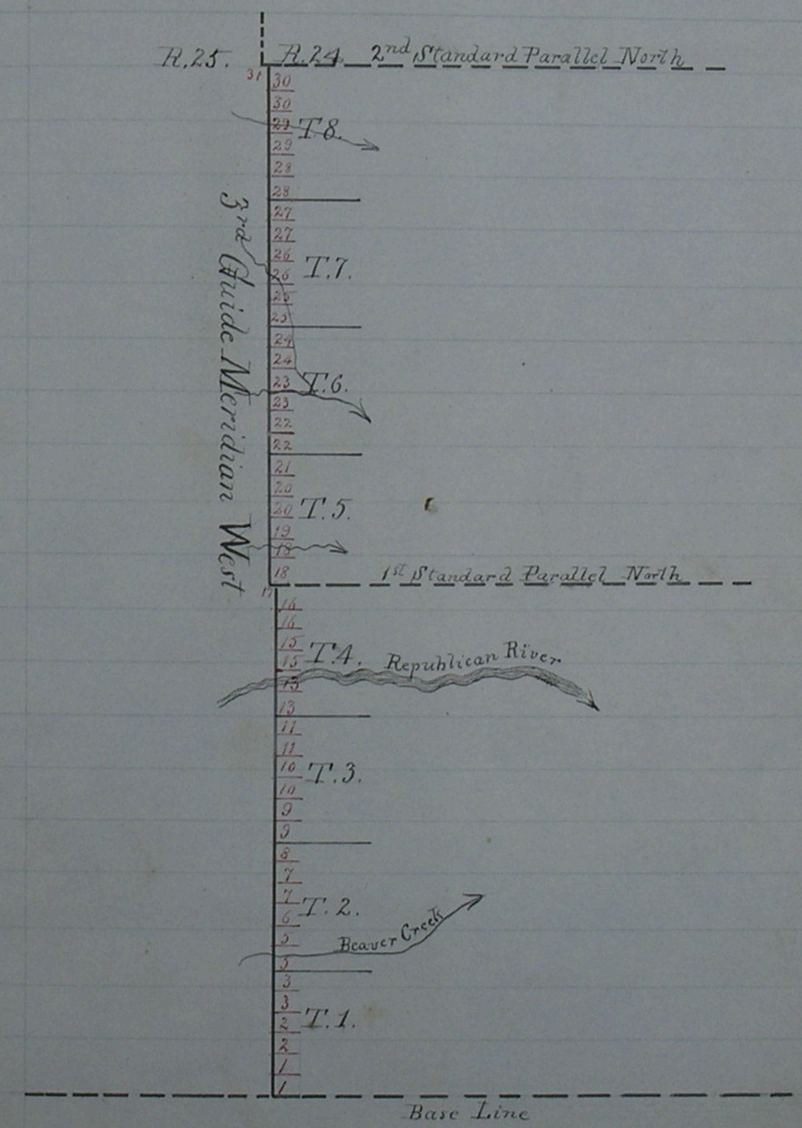
Completed June 12th 1865

Plotted L.P.F.

Names and Duties of assistants

James H. McGranahan, Chainman
Strother Ringlesby, Chainman
Thomas Mounts, Chainman
Charles Mansfield, Chainman
John Robinson, Axman
Nehemiah P. Clifford, Axman
James Hare, Flagman

INDEX



We James H McGranahan, Strather Kinglesby, Charles Mansfield & Thomas Mounts do solemnly swear that we will execute the duties of Chain Carriers, that we will level the chain upon uneven ground and plumb the tally pins whether by sticking or dropping the same, that we will report the true distance to all notable objects and the true length of all lines we assist in measuring to the best of our skill and ability

James H McGranahan
Strather Kinglesby
Charles Mansfield
Thomas Mounts

"Subscribed and sworn to by the above named persons before me a Justice of the Peace for the County of Leavenworth in the State of Kansas This fifth day of May 1865

Wm M. Thompson J.P.

We Nehemiah P. Clifford, John Robinson & James White

do solemnly swear that we will well and truly perform the duties of Cornerman or Axman according to instructions given us to the best of our skill & ability

Nehemiah P. Clifford.
John Robinson,
James White

Subscribed and sworn to by the above named persons before me a Justice of the Peace for the Co of Leavenworth in the State of Kansas this 5th day of May 1865

Wm M. Thompson J.P.

I James Hare do solemnly swear that I will well and truly perform the duties of Flagman according to instructions given me to the best of my skill & ability. James Hare

Subscribed and sworn to by the above named person before me a Justice of the Peace for the County of Leavenworth in the State of Kansas this Fifth day of May 1865

Wm M. Thompson J.P.

Between Ranges 24 and 25 W. 5. 1. N

Chains	
	To begin the survey of the 3d Guide Meridian West. I commence at the established Cor to Townships 1 North, Ranges 24 and 25 West. which is a stone with dimensions and witness stone ten feet dist diagonally corresponding with the description furnished me by the office and run —
	North between Secs 31 and 36
	Va. by Burts improved Solar Compass 14° 45' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for Cor to Secs 30, 31, 25 and 36
	Surface rolling — Soil 2nd rate
	North between Secs 25 and 30
	Va 14° 45' E
40.00	Set post deposited marked stone and raised

Between Ranges 24 and 25 W. T. 1 N

Chains	
	mound of earth with pits as per instructions for ¼ Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 24, 25, 19 and 30
	Surface rolling — Soil 2nd rate

North between Secs 19 and 24

Va 15° E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for ¼ Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 13, 24, 18 and 19
	Surface rolling — Soil 1st rate

North between Secs 13 and 18

Va 14° 45' E

40.00	Set post deposited marked stone and raised

Between Ranges 24 and 25 W. T. 1 N

Chains	
	mound of earth with pits as per instructions for ¼ Sec Cor
56.00	A Ravine bears N. W.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 12, 13, 7 and 18
	Surface rolling — Soil 2nd rate

North between Secs 7 and 12

Va 14° 30' E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for ¼ Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 6, 7, 1 and 12
	Surface rolling — Soil 2nd rate

North between Secs 1 and 6

Va 14° 30' E

Between Ranges 24 and 25 W. T. 1 N

Chains	
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Townships 1 and 2 N. of Ranges 24 and 25 West Surface rolling — Soil 2nd rate

Between Ranges 24 and 25 W. T. 2 N

Chains	
	North between Secs 31 and 36 Va 14° 40' E
34.00	A Ravine bears N. E.
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
53.50	Beaver Creek, 30 lks wide, running water runs E, water about 18 inches deep, banks skirted with timber
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 30, 31, 25 and 36 Surface rolling — Soil 1st rate Timber Boxelder, Ash, Elm and Cottonwood June 8th 1865.

North between Secs 25 and 30 Va 14° 45' E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instruction

Between Ranges 24 and 25 W. S. 2 N.

Chains	
	for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 19, 30, 24 and 25
	Surface North half mile rolling — South half mile level — Soil 1st rate

North between Secs 19 and 24

Va 14° 45' E

31.00	A Ravine course S. E.
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
65.50	Same Ravine, course S. W.
69.50	Same Ravine, course S. E.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 18, 19, 13 and 24
	Surface rolling — Soil 1st rate

Between Ranges 24 and 25 W. S. 2 N.

Chains	
	North between Secs 13 and 18
	Va 14° 45' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	A Ravine course S. E. {The true point for Cor coming on bank of Ravine. and liable to washaway } Set post deposited marked stone and raised mound of earth with pits as per instructions 20 lks South of true point, for Witness Cor to Secs 7, 18, 12 and 13
	Surface rolling — Soil 1st rate

North between Secs 7 and 12

Va 14° 30' E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised

Between Ranges 24 and 25 W. T. 2. N.

Chains	
	mound of earth with pits as per instructions for Cor to Secs 6, 7, 1 and 12
	Surface rolling — Soil 1st rate
	North between Secs 1 and 6
	Va 14° 30' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
41.00	At Ravine, course S. E.
80.00	On high ridge bearing E. and W. Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Townships 2 and 3 N. Ranges 24 and 25 W.
	Surface rolling — Soil 2nd rate

Between Ranges 24 and 25 W. T. 3. N.

Chains	
	North between Secs 31 and 36
	Va 14° 45' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 30, 31, 25 and 36
	Surface rolling — Soil 1st rate
	North between Secs 25 and 30
	Va 14° 45' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 24, 25, 19 and 30
	Surface rolling — Soil 1st rate

Between Ranges 24 and 25 W. S. 3 N

Chains	North between Secs 19 and 24 (Va 14° 45' E
20.50	A Ravine, course N.E.
26.00	Same Ravine. Course N.W.
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 18, 19, 13, and 24
	Surface broken — Soil 2nd rate

	North between Secs 13 and 18 (Va 14° 30' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 7, 18, 12 and 13,

Between Ranges 24 and 25 W. S. 3 N

Chains	Surface rolling — Soil 2nd rate
	North between Secs 7 and 12 (Va 14° E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 6, 7, 1 and 12
	Surface rolling — Soil 3d rate

	North between Secs 1 and 6 (Va 13° 45' E
5.00	A Ravine Course N.E.
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
54.50	A Ravine Course N.W.
80.00	Set post deposited marked stone and raised

Between Ranges 24 and 25 W. S. 3 N

mound of earth with pits as per instructions
for Cor to Townships 3 and 4 North
of Ranges 24 and 25 West
Surface broken — Soil 3d rate

Between Ranges 24 and 25 W. S. 4 N

Chains	
	North between Secs 31 and 36
	Va 13° 45' E
5.00	Enter dry valley land bears E and W
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
47.50	A Ravine Course N. E.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 30, 31, 25 and 36
	Surface level bottom — Soil 1st rate
	North between Secs 25 and 30
	Va 13° 50' E
33.00	Enter Timber, bears E and W
40.00	Set post deposited charred stake for 1/4 Sec Cor from which
	A Cottonwood 20 in. dia bears N. 13° 30' E. 51 lks dist
	A Cottonwood 15 in dia bears N. 14° 45' W 77 lks dist
43.00	To the right bank of Republican River bears

Between Ranges 24 and 25 W. T. 4 N.

Chains	
	N 76° E — Set post deposited charred stake for Cor to Fractional Secs 25 and 30 from which
	A Cottonwood 12 in. dia. bears S. 69° 30' E 40 lks dist.
	A Cottonwood 15 in. dia. bears S 52° 45' W 215 lks dist.
	The water in river being not more than 12 in deep I chain directly across
52.00	Left bank of river. Set post deposited charred stake for Cor to Fractional Secs 25 and 30 from which
	A Cottonwood 6 in. dia. bears N. 8° 45' E 88 lks dist.
	A Cottonwood 7 in. dia. bears N. 27° W. 90 lks dist
56.00	Leave Timber and enter prairie bears E. and W.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for Cor to Secs 19. 30. 24 and 25
	Surface level — Soil 1st rate
	Timber. Cottonwood. Ash. & Box Elder
	Bottom of the River is sand, the banks about 4 ft high. do not think it overflows

Between Ranges 24 and 25 W. T. 4 N

Chains	
	North between Secs 19 and 24
	Va 14° 00' E
36.00	A dry Creek 25 lks wide runs S. E.
	Skirted with scattering timber
40.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for 1/4 Sec Cor
	Leave valley bears E. and W.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for Cor to Secs 18. 19. 13 and 24
	Surface level — Soil 1st rate. Timber on Creek Ash

North between Secs 13 and 18

Va 14° 30' E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instruction for Cor to Secs 7. 18. 12 and 13

Between Ranges 24 and 25 W. T. 4. N.

Chains Surface rolling — Soil 1st rate

North between Secs 1 and 12

Va 14° 30' E

40.00 Set post deposited marked stone and raised mound of earth with pits as per instruction for 1/4 Sec Cor

80.00 In a Ravine bears N. W. Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs. 1, 12, 6 and 7

Surface rolling — Soil 1st rate

North between Secs 1 and 6

Va 14° 30' E

19.00 A Ravine bears N. E.

40.00 Set post deposited marked stone and raised mound of earth with pits as per instruction for 1/4 Sec Cor

80.00 Set post deposited marked stone and raised

South Boundary of Township 5. N. R. 24. W. 6th P.M.

Chains mound of earth with pits as per instruction for Closing Cor to Townships 4 North of Ranges 24 and 25 West of the 6th P.M. and Secs 1 and 6 at the intersection with 1st Standard Parallel N

Surface rolling — Soil 1st rate

Offset of Convergency on 1st Standard Parallel N.

In pursuance of amended instruction dated May 30th 1865 for surveying the 3rd Guide Meridian I run West along the 1st Standard Parallel N and South boundary of Sec 31.

Va 14° 30' E

58.71 Set post deposited marked stone and raised mound of earth with pits as per instruction for Standard Cor to Township 5 North of Ranges 24 and 25 West and Secs 31 and 36

Between Ranges 24 and 25 W. T. 5 N

Chains From the established Standard Cor on the 1st Standard Parallel N. the Cor to Townships 5 N. of Ranges 24 and 25 West 2nd Secs 31 & 36. I run

North between Secs 31 and 36
Va 14° 30' E

40.00 Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor

80.00 Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 30, 31, 25, and 36
Surface rolling — Soil 1st rate

North between Secs 25 and 30
Va 14° 30' E

19.00 A Ravine course N.E. on which East of line is a fine Limestone Quarry

40.00 Set post deposited marked stone and raised mound of earth with pits as per instructions

Between Ranges 24 and 25 W. T. 5 N

Chains for 1/4 Sec Cor

78.00 Enter Timber, bears E. and W.

79.50 Stumbling Water Creek, 30 lks wide, running water 2 ft deep, runs E.

80.00 Set post, deposited charred stick for Cor to Secs 19, 30, 24 and 25 from which
An Ash 16 in. dia. bears N. 70° 30' W. 45 lks dist.
A Cottonwood 20 in. dia bears S. 13° 30' W. 20 lks dist.
An Ash 6 in. dia. bears S. 50° E 15 lks dist.
An Elm 36 in. dia. bears N. 20° E 85 lks dist
Surface broken — Soil 3d rate
Timber Ash, Box Elder, Elm and Cottonwood
June 9th 1865

North between Secs 19 and 24
Va 14° 45' E

5.00 Leave Timber and enter prairie bears E. and W.

35.00 A Ravine, Course S. E.

40.00 Set post deposited marked stone and raised mound of earth with pits as per instructions

Between Ranges 24 and 25 W. B. 5 M

Chains	
	for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 18, 19, 13 and 24
	Surface rolling — Soil 1st rate
	Timber, Ash, Elm, Box Elder and Cottonwood

North between Secs 13 and 18

Va 15° E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 7, 18, 12 and 13
	Surface rolling — Soil 1st rate

North between Secs 7 and 12

Va 15° 00' E

40.00	Set post deposited marked stone and raised

Between Ranges 24 and 25 W. B. 5 M

Chains	
	mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 1, 12, 6 and 7
	Surface rolling — Soil 1st rate

North between Secs 1 and 6

Va 15° 00' E

40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth for Cor to Townships 5 and 6 N. of Ranges 24 and 25 W
	Surface rolling — Soil 1st rate

Between Ranges 24 and 25 W. T. 6 N

Chains	
	North between Secs 31 and 36
	Va 15° 15' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	In head of Ravine bearing N. E set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 25, 36, 30 and 31. Surface rolling — Soil 2nd rate
	North between Secs 25 and 30
	Va 15° 15' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 19, 30, 24 and 25 Surface very broken — Soil 3d rate

Between Ranges 24 and 25 W. T. 6 N

Chains	
	North between Secs 19 and 24
	Va 15° 15' E
38.50	A Rocky Ravine. Dirty Limestone Course N.E
40.00	Set Limestone 16 x 14 x 3 for 1/4 Sec Cor
79.06	A Cottonwood 30 in. dia.
79.50	A Creek 20 lks wide, course E. running water. sandy bed Skirted with Timber
80.00	This point coming on bank of creek where it is liable soon to wash away I Set a Limestone 20 x 12 x 6 on line 30 lks North for Witness Cor — also marked the Cottonwood on line for Witness Cor thus — T. 6. W. C. C. gt. N Surface broken — Soil 3d rate Rock along creek. Timber, Ash, Elm, and Cottonwood
	North between Secs 13 and 18
	Va 15° 15' E

Between Ranges 24 and 25 W. S. 6 N

Chains	
40.00	Set Limestone 12 x 10 x 5 for 1/4 Sec Cor
80.00	Set Limestone 15 x 8 x 6 for Cor to Secs 7, 18, 12 and 13
	Surface rolling — Soil 3d rate

North between Secs 7 and 12
Va 15° 00' E

40.00	Set Limestone 14 x 12 x 4 for 1/4 Sec Cor
43.00	A Ravine, course E.
80.00	Set Limestone, 16 x 10 x 5 for Cor to Secs 6, 7, 1 and 12
	Surface rolling — Soil 2nd rate

North between Secs 1 and 6
Va 15° 00' E

40.00	Set Limestone 18 x 12 x 3 for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Townships 6 and 7 N. of Ranges 24 and 25 W.
	Surface rolling — Soil 1st rate

Between Ranges 24 and 25 W. S. 7 N

North between Secs 31 and 36
Va 15° 00' E

Chains	
40.00	Set Limestone 16 x 12 x 4 for 1/4 Sec Cor In head of Ravine, course E.
80.00	Set Limestone 24 x 12 x 4 for Cor to Secs 30, 31, 25 and 36
	Surface broken — Soil 3d rate

North between Secs 25 and 30
Va 15° 00' E

40.00	Set Limestone 16 x 8 x 4 for 1/4 Sec Cor
57.50	A Ravine, Course N. E.
80.00	A Ravine, bears E. The Cor coming in Ravine. I Set post deposited marked stone and raised mound of earth with pits as per instructions 50 lks South of true point for witness Cor to Secs 19, 30, 24 and 25
	Surface broken — Soil 3d rate

Between Ranges 24 and 25 W. T. 7 N.

Chains	North between Secs 19 and 24
	Va 15° 00' E
25.00	Enter Timber, bears S.E. and N.W.
27.00	A Ravine, course E.
40.00	Set post deposited charred stake for 1/4 Sec Cor from which
	A Cottonwood 36 in. dia. bears N. 24° 30' E 20 lks dist
	A Cottonwood 30 in dia. bears S. 47° E 40 lks dist.
45.00	A Creek, dry, 15 lks wide, runs S.E
48.20	Enter same Creek runs S.W. from N.
57.00	Leave Creek runs S. from N.W. also Leave Timber and enter prairie bears N.W. & S.E.
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 18, 19, 13 and 24
	Surface broken — Soil 3d rate
	Timber Elm, Cottonwood, Ash and Box Elder
	June 10th 1865

North between Secs 13 and 18

Between Ranges 24 and 25 W. T. 7 N

Chains	
	Va 15° 15' E
40.00	Set Limestone 14 x 12 x 6 for 1/4 Sec Cor
80.00	Set Limestone 18 x 12 x 6 for Cor to Secs 12, 13, 7 and 18
	Surface rolling — Soil 2nd rate

North between Secs 7 and 12

	Va 15° 15' E
40.00	Set Limestone 12 x 10 x 6 for 1/4 Sec Cor
80.00	Set Limestone 16 x 12 x 6 for Cor to Secs 1, 12 6 and 7
	Surface rolling — Soil 1st rate
	The line on this mile is on a Ridge, bears N. and S

North between Secs 1 and 6

	Va 15° 15' E
40.00	Set Limestone 16 x 10 x 5 for 1/4 Sec Cor
56.00	A Ravine, course S.W.
80.00	Set Limestone 20 x 10 x 6, and placed around it a monument of stone for Cor to Townships

Between Ranges 24 and 25 W. T. 8. N

Chains 7 and 8 North of Range 24 and 25 West
Surface broken — Soil 3d rate

North between Secs 31 and 36
Va 15° 30' E

40.00 Set Limestone 12x12x6 for 1/4 Sec Cor
80.00 Set Limestone 16x12x6 for Cor to Sections 30, 31, 25 and 36
Surface broken — Soil 3d rate

North between Secs 25 and 30
Va 15° 30' E

40.00 Set Limestone 20x7x7 for 1/4 Sec Cor
62.50 A Ravine, course W.
80.00 Set Limestone 12x10x6 for Cor to Secs 24, 25, 19
Surface very broken — Soil 3d rate
Line across abrupt Bluffs, the gulches make into a Ravine on the west

Between Ranges 24 and 25 W. T. 8 N

Chains North between Secs 19 and 24
Va 15° 30' E

40.00 Large Ravine course S. W. in which
Set Limestone 12x12x5 for 1/4 Sec Cor
80.00 Set Limestone 18x12x6 for Cor to Secs 18, 19, 13 & 24
on high Ridge, bears E and W which divides the waters of the Platte and Republican Rivers
Surface very broken — Soil 3d rate

North between Secs 13 and 18
Va 15° 30' E

13.50 Plum Creek, dry, 15 lks wide runs East
Scattering Timber on each bank
40.00 Set Limestone 12x10x5 for 1/4 Sec Cor
74.00 A Ravine, course S.E.
80.00 Set Limestone 15x12x5 for Cor to Secs 7, 18, 12 & 13
Surface rolling — Soil 1st rate
Timber along course Ash, Box Elder Elm and Cottonwood

Between Ranges 24 and 25 W. T. 8. N

Chains	
	North between Secs 7 and 12
	Va 15° 15' E
40.00	Set post, deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for Cor to Secs 1, 12, 6 and 7
	Surface rolling — Soil 1st rate
	North between Secs 1 and 6
	Va 15° 00' E
40.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for 1/4 Sec Cor
80.00	Set post deposited marked stone and raised mound of earth with pits as per instructions for C. Cor to Township 8 North of Ranges 24 and 25 West
	Surface rolling — Soil 2nd rate

South Boundary of Township 9 N. R. 24 W. 6th P.M

Chains	
	Offset of Convergency on 2nd Standard Parallel North.
	From the Closing Cor to Township 8 North Ranges 24 and 25 W. at the intersection of the 3d Guide Meridian with the 2nd Standard Parallel North I run in pursuance of amended instructions dated May 30th 1865 West along the 2nd Standard Parallel N. and South boundary of Sec 31.
	Va 15° 00' E
59.46	Set post deposited marked stone and raised mound of earth with pits as per instructions for Standard Cor to Township 9 North of Ranges 24 and 25 West and Secs 31 and 36

June 12th 1865

General Description

The Cor to Township 1 North of Range 24 and 25 West is in valley of a Creek which runs East just South of Cor. The line across Township 1 is rolling prairie, the Southern part inclining South and the Northern part inclining North. Some Rock may be found near the South The Soil is good

Townships 2 and 3 North are mostly high and dry prairie. Beaver Creek runs near the South boundary of Township 2, it is bordered with Timber. Box Elder and Ash of a poor growth, the water is pure and cool — The Soil is mostly first-rate —

Through Township 4 North runs the Republican River along which is a fine body of valley land, 1st rate Soil — The water in River is not over 12 inches deep most of the bed not covered. The banks are skirted with Cottonwood Timber — The Creek running through Township 5

is skirted with Timber, it has in Ravines coming into Creek, abundance of Rock. The surface near Creek, broken. Soil 1st and 2nd rate.

The Surface of Townships 6 and 7 North inclines to the ~~inclines to the~~ South, but made rough or broken, generally by Ravines with steep or abrupt banks. There is running water in Creek in Township 6.

That part of Township 8 lying South of Plum Creek is very broken, North of Plum Creek the surface is rolling – Soil good there is no water in Plum Creek some scattering Timber on banks small and scrubby, Ash, Box Elder, Elm and Cottonwood

List of Names

A list of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field notes of the 3d Guide Meridian West of the 6th principal Meridian, from the Base line to the 2nd Standard Parallel North, showing the respective capacities in which they acted –

James H. McGranahan,	Chainman
Strother Ringlesby,	Chainman
Thomas Mounts,	Chainman
Charles Mansfield,	Chainman
John Robinson,	Axman
Nehemiah P. Clifford,	Axman
James Hare,	Flagman

We hereby certify that we assisted Oliver F. Short, deputy surveyor, in surveying the Third Guide Meridian West of the Sixth Principal Meridian from the Base line to the Second Standard parallel north, and that said Meridian has been in all respects to the best of our Knowledg and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General James H. McGranahan Chainman

Strother B Kingsbury Chainman

Charles Mansfield Chainman

Thomas Maunts Chainman

Nehemiah Clifford Axeman

John Robinson Axman

James Hare Flagman

...nally subscribed &
...m to before me at
... City of Leavenworth Kansas
... 14th day of Sept A.D. 1845
B. Gray Notary Public

...ners
...d and
...with

J. Oliver F. Short, Deputy Surveyor, do solemnly swear that, in pursuance of a Joint Contract, wherein Oliver F. Short and Robert M. McGregor are joint Contractors with Daniel W. Wilder former Surveyor General for Kansas and Nebraska bearing date the 30th day of July 1864, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual, and the Laws of the United States, surveyed all the Third Guide Meridian West in the Territory of Nebraska, from the Baseline to the Second Standard parallel North as represented in the foregoing field notes as having been surveyed under my direction, and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the

Surveying Manual and printed instructions, and that the foregoing are the true and original field notes of such Survey.

Oliver F. Short
Deputy Surveyor

Subscribed and sworn to before me this 29th day of June A.D. 1865.

Jno. W. Hugg
Notary Public
Leavenworth Co
Neb

Surveyor Generals Office
Leavenworth Kansas September 30th 1865

The foregoing field notes of the survey of the third Guide Meridian West from the Base line to the second Standard Parallel North, executed by Oliver F. Short under joint contract No 303. of the 30th day of July 1864, wherein Oliver F. Short and Robert McGregor are joint contractors — having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved —

H. D. Sleeper
Surveyor General

Field Notes

of the

3rd Guide Meridian West of the 6th Principal Meridian, from the 2nd to the 3rd Standard Parallel North.

And the

3rd Standard Parallel North, from the 2nd to the 3rd Guide Meridian West. Surveyed by J. B. Park Deputy Surveyor under joint contract No 1 dated July 2nd 1867 wherein Park and Campbell are joint contractors

Commenced Sept 11th 1867
Completed Sept. 12th 28nd 1867

Parallel Completed - Sept 23 1867

Survey commenced
Completed October

T.S.

Notes A.S.P.

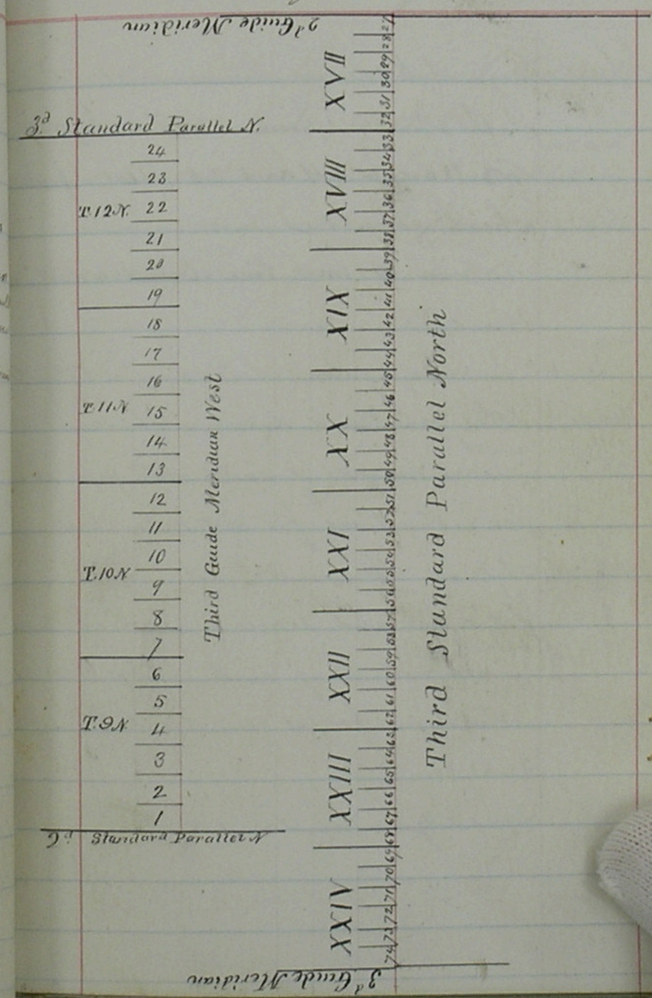
third Guide
from the third
North to the
Parallel North.
Standard Parallel
Second Guide
the third Guide
all North of
ne West of
al Meridian
Nebraska,
B. Park deputy
his contract
ated the 16th
A.D. 1868

er 19th 1868
1868

Names of Assistants

Leavitt Dunham	Chainman
Robert C Schaeffer	Chainman
Charles Van Alstyne	Chainman
Frances M Cairns	Chainman
E W Bonman	Axeman (Must be)
F A Weldon	Axeman
Gilbert Wilson	Flagman
Charles Crawford	Flagman

Index Diagram



Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North.
tandard Parallel
Second Guide
to the third Guide
all North of
ne West of
al Meridian
Nebraska.
Park deputy
contract
the 16th
48

Survey commenced
Completed October 2

T.S.

3rd Guide Meridian West of 6th Prin. Mer.

Chains	Begin at the Second Standard Parallel North at the Standard corner to Townships 9 North Ranges 24 and 25 West, from which corner I run North on a true line between Sections 31 and 36
	Va. by Burts Solar Compass 13°15'
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec, Cor.
48.00	A Drain Course East.
80.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 2[illegible] 30, 31, 36
	Land hilly Prairie, Soil 2nd rate

Between Townships 9 North, Ranges 24 and 25 West

Chains	North on a true line between Sections 25 & 30
	Va. 13°12' E
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec, Cor.
44.00	Ravine Course N.W.
80.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30.
	Land hilly Prairie Soil 2nd rate.

Survey Commen[illegible] 19th 1868
Completed October [illegible]

T.S.

Notes 4.S.P.

third Guide
from the third
North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
and West of
al Meridian
Nebraska,
B. Park deputy
his contract
dated the 16th
A 1868

3rd Guide Meridian West of 6th of Prin. Mer Between Townships 9 North, Between Ranges 24 and 25 West

Chains	North on a true line between Sections 19 & 24 Va. 13° 12' E
40,00	Set a post and drove a charred Stake ~~in~~ raised a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80,00	Set a post and drove a charred Stake ~~in~~ raised a mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24. Land hilly Prairie, Soil 2nd rate

Chains	North on a true line between Sections 13 & 18 Va. 13° 12' E
12,00	Canon Course S.W.
17,00	Summit of a ridge bearing N.W. & S.E.
40,00	Set a post and drove a charred Stake ~~in~~ raised a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80,00	Set a post and drove a charred Stake ~~in~~ raised a mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18. Land hilly and very broken, Soil 2nd rate

Parvey Comm... ...er 19th 1868
Completed Octo... ...68

T.S.

...Notes 4.S.P.

...third Guide
...from the third
...l North to the
...Parallel North,
...tandard Parallel
...Second Guide
...to the third Guide
...all North of
...nd West of
...al Meridian
...Nebraska,
...B. Park deputy
...his contract
...ated the 16th
...AD 1868

3rd Guide Meridian West of 6th Prin. Mer.

Chains	
	North on a true line between Sections 7 and 12.
	Va. 13° 14' E.
10,00	Canon Course S.E.
40,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
48,00	Summit of a ridge bearing N.E. & S.W.
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 1, 6, 7, 12.
	Land hilly and broken. Soil 2nd rate

Between Townships 9 North, Ranges 24 and 25 West

Chains	
	North on a true line between Sections 1 and 6
	Va 13° 15' E.
40,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
42,00	Wagon road in bottom of Canon Course East and West
50,00	Summit of ridge bearing East and West.
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Townships 9 and 10 North Ranges 24 and 25 West, being also the corner to Sections 1, 6, 31, 36
	Land hilly and broken Soil 2nd rate

Survey Commen... ...ath 1868
Completed October

T.S.

...Notes 4.S.P.

...third Guide
...from the third
...l North to the
...Parallel North,
...tandard Parallel
...Second Guide
...to the third Guide
...all North of
...nd West of
...al Meridian
...Nebraska,
...B. Park deputy
...his contract
...ated the 16th
...1868

3rd Guide Meridian West of 6th Prin. Mer.

Chains	
	North on a true line between Sections 31 and 36.
	Var. 13° 12' E
14.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
8.00	A Train Course N.E.
8.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 25, 30, 31, 36.
	Land hilly and broken. Soil 2nd rate

Between Townships 19 North, Ranges 24 and 25 West.

Chains	
	North on a true line between Sections 25 and 30.
	Var. 13° 15' E
22.00	Canon Course East
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
60.00	Canon Course N.E.
80.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30.
	Land hilly and broken Prairie. Soil 2nd rate

Survey commenced
Completed October

T.S.

Notes 4.S.P.

third Guide
from the third
North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
and West of
al Meridian
Nebraska,
B. Park deputy
his contract
dated the
1868

3rd Guide Meridian West of 6th Prin Mer

Chains	
	North on a true line between Sections 19 and 24.
	On 13th 15th Ec
24,00	Foot of hills bearing East and West
44,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec Cor,
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24
	Land 1st 20 chains hilly and Soil 2nd balance level Prairie Soil 1st rate

Between

Between Townships 10 North Ranges 24 & 25 W.

Chains	
	North on a true line between Sections 13 and 18.
	On 13th 15th Ec
44,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec Cor,
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18.
	Land level Prairie Soil 1st rate
	Tested and corrected measuring chains by the Standard Sept 11th 1867

Notes 4.S.P.

third Guide
from the third
North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
and West of
al Meridian
Nebraska.
B. Park deputy
his contract
dated the 1
18 1868

Survey commenced
Completed October

T.S.

11/56

3rd Guide Meridian West of 6th Prin. Mer.

Chains	North on a true line between Sections 7 and 12.
	Va. 13° 15' E
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80.00	Set a post and drove a charred Stake raised in mound of earth with pits as per instructions for a corner to Sections 1, 6, 7, 12
	Land level Prairie. Soil 1st rate

57/12

Between Townships 10 North Ranges 24 and 25 W.

Chains	North on a true line between Sections 1 and 6
	Va 13° 10' E
11.70	Old Military wagon road Course N.W. & S.E.
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
53.70	Right and South bank of Platte river runs S 45° E.
	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to fractional Sections 1 and 6.
	I now cause a flag to be set on the left bank of the river, and in the line between Sections 31 and 36 it also being the line between Townships 11 North

Survey Commen...
Completed Octobe...

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
nd West of
al Meridian
Nebraska,
B. Park depu...
his contra...
dated ...
AD 18...

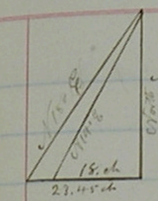
3rd Guide Meridian West of 6th Prin Mer

Ranges 24 and 25 West, and from the corner run a base West 18 chains to a point from which the flag bears N.14° E., I continue the base West to a point 23 chains 45 links West of the corner on the river bank from which the flag bears N.18° E. which gives by calculation as the mean result of the two observations for the distance across the river to the Left South bank of the River Land on the line between Sections 31 and 36

72 chains 18 links

Nat Co Tan 14° = 4,010781
18
32086248
4010781
chains 72,194058
72,17
2)144,36
72,18 chains Distance to flag

Between Townships 11 North Between Ranges 24 and 25 West



Nat Co Tan 18° = 3,077684
2345
15388420
12310736
9233052
6155368
Chains 72,171689 80

80.00 A point in Platte river, therefore the corner to Townships 10 and 11 North Ranges 24 and 25 West, the same being also the corner to Sections 1, 6, 31, 36, cannot be established

Land level Prairie Soil 1st rate

Survey Commen...
Completed October...

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
t, all North of
nd West of
pal Meridian
Nebraska,
B. Park depute
his contra
dated th
A 18

3rd Guid Meridian West of 6th Prin. Mer.

Chains	North on a true line between Sections 31 and 36
	Va 13° 10' E
40.00	Point for 1/4 Sec post in River
48.89	Left bank of Platte river runs S.E. the point for a 1/4 Sec. Cor. falling in the river it therefore cannot be established
	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to fractional Sections 31 and 36
50.00	A Stream 50 links wide runs S.E.
80.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 25, 30, 31, 36
	Land level, Soil 1st rate
	Some brush along the river bank

Between Townships 11 North Ranges 24 and 25 West

Chains	North on a true line between Sections 25 and 30.
	Va 13° 12' E
40.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
51.20	A Stream 150 links wide runs S.E.
65.45	Creek 80 links wide runs S.E.
69.70	Creek 45 links wide runs S.E.
80.00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30.
	Land level, Soil 1st rate

Survey commen...
Completed October

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
nd West of
pal Meridian
Nebraska
B. Park d...
his cont...
dated ...

3rd Guide Meridian West of 6th Princ. Mer.

Chains	North on a true line between Sections 19, 24. Va 13° 15' E
6,58	U.P. Rail road bears N60° W & S60° E
40,00	Set a post, drove charred stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
58,00	Wagon road bearing East and West.
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24. Land level, Soil 1st rate.

Between Townships 11 North, Between Ranges 24 and 25 W.

Chains	North on a true line between Sections 13 and 18 Va 13° 15' E
40,00	Set a post and drove a charred Stake in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80,00	Set a post and drove a charred Stake in a mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18. Land level, Soil 1st rate. Tested and corrected measuring chains with the Standard Sept 12th 1867

Survey Comme[illegible]
Completed October

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North.
Standard Parallel
Second Guide
to the third Guide
all North of
nd West of
pal Meridian
Nebrask
B. Park
his con
dated

3rd Guide Meridian West of 6th P.M. Between Townships 11 North, Ranges 24 & 25 W.

Chains	
	North on a true line between Sections 7, 12
	Bx. 13° 15' E
24.00	Set a post and drove a charred stake in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80.00	Set a post and drove a charred stake in a mound of earth with pits as per instructions for a corner to Sections 1, 6, 7, 12,
	Land level Prairie Soil 1st rate

Between

Chains	
	North on a true line between Sections 1 and 6,
	Bx. 13° 15' E
40.00	Set a post and drove a charred stake raised up a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80.00	Set a post and drove a charred stake raised on a mound of earth with pits as per instructions for a corner to Townships 11 and 12 North Ranges 24 and 25 West being also the corner to Sections 1, 6, 31, 36,
	Land level Prairie Soil 1st rate

Survey commenced
Completed October

T.S.

Notes A.S.P.

third Guide
from the third
l North to the
Parallel North,
tandard Parallel
Second Guide
to the third Guide
, all North of
nd West of
sal Meridian
Nebraska
B. Park de
his cont
dated
1881

3rd Guide Meridian West of 6th Prin Mer

Chains	North on a true line between Sections 31 and 36,
	Va 13° 15' E
40,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec, Cor,
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 25, 30, 31, 36 Land level Prairie Soil 1st rate

Between Townships 12 North, Ranges 24 and 25 West.

Chains	North on a true line between Sections 25 and 30,
	Va, 13° 15' E.
40,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec, Cor.
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30 Land level Prairie Soil 1st rate

Survey Comme[illegible]
Completed October [illegible]

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North,
tandard Parallel
Second Guide
to the third Guide
, all North of
nd West of
pal Meridian
Nebraska,
B. Park dep
his contr
dated
1 A 1

3rd Guide Meridian West of 6th Prin. Mer.

Chains	
	North on a true line between Sections 19, 24.
	Va 13° 15' E.
4000	Set a post and drove a charred stake in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
8000	Set a post and drove a charred stake in a mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24
	Land rolling Prairie Soil 1st rate

Between Townships 12 North, Ranges 24 & 25 W.

Chains	
	North on a true line between Sections 13 and 18.
	Va 13° 15' E.
4000	Set a post and drove a charred stake raised in a mound of earth with pits as per instructions for a 1/4 Sec. Cor.
8000	Set a post and drove a charred stake raised in a mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18
	Land rolling Prairie, Soil 1st rate

Survey commenced
Completed October

T.S.

Notes A.S.P.

third Guide
from the third
l North to the
Parallel North,
tandard Parallel
Second Guide
to the third Guide
, all North of
nd West of
sal Meridian
Nebraska,
B. Park de
his conts
dated
1881

3rd Guide Meridian West of 6th Prime Mer

Chains	North on a true line between Sections 7 and 12,
	Va 13° 20' E
40,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a 1/4 Sec, Cor,
80,00	Set a post and drove a charred Stake raised in a mound of earth with pits as per instructions for a corner to Sections 1, 6 7, 12
	Land rolling Prairie Soil 2nd rate
	Testest measuring chains and found them correct
	Sept 13th 1867

Between Townships 12 North, Ranges 24 & 25 W.

Chains	North on a true line between Sections 1 and 6
	Va, 13° 25' E
40,00	Set a post and drove a charred Stake in a mound of earth with pits as per instructions for a 1/4 Sec, Cor,
80,00	Set a post and drove a charred Stake in a mound of earth with pits as per instructions for a corner to Township 12 North Ranges 24 and 25 West at the intersection of the third Standard Parallel North being also the corner to Sections 1 and 6 on the South Side of Said Parallel.
	Land rolling Soil 2nd rate

For Notes of offset for convergency see Book of 3 Standard Parallel N. commencing at Range 13 West 6th P M

Survey Commenced
Completed October

T.S.

Notes 4.S.P.

third Guide
from the third
l North to the
Parallel North,
Standard Parallel
Second Guide
to the third Guide
all North of
nd West of
pal Meridian
Nebraska,
B. Park deputy
contract
the 16th
868

General description

The land along the first eight miles is very hilly and broken. Soil Sandy and not above 2nd rate the bottom lands along Platte river and the uplands from the river to the 3rd Standard Parallel is from 1st to 2nd rate and adapted to cultivation. Platte river is a wide shallow stream, low banks and quick sand bottom, of no practical use for navigation, or water power.

Field Notes

4.S.P.

of

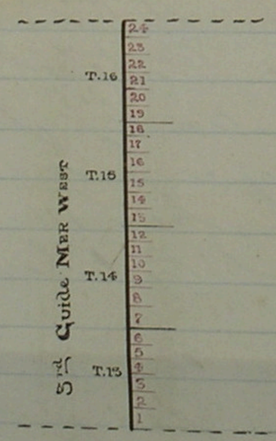
The Survey of the third Guide Meridian West, from the third Standard Parallel North to the fourth Standard Parallel North, and the fourth Standard Parallel North from the Second Guide Meridian West to the third Guide Meridian West, all North of the Base line and West of the Sixth Principal Meridian in the State of Nebraska. Executed by J. B. Park deputy Surveyor under his contract number 114 dated the 16th day of October A.D. 1868

Survey commenced October 19th 1868
Completed October 29th 1868

T.S.

List of Names
And duties of assistants
Geo. H. Thompson Chainman
Jesse S. Crist Chainman
George Nye Chainman
Robert L. McElroy Chainman
Daniel W. Chase Moundman
Frank E. Brown Moundman & Flagman

4th S.P.N.



3rd S.P.N.

Chains 3rd Guide Mer. W. T 13 N. 6th P.M.

Begin at the third Standard Parallel North at the corner to Townships 13 North, Ranges 24 and 25 West, from which corner I run North on true line between Secs. 31 and 36.

Var 18° 25' E

40 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.

69 00 Drain descends S.W.

80 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Secs. 30, 31, 25, 36.

Land gently rolling, Soil 2 mixed

Chains		3rd Guide Mer. W. T. 13 N. 6th P. M.
		Between Sect. 25 and 30 North on true line Va 18°25' E
30	00	Ravine descends N. E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
51	00	Ravine descends West
72	00	Top of round hill
74	00	Canon descends West
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec. 19, 30, 24, 25 Land hilly and broken, Soil 2nd rate

Chains		3rd Guide Mer. W. T. 13 N. 6th P. M.
		Between Sections 19 and 24 North on true line Va 13°25' E
4	00	Enter Canon 85 feet deep descends S.W.
18	00	Leave same Canon at its head
30	00	Head of Canon descends S. E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec Cor
50	00	Head of Ravine descends S. E.
75	00	Head of Canon descends S.W. and Head of Ravine descends S. E
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec. 18, 19, 13, 24 Land hilly and broken. Soil 3rd rate

Chains		3rd Guide Mer. W. T13 N. 6th P.M.
		Between Sections 13 and 18
		North on true line
		(Va) 13° 25' E
4	00	Head of Ravine descends East
11	00	Canon descends East
27	00	Canon 80 feet deep descends S.E.
35	00	Head of Canon descends South East
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
52	00	Canon 100 feet deep descends S.E.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sects. 7, 18, 12, 13
		Land hilly and broken, Soil 3rd rate

Chains		3rd Guide Mer. W. T13 N. 6th P.M.
		Between Sections 7 and 12
		North on true line
		(Va) 13° 25' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
47	50	Drain descends S.W.
72	00	Drain descends S.E.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 1, 7, 6, 12
		Land rolling Soil 2nd rate

Chains		3rd Guide Mer. West T 13 N. 6th P. M.
		Between Sections 1 and 6
		Va 18° 25' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
49	00	Drain descends S.W.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sect. 1, 6, 31, 36 also corner to Townships 13 and 14 North, Ranges 24 and 25 West.
		Land rolling, Soil 2nd rate

Chains		3rd Guide Mer. West. T 14 N. 6th P. M.
		Between Sections 31 and 36.
		North on true line
		Va 18° 20' E
5	00	Head of Canon descends S.W.
20	00	Head of large Ravine descends N.W.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
44	00	Drain descends S.W.
61	00	Drain descends S.E.
66	00	Eastern slope of hill bears N.W. and S.E.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sect. 30, 31, 25, 36
		Land hilly and broken Soil 3rd rate

Chains		3rd Guide Mer. West. S14N. 6th P.M.
		Between Sections 25 and 30
		North on true line
		Va 18° 20' E
10	00	Leave hills enter level land bears N.W. and S.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
48	00.	Leave level land enter broken land bearing N.W. and S.E.
53	00	Top of round hill
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 19, 30, 24, 25.
		Land 38 chs level. ballance hilly & broken
		Soil 3rd rate

Chains		3rd Guide Mer. West S14N. 6th P.M.
		Between Sections 19 and 24
		North on true line
		Va 18° 20' E
2	00	Ravine descends S.E.
10	00	Ravine descends S.E.
31	00	Enter Canon descends S.E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
68	00	Leave Canon at its head descends South
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sec^s. 18, 19, 13, 24
		Land hilly and broken, Soil 3rd rate
		October 19th 1868
		Compared measureing chains with the Standard and found them correct

Chains		3rd Guide Mer. West. T14N. 6th Rdl.
		Between Sections 18 and 18
		North on true line
		Var 18° 20' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
55	00	Enter Canon descends North comes from S.W.
76	00	Leave Same Canon descends N.E.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 7, 18, 12 13
		Land hilly and broken. Soil 3rd rate

Chains		3rd Guide Mer. West T14N. 6th Rdl.
		Between Sections 7 and 12
		North on true line
		Var 18° 20' E
14	00	Ravine descends East
20	00	Ravine descends East
24	00	Summit of hill bears E. and W.
29	00	Enter Ravine descends S. E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
41	00	Leave Same Ravine at head
44	00	Eastern Slope of hill bears E and W.
59	00	Drain descends N. E.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sect. 1, 6, 7, 12
		Land hilly, Soil 3rd rate

Chains		3rd Guide Mer. West. T 14 N. 6th P. Me.
		Between Sections 1 and 6 North on true line Va 18° 20' E
14	00	Drain descends N.E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
51	00	Summit of hill bears N.W. and S.E.
60	00	Head of Canon descends S.W.
74	00	Head of Canon descends West
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 1, 6, 31, 36, also the corner to Townships 14 and 15 North, Ranges 24 and 25 West in South Side of Canon descends West. Land 1st 40 chs rolling 2nd rate ballance hilly and broken Soil 3rd rate

Chains		3rd Guide Mer. West. T 15 N. 6th P. Me.
		Between Sections 31 and 36 North on true line Va 18° 20' E
1	00	Canon descends West
10	00	Head of deep Ravine descends West
16	00	Head of deep Ravine descends West
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
43	00	Summit of hill bears N.W. and S.E.
67	00	Drain descends N.W.
73	00	Drain descends West
78	00	Enter head of Canon descends North
80	00	Set Post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 30, 31, 25, 36 in Canon descend North Land hilly and broken Soil 3rd rate

Chains		3rd Guide Mer. West T15N. 6th P.M.
		Between Sections 25 and 30 North on true line Var 18° 20' E
8	00	Leave Canon descends N.35°W.
30	00	Leave hills enter rolling land bears N.W. & E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
63	00	Drain descends N.E.
79	00	Drain descends East
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Secs. 19, 30, 24, 25 Land 3ochs hilly 2nd rate Soil ballance rolling Soil white Sand 3rd

Chains		3rd Guide Mer. West T15N. 6th P.M.
		Between Sections 19 and 24 North on true line Var 13° 20' E
22	00	Drain descends S.E.
36	00	Same drain descends S.W.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
47	00	Same drain descends S.E.
50	00	Same drain descends S.W.
54	00	Same drain descends N.E.
62	00	Drain descends East
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Secs. 13, 24, 18, 19 Land very rolling, Soil 3rd rate

Chains		3rd Guide Mer. West. T15 N. 6th P.M.
		Between Sections 13 and 18
		North on true line
		Va 18° 20' E
14	00	Drain descends East
40	00	Set post deposit charred. Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 12, 13, 7, 18
		Land rolling, Soil Sandy

Chains		3rd Guide Mer. West. T15 N. 6th P.M.
		Between Sections 7 and 12
		North on true line
		Va 18° 20' E
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 6, 7, 1, 12
		Land rolling, Soil white Sand Sandy

Chains		3rd Guide West. T 15 N. 6th P. M.
		Between Sections 1 and 6 North on true line Va 13° 20' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 1, 6, 31, 36, also a corner to Townships 15 and 16 N. of Ranges 24 and 25 West
		Land rolling, Soil 3rd rate

Chains		3 Guide Mer. West T 16 N. 6th P. M.
		Between Sections 31 and 36 North on true line Va. 13° 20' E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 30, 31, 25, 36
		Land Sand hills, 3rd rate
		October 20th 1868
		Compared and corrected Measuring chains with the Standard.

Chains		3rd Guide Mer. West T 16 N. 6th P. Me.
		Between Sections 25 and 30
		North on true line
		Va 13° 20' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 19, 30, 24, 25
		Land Sand hills, Soil 3rd rate

Chains		3rd Guide, Mer. West. T 16 N. 6th P. Me.
		Between Sections 19 and 24
		North on true line
		Va 13° 20' E
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sec.s 18, 19, 13, 24.
		Land Sand hills, Soil 3rd rate

Chains		3rd Guide, Mer. West. T 16 N. 6th P.M.
		Between Sections 18 and 18
		North on true line
		Va 13° 20' E
40	00	Set post deposit charred stake
		raised mound of earth with pits
		as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake
		raised mound of earth
		with pits as per instructions
		for a corner to Sections
		7, 18, 12, 13
		Land Sand hills, Inferior Soil

Chains		3rd Guide, Mer. West. T 16 N. 6th P.M.
		Between Sections 7 and 12
		North on true line
		Va 13° 20' E
40	00	Set post deposit charred stake
		raised mound of earth with pits
		as per instructions for a 1/4 Cor
80	00	Set post deposit charred stake
		raised mound of earth with pits
		as per instructions for a corner to
		Sections 6, 7, 1, 12
		Land Sand hills, Soil Inferior

Chains 3rd Guide Mer. West. T16N. 5th P.M.

Between Sections 1 and 6
North on tree line
Va 13°22' E

30 00 Leave rolling land, enter bottom bearing N.W. and S.E.

40 00 Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.

63,10 10 Right bank South Branch of Loup river 50 links wide low banks swift current sandy bottom runs S.E.

80 00 Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Townships 16. North Ranges 24 and 25 West at the intersection of the Fourth Standard Parallel North, being also the corner to Sections 1 and 6 on South Side of Said Parallel.
Land 1st 30 chs rolling, Soil 3rd rate
Ballance level Soil 3rd rate
October 21st 1868

Field Notes
of
The Survey of the 3rd Guide Meridian West
from
The 4th to the 5th Standard Parallel North
in the
State of Nebraska.

Executed By
J.B. Park Deputy Surveyor
Under joint Contract No 53. Dated May 10th 1872

Survey Commenced July 5th 1872
" Completed July 6th 1872

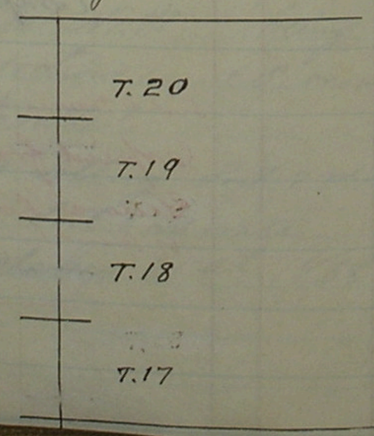
List of Names and lines between secs 31 & 36 & 25 & 30
Copied from Certified copy of Comr General Land Office Washington D.C. in back of Book.
By Robert Harvey
State Surveyor

List of Names

A list of the names of the individuals employed to assist in Surveying the 3rd Guide Meridian W from the 4th to the 5th Standard Parallel North

Charles Barothy	Axeman
B. B. Unthank	Moundman
Walter Campbell	Flagman
Henry McBroom	Chainman
William Edgar	"
Andrew Cowell	"
Carson Harris	"

Index Diagram



3rd Guide Meridian West, Township 17 North

Chains	
	From the Initial Point for the 3rd Guide Meridian West, on the 4th Standard Parallel North, Corner to Townships 17th North, Ranges 24 & 25 West, I run between Secs. 31 & 36 North on true line
	Va. 13° 25' East
40 00	Set post & deposit charred stake in Mound of earth with pits per instructions for qr. sec. cor.
58 00	Spring Brook 8 lks wide runs East
63 00	South and right bank, South Branch of Coupe River 65 lks wide, runs S.E.
68 00	South and right of the same Stream 48 lks wide runs S.W.
80 00	Set post, deposit charred stake in Mound of earth with pits per instructions for cor. to Secs. 30.31.25 & 36

Land hilly, Soil good 2nd rate.

3rd Guide Meridian West Township 17 North

Chains		
		North between Secs. 25 and 30
		Va 13° 25' East
15	00	South and right bank of South Branch of Loupe River 30 lks wide runs East
16	00	High bottom bears E. & W.
40	00	Set post deposit charred stake in mound of earth with pits per instructions for gr. sec. Cor.
80	00	Set post deposit charred stake in mound of earth with pits per instructions for Cor. to Secs. 19, 30, 24 & 25
		Land level Soil 1st rate.

3rd Guide Mer. West. Township 17 North

Chains		
		Between Secs. 19 and 24
		North on true line
		Variation 18° 25' E.
2	00	Ascend bluff bearing E. & W.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 18, 19, 13, 24
		Land hilly
		Soil 2nd rate

Third Guide Meridian West, Township 17 North

Chains	lks	Between Sections 13 and 18 North on true line Variation 13° 25' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a cover to Secs. 7, 8, 12, 13. Land hilly, Land 2 nd rate

Third Guide Mer. West, Township 17 North.

Chains	lks	Between Sections 7 and 12 North on true line Variation 13° 25' E.
2	00	Leave hills and enter valley descends S. E.
14	00	Dry bed of creek runs East
36	00	Leave Valley ascend bluffs S. E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a cover to Secs. 6, 7, 1, 12 Land hilly except the Valley Soil 2 nd rate.

Third Guide Mer. West. Township 17 North

Chains	Lks	
		Between Sections 1 and 6 North on true line Variation 13° 25' E.
40	00	Set post deposit chained Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
68	00	Cedar bluff on descends West
71	00	High hills bearing E. and W.
80	00	Set post deposit chained Stake raised mound of earth with pits as per instructions for a corner to Townships 17 and 18 North Ranges 24 and 25 W being also the corner to Secs 1, 6, 31, 36.
		Land hilly. Soil 2nd rate.

Third Guide Mer. West. Township 18 North

Chains	Lks	
		Between Secs. 31 and 36 North on true line Variation 13° 25' E.
40	00	Set post deposit chained Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit chained Stake raised mound of earth with pits as per instructions for a corner to Sections 25, 30, 31, 36
		Land hilly - Soil 2nd rate

Third Guide Mer. West, Township 18 North

Chains	Lks	
		Between Sections 25 and 30 North on true line Variation 13° 25' E.
20	00	Deep Cedar Canyon descends West
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Section Corner
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 19, 30 24, 25 near head of large Canyon descends West Land hilly and broken Soil 2nd rate

Third Guide Mer. West, Township 18 North

Chains	Lks	
		Between Sections 19 and 24 North on true line Var. 13° 25' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 18, 19, 13, 24 Land high rolling prairie Soil good 2nd rate.

Third Guide Mer. West. Township 18 North.

chains	chs	
		Between Sections 13 and 18 North on true line Variation 13° 25' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 7, 18, 12, 13
		Land Rolling
		Soil 2nd rate.

Third Guide Mer. West Township 18 North

chains	chs	
		Between Secs. 7 and 12 North on true line Variation 13° 25' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 1, 12, 6, 7
		Land rolling
		Soil Sandy 3rd rate

Third Guide Mer. West Township 18 North

Chains	Lks	
		North between Sections 1 and 6 on true line Variation 13° 25' E
110	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 1, 6, 31, 36 also the corner to Townships 18 and 19 North Ranges 24 and 25 W.
		Land Sand hills Soil 3rd rate July 5th 1872

Third Guide Mer. West. Township 19 North

Chains	Lks	
		Between Sections 31 and 36 North on true line. Variation 13° 25' E.
110	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Secs. 25, 30, 31, 36
		Land Sand hills Soil 3rd rate

Third Guide Mer. West Township 19 North

Chains	Lks	
		Between Secs. 25 and 30 North on true line Variation 13° 25' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 19, 30, 25, 24
		Land Sand hills
		Soil 3rd rate.

Third Guide Mer. West Township 19 North

Chains	Lks	
		Between Secs. 19 and 24 North on true line Variation 13° 25' E
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 18, 19, 13, 24
		Land Sand hills
		Soil 3rd rate

Third Guide Mer. W. Township 19 North

Chains	Lks	
		Between Secs 13 and 18 North on true line Variation 13° 25' E
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 7, 18, 12, 13
		Land hilly
		Soil Sand 3rd rate

Third Guide Mer. West Township 19 North

Chains	Lks	
		Between Sections 7 and 12 North on true line Variation 13° 25' E
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Secs. 6, 7, 1, 12
		Land Land hilly
		Soil 3rd rate.

Third Guide Mer. West, Township 19 North

Chains	Lks	
		Between Secs. 1 and 6 North on true line Variation 18° 25' E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Townships 18 19 and 20 N. Ranges 24 and 25 W also to Sections 31, 36 & 1, 6.
		Land Sand hills
		Soil 3rd rate

Third Guide Mer. West, Township 20 North

Chains	Lks	
		Between Sections 31 and 36 North on true line Variation 18° 25' E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sect 25, 30 31, 36
		Land Sand hills
		Soil 3rd rate

Third Guide Mer. West, Township 20 North

Chains lks Between Sections 25 and 30
North on true line
Variation 13° 25' E.

40 00 Left post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.

80 00 Left post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 19, 30, 24, 25
Land Sand hills
Soil Good rate

Third Guide Mer. West, Township 20 North

Chains lks Between Sections 19 and 24
North on true line
Variation 13° 25' E.

40 00 Left post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.

80 00 Left post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sect. 18, 19, 13, 24
Land Sand hills
Soil Good rate.

Third Guide Mer. West, Township 20 North

Chains	lks	
		Between Sections 13 and 18
		North on true line
		Variation 13° 25' E.
40	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions
		for a 1/4 Sec. Cor.
80	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions
		for a corner to Secs. 7
		18, 12, 13
		Land Sand hills
		Soil 2nd rate

Third Guide Mer. West. Township 20 North

Chains	lks	
		Between Sections 7 and 12
		North on random line
		Variation 13° 25' E.
40	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions
		for a 1/4 Sec. Cor.
80	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions for a
		corner to Sections ~~6, 1, 12, 18~~ 1, 6, 7 + 12
		Land Sand hills
		Soil 2nd rate

Third Guide Mer. West. Township 20 North

Chains	lks	
		Between Sections 1 and ~~12~~ 6
		North on true line
		Variation 13° 25' E.
40	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions
		for a 1/4 Sec. Cor.
80	00	Set post deposit charred
		Stake raised mound of earth
		with pits as per instructions
		for a corner to Townships
		20 North ~~on~~ Range ~~R~~ 24 and 25 W. on 5th Std. Part N
		Also to Sections 1 and 6.
		~~Land~~ ~~Land~~ hills
		Soil 3 rd rate

July 6th 1872

Tested chain with Standard and found it 1/4 inch too long

General Description

The valley of the South Branch of Loup river crosses the South part of this line. The bottom land is a rich soil producing a large growth of grass and would do well for cultivation. After leaving the valley the land is hilly and broken for the next six miles; the it is all low barren sand hills. Soil of the 3rd rate.

There is a little scattering timber along the river, and some cedar in the canyons.

Field Notes

of

The Survey of the third Guide Mer. Meridian West from the 5th to the 6th Standard Parallel North in Nebraska.

Executed by J. B. Park deputy Surveyor under their joint contract number 53 dated May 10th 1872 wherein J. B. Park and W. C. Campbell are joint contractors with E. E. Cunningham Surveyor General for the District of Nebraska and Iowa.

Survey Commenced July 29th 1872
" Completed " 30th 1872

List of Names
of Assistants showing
the respective capacities in
which they respectively acted

C D Wightman	Chainman
Walter Campbell	Chainman
B. B. Northank	Chainman
A. E. Cowell	Chainman
H. McBroom	Axeman or
Chas. Barothy	Moundmen
A E Huntington	Flagman

Third Guide Meridian West. Township 21 North
From the established corner to Townships 21 North, bet. Rs. 24 & 25 West
on the 5th Standard Parallel North. Trim

Chains	Lks	
		North on true line between Sections 31 and 36
		Variation 12° 55' E.
40	00	Set post deposit charred Stake raised mound of earth
||	||	with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 25 30, 31, 36
		Land Sand hills
		Soil 3 rd rate

Third Guide Meridian W. Township 21 North

Chains Lks North on true line between Sections 25 and 30
Variation 12° 55' E
40 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 19. 24 25, 30
Land Sand hills
Soil 3rd rate

Third Guide Meridian West Township 21 North

Chains Lks North on true line between Sections 19 and 24
Variation 12° 55' E.
40 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Section Corner.
80 00 Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24
Land Sand hills
Soil 3rd rate

Third Guide Meridian W. Township 21 North

Chains Lks North on true line between
Sections 13 and 18
Variation 12°55' E
40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions for
a ¼ Section Corner.
80 00 Set post deposit charred Stake
raised mound of earth with
pits as per instructions for
a corner to Sect. 7. 12. 13. 18
Land Sand hills
Soil Sandy

Third Guide Meridian West, Township 21 North

Chains Lks North between Sections 7 and 12
on true line
Variation 12°55' E.
40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a ¼ Section Corner.
80 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a corner to Sections
1, 6, 7, 12
Land Sand hills
Soil Sandy

Third Guide Meridian West Township 21 North

chains lks North on true line between
Sections 1 and 6
Variation 12° 55' E
30 00 Creek 10 lks wide runs N. E.
40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a 1/4 Sec Cor.
75 25 Dismal river 150 lks wide runs East
80 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions for
corner to Sections 1, 6, 31, 36
also corner to Townships 21 and 22
N. Ranges 24 and 25 W.
Land Land hills
Soil Good rate

Rcd July 29 1872

Third Guide Meridian West Township 22 North

chains lks North on true line between Sections
31 and 36
Variation 12° 55' E.
40 00 Set post deposit charred
Stake raised mound of earth with
pits as per instructions for a
1/4 Section Corner.
80 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a corner to Sections 25,
30, 31, 36
Land Sand hills
Soil Good rate

Third Guide Meridian West, Township 22 North

chains	lks	
		Between Sections 25 and 30 North on true line Variation 12°35' E
38	00	Enter low bottom land bearing N.W. & S.E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Section Corner
41	15	South bank Loupe river 313 lks wide runs S.E.
45	00	Leave low bottom bears N.W. & S.E.
71	00	Enter Sand hills bearing N.W. & S.E.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30 Land low bottom level Soil 2nd rate balance level, Soil 3rd rate

Third Guide Meridian West, Township 22 North

chains	lks	
		North on true line between Sections 19 and 24 Variation 12°55' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24 Land Sand hills Soil 3rd rate

Third Guide Meridian W. Township 22 North

Chains	Lks	
		North on true line between Sections 13 and 18
		Variation 12°5-5' E.
40	00	Set post deposit charred stake raised of earth, with pits as per instructions for a 1/4 Section Corner
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18
		Land Sand hills
		Soil Good rate

Third Guide Meridian West. Township 22 North

Chains	Lks	
		North on true line between Sections 7 and 12
		Variation 12°5-5' E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Section Corner.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 1, 6, 7, 12
		Land Sand hills
		Soil Good rate

July 29th 1872
Tested and corrected measuring chain with the Standard

Third Guide Meridian Township 22 North

Chains	Lks	
		North on true line between Sections 1 and 6
		Variation 12° 55' E.
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Townships 22 and 23 North Ranges 24 and 25 West also corner to Sections 1, 6, 31, 36.
		Land Land hills
		Soil Good rate

Third Guide Meridian West Township 23 North

Chains	Lks	
		North on true line between Sections 31 and 36
		Variation 13° E
40	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with pits as per instructions for a corner to Sections 25, 36 31, 36
		Land Land hills
		Soil Good rate

Third Guide Meridian West, Township 23 North

chains	lks	
		North on true line between Sections 25 and 30
		Variation 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a ¼ Sector,
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 19, 24 25, 30
		Land - Land hills
		Soil 3rd rate

Third Guide Meridian West, Township 23 North

chains	lks	
		North on true line between Sections 19 and 24
		Variation 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a ¼ Section Corner
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24
		Land Land hills
		Soil 3rd rate

Third Guide Meridian West Township 23 North.

Chains etc. North on true line between
Sections 13 and 18
Variation 18° E.

40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a 1/4 Sec. Cor.

80 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a corner to Sections 7,
12, 13, 18

Land Sand hills
Soil Good rate

Third Guide Meridian West Township 23 North.

Chains etc. North on true line between
Secs. 7 and 12
Variation 18° E.

40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a 1/4 Section Corner

80 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a corner to Secs. 1, 6, 7, 12

Land Sand hills
Soil Good rate

Third Guide Meridian West Township 23 North

Chains	Lks	
		North on true line between Sections 1 and 6
		Variation 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Sec Cor.
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Townships 23 and 24 N. Ranges 24 and 25 W. also to Secs. 1, 6, 31, 36
		Land Sand hills
		Soil 8 mate

Third ~~Fifth~~ Guide Meridian West Township 24 North

X = 6 miles

Chains	Lks	
		North on true line between Sections 31 and 36 Var 13° E.
40	00	Set post deposit charred raised mound of earth with pits as per instructions for a 1/4 Sec Cor
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 25, 30, 31, 36.
		Land Sand hills
		Soil 3 mate

Third
~~Fifth~~ Guide Meridian West Township 24 North

Chains	Lks	
		North on true line between Sections 25 and 30 Var. 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for 1/4 Section Corner.
74	20	South and right bank Lowe river 120 lks wide runs East enter low bottom after leaving river
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 19, 24, 25, 30
		Land hills South side river balance level
		Soil 3rd rate

Third
~~Fifth~~ Guide Meridian West Township 24 North

Chains	Lks	
		North on true line between Sections 19 and 24 Variation 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a 1/4 Section
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 13, 18, 19, 24
		Land Land hills
		Soil 3rd rate

Third Guide Meridian West. Township 24 North

Chains	Lks	
		North on true line between Sections 13 and 18
		Variation 13° E.
10	00	Leave low bottom and enter sand hills bearing E & W.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a ¼ Section Corner
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner to Sections 7, 12, 13, 18
		Land sand hills
		Soil 3rd rate

Third Guide Meridian West Township 24 North.

Chains	Lks	
		North on true line between Sections 7 and 12
		Variation 13° E.
40	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a ¼ Section Corner
80	00	Set post deposit charred stake raised mound of earth with pits as per instructions for a corner 1, 6, 7, 12
		Land very hilly
		Soil 3rd rate

Third Guide Meridian West Township 24 North

Chains Lks North on true line between
Sections 1 and 6
Variation 13° E.
40 00 Set post deposit charred
Stake raised mound of earth
with pits as per instructions
for a 1/4 Section Corner
80 00 Set post deposit charred
Stake raised mound of
earth with pits as per
instructions for a corner
to Sections 1, 6, 31, 36
also to Townships 24 North
N. Ranges 24 and 25 West
for a closing corner on the
6th Standard Parallel North.
Land very hilly
Soil 3rd rate.

July 30th 1872

Third Guide Meridian West from 5th to 6th.

General Description
There is but little can be said
of this line. It is almost wholly
Land hills of the same character.
with the exception of the creek and
river bottoms which are very narrow
The hills are covered with a thin
growth of tall grass, and are
unfit for settlement and
cultivation.

List of Names
A list of Names of persons employed
to assist in running and measuring the lines
and corners described in the foregoing field
notes of the Third Guide Meridian West, from
the 5th to the 6th Standard Parallels North.
Showing the respective capacities in which
they acted.

C. D. Wightman Chainman
Walter Campbell Chainman
B. B. Northank Chainman
A. Cowell Chainman
Chas Barth Axeman
J. McBroom Mandman
A. E. Huntington Flagman

I. J. B. Park, deputy Surveyor do Solemnly Swear that, in pursuance of a joint contract, wherein J. B. Park and H. C. Campbell are joint contractors with E. E. Cunningham United States Surveyor General for the District of Nebraska and Iowa, bearing date the 10th day of May 1872 I have well faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and the Laws of the United States, Surveyed all those parts or portions of of third Guide Meridian West from the 5th to the 6th Standard Parallel North in Nebraska as are represented in the foregoing field notes as having been Surveyed under my direction; and I do further Solemnly Swear that all the corners of Said Surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed, instructions, and that, the foregoing are the true and original field notes of Such Survey.

J. B. Park Deputy Surveyor.

State of Nebraska }
Lincoln County } ss. Subscribed to in my presence and Sworn to before me this 16th day of August 1872

James Belton
Clerk of the District Court for Lincoln County State of Nebraska

We hereby certify that we assisted J. B. Park deputy Surveyor in Surveying the Third Guide Meridian West from the 5th to the 6th Standard Parallel North of the Base line. and that Said Survey has been in all respects to the best of our Knowledge and belief, well and faithfully executed and the boundary monuments planted according to the instructions furnished by the Surveyor General.

C. D. Wightman	Chainman
Walter Campbell	Chainman
B. B. Mitchank	Chainman
A. J. Cowell	Chainman
H. McBroom	Axemen or
Chs Barthy	Moundmen
A. E. Huntington	Flagman

State of Nebraska }
Lincoln County } ss.

Subscribed and Sworn to by the above named persons before me this 16th day of August 1872

James Belton
Clerk of the District Court for Lincoln County State of Nebraska

Surveyor General's Office
Plattsmouth Jan 15th 1878.

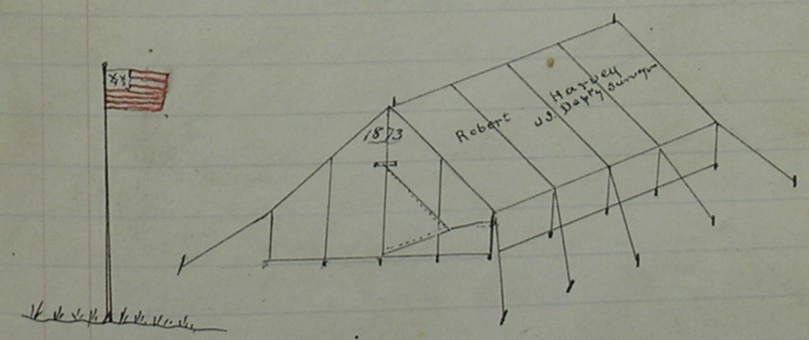
The foregoing field Notes of the Survey of the third Guide Meridian West from the 5th to the 6th Standard Parallel North Executed by J. B. Park under joint Contract No 53. dated May 10th 1872 wherein J. B. Park and H. L. Campbell are joint contractors in the month of July 1872. having been critically examined the necessary correction and explanations made the said field notes and the surveys they describe are hereby approved.

E. E. Cunningham
Surveyor General.

(A.)

Field Notes

of the survey of the third Guide Meridian West of the 6th Principal from the Sixth to the Eighth Standard Parallel North. surveyed by Robert Harvey deputy Surveyor. under joint Contract number 66 wherein Nicholas J. Paul and Robert Harvey are joint Contractors with E. E. Cunningham U. S. Surveyor General for the District of Iowa and Nebraska, bearing date the Sixteenth day of August 1872



Names and duties of Assistants:

McClaine	McCurdy	Chainman
Tom	Anderson	Chainman
Als.	Metcalf	Chainman
G. W.	McMillin	Chainman
J. S.	Crow	Cornerman
Jacob	Peters	Cornerman
Weston	Rhone	Flagman

Third Guide Meridian T. 25 N

I begin at the Standard Township Corner on the sixth Standard Parallel between Ranges 24 and 25 West Township 25 North and run

North on the Third Guide Meridian between sections 31 & 36

Variation of the magnetic needle as shown by Burts Solar Compass 14° 03' East

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Raised mound of earth with pits as per instructions for corner to sections 30. 31 25 and 36 – Sandhills Thirdrate

Note – The country affording no timber or stone whatever I establish corners with mound of earth and pits as per instructions

Third Guide Meridian West. P. 25 N.

North between secs 25 & 30
Va 14° 03' E

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor

80.00 Raised mound of earth with pits as per instructions for corner to sections 19. 30. 24 & 25
Rolling Sandhills
Soil Second rate

Third Guide Meridian West.
P. 25 N.

North between secs. 19 & 24
Va 14° 03' E.

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor

80.00 Raised mound of earth with pits as per instructions for corner to sections 18-19 13 and 24
Surface rolling
Soil. Sandy second rate

Third Guide Meridian West P.25.

North between Secs 13 & 18
Va 14° 03' E

20.00 Leave Sandhills and enter Bottom bears NW & SE

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor.

80.00 Raised mound of earth with pits as per instructions for Corner to sections 7, 18, 12 & 13 -
Hills secondrate
Bottom gently rolling
Soil & grass firstrate

Third Guide Meridian West. P.26.

North between secs 7 & 12
Va 14° 03' E

15.40 Creek 160 lks wide runs SE

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12
1st 40.00 chs boggy
Balance rolling firstrate

Third Guide Meridian West T.25N

North between secs. 1 & 6
Va 14° 03' E

33.10 Old wagon trail bears NE and SW

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor

70.00 Leave bottom and enter Sandhills bear E & W.

80.00 Raised mound of earth with pits as per instructions for Corner to Townships 25 & 26 North Ranges 24 and 25 West

South 70.00 chs. rolling sandy bottom - Soil 2 rate
Balance Sandhills 3 rate

Third Guide Meridian West
T.26N

From the corner to Townships 25 & 26 N. Ranges 24 & 25 West

Trav

North on the continuation of the third guide meridian between secs 31 & 36
Va 14° — E

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Raised mound of earth with pits as per instructions for Corner to sections 30. 31. 25 and 36

Land - Sand hills
Soil Third rate

Third Guide Meridian West T.26 N.

North between secs 25 & 30
Va 14° — E

4000 Raised mound of earth with pits as per instructions for 114 sec cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 19. 30. 24 and 25
Sand hills
Soil Thirdrate

Third Guide Meridian West — T.26 N.

North between secs 19 & 24
Va 13° 55' E.

4000 Raised mound of earth with pits as per instructions for 114 sec. cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 13-18-19 & 24
Land — Sandhills
Soil Thirdrate

Third Guide Meridian West T. 26 N.

North between secs. 13 & 18
Va 13° 50' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 7-18 12 and 13

Gently rolling Sandhills
Soil Thirdrate

May 20th 1878

Third Guide Meridian West T. 26 N.

North between secs. 7 & 12
Va 13° 45' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 6. 7 1 and 12

Land Sand hills
Soil thirdrate

Third Guide Meridian West

P. 26 No

North between secs 1 & 6
Va 13° 45' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor

8000 Raised mound of earth with pits as per instructions for corner to ~~sections~~
Townships 26 & 27 North
Ranges 24 & 25 West
Rolling Sandhills
Soil Thirdrate

Third Guide Meridian West

P. 27 No

North between secs 31 & 36
Va 13° 45' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor.

7000 Leave Sand hills and enter valley bears NW and SE

8000 Raised mound of earth with pits as per instructions for corner to sections 30, 31, 25 and 36
Sandhills thirdrate
Valley good grasy
Soil firstrate

Third Guide Meridian West T. 27

North between secs. 25 and 30
Va 13°45' E.

2.00 Leave valley and enter sand hills bearing NE & SW

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

47.00 Leave Sandhills and enter valley bears NW & SE

80.00 Raised mound of earth with pits as per instructions for corner to sections 19. 30. 24 & 25

Valley undulating - dark sandy soil - good grass

Sand hills Third rate

Third Guide Meridian West T. 27 N.

North between secs. 19 & 24
Va 13°48' E.

20.00 Leave valley and enter sand hills bears NW and SE

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Raised mound of earth with pits as per instructions for corner to sections 18-19 13 and 24

Valley undulating good grass soil first rate

Sand hills Third rate

Third Guide Meridian West T. 27 N.

North between secs. 13 & 18
Va 13° 42' E

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 7. 18 12 and 13

Rolling Sand hills
Soil Thirdrate

Third Guide Meridian W. T. 27 N.

North between secs 7 & 12
Va 13° 38' E

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 6. 7. 1 and 12

Rolling Sand hills
Soil Thirdrate
Good grazing

Third Guide Meridian West T. 27 N.

North between secs 1 & 6
Va 13° 40' E

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

8000 Raised mound of earth with pits as per instructions for corner to Townships 27 and 28 North Ranges 24 and 25 West
Land Rolling Sandhills
Soil. third rate - good grazing

Third Guide Meridian West T 28 N

North between secs 31 & 36
Va 13° 45' E

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

4600 Leave hills and enter valley bears NW and SE

6800 Leave valley and enter hills bears NW and SE

8000 Raised mound of earth with pits as per instructions for corner to sections 30. 31 - 25 and 36
Valley level - Soil & grass 1st rate
Hills. Sandy Third rate

Third Guide Meridian West T. 28 N.

North between secs 25 & 30
Va 13°44' E

1800 Leave hills and enter valley
bears East and West

38.00 Slough 50 lks wide course East

4000 Raised mound of earth with
pits as per instructions for
1/4 sec. cor.

5200 Leave valley and enter hills
bears E & W.

8000 Raised mound of earth
with pits as per
instructions for corner
to sections 19. 30. 24 & 25
Valley level. Soil first rate
Hills sandy third rate

Third Guide Meridian W. T. 28 N.

North between secs. 19 & 24
Va 13°48' E

2000 Leave hills and enter valley
bears E & W.

4000 Raised mound of earth with
pits as per instructions for
1/4 sec. cor

5800 Leave valley and enter hills
bears E & W.

8000 Raised mound of earth with
pits as per instructions for
corner to sections 18.19.13 & 24
Valley undulating - Soil 1st rate
Sandhills third rate

Third Guide Meridian W. T. 28 N.

North between secs. 13 & 18
Va 13° 52' E.

3000 Leave hills and enter valley bears SE and NW

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

5600 Leave valley and enter hills bears E and W.

8000 Raised mound of earth with pits as per instructions for corner to sections 7-18-12 and 13

Valley undulating - Soil and grass first rate - Sandhills Third rate

Third Guide Meridian W. T. 28 N.

North between secs 7 & 12
Va 13° 53' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 6-7-1 and 12

Land, Sandhills
Soil Third rate

Third Guide Meridian W. T. 28 N.

North between secs 1 & 6
Va 13° 49' E

30.00 Leave Sand hills and enter valley bears E. & W.

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor

53.35 Old wagon trail bears NE & SW

53.00 Leave valley and enter Sand hills bearing E. & W.

80.00 Raised mound of earth with pits as per instructions for Closing Corner to Townships 28 North of Ranges 24 and 25 West.

Note- This Closing Corner is permanently established on the 7th Standard Parallel after said Parallel having been established

May 21st 1872

General Description of Third Guide Meridian from the 6th to the 7th Standard Parallel

A creek runs SE through Township 25 N. Valley about two miles in width - Soil 1st and 2nd rates Upland is third rate Sandhills

T. 26 N.

Rolling Sandhills alternating with vales that afford good grass.

T. 27 N.

High rolling Sand hills with alternating vales of good grass land

T. 28 N.

High rolling Sand hills alternating with narrow vales bearing E. & W. A large deep lake on South half of section 19 T. 28 R 24 extends Eastward and is apparently the source of Calamus River.
The country is entirely destitute of timber. Sand cherry roots are the only available fuel for cooking.

Third Guide Meridian W. T. 29 N.

From the established Standard Corner to Townships 29 North of Ranges 24 and 25 West on the 7th Standard Parallel I run North on the 3d guide meridian between secs 31 & 36
Va 13° 43' E

2500 Leave Sandhills and enter valley bears NW and SE

4000 Raised mound of earth with pits as per instructions for 1/4 sec cor

8000 Raised mound of earth with pits as per instructions for corner to sections 30-31 25 and 36

Hills - sandy third rate
Valley - undulating 1st rate
Good land and good grass.

Third Guide Meridian W. T. 29 N.

North between secs 25 & 30
Va 13° 45' E

3.00 Leave valley and enter hills bearing NE and SW.

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor

72.00 Leave hills and enter valley bears NE and SW

8000 Raised mound of earth with pits as per instructions for corner to sections 19-30-24 and 25

Valley undulating - Soil and grass - 1st rate
Sandhills third rate

Third Guide Meridian W. T. 29 N.

North between secs. 19 & 24
Va 13° 50' E.

3500 Leave valley and enter hills bearing E. & W.

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

4000 Raised mound of earth with pits as per instructions for corner to sections 18 19, 13 and 24

Valley first rate
Hills third rate

Third Guide Meridian W. T. 29 N.

North between secs. 13 & 18
Va 13° 55' E.

4000 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

48.00 A vale 10 chs wide bears E. & W.

8000 Raise mound of earth with pits as per instructions for corner to sections 7-18-12 and 13

Vale first rate
Small hills third rate

Third Guide Meridian W. T. 29 N.

North between secs 7 ~ 12
Va 14° 00' E

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. cor.

48.00 Leave hills and enter valley bears N W and S E

78.00 Drain course East

80.00 Raised mound of earth with pits as per instructions for corner to secs. 6 - 7 - 1 and 12

Sand hills Third rate

Valley undulating 1st rate

Third Guide Meridian W. T. 29 N

North between secs 1 and 6
Va 14° 00' E

24.00 Slough 50 lks. wide course East.

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor.

47.00 Leave valley and enter sand hills bearing E ~ W.

80.00 Raised mound of earth with pits as per instructions for corner to ~~sections~~ Townships 29 and 30 North, Ranges 24 and 25

Valley undulating 1st rate -

Sand hills Third rate

Third Guide Meridian West T 30 N.

From the corner to Township 29 and 30 North. on the the third guide Meridian West I run North on the range line between Secs 31 & 36
Va 13° 5 7' E

4000 Raised mound of earth with pits as per instructions for 1/4 sec Cor.

68.00 Leave hills and enter Bottom bears N & S W

77.50 Enter Bog bears E & W

8000 Raised mound of earth with pits as per instructions for Corner to sections 30. 31. 25 and 36
Surface uneven
Soil third rate

Third Guide Meridian W. T. 30 N.

North between Secs 25 and 30
Va 13° 5 7' E.

2.85 Slough runs N E

4.00 Leave bog bears E & W

15.00 Leave bottom and enter Sandhills bearing E W

4000 Raised mound of earth with pits as per instructions for 1/4 sec. Cor.

8000 Raised mound of earth with pits as per instructions for Corner to sections 19. 30. 24 and 25
Surface uneven
Soil Sandy third rate

Third Guide Meridian West S. 30 N.

North between secs 19 & 24
Va 13° 55' E.

16.00 Leave Sandhills and enter valley bears E & W

28.75 Creek 25 links wide and 24 inches deep runs East.

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. Cor.

50.00 Leave valley and enter hills bearing E. W.

80.00 Raised mound of Earth with pits as per instructions for Corner to sections 18-19-13 & 24

Bottom, Secondrate
Sand hills - Thirdrate

June 2nd 1873

Third Guide Meridian W. S. 30 N

North between Secs 13 & 18
Va 13° 50' E

40.00 Raised mound of earth with pits as per instructions for 1/4 sec cor.

44.50 Creek 15 lks wide & 2 ft. deep runs S.E.

80.00 Raised mound of earth with pits as per instructions for Corner to sections 7-18-12 and 13

Low Sandhills
Soil Thirdrate

Third Guide Meridian W. T. 30 N.

North between secs. 7-12
Va 13°45' E

1800 Leave Sand hills and enter valley bears E & W

4000 Raised mound of earth with pits as per instructions for 1/4 sec Cor.

8000 Raised mound of earth with pits as per instructions for corner to sections 6-7-1 and 12
Valley level first rate
Hills. third rate

Third Guide Meridian West. T. 30 N.

North between secs. 1 and 6
Va 13° 45' E.

19.90 Slough course N. E.

2200 Leave valley and enter hills bearing N E & S W

40.00 Raised mound of earth with pits as per instructions for 1/4 sec. Cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to Townships 30. 31 N Ranges 24 and 25 W.
Valley first rate Hills third rate

Third Guide Meridian W. T. 31 N.

From the corner to Townships 30 and 31 North Ranges 24 and 25 West on the Third Guide Meridian Town on said Guide Meridian North between secs. 31 and 36
Va 13° 36' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

5400 Drain course East

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for ~~Two corners~~ sections 30-31. 25 and 36

Gently rolling Sandhills
Soil secondrate

Third Guide Meridian W. T. 31 North

North between secs 25 and 30
Va 13° 34' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 19. 30. 24 and 25

Land Sandhills
Soil secondrate

—

Third Guide Meridian W. S. 31 N.

North between secs. 19 - 24
Va 13° 30' E.

29.30 A. Creek (Evergreen) 100 lks wide and 24 inches deep runs NE

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 and 24

South half Thirdrate
North half Seconderate

Third Guide Meridian West S. 31 N.

North between secs. 13 and 18
Va 13° 30' E.

3.00 Leave sand hills and enter level valley bearing E and W.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

4600 Leave valley and enter sandhills bearing East and West

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13

Valley good rich firstrate
Sand hills Thirdrate

Third Guide Meridian W. T. 31 N.

North between secs 7 ~ 12
Va 13° 30' E

1.00 Leave Sand hills and enter valley bears E & W
13.00 Leave valley and enter hills bear E & W.
40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.
52.00 Leave hills and enter valley bears E and W
80.00 set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 1. 6. 7 and 12
Valley deep-rich-soil and grass first rate
Sandhills third rate

Third Guide Meridian W. T. 31 N.

North between secs 1 and 6
Va 13° 27' E.

80.00 Leave valley and enter Sand hills bears NE & SW
40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.
50.00 Enter Sandy valley bears E & W.
80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to Townships 31 and 32 North of Ranges 24 and 25 West
Sand hills third rate
Valley numerous sandy 2 rate

Third Guide Meridian W. T. 32 N.

From the corner to Townships 31 and 32 N. on the Third Guide Meridian West Run North on the range line between secs 31 and 36
Va 13° 25' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 30. 31. 25 and 36

Undulating Valley
Soil Second rate

June 3rd 1873

Third Guide Meridian West T. 32 N.

North between secs. 25 and 30
Va 13° 35' E

2700 Leave valley and enter Sandhills bearing E. & W.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 19-30-24 and 25

Valley Secondrate
Hills Thirdrate

Third Guide Meridian W. T. 32 N.

North between secs. 19 and 24
Va 13° 35' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 18-19-13 and 24

Land - Sand hills
Soil - third rate -

Third Guide Meridian West T. 32 N.

North between secs. 13 and 18
Va 13° 40' E.

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

43.00 Leave hills and enter valley bears East and West.

60.00 Verge of Harvey's Cañon 200 ft deep bears East and West

62.20 Creek 15 lks wide and 2 feet deep runs S E

69.00 Leave Harvey's Cañon bears E W

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 7-18 12 and 13

Valley rich first rate
Balance Sandhills third rate

Third Guide Meridian West S. 32 N.

North between secs. 7 and 12
Va 13° 45' E.

23.60 Creek in deep Cañon 20 lks wide runs NE.

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections, 6-7-1 and 12.

Surface rolling & uneven
Soil, Sandy Thirdrate

Third Guide Meridian West S. 32 N.

North between secs. 1 & 6
Va 13° 50' E.

19.00 Small clump of Pine trees

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set temporary corner to Tps 32 N. Ranges 24 and 25 W. and after the establishment of the 8th Standard Parallel. I set post deposited charred stake and raised mound of earth with pits as per instructions for Closing corner to Townships 32 North of Ranges 24 and 25 West from which A Pine tree 27 in dia. bears N 25 45' E 4.25 chs distant

Land rolling and hilly
Soil Thirdrate

June 4" 1873

Third Guide Meridian West between 7th and 8th S. P.

General Description

The land on this line is well watered by several branches of clear running water - No timber on South twelve miles - The general surface is Sand hills alternating fertile glades or vales - good for grazing and in places adapted to Agriculture In township 32 North Range 24 West is a large amount of Pine timber covering an area of several thousand acres - the trees are generally of good size and of quality suitable for Stock boards - Hawey's Canon is filled with excellent timber Pine, Oak, Ash Cedar Linden, Walnut &c. Hay Pine and white Oak trees are fifty feet high clear of branches or knots - The water of the Creeks is of excellent quality

List of Names -

A list of the names of the individuals employed to assist in running measuring or marking the lines and corners discribed in the foregoing field notes of the Third Guide Meridian West from the 6th to the 8th Standard Parallel North surveyed by Robert Harvey deputy Surveyor in the State of Nebraska showing the respective capacities in which they acted -

Wm Clay McCurdy	Chainman
Wm Anderson	Chainman
A. S. Metcalf	Chainman
S. W. McMillin	Chainman
J. S. Crow	Cornerman
Jacob Peters	Cornerman
Weston Rhone	Flagman

We hereby certify that we assisted Robert Harvey, deputy surveyor in surveying and establishing the Third Guide Meridian West of the 6th Principal Meridian from the 6th to the 8th Standard Parallel North, in the State of Nebraska and that said Meridian has been in all respects to the best of our knowledge and belief well and faithfully surveyed and the Boundary Monuments planted according to the instructions furnished by the Surveyor General

McClain McCurdy	Chainman
Wm. Anderson	Chainman
A. G. Mitchell	Chainman
G. W. McMillin	Chainman
J. S. Crow	Cornerman
Jacob Peters	Cornerman
Weston Rhone	Flagman

Subscribed and sworn to by the above

named persons before me
Probate Judge in and for
Howard County Nebraska
this 9th day of July 1873

N. J. Paul
Probate Judge

PROBATE COURT HOWARD COUNTY NEBRASKA SEAL

Surveyor General's Office
Plattsmouth 1873

The foregoing field notes of the Survey of the Subdivisi

I, Robert Harvey, deputy Surveyor, do solemnly swear that in pursuance of a joint Contract wherein Nicholas J. Paul and Robert Harvey are joint Contractors with E. E. Cunningham, United States Surveyor General for the district of Iowa and Nebraska bearing date the 16th day of August 1872, I have well, faithfully and truly in my own proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and the laws of the United States, surveyed and established the Third Guide Meridian from the 6th to the 8th Standard Parallel North of the base line and West of the 6th Principal Meridian in the State of Nebraska; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original field notes of such survey—

Robert Harvey
Deputy Surveyor

Subscribed by said Robert Harvey, deputy Surveyor and sworn to before me

this 8th day of Aug. 1873 —
J. C. Peers.
Clerk Howard

Surveyor General's Office
Plattsmouth 1873

The foregoing field notes of the Survey of the 3rd Guide Meridian from the 6th to the 8th Standard Parallel in the State of Nebraska Executed by Robert Harvey Deputy Surveyor under joint Contract No 66. dated August 16. 1872. wherein N. J. Paul and Robert Harvey are joint Contractors in the month of June 1873. having been critically examined the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved.

E. E. Cunningham
Surveyor General

(A.)

Field Notes of the
Survey and Establishment
of the Third Guide Meridian
West from the 8th Standard
Parallel North to the North
Boundary of the State —
and of the 4th Guide
Meridian W. from the 7th
Standard Parallel to the North
Boundary of the State, Nebraska
Surveyed by Robert Harvey, U.S.
Deputy Surveyor under joint
Contract No. 88 bearing date
the 17th day of April AD 1875,
wherein Nicholas J. Paul and Robert
Harvey are joint Contractors with
E. E. Cunningham U.S. Surveyor
General for the District of
Nebraska and Iowa

Survey Commenced May 23 - 1875
Survey Completed June 11 - 1875

(B)

Names and duties of Assistants

A. G. Metcalf, Chainman
Thompson McNabb, Chainman
Charles Weller, Chainman
Edward C. Simmons, Chainman
Noah Barter, Cornerman
Francis M. Cushing, Cornerman
Frank M. Webster, Flagman

Third Guide Meridian W. B. 33 N.

Begin at the Standard Corner to Townships 33 N. Ranges 24 and 25 W. and run North on the Third Guide Meridian between secs 31 & 36
Variation of the Needle as shown by Barts Improved Solar Compass 13° 42' E.

40.00 Set post 3×3 in. 4 ft. 1 ft deep deposited charred stake and raised mound of Earth 2½ ft. high from pits 18×24×12 in deep for 1/4 sec cor.

80.00 Set post 4×4 in. 4 ft 1 ft deep, deposited charred stake, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for Corner to Secs. 30. 31. 25 and 36
Surface rolling
Soil Sandy Thirdrate

Third Guide Meridian W. S. 33 N.

North between secs 25 and 30
Va 18° 42' E

40.00 Set post 3 x 3 in 4 ft 1 ft deep deposited charred stake, raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for 1/4 sec cor

45.13 Pine tree 10 in. in diameter Small Pine grove west of line at this Point

80.00 Set post 4 x 4 in 4 ft 1 ft deep deposited charred stake, raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs 19, 30, 24 and 25

Land high rolling Sandhills
Soil 4th rate

Third Guide Meridian W. S. 33 N.

North between secs. 19 & 24
Va. 18° 42' E

40.00 Set post 3 x 3 in 4 ft 1 ft deep. deposited charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor.

80.00 Set post 4 x 4 in 4 ft 1 ft deep. deposited charred stake, raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for Corner to secs 18, 19, 13 & 24

Land, rolling Sand hills
Soil Third rate

Third Guide Meridian W. T. 33 N.

North between secs. 13 & 18
Va. 13°45' E

40.00 Set post 3×3 in 4 ft 1 ft dep
deposited charred & stake
raised mound of earth
2½ ft high from pits [18×24×
12 in deep for 1/4 sec cor.

56.50 Gordons Sioux City and
Black Hills trail bears NE & SW

73.65 Spring Branch 7 lks wide
runs East

80.00 Set post 4×4 in 4 ft 1 ft
deep deposited charred stake
raised mound of earth 2½ ft high
from pits 18×24×12 in deep for
Corner to secs 7, 18, 12 and 13
Land rolling.
Soil sandy thirdrate
Pine, Cedar Oak, linden
birch ironwood and juniper
in Cañons

Third Guide Meridian W. T. 33 N.

North between secs 7 & 12
Va 13°45' E

12.50 Enter Niobrara Valley bo. E & W

17.20 Creek 10 lks wide runs East

33.28 Granite rock 18×12×5 in with
pits and mound for meander corner to fractional
secs 7 & 12 on ~~Right~~ Bank of Niobrara river
The water being shallow &
find width of River by chaining

39.15 Set Granite Rock 20×16×6 with
pits and mound for meander corner to frac-
tional secs. 7 & 12 on the left
bank of Niobrara River

40.00 Set Granite rock 16×14×5 inches
with pits and mound for 1/4 sec Cor.

57.00 Leave Bottom and enter hills
bearing N 60° SE

80.00 Set post 4×4 in 4 ft 1 ft deep
deposited charred stake and
raised mound of earth 2½ ft
high from pits 18×24×12 in deep
for cor to secs 6, 7, 1 and 12
Bottom S. of River wet brushy 3d rate
North of River dry rich 1st rate

Third Guide Meridian W. T. 33 N.

North between secs 1 and 6
Va 13° 45' E

40 00 Set post 3x3 in 4 ft 1 ft deep deposited charred stake, raised mound of earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec Cor, from which A Pine tree 12 in diam bears N 13° W 90 lks

42 50 Channel in Cañon bears SE

47 00 Same channel bears SW

48 30 Same channel bears SE

70.00 Enter table land bears NW or SE

80.00 Set post ~~deposited~~ 4x4 in 4 ft 1 ft. deep, deposited charred stake raised mound of earth 2½ ft. high from pits 18x24x12 in for Corner to Townships 33 and 34 N. Ranges 24 and 25 W.

South 70.00 broken clay hills 3 chs
Balance table land 2 rate
An arched silicon and cretaceous sandstone 3 chs long brs S 60° E 20.00 chs dist

Third Guide Meridian W. T. 34 N

North between secs. 31 & 36
Va 13° 48 E

40 00 Set post 3x3 in 4 ft 1 ft deep deposited charred stake and raised mound of earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec. Cor. from which an Oak 5 in diam brs. S 45° W. 17 lks dist

45 00 Cañon course SE

65 30 Cañon course SE

74 00 Cañon course SE

80 00 Set post 4x4 in 4 ft. 1 ft deep deposited charred stake and raised mound of earth 2½ ft high from pits 18x24x12 in deep for corner to secs. 30. 31. 25 and 36
Clay table land broken by Cañons - 2nd rate soil
Timber in Cañons Pine and Oak

3d Guide Meridian W. T 34 N

North between secs. 25 and 30
Va 13° 48' E

40 00 Set post 3×3 in 4 ft 1 ft deep
deposited chained stake raised
mound of earth 2½ ft high
from pits 18×24×12 in. deep
for 1/4 sec. cor.

45 00 Canon course S 8

80 00 Set post 4×4 in 4 ft 1 ft deep
deposited chained stake raised
mound of earth 2½ ft. high from
pits 18×24×12 in deep for
corner to secs. 19. 30. 24 and 25
Gently rolling tableland
Clay soil 1st rate

Third Guide Meridian W. T 34 N

North between Secs 19 & 24
Va 13° 49' E

40 00 Set post 3×3 in 4 ft 1 ft deep
deposited chained stake raised
mound of earth 2½ ft high
from pits 18×24×12 in deep
for 1/4 sec. cor.

40 00 Leave Table land and enter
sand hills bear NE & SW.

80 00 Set post 4×4 in 4 ft 1 ft deep
deposited chained stake raised
mound of earth 2½ ft. high from
pits 18×24×12 in. deep
for corner to secs 18, 19, 13 & 24
1st 40 chs 1st rate
N. 40 " sandhills 3d rate

Third Guide Meridian W. T. 34 N.

North between secs 13 & 18
Va 13°49' E

40 00 Set post 3 x 3 in 4 ft 1 ft deep deposited charred stake, raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec. cor.

80 00 Set post 4 x 4 in 4 ft 1 ft deep deposited charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs 7, 12, 13 & 18

Rolling Sandhills
Soil. Third rate

Third Guide Meridian W. T. 34 N

North between secs 7 & 12
Va 13°49' E

40 00 Set post 3 x 3 in 4 ft 1 ft deep deposited charred stake raised mound of earth ~~with pits~~ 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor.

58 75 Indian trail bears NW & SE

80 00 Set post 4 x 4 in 4 ft 1 ft deep deposited charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for Corner to secs 6, 7, 1 and 12

South 45 chs. Sandhills 3d rate
North 35 " Undulating 2nd rate

May 23d 1875

Third Guide Meridian W. T. 34 N.

North between secs 1 & 6
Va 13° 52' E.

40 00 Set post 3x3 in 4 ft 1 ft. deep deposited chained stake, raised mound of earth 2½ ft. high from pits 18x24x12 in. deep for 1/4 Sec. Cor.

80 00 Set post 4x4 in 4 ft. 1 ft. deep deposited chained stake and raised mound of earth 2½ ft high from pits 18x24x12 in deep for corner to Townships 34 and 35 N Ranges 24 & 25 West.

Gently rolling table land
Soil 1st rate

Third Guide Meridian W. T. 35 N.

North between Secs 31 & 36
Va 13° 52' E.

40 00 Set post 3x3 in 4 ft. 1 ft. deep deposited chained stake, raised mound of earth 2½ ft. high from pits 18x24x12 in. deep for 1/4 Sec. Cor.

80 00 Set post 4x4 in 4 ft. 1 ft. deep deposited chained stake raised mound of earth 2½ ft high from pits 18x24x12 in deep for corner to Secs 30. 31. 25 & 36

Gently rolling clay table land
Soil first rate

Third Guide Meridian W. T. 35 N.

North between secs. 25 & 30
Var. 13° 52' E

40 00 Set post 3 x 3 in 4 ft. 1 ft. dep
deposited chained stake
raised mound of earth 2½ ft.
high from pits 18 x 24 x 12
in deep for 1/4 sec. Cor.

80 00 Set post 4 x 4 in. 4 ft. 1 ft. dep
deposited chained stake
raised mound of earth ~~wall~~
2½ ft high from pits 18 x 24
x 12 in deep for corners to
secs 19. 30. 24 and 25

Gently rolling Table land
Clay soil 1st rate

Third Guide Meridian W. T. 35 N

North between secs. 19 & 24
Var. 13° 54' E

35 60 Ravine course NE

40 00 Set post 3 x 3 in 4 ft. 1 ft. dep
deposited chained stake raised
mound of earth 2½ ft high from
pits 18 x 24 x 12 in deep for 1/4 sec. Cor.

81 73 Intersect North Boundary of
Nebraska 8 chs. and 58 lks
East of the 28th mile post

May 24th 1875

[illegible] 00 00 Set post 4 x 4 in x 4 ft. 1 ft dep deposited
chained stake raise mound of earth 2½
ft high from pits 18 x 24 x 12 in dep for
cor. to Secs 13, 18, 19 and 24

North between Secs. 13 and 18
Var 13 54' E

1 73 Intersect North Boundary of Nebraska 8 chains
and 58 lks. East of 28th mile post

May 24th 1875

Third Guide Meridian W.

General Description

The surface along the Third Guide Meridian between the 8th Standard Parallel and the State line – South of the Niobrara river is high rolling sand hills – fit only for grazing – a few small groves of Pine trees are found among the hills

Niobrara river has an average width of about 5 chains – about 30 inches deep. Very swift current on a hard rocky bottom.

The gulches, canons and face of bluffs South of river are well supplied with timber comprising Pine, Oak, Cedar, Juniper, Ash, linden, Birch, Walnut, Ironwood, Box-elder, Mountain ash & Aspen

Third Guide Meridian West.

while in the River bottom are found Cottonwood and willow

On the North side the faces of the bluffs are lined with Pine and in the gulches Cedar and Oak are found.

The river bottom is rich in Specimens of the Floral Kingdom

Cretaceous Sandstone crops from the bluffs on the North side.

About 20 chs. East of the line in sec. 6 in T. 33 North on the summit of a high, narrow ridge stands a prominent rock about 16 ft. in height and 200 ft long and about 12 ft broad. The base is pure Silicon 9 ft. high. surmounted by about 7 ft of Cretaceous

Sandstone. Near the South end an Archway about 18 ft. in diameter has been worn through the Silicon To the distant observer the whole presents the appearance of ruins

The Table land North of the river is gently rolling — Clay soil — well adapted to growing Cereals.

For Certificates See 4th Guide Meridian at close of Book.

Recd. with S.G. letter Feb. 6 – 79.

W.M.W.

O.H.

E

(4—207.)

Department of the Interior,

GENERAL LAND OFFICE,

Washington, D. C., August 25th, 1884

I, L. Harrison Acting, Commissioner of the General Land Office, do hereby certify that the annexed transcript of the field notes of the Survey of the 3d Guide Meridian West, through Township 17 North, between, Ranges 24 and 25 West of the 6th Principal Meridian, Nebraska, is a true and literal exemplification of the official field notes of said Survey on file in this office

In testimony whereof I have hereunto subscribed my name, and caused the Seal of this Office to be affixed, at the City of Washington, on the day and year above written.

L Harrison

Acting Commissioner of General Land Office.

(14502—1,500.)

Walter Campbell	Flagman
Henry Mc. Broom	Chainman
William Edgar	"
Andrew Lovell	"
Carson Harris	"

Recd. with S.G. letter Sep. 6 - 72

Field Notes

of

The Survey of the 3d Guide Meridian West

from

The 4th to the 5th Standard Parallel North

the

5th Standard Parallel North

From the 2d to

The 3d Guide Meridian West

in

The State of Nebraska

Executed by

J. B. Pack Deputy Surveyor

under

joint contract No 53. Dated May 10th 1872

Survey

Commenced July 5th 1872.

Completed July 14th 1872.

List of Names.

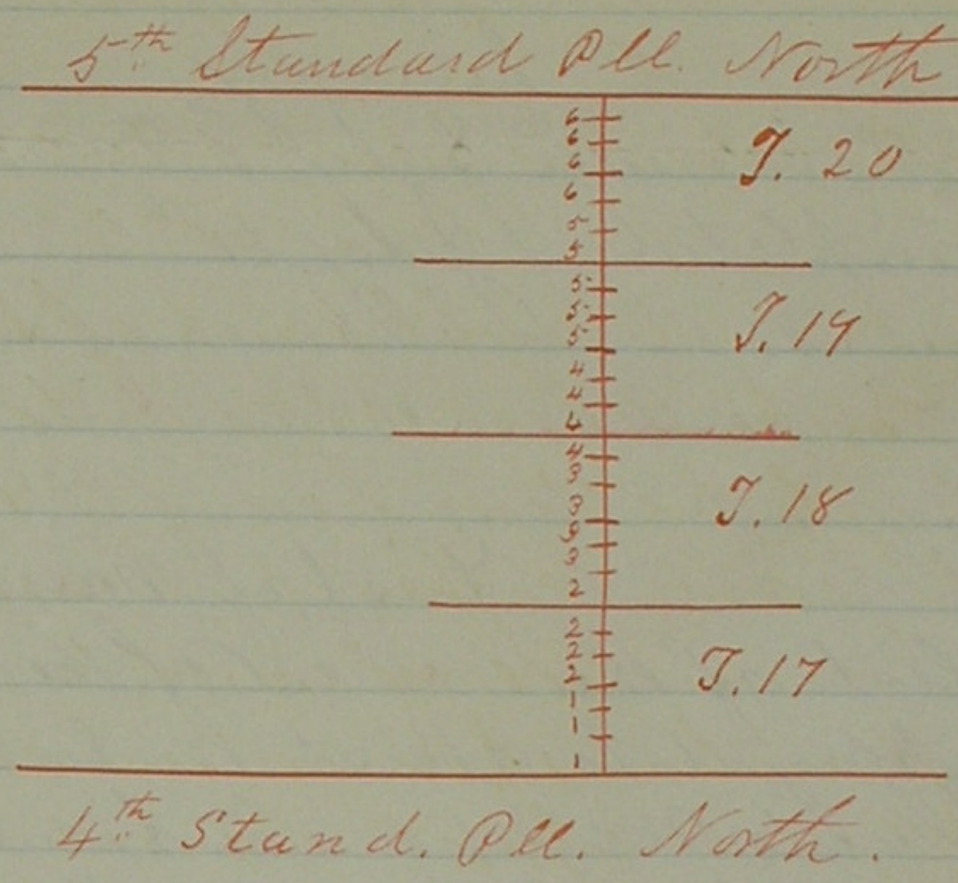
A list of the names of the individuals employed to assist in surveying the 3d Guide Meridian W. from the 4th to the 5th Standard Parallel North and 5th Standard Parallel North from the 2d to the 3d Guide Meridian West

Charles Barothy	Axeman
B. B. Monthank	Moundman
Walter Campbell	Flagman
Henry Mc. Broom	Chainman
William Edgar	"
Andrew Lowell	"
Larson Harris	"

Index

Diagram of 3d Guide Meridian West from 4th to 5th Standard Parallel North

Referring the lines to the pages of field notes



3d Guide Meridian West Township 17 North,

Chains	
	From the initial point for 3d Guide Meridian West on 4th Standard Parallel North corner to Townships 17 North, Ranges 24 & 25 West I run
	Between Secs. 31 & 36.
	North on true line
	Va. 13° 25' East,
40.00	Set post deposit charred stake in mound of earth with pits per instructions for qr. sec. cor.
58.00	Spring brook 8 lks. wide runs East
63.00	South and right bank South Branch of Loupe river 65 lks wide runs S.E.
68.00	South and right bank of the same stream 48 lks. wide runs S.W.
80.00	Set post deposit charred stake in mound of earth with pits per instructions for cor. to Secs. 30. 31. 25 & 36.
	Land hilly. Soil good 2 rate.
	North between Secs. 26 and 30.
	Va 130° 25' East
15.00	South and right bank of South branch of Loupe River 30 lks. wide runs East
16.00	High bottom bears E. & W.
40.00	Set post deposit charred stake in mound of earth with pits per instructions for qr. sec cor.
80.00	Set post deposit charred stake in mound of earth with pits per instructions for cor. to Secs. 19. 30. 24 & 25
	Land level Soil 1st rate,
	North Between Secs. 19 and 24.
	Va. 13° 25' East
2.00	Ascend bluff bearing E & W.
40.00	Set post Deposit charred stake in mound of earth with pits per instructions for qr. Sec. cor.
80.00	Set post deposit charred Stake in mound of Earth with pits

3rd Guide Meridian West Township 17 North

Chains	per instructions for a corner to secs 18. 19. 13 & 24.
	Land hilly, Soil 2d rate.
	North between Secs. 13 and 18.
	Va. 13° 25' East
40.00	Set post deposit charred stake in mound of earth with pits per instructions for qr. Sec. cor.
80.00	Set post deposit charred stake in mound of earth with pits per. instructions for cor. to Secs. 7. 18. 12 & 13.
	Land hilly and 2d rate.
	North between Secs. 7 and 12.
	Va. 13° 25' East.
2.00	Leave hills enter Valley descends S.E.
14.00	Dry bed of creek runs East.
36.00	~~Leave~~ valley ascends bluffs S.E.
40.00	Set post deposit charred stake in mound of earth with pits per instructions for qr. Sec. cor.
80.00	Set post deposit charred stake in mound of earth with pits per instructions for cor. to Secs. 6. 7. 1 & 12.
	Land hilly except the valleys Soil 2d rate.
	North between Secs. 1 and 6.
	Va. 13° 25' East
40.00	Set post deposit charred stake in mound of earth with pits per instructions for qr. Sec. cor.
68.00	Cedar Canon Descends West.
71.00	High hills bears East & West
80.00	Set post deposit charred stake in mound of earth with pits per instructions for a corner to townships 17 & 18 North Ranges 24 & 25 West being also cor. to Secs. 1. 6. 31 & 36.
	Land hilly Soil 2d rate.

General Land Office • Original Field Notes

Book Number

203

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.