General Land Office • Original Field Notes

Book Number

204

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.

97

4
G.M.W.
North

97

Fourth

Guide Meridian West
From the

Base Line North to North Boundary

Established by

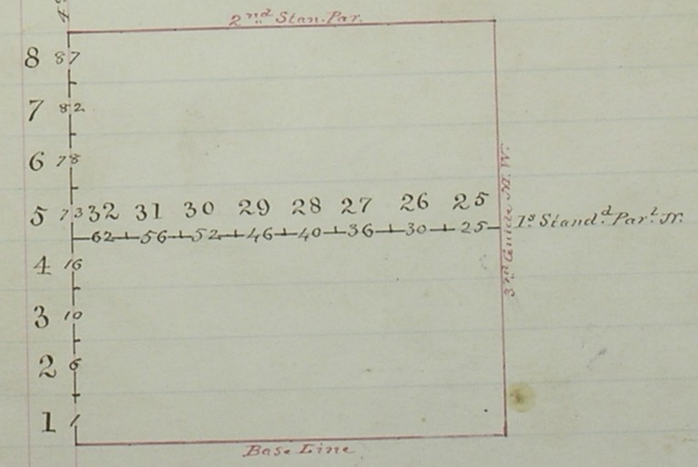
From Base Line to	Second Parallel	Wm. E. Daugherty
" Second Parallel to	4th Stand'd Parallel	Wm. J. Allason
" 4th Stand'd Par'l to	5th Stand'd Par'l	J. P. Park
" 5th " " to	7th " "	Geo. W. Fairfield
" 7th " " to	North Boundary	Robert Harvey

Ex. B. Standard Lines — W. E. & J. W. Daugherty — Contract 31. Nov. 23 and Special instruct. Sept. 1st 1869.

Survey of the 4th Guide Meridian, West from the Base line to the 1st Standard Parallel line North — Between Ranges 32 and 33 West of the 6th Principal Meridian, Nebraska

Commenced September 16th 1869
Finished September 17th 1869

By
William E. Daugherty
Deputy Surveyor



Tr. S.

4th G. M. Ts 1 to 4 & 1st S. P. Rs 25 to 32

Names of Assistants
John H. Steel
Herbert R. Wilcox } Chainmen
John L. Cardwell
Charles E. Rivers
John H. Butler
John W. Daugherty } Axeman

4th Guide Meridian West between Ranges 32 & 33 W.

Township No 1 North, Range 32 & 33 W.
North between Sections 31 and 36
Variation 13° 30' East

40.00 Set chained post in mound of Earth, with pits as per instructions for 1/4 Section corner

80.00 Set chained post with pits as per instructions in mound of Earth for corner to Sections 25 30 31 and 36
Surface gently rolling soil 2nd Rate

4th Guide Meridian West from Base line the 1st

North between Sections 25 and 30
Var 13' 30 East

~~21.00~~ ~~Creek 20 links wide runs East~~

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 19 24 25 and 30
Surface rolling soil 2nd Rate

Standard parallell North between Ranges 32 and 33 T. 1 N.

North between Sections 19 and 24
Variation 13° 30' East

21.00 Creek 20 links wide runs East

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 13 18 19 and 24
Surface rolling soil 2nd Rate

North between Sections 13 and 18
Variation 13' 30 East

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chared post in mound of Earth for corner to Sections with pits as per instructions for corner to Sections 7, 12, 13 and 18
Surface rolling soil 2nd Rate

4th Guide Meridian, West from Base line to the 1st

		North between Sections 7 and 12 Variation 13° 30' East
40.00		Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner
80.00		Set chared post in mound of Earth with pits as per instructions for corner to Sections 1, 6, 7 and 12 Surface rolling soil 2nd Rate

Standard parallell North between Ranges 32 and 33 W.

		North between Sections 1 and 6 Variation 13° 30 East
40.00		Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner
80.00		Set chared post in mound of Earth with pits as per instructions for corner to ~~Sections~~ Townships 1 and 2 North of Ranges 32 and 33 ~~East~~ West of the 6th P.M. Surface rolling soil 2nd Rate

4th Guide Meridian West from Base line to 1st Standard parallel

North between Sections 31 and 36
Variation 13' 30

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chained post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36
Surface rolling Soil 2nd Rate

North, Township No 2 North Ranges ~~33~~ 32 and ~~34~~ 33 West 6th PM

North between Sections 25 and 30
Variation 13' 30' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corner

80.00 Set chained post in mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30
Surface rolling Soil 2nd Rate

North between Sections 19 and 24
Variation 13' 30' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chained post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24
Surface rolling Soil 2nd Rate

4th Guide Meridian West from Base line to 1st Standard parallel

North between Sections 13 and 18
Variation 13° 30' East

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner

80.00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 7 12 13 and 18
Surface rolling Soil 2nd Rate

North, Township No 2 North of Ranges ~~33 and 34~~ 32 & 33 West

North between Sections 7 and 12
Variation 13° 30 East

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 1. 6. 7 & 12
Surface hilly Soil 2nd Rate

North between Sections 1 and 6
Variation 13° 30 East

1.00 Outer River bottom bears East and West

37.25 Road bears East and West

40.00 Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner

57.00 Right bank of Republican river runs S.E. and set chared post in mound of Earth with pits as per instructions for Meander Post

72.80 Gain left bank of Republican river and set chared post in mound of Earth with pits as per instructions for Meander corner

57
15.80

80.00 Set chared post in mound of Earth with pits as per instructions for corner to Townships 2 and 3 north Ranges 32 and 33 West
Surface level Soil 2nd Rate

September 16th 1869

4th Guide Meridian, West from Base line to 1st Standard parallel

North between Sections 31 and 36
Variation 13' 30' East

40.00 Set charred post in mound of Earth with pits as per instructions for 1/4 Sec corner

69.00 Leave Rim Both beans East and West

80.00 Set charred post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36

Surface ~~rolling~~ level Soil 2nd Rate

North, Townships No 2 North Ranges 32 and 33 West of 6th P.M.

North between Sections 25 and 30
Variation 13' 30' East

40.00 Set charred post in mound of Earth with pits as per instructions for 1/4 Sec corner

44.00 Enter deep ravine bears East and West

48.00 Leave Same bears Same, 4 chains wide

53.00 Enter deep ravine bears NW and SE

61.00 Leave Same bears Same

80.00 Set charred post in mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30

Surface rolling Soil 2nd Rate

4th Guide Meridian, West from Base line to the 1st Standard parallel

North between Sections 19 and 24
Variation 13° 30' East

11.00	Enter deep ravine bears East & West
19.00	Leave same bears same
40.00	Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corn
80.00	Set chared post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24
	Surface rolling Soil 2nd Rate

North, Township No 3 North of Ranges 32 and 33 West of 6th P.M.

North between Sections 13 and 18
Variation 13° 30' East

40.00	Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner
80.00	Set chared post in mound of Earth with pits as per instructions for corner to Sections 7, 12, 13 and 18
	Surface rolling Soil 2nd Rate

4th Guide Meridian West from Base line to 1st Standard parallel

North between Sections 7 and 12
Variation 13° 30' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corn.

80.00 Set chained post in mound of Earth with pits as per instructions for corns to Sections 1. 6. 7 and 12

Surface rolling Soil 2nd Rate

North Township 3 North Ranges 32 and 33 West of 6th P M

North between Sections 1 and 6
Variation 13° 30' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corn

80.00 Set chained post in mound of Earth with pits as per instructions for corns to ~~Sections~~ Townships 3 and 4 North of Ranges 32 and 33 West of 6th Principal Meridian

Surface rolling, soil second rate

4th Guide Meridian West from Baseline to 1st Standard parallel

North between Sections 31 and 36

Variation 13' 30' East

~~2.00~~ ~~Enter River Bottom~~

40.00 Set chased post in mound of Earth with +

+42.00 Enter River Bottom bears S.E. x N.W. N.W.

+pits as per instructions for 1/4 Sec corner

+80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36

Surface hilly Soil 2nd Rate

North, Township 4 North of Ranges 32 and 33 West of 6th P.M.

North between Sections 25 and 30

Variation 13' 30' East

22.00 To right bank of the White Mans fork of Republican river and Set chased post in mound of Earth with pits as per instructions for Meander corner

26.90 To Left bank of river and Set chased post in mound of Earth with pits as per instructions for Meander corner. River runs S.E.

40.00 Set chased post in mound of Earth with pits as per instructions for 1/4 Sec corner

40.30 Leave river bottom bears N.W. and S.E.

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30

Surface level Soil 2nd Rate

~~18~~

4th Guide Meridian, West from Base line to 1st Standard parallell

North between Sections 19 and 24

Variation 13° 30' East

40.00 Set chased post in mound of Earth with pits as per instructions for 1/4 Sec corner

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24

Surface rolling Soil 2nd Rate

~~19~~

North, Township No 4 North of Range No 32 and 33 West of 6th PM

North between Sections 13 and 18

Variation 13° 30' East

40.00 Set chased post in mound of Earth with pits as per instructions for 1/4 Sec corner

80.00 Set chased post in mound of Earth with with pits as per instructions for corner to Sections 7, 12, 13 and 18

Surface rolling Soil 2nd Rate

North between Sections 7 and 12

Variation 13° 30' East

40.00 Set chased post mound of Earth ~~7~~ with pits as per instructions for 1/4 Sec corner

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 1, 6, 7 and 12

Surface rolling Soil 2nd Rate

4th Guide Meridian West ~~Meridian~~ from Base line to 1st Standard

North between Sections 1 and 6
Variation 13° 30' East

4000 Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner

8000 Set chared post in mound of Earth with pits as per instructions for corner to Townships 4 North ~~and 5~~ making closing corner on ~~of~~ 1st Standard parallell North between Ranges 32 and 33 West

Surface level Soil good 2nd Rate
September 17th 1869

Parallell North Township No 4 North of Ranges 32 and 33 West of 6th P.M.

We hereby certify that we assisted William E Daugherty Deputy Surveyor in Surveying the 4th Guide Meridian West from the State line to the 1st Standard Parrallell North in Townships No 1, 2, 3 and 4 between Ranges 32 and 33 West of the 6th Principal Meridian State of Nebraska, and that said Survey 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

Jno. H. Steel
Herbert R Wilcox
John T Cardwell
Charles T. Rivers
} Chainmen

John H. Miller
John W. Daugherty
} Areman

Subscribed in my presence & sworn to before me this Oct 2nd 1869
R C Daugherty, Justice of the Peace in & for Lincoln Co. Neb.

I do hereby Certify that the above Named John W Daugherty Areman Subscribed and was Sworn to the above Report before me on this 6th day of Nov 1869 in the County of Cass & State of Nebraska James O'Neill Justice of the Peace in & for Cass County

I William E Daugherty Deputy Surveyor do solemnly swear that in pursuance of instructions from Robert R Livingston Surveyor General of the United States for Iowa and Nebraska dated the 1st day of September — 1869 & Contract No. 31 of Nov. 23. 1869 (nunc pro tunc) I have regularly surveyed and established the 4th Guide Meridian West from the State line to the 1st Standard Parallell north and that the foregoing ~~field notes~~ are the true and original field notes of such Survey

William E. Daugherty
Deputy Surveyor

The State of Nebraska
Douglas County ss } Personally appeared before me the undersigned a Notary Public in and for said County said William E Daugherty who ~~and~~ subscribed the above statement in my presence and swore to the same before me this 21st day of Oct A.D. 1869

C A Buldin
Notary Public
Douglas County
Douglas Neb

Between Ranges 32 and 33 Township 5 North —

Survey of the 4th Guide Meridian West Between Ranges 32 and 33 and Between the 1st & 2nd Standard Parallells North —

Commenced September 26th 1869
Finished September 27th 1869

By
William E. Daugherty

4th Guide Meridian

4th Guide Meridian West between the 1st and 2nd

Names of Assistants		
John H. Steel	Chainmen	
Herbert R. Wilcox		
John T. Cardwell		
Charles R. Rivers		
John H. Miller	Axeman	
John W. Daugherty		

4th Guide M. in T. 5 N

Standard Parallel North Between Ranges 32 and 33 West Township 5 North

	North between Sections 31 and 36
	Variation 13° 15' East
40.00	Set chased post in mound of Earth with pits as per instructions for 1/4 Section corner
80.00	Set chased post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36
	Surface gently rolling Soil 2d Rate

4th Guide Meridian, West Between ~~Sections~~ X 1st X 2nd Standards

North between Sections 25 and 30
Variation 13° 20' East

4,00 Set chased post in mound of Earth with pits as per instructions for 1/4 Section corner

8,00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30

Surface rolling Soil 2nd Rate

Parallels, North Township 5 North, Ranges 32 & 33 W. 6th P. M.

North between Sections 19 and 24
Variation 13° 15' East

23,50 Enter deep ravine bears East and West

34,30 Leave same bears same

4,00 Set chased post in mound of Earth with pits as per instructions for 1/4 Section corner

8,00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24

Surface rolling Soil 2nd Rate

North between Sections 13 and 18
Variation 13° 15' East

4,00 Set chased post in mound of Earth with pits as per instructions for 1/4 Sec corner

8,00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 7, 12, 13 & 18

Surface rolling Soil 2nd Rate

4th Guide Meridian West Between 1st and 2nd Standards

		North between Sections 7 and 12
		Variation 13° 20' East
	40.00	Set chained post in mound of Earth with
		pits as per instruction for 1/4 Section corner
	50.00	Enter deep ravine bears East & West
✓	68.00	Leave Same bears Same
	80.00	Set chained post in mound of Earth with
		pits as per instructions for corner to Sections
		5, 6, 7 and 12
		Surface rolling soil 2nd Rate

Parallell North - Township 8 North, R 32 & 33 W. 6th. P. M.

		North between Sections 1 and 6
		Variation 13° 20' East
	9.00	Road bears N & and S W
	40.00	Set chained post in mound of Earth with
		pits as per instructions for 1/4 Section corner
	80.00	Set chained post in mound of Earth with pits
		as per instructions for corner to Townships
		5 and 6 North Ranges 32 and 33 West
		Surface rolling soil 2nd Rate

4th Guide Meridian West Between 1st and 2nd Standard Parallel North, Township 6 North, R 32 & 33 W of 6th Pr. Mer.

North between Sections 31 and 36
Variation 13° 15' East

2.10	Enter Creek bottom bears NW & SE
22.10	Creek 15 links wide runs S & E skirted with cotton wood & Elm Timber
34.00	Leave Creek bottom bears NW & SE
40.00	Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner
80.00	Set chained post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36

Surface rolling soil 2nd Rate

North between Sections 25 and 30
Variation 13° 30' East

~~4.00~~	~~Set chained~~
40.00	Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corner
80.00	Set chained post in mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30

Surface ~~rolling~~ hilly soil 3rd Rate

North between Sections 19 and 24
Variation 13° 20' East

40.00	Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corner
73.00	Enter deep ravine bears East & West
80.00	Set chained post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24

Surface rolling soil 2nd Rate

4th Guide Meridian West Between ~~Sections 13 and 8~~ 1st and 2d

North between Sections 13 and 18
Variation 13° 15' East

1250 Leave deep ravine bears East & west

40,00 Set chared post in mound of Earth pits as per instructions for 1/4 Sec corner

80,00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 7, 12, 13 & 18
Surface rolling soil 2nd Rate

North between Sections 7 and 12
Variation 13° 15' East

40,00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80,00 Set chared post in mound of Earth with pits as per instructions for corner to Sections 1, 6, 7 and 12
Surface rolling soil 2nd Rate

Standard Parallell North - Township 6 North, R 32 & 33 W. 6th P.M.

North between Sections 1 and 6
Variation 13° 15' East

40,00 Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner

80,00 Set chared post in mound of Earth with pits as per instructions for corner to Townships 6 and 7 Ranges 32 and 33 West
Surface rolling soil 2nd Rate
September 26th 1869

82

4th Guide Meridian West Between 1st and 2nd Standard

(Red) T. 7 N.

North between Sections 31 and 36
Variation 13° 10' East

—50	Enter deep ravine bears N W & S E
15.50	Leave same bears same
40.00	Set chared post in mound of Earth with pits as per instructions for 1/4 Sec corner
48.00	Enter deep ravine bears N E and S W
66.00	Leave same bears same
80.00	Set chared post in mound of Earth with pits as per instructions for corner to Sections 25 30 31 and 36

Surface ~~rolling~~ hilly soil 2nd Rate

83

Parallell North Township No 7 North R. 32 & 33 W. 6th P. M.

North between Sections 25 and 30
Variation 13° 10' East

40.00	Set chared post in mound of Earth with pits as per instructions for 1/4 Section corner
80.00	Set chared post in mound of Earth with pits as per instructions for corner of Sections 19, 24, 25 and 30

Surface rolling soil 2nd Rate

4th Guide Meridian West Between 1st and 2nd Standard Parallels

		North between Sections 19 and 24
		Variation 13° 10' East
	40.00	Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner
	68.00	Enter deep ravine bears East & West
	79.75	Leave same bears same
	80.00	Set chained post in mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24
		Surface rolling Soil 2nd Rate

North — Township 7 North, R. 32 & 33 W. of 6th P. M.

		North between Sections 13 and 18
		Variation 13° 15' East
	40.00	Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner
	80.00	Set chained post in mound of Earth with pits as per instructions for corner to Sections 7, 12, 13 and 18
		Surface hilly and Broken
		Soil 3rd Rate

4th Guide Meridian, West Between 1st and 2nd Standard Parallels

North between Sections 7 and 12
Variation 13° 15' East

40.00 Set chased post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 1, 6, 7, and 12
Surface hilly and Broken
Soil 3rd Rate

North between Sections 1 and 6
Variation 13° 15' East

40.00 Set chased post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Townships 7 and 8 North Ranges 32 and 33 West
Surface hilly and Broken

September 27 1869
William E. Daugherty
Deputy Surveyor

North — Township 8 North, R. 32 & 33 W. of 6th P. M.

North between Sections ~~1 and 6~~ 31 and 36
Variation 13° 15' East

40.00 Set chased post in mound of Earth with pits as per instructions for ~~corner~~ 1/4 Sec cor

80.00 Set chased post in mound of Earth with pits as per instructions for corner to Sections 25, 30, 31 and 36
Surface broken and hilly Soil 3rd Rate

4th Guide Meridian West Between 1st and 2nd Standard Parallel

North between Sections 25 and 30
Variation 13° 10' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chained post in Mound of Earth with pits as per instructions for corner to Sections 19, 24, 25 and 30

Surface Broken and hilly
Soil 3rd Rate

North between Sections 19 and 24
Variation 13° 10' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corner

80.00 Set chained post in Mound of Earth with pits as per instructions for corner to Sections 13, 18, 19 and 24

Surface Broken and hilly
Soil 3rd Rate

North Townships 8 North, R. 32 & 33 W of 6th Pr. Mer.

North between Sections 13 and 18
Variation 13° 10' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corner

80.00 Set chained post in mound of Earth pits as per instructions for corner to Sections 7, 12, 13 and 18

Surface Broken and hilly
Soil 3rd Rate

4th Guide Meridian, West Between 1st and 2nd Standard Parallels

North between Sections 7 and 12
Variation 13° 10' East

40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Sec corn

80.00 Set chained post in mound of Earth with pits as per instructions for corn to Sections 1, 6, 7 and 12
Surface very Broken & Hilly Soil 3rd Rate

North — Township 8 North, R. 32 & 33 W. of 6th P. M.

North between Sections 1 and 6
Variation 13° 5' East

40.00 40.00 Set chained post in mound of Earth with pits as per instructions for 1/4 Section corn

42.00 Enter "Willow Creek" bottom bears N.W. and E.

89.45 Intersect the 2nd Standard Parallel North 12,47 chains West of corner to Sections 31 and 32 Township 9 North of Range 32 West and Set chained post in mound of Earth with pits as per instructions for closing corner to Sections 1 and 6 & T. 8 N. R. 32 & 33 W.
Surface South 1/2 mile Broken and hilly Soil 3rd Rate North 1/2 mile level Soil 2nd Rate
September 27th 1869

4th Guide Meridian West Between ~~Sections~~ 1st and 2nd Standard Parallels

A list of the names of the individuals employed to assist in mining the lines described in the foregoing field notes showing the respective capacities in which they acted

John H. Steel
Herbert R. Wilcox
John T. Cardwell
Charles R. Rivers
} Chainmen

John H. Miller
John W. Daugherty
} Axeman

North Township 8 North, R. 32 & 33 W. 6th P. M.

We hereby certify that we assisted William E. Daugherty Deputy Surveyor in Surveying the 4th Guide Meridian W. between the 1st and 2nd Standard Parallels N. in Township ~~4~~ 5. 6 and 7 & 8 between Ranges 32 and 33 West of the 6th Principal Meridian in the State of Nebraska and that said Survey 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

Jno. H. Steel
Herbert R. Wilcox
John T. Cardwell
Charles R. Rivers
} Chainmen

John H. Miller
John W. Daugherty
} Axeman

Subscribed and sworn to before me this Oct 2nd 1869

R. E. Daugherty
Justice of the Peace in & for Lincoln Co. Neb.

I do hereby Certify that the above Named John W. Daugherty Axeman Was Sworn to and Subscribed the above Report on this 6th day of Nov 1869 in Cass County & State of Nebraska

James O'Neill Justice of the peace in and for Cass County, Nebraska

I William E Daugherty Deputy Surveyor do solemnly swear that in pursuance of instructions issued to me by Robert R Livingston Surveyor General of the United States for Iowa and Nebraska bearing date the 1st day of September 1869 & Contract No. 31 of Nov. 23. 1869 (Same pro tunc) That I have regularly surveyed and established according to the laws of the United States and the instructions of the Surveyor General the 4th Guide Meridian West between the 1st and 2nd Standard Parallels North and that the foregoing are the true and original field notes of such survey

William E Daugherty
Deputy Surveyor

State of Nebraska }
Douglas County } Personally appeared before me, said William E Daugherty and subscribed the above statement in my presence and sworn that the facts stated therein are true, before me

C. W. Baldwin
Notary Public
Douglas Co
Neb

NOTARIAL SEAL DOUGLAS COUNTY NEB

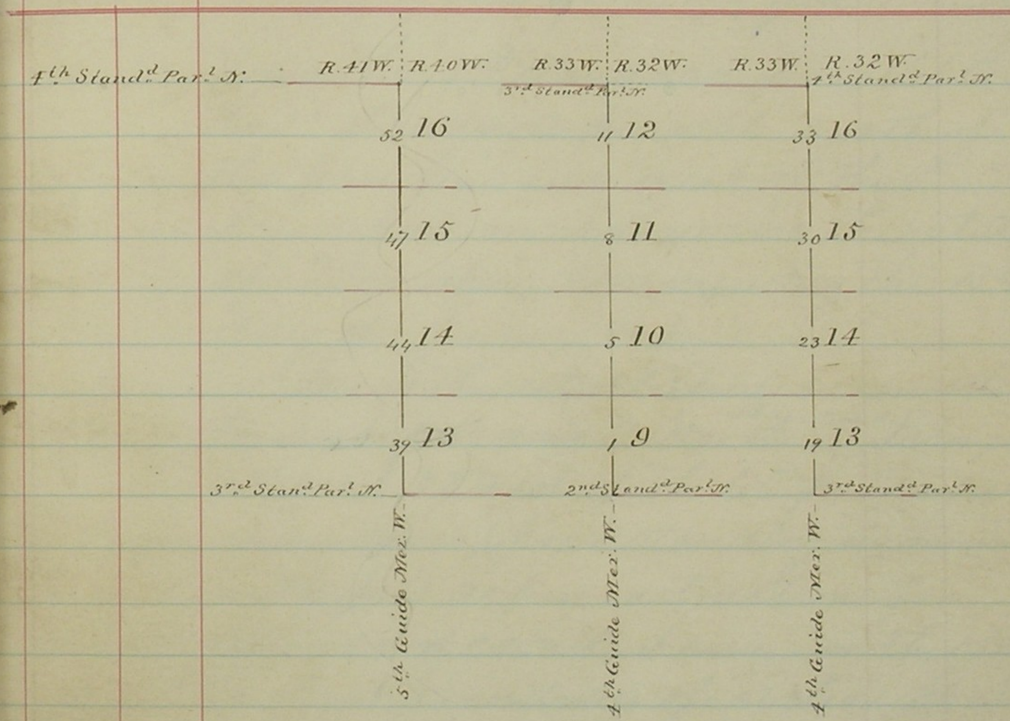
Surveyor General's Office
Plattsmouth Neb. January 15th 1870

The foregoing field notes of the survey of the 4th Guide Meridian West from the Base Line to the 1st Standard Parallel North, between Ranges 32 & 33 West, and of the 1st Standard Parallel North between the 3d & 4th Guide Meridians West and between Townships 4 & 5 North, and the 4th Guide Meridian West between Ranges 32 & 33 W. and between the 1st and 2nd Standard Parallels North – all West of the 6th Principal Meridian in the State of Nebraska, executed by William E. Daugherty in pursuance of instructions dated Sept. 1st 1869. & Contract No. 31. of Nov. 23d 1869 (Same pro tunc) in the month of September 1869. having been critically examined, the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved.

Robt. R. Livingston
Surveyor General.

No. 2.

Ex. B.



Guide Meridians West.

Wm. J. Allason,

Contract 17, April 29, 1869.

Plat B.

Field Notes of the 4th guide meridian from the 2d standard parallel to the 3d standard parallel. north of the base line and west of the 6th principal meridian in the state of Nebraska commencing the 15th day of June 1869

From the established corner to township ~~8 and~~ 9 North, standard Ranges 32 and 33 West of the 6th principal meridian, (post standing in mound with pits as per instructions for standard corner) I run north along the East boundary of section 36 at a variation of 14°. 05' East by Burts improved solar compass

32	00	Enter creek bottom bears North West and South east
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor to sections 25, 36, 30 and 31, land 32 chains hilly and 3d rate, 48 chains level 2d rate.

North along the East boundary of sec. 25 Var. 14° 05' East

18 20 Willow creek 8 links wide 6 inches deep course South east

38 00 Lone creek bottom bears North west and south east

40 00 Set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 24, 25, 19 and 30

Land ~~38 chains~~ level 2d rate 42 Chains rolling and sandy 3d rate.

North along the east boundary of sec. 24 Var. 14° 00' East

40 00 Set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 Set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 13, 24, 18 and 19. Land rolling 3d

North along the east boundary of sec. 13 Var. 14° 10' East

40 00 Set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 Set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 12, 13, 7 and 18.

Land Rolling prairie sandy 3d rate.

North along the East boundary of sec. 12 Var. 14° 12' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1, 12, 6 and 7.

Land rolling and sandy 3d rate.

Between Ranges 32 and 33 West Townships 9 North

North along the east boundary of sec. 1 Va 14° 10' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1. 6. 31 & 36 also cor. to Townships 9 and 10 North R. 32 and Range 33 West

Land rolling and sandy 3d rate.

Between ranges 32 and 33 West Townships 10 North.

North along the East boundary of sec. 36 Va 14° 15' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 36. 25. 30 and 31.

Land rolling and sandy 3d rate.

North along the East boundary of sec 25 Va 14° 20' East.

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instruction for cor. to secs. 24, 25, 19 and 30

Land rolling and 3d rate.

Between Ranges 32 and 33 West. Township 10 North

North along the East boundary of sec. 24 Vs 14° 27' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instruction for cor. to secs. 13, 24, 18 and 19.

Land rolling soil 3d rate sandy

North along the East boundary of sec. 13 Vs 14° 36' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of of earth with pits as per instructions for cor. to secs. 12, 13, 7 & 18.

Land rolling and sandy 3d rate

Between Ranges 32 and 33 West Township 10 North

North along the East boundary of sec. 12. Vs 14° 23' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor to secs. 1, 12, 6 and 7.

Land rolling prairie 3d rate.

North along the East boundary of sec. 1 Vs 14° 15' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instruction for cor. to secs. 36, 31, 1 and 6 also for cor. to Townships 10 and 11 North Range 32 and 33 West.

Land rolling prairie 3d rate soil.

June 15th 1869

Between Ranges 32 and 33 West Township 11 North

		North along the East boundary of section 36 Va. 14° 10' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 25, 36, 30 and 31.
		Land rolling prairie and hilly 3d rate
		North along the East boundary of sec. 25 Va. 14° 05' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instruction for cor to secs 24, 25, 19 and 30.
		Land rolling and hilly 3d rate.

Between Ranges 32 and 33 West Township 11 North

		North along the East boundary of section 24 Va. 14° 10' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 13, 24, 18 and 19
		Land rolling and hilly 3d rate
		North along the East boundary of sec. 13 Va. 14° 17' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor to sections 12, 13, 7 and 18.
		Land rolling and hilly 3d rate. sandy soil

Between Ranges 32 and 33 West Township 11 North

		North along the East boundary of section 12 Va 14° 12' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 1, 12, 6 and 7. Land rolling and hilly 3d rate and sandy
		North along the East boundary of sec. 1 Va 14° 15' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec, cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1.6, 36 and 31 and Cor to Townships 11 and 12 North Ranges 32 and 33 West. Land rolling hilly and 3d rate sandy

Between Ranges 32 and 33 West Township 12 North.

		North along the East boundary of sec. 36 Va 14° 18' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor to sections 36, 25, 30 and 31. Land rolling and hilly, sandy and 3d rate.
		North along the East boundary of sec. 25 Va 14° 16' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instruction for 1/4 sec cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 24, 25, 19 and 30. Land rolling 3d rate sandy.

Between Ranges 32 and 33 West Township 12 North

North along the east boundary of sec. 24 Va. 14° 02' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 13, 24, 18 and 19

Land rolling slightly hilly 3d rate

North along the East boundary of section 13 Va. 13° 56' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 12, 13, 7 and 18

Land rolling and hilly, sandy and 3d

Between Ranges 32 and 33 West Township 12 North

North along the East boundary of sec. 12 Va. 13° 52' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1, 12, 6 and 7.

Land rolling hilly and 3d rate

North along the East boundary of section 1 Va. 13° 48' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to sections 1 and 6 also for a closing corner between Ranges 32 and 33 W. T. 12 N. on the 3d standard parallel N. Land rolling 3d rate.

From the established closing corner on the 3d standard parallel between ranges 32 and 33 West 512 n. I run West on an offset line for the convergency between the closing corner and the standard corner of the 4th guide meridian on the 3d standard parallel. Va. 13°50' East

39 88 set temporary post for 1/4 sec. cor. on standard line

79 88 set temporary post for standard corner to Townships ~~12 and~~ 13 North Range 32 and 33 west.

Land rolling sandy and 3d rate.

June 16th 1869.

General Description of the 4th guide meridian from the 2d to the 3d standard parallel and thence on offset 79.88 Chains West

With the exception of the bottom land along Willow Creek, the country through

General Description (continued)

which the line passes is a rolling and sometimes slightly hilly tract. The soil is mostly sand and is unfit for cultivation covered with a thin growth of spear grass and occasional patches of buffalo grass in the hollows or sinks. The country is without drains or ravines. The rain running into sinks or hollows.

No wood or water is to be found except what water there is in Willow creek.

Field Notes

Of

Survey of the 4th Guide Meridian West

from the

3rd " to the 4th Standard Parallel N.

By

William J. Allason Deputy Surveyor

1869

Survey Commenced July 12th 1869

Survey Completed July 13th - 1869

18

Title Page missing

Field Notes of the 4th Guide Meridian

from the 3d standard parallel to the 4th standard parallel, North of the base line and west of the 6th principal Meridian in the state of Nebraska commencing the 10th day of July 1869.

From the established standard corner to Township ~~12 and~~ 13 North Range 32 and 33 West of the 6th principal Meridian (post standing in mound with pits as per instructions for standard corner) I run North along the East boundary of sec. 36

variation of 13°47' East by Burts improved solar compass.

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 31. 36, 25 and 30.

Land rolling and 3d rate.

North along the East boundary of sec. 25 Va 13°44' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 24, 25, 19 and 30.

Land Rolling sandy 3d rate.

North along the East boundary of sec. 24 Va 13°37' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 13, 24, 18 and 19.

Land rolling sandy 3d rate.

North along the East boundary of sec. 13 Va 13°35' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 12, 13, 7, and 18.

Land rolling sandy and 3d rate.

North along the East boundary of sec. 12 Va 13°36' East.

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1, 6, 7 and 12.

Land rolling sandy and 3d rate

Between Ranges 32 and 33 W. T. 13th North.

North along the East boundary of sec. 1 Va. 13° 33' East.

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor to secs. 1. 6. 31 and 36 also for cor to Townships 13 and 14 North Ranges 32 and 33 West. Land rolling sandy 3d rate.

Between Ranges 32 and 33 West T. 14 North.

North along the East boundary of sec. 36 Va. 13° 38' East

4 00 Road and foot of bluffs course of road East and west bluffs bear East and West.

19 50 center of creek 50 links wide and 10 inches deep course East entire bottom

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 36. 31. 30 and 25. Land level soil 1st rate.

North along the East boundary of sec. 25 Va. 13° 36' East.

2.85 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to fractional secs. 25 and 30 on the right bank of South Platte River

Between Ranges 32 and 33 W. T. 14 North

I now cause my flag to be set on the left bank of the river and in the line along the East boundary of sec. 25. From the above corner I run West 5.00 chains to a point from which the flag on the left bank of the river bears North 9°31' East. continue the base West to a point 10. chains from the post on the right bank of the river from which the flag bears North 18°32' East which gives by calculation as the mean result of the two observations for the distance across the river on the line between secs. 30 and 25. 29.8273 or 29.83 nearest chains which added to 2.85 gives

32 68 to the flag on the left bank of the river. I here set a post deposit charred stake and raised mound of earth with pits as per instructions for cor to fractional secs. 25 and 30.

40 00 set post deposit charred stake and raised mound of earth with

Between Ranges 32 and 33 W. Township 14 North.

pits as per instructions for 1/4 sec. cor.

60 31 Center of U. P. R R^d Course East and West. nearly.

61 00 Wagon road course along the Rail Road East and West.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 24. 25. 19 and 30°. Land level soil 1st rate.

July 11th 1869

North along the East boundary of sec. 24 Va 13°46' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

64 00 Wagon Road course East & West.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 13, 24, 18 and 19. Land level 1st rate.

Between Ranges 32 and 33 West Township 14 North

North along the East boundary of sec. 13 Va 13°45' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 12, 13, 7 and 18.

Land level 2d rate. good farming land

North along the East boundary of sec. 12 Va 13°45' East

37 85 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to fractional secs. 7 and 12. on the right bank of the south channel of North Platte River.

The water being shallow in this channel I chain across and at

⊗40. 00 — 1/4 section corner in River cannot be established

47 05 the whole distance to the left bank of the

Between Ranges 32 and 33 W. T. 14 North.

S channel of N. Platte R. I set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to fractional secs. 7 and 12.

⊗ ~~(Note) the point for 1/4 sec. cor. falling in the river cannot therefore be established.~~

62 63 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to fractional secs. 7 and 12, on the right bank of the North Channel of North Platte River.

I now cause my flag to be set on the line, on the left bank of the river.

From the post on the right bank I run a base West 5. chains to a point from which the flag bears N. 9° 05' E. continue the base West to a point 10. chains West of the corner on the river bank

from which the flag bears N. 17°44' E.
which gives by calculation as the
mean result of the two observations
for the distance across the river
on the line 31.27 or 31.27280 chains which
added to 62.63 chains gives 93.90
chains the distance to the flag on
the left bank of the North Channel
of North Platte River course East.

80.00 The ~~post for~~ cor. to secs. 1, 12, 6 and
7 falling in the river therefore
cannot be established.
Land level 1st rate.

Begin at the left bank of North
Platte River on the East boundary
of sec. 1 and run North
Va. 13°55' East
80. chains from 93.90 leaves
13 90 to the left bank of North Platte river where
I set in the place of the flag
a post raised mound of earth
with pits as per instructions for
cor. to fractional secs 1 and 6.

19 20 Wagon Road course East & West
40 00 set post deposit charred stake
and raised mound of earth
with pits as per instructions
for 1/4 sec. cor.
80 00 set post deposit charred
stake and raised mound
of earth with pits as per
instructions for cor. to secs.
1, 6, 31 and 36 also for corner
to Townships 14 and 15 North
R 32 and 33 West
Land level 2d rate good for
farming a little sandy.
July 12th 1869.

Between Ranges 32 and 33 West T. 15 North.

North along the east boundary of sec. 36 Va 13° 57' East

10 00 foot of bluffs bears East & West. leave bottom

40 00 set post deposit charred stake and raised mound of earth with pits as per instruction for 1/4 sec cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor to secs 30, 31. 36 and 25.

Land rolling hilly and 3d rate.

North along the East boundary of sec. 25 Va 13° 55 East

40 00 set post deposit charred stake and raised mound of earth with pits as per instruction for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instruction for cor. to secs. 24. 25. 19 and 30.

Land rolling and sandy 3d rate.

Between Ranges 32 and 33 West. Township 15 North

North along the East boundary of sec. 24 Va 13° 54' East.

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor to secs. 13. 24. 18 and 19.

Land rolling and sandy 3d rate.

North along the East boundary of sec. 13 Va 13° 56' East.

40 00 set post deposit charred stake and raised mound of earth with pits as per instruction for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 12. 13. 7 and 18.

Land rolling and 3d rate.

Between Ranges 32 and 33 West T. 15 North.

		North along the East boundary of sec. 12 Va. 13° 54' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1. 12. 6 and 7.
		Land rolling sandy 3d rate.
		North along the East boundary of sec. 1 Va. 13° 55' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor to secs. 1. 6. 31 and 36 also for cor. to T. 15 and 16 N. R. 32 & 33 W.
		Land rolling prairie 3d rate.

Between Ranges 32 and 33 West Township 16 North

		North along the East boundary of sec. 36 Va. 13° 57' East.
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 30. 31. 36 and 25.
		Land rolling hilly. 3d rate
		North along the East boundary of sec. 25 Va. 13° 52' East
40	00	set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
80	00	set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 24. 25. 19 and 30.
		Land rolling hilly sandy & 3d rate.

North along the East boundary of sec. 24 Va. 13°46' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 13, 24, ~~18~~ and 19. Land rolling, hilly, sandy and 3d rate soil —

North along the East boundary of sec. 13 Va. 13°44' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 12, 13, 7 and 18. Land hilly sandy and 3d rate.

North along the East boundary of sec. 12 Va. 13°45' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1, ~~12~~ 6, 7 and ~~18~~ 12. Land hilly sandy and 3d rate.

North along the East boundary of sec 1 Va. 13°46' East

40 00 set post deposit charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80 00 set post deposit charred stake and raised mound of earth with pits as per instructions for cor. to secs. 1, 6, 31 and 36 also

Closing cor. to Township 16 ~~and 17~~ North Ranges 32 and 33 West

Land hilly 3d rate

From the established closing cor to Townships 16 ~~and 17~~ N. R. 32 and 33 W. I run West on an offset line for the convergency between the closing corner and the standard corner of the 4th Guide Meridian on the 4th standard parallel

Va 13°.40' East

00 96 set temporary post for standard cor to secs. 31 and 32.

Land ~~2~~ 3d rate hilly.

West along the south boundary of sec 31 Va 13° 40' East

40 00 set temporary post for standard 1/4 sec. cor.

80 00 set temporary post for standard cor to secs. 31 and 36 also for cor to Townships ~~16 and~~ 17 North Range 32 and 33 West, point of 4th Guide Mer. being the 5th [illegible]

Land hilly 3d rate. sandy.

July 12th 1869

General Description

of the 4th Guide Meridian from the 3d to the 4th Standard parallels and thence on an offset 80.96 chains West

The meridian line running through township 13 North is over a rolling sandy tract without wood or water and is not favorable to farming purposes. Thence the line through Township 14 North extends through the Platte Valley the land is level and mostly 1st rate soil good for farming. Thence through townships 15 and 16 North and through the distance of the offset line West 80.96 chains is rolling and hilly sandy, and 3d rate, and not favorable to farming

The Platte Rivers are not navigable; have a quick sand bottom and are without wood along their banks at their intersection with this meridian.

38

Certificate missing

4th to 5th Standard missing.

Exd S.

Field Notes
of
The Survey of the Fourth Guide Mer. West, from the 4th to the 5th Standard Parallel North in
Nebraska
Executed by J B Park deputy Surveyor under their joint contract number ~~52~~ 53 dated May 10th 1872, wherein J B Park and H C Campbell are joint contractors with E. E. Cunningham Surveyor General

List of Names.
of assistants, showing the respective capacities in which they acted.

C D Wightman Chainman H McBroom Axemen or
Walter Campbell " Chas. Barothy Mounder
B B Unthank " A E Huntington Flagman
A Lowell

Survey
Commenced July 18th 1872
Completed " 14th 1872

Fourth Guide Meridian W. Township 17 N.

Chains	Lks	
		From the post the established corner on the 4th Standard Parallel N. to Townships 17 N. Ranges 32 and 33 W. I run North on true line between Sections 31 and 36
		Variation 13° 15' 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 Stake raised mound of earth with pits as per instructions for a Corner to Sections 25, 30 31, 36
		Land Land hills
		Soil 3rd rate

Fourth Guide Meridian West Township 17 North

Chains	Lks	
		North on true line between Sections 25 and 30
		Variation 13° 15' 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 19 24, 25, 30
		Land Sand hills
		Soil 3rd rate

Fourth Guide Meridian West Township 17 North.

Chains	Lks.	
		North on true line between Sections 19 and 24
		Variation 13° 15' 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

Fourth Guide Meridian West Township 17 North.

Chains	Lks.	
		North on true line between Secs. 7 and 18
		Variation 13° 15' 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 7, 12, 13, 18
		Land Sand hills.
		Soil 3rd rate

Fourth Guide Meridian West Township 17 North.

chains lks North on true line between
Sections 7 and 12
Variation 13° 15' 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

Fourth Guide Meridian West Township 17 North.

chains lks Between Sections 1 and 6
North on true line
Variation 13° 15' 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 1, 6.
31, 36. Also to Townships 17
18 North Ranges 32, 33 West
Land Sand hills
Soil Good rate.

Fourth Guide Meridian West Township 18 North

Chains lks Between Sections 31 and 36
North on true line
Variation 13° 15' 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 corner to Sections 25, 30, 31, 36
Land Sand hills
Soil Sand rate.

Fourth Guide Meridian West Township 18 North

Chains lks Between Sections 25 and 30
North on true line
Variation 13° 15' 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 Sand rate

Fourth Guide Meridian West. Township 18 North

Chains	Lks	
		Between Sections 19 and 24 North on true line Variation 13° 15' 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. 13, 18, 19, 24
		Land Sand hills
		Soil 3rd rate.

Fourth Guide Meridian West Township 18 North

Chains	Lks	
		Between Sections 13 and 18 North on true line Variation 13° 15' 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 3rd rate

Fourth Guide Meridian West Township 18 North

Chains	Lks.	
		Between Sections 7 and 12
		North on true line
		Variation 13° 15' 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 1, 6, 7, 12
		Land Sand hills
		Soil Sandy

Fourth Guide Meridian West Township 18 North

Chains	Lks.	
		Between Sections 1 and 6
		North on true line
		Variation 13° 15' E.
40	~~50~~ 00	Set post deposit charred Stake raised mound of earth ~~with~~ with pits as per instructions for a 1/4 Sec. Cor.
80	00	Set post deposit charred Stake raised mound of earth with with pits as per instructions for a corner to Secs. 1, 6, 31, 36, also to Townships 18, 19 N. Ranges 32 & 33 W.
		Land Sand hills
		Soil Sandy

July 13th 1872

Tested measuring chain with Standard and found it correct

Fourth Guide Meridian West Township 19 North

Chains	lks	
		North left true line Between Sections 31 and 36
		Variation 13° 15' 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 3rd rate

Fourth Guide Meridian Meridian West Township 19 North

Chains	lks	
		Between Secs 25 and 30
		North on true line
		Variation 13° 15' 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, 24, 25, 30
		Land Sand hills
		Soil 3rd rate

Fourth Guide Meridian West Township 19 North

Chains lks Between Sections 19 and 24
North on true line
Variation 13°15' 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 Sandy

Fourth Guide Meridian West Township 19 North

Chains lks Between Sections 13 and 18
North on true line
Variation 13° 15' E.
40 00 Set post deposit charred
Stake raised mound of
earth with pits as per instr=
uctions 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 Sandy

July 13th 1872

Fourth ~~Guide~~ Meridian West Township 19 North

Chains	lks	
		Between Sections 7 and 12 North on true line Variation 13° 15' 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 1, 6, 7, 12
		Land Sand hills
		Soil 3rd rate

Fourth Guide Meridian West Township 19 North

Chains	lks	
		Between Sections 1 and 6 North on true line Variation 13° 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 Secs. 1, 6, 31, 36 also to Townships 19, 20 N. Ranges 32, 33 W.
		Land Sand hills
		Soil 3rd rate.

Fourth Guide Meridian West, Township 20 North

Chains Lks. Between Sections 31 and 36
North on true line
Variation 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 31 and 36, 25, 30
Land Sand mixed with marl
Soil 2nd rate

Fourth Guide Meridian West, Township 20 North

Chains Lks. Between Sections 25 and 30
North on true line
Variation 13° 23' 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, 31, 36
Land Sand Hills
Soil Sand & marl 2nd rate

Fourth Guide Meridian West Township 20 North.

Chains	Lks	
		Between Sections 19 and 24 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 ¼ 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 hilly Soil Sand & marl 2nd rate

Fourth Guide Meridian West Township 20 North

Chains	Lks	
		Between Sections 13 and 18 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 ¼ Section 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 Sand & Marl 3rd rate.

Fourth Guide Meridian West Township 20 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 Sections 1, 6, 7, 12
		Land hilly
		Soil Sandy and Marl 2nd rate

Fourth Guide Meridian W. Township 20 N.

Chains	Lks	
		Between Secs. 1 and 6 Var. 13° 25' E.
		North on true line
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 Ranges 32 and 33 W. on the 5th Standard Parallel North. also to Secs. 1 and 6.
		Land hilly
		Soil Sand and marl 2nd rate

July 14th 1872

Tested and corrected chains with Standard

116

Fourth Guide Meridian W. Township 20 N. 116

General Description

This line runs through Land hills the whole distance. The Soil is Sand covered with thin tall grass. Is 3rd rate and not fit for Settlement or cultivation

We hereby certify that we assisted J. B. Park Deputy Surveyor in Surveying the Fourth Guide Meridian West from the 4th to the 5th 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. Unthank	Chainman
A. Cowell	Chainman
H. McBroom	Axeman or
Chs Barothy	Moundmen
A. E. Huntington	

State of Nebraska
Lincoln County } ss.

Subscribed and Sworn to before me this 16th day of August 1872

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

117 ~~161~~ 115

List of Names

The following is a list of the names of individuals employed to assist J. B. Park Depty Surveyor in running measuring or making the lines and and corners described in the foregoing field notes of the 4th Guide Mer. W. from the 4th to the 5 Standard Parallel North. Showing the respective capacities in which they acted

C. D. Whitman	Chainman
Walter Campbell	Chainman
B. B. Unthank	Chainman
A. Cowle	Chainman
H. McBroom	Axeman or
Chas Barothy	Moundmen
A. E. Huntington	Flagman

~~164~~ 118

I J. B. Park deputy Surveyor do solemnly swear that in pursuance of a joint contract, wherein J B Park and H L 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 the 4th Guide Meridian West from the 4th to the 5th Standard Parallel North in Nebraska as are ~~laid down~~ in 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 Depty Surveyor

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

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

Surveyor General's Office
Plattsmouth Jany 15th 1872

The foregoing Field Notes of the Survey of the Fourth 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 Wherein J. B. Park and H. C. Campbell are joint Contractors in the Month of July 1872, having been Critically Examined, the necessary Corrections and Explanations made, the said Field Notes and Surveys they describe are hereby approved.

E. E. Cunningham
Surveyor General

EXD. SCH.
PLAT S. S.

Field Notes
of the
Survey of the 4th Guide Meridian
between
The 5th & 7th Standard Pls
In
Nebraska

Executed
By George W. Fairfield deputy Surveyor under Contract 80 dated July 2d 1874

Survey
Commenced July 13th 1874
Completed August 29th 1874

List of names
A list of assistants employed in Establishing said Guide Meridian
A. Cunningham Chainman Peter Reesberg
W. H. Gingery " Henry Kirkham Mounduman
Joseph Fairfield "
Z. Morgan " George Bronger Magnuman

Fourth Guide Meridian West between 5th & 6th Std Pds
Township No 21

	From the Corto Ranges 32 & 33 the 6th initial point of the 4th Guide Meridian on the 5th Standard Pl. North & run
	North on true line between Secs 31 & 36 Variation by 1 Burts improved Solar Compass 14° 05' East
40.00	Set post 2 × 3 in × 4 ft. 1 ft deep deposit charred Stake raised Mound 2½ ft high from pits 18 × 24 × 12 for 1/4 sec cor
55.00	Leave Valley enter Sand hills E & W
80.00	Set post 3 × 3 in × 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high from pits 18 × 24 × 12 in for cor to Secs 25. 30. 31. & 36
	Land 1st 55 chains Valley remainder broken Soil 3 Vate

Fourth Guide Meridian West Township 21 North
Bet 5th & 6th Std Rds

	North on true line Bet Secs 25 & 30 Va 14" & 5' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high from pits 18 x 24 x 12 in for cor to secs 19. 24. 25 & 30
	Land Sand hills 3rd rate

Fourth Guide Meridian West Township 21 North
Bet 5th & 6th Std Rds.

	North on true line Bet Secs 19 & 24 Va 14" & 5' East
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft in ground deposited charred stake raised Mound 3 ft high from pits for cor to secs 13. 18. 19 & 24
	Land Sand hills 3rd rate
	July 13th 1874

Fourth Guide Meridian West Township 21 N
Bet 5th & 6th Std. Ills

	North on true line bet Secs. 13 & 18
	Va 14° 05' E
40.00	Set post 2 × 3 in × 4 ft. 1 ft deep deposited
	charred stake raised Mound
	2 1/2 ft high from pits 18 × 24 × 12 in
	for gr sec cor
80.00	Enter Valley E & W. & here
	Set post 3 in × 3 in × 4 ft. 1 ft deep deposit
	charred stake raised Mound
	3 ft high from pits 18 × 24 × 12 in
	for cor to secs. 7. 12. 13 & 18
	Land Sand hills 3 rate

Fourth Guide Meridian West Township 21 N
Bet 5th & 6th Std Ills

	North on true line bet Secs. 7 & 12
	Va 14° 06' E
10.00	~~Leave~~ Valley ~~Enter Sand hills~~ E & W.
40.00	Set post 2 × 3 in × 4 ft. 1 ft deep deposit
	charred stake raised Mound
	2 1/2 ft high from pits 18 × 24 × 12 in
	for gr sec cor
80.00	Set post 3 in × 3 in × 4 ft. 1 ft deep deposit
	charred stake raised Mound
	3 ft high from pits 18 × 24 × 12 in
	for cor to secs. 1. 6. 7 & 12
	Land Sand hills 3 rate

Fourth Guide Meridian West. Township 21
1 Bet 5th & 6th Std. Pls N

	North on true line bet Secs 1 & 6. Va 14° 0.6' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited charred stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for cor to sec 1. 6. 31 & 36. also Townships 21 & 22 N Ranges 32 & 33 West
	Land Land hills Z rate

Fourth Guide Meridian West. Township 22 N
1 Bet 5th & 6th Stds Pls

	North on true line bet Secs 31 & 36. Va 14° 0.7' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft in ground deposit charred stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 6 in x 6 in x 5 1/2 ft long 2 ft deep raised Mound 3 ft high pour pits 18 x 24 x 12 in for cor to sec 25. 30 31 & 36 pour which
	An ash Tree 6 in dia bears S 18° 21' E 140 lks dist
	An ash Tree 9 in dia bears N 13° 30' W. 101 lks dist
	No other tree near to mark
	Land very broken Z rate

Fourth Guide Meridian West Township 22 North
Bet. 5th & 6th Std Pls

	North on true line bet Secs 25 & 30 Va 14° 06' E
1.00	Ravine N W to River Cedar trees in the head of the same
7.30	South branch of Dismal River 30 lks wide bears S 20° W N 80° E Water 20 inches deep current rapid some timber on same
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited charred stake raised Mound of earth 2½ ft high pom pits 18 x 24 x 12 in for Gr Sec Cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high pom pits 18 x 24 x 12 in for Cor to Secs 19 24 25 & 30
	Just 1/2 mile down the river is a perpendicular fall of 7 feet the bluffs on bank of Creek are 350 ft high & run to the bank of River
	Land very broken 3d rate
	Timber Cedar & ash & found along the river banks

Fourth Guide Meridian West Township 22 North
Bet 5th & 6th Std Pls

	North on true line bet Secs 19 & 24 Va 14° 07' E
.20	North branch of Dismal River 33 lks wide Water 2½ ft deep current rapid rock bottom flows East from West
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited charred stake raised Mound 2½ ft high pom pits 18 x 24 x 12 in for Gr Sec Cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposited charred stake raised Mound 3 ft high pom pits 18 x 24 x 12 in for Cor to Secs 13. 18. 19 & 24
	Land very broken 3d rate

Fourth Guide Meridian West Township 22 N
1 Bet 5th & 6th Std Rlls

	North on true line bet Secs. 13 & 18 Va 14° 07' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 2½ ft high pom pits 18 x 24 x 12 in for Gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposited Charred Stake raised Mound 3 ft high pom pits 18 x 24 x 12 in for cor to secs. 7. 12. 13 & 18
	Land very broken Sandy Worthless

Fourth Guide Meridian West Township 22 N
1 Bet 5th & 6th Std Rlls

	North on true line bet Secs. 7 & 12 Va 14° 08' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited Charred Stake raised Mound 2½ ft high pom pits 18 x 24 x 12 in for Gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposited Charred Stake raised Mound 3 ft high pom pits 18 x 24 x 12 in for cor to secs. 1. 6. 7 & 12
	Land broken Sand hills 3 rate

Fourth Guide Meridian West Township 22 N
Bet 5th & 6th Std Ills

		North on true line bet Secs 1 & 6
		Va 14° 08' E
40.00		Set post 2 x 3 in x 4 ft. 1 ft deep deposited charred
		Stake raised Mound 2½ ft high
		pom pits 18 x 24 x 12 in for Gr Accor
80.00		Set post 3 x 3 in x 4 ft. 1 ft deep deposited charred
		Stake raised Mound 3 ft high
		pom pits 18 x 24 x 12 in for Cor to Secs
		1. 6. 31. & 36. also to Township 22 & 23
		N. Ranges 32 & 33 West
		Land very broken Sand hills 3 rate

Fourth Guide Meridian West Township 23 North
Bet 5th & 6th Std Ills

		North on true line bet Secs 31 & 36
		Va 14° 09' East
40.00		Set post 2 x 3 in x 4 ft 1 ft in ground deposited
		Charred Stake raised Mound 2½
		ft high pom pits 18 x 24 x 12 in for
		Gr Accor
80.00		Set post 3 x 3 in x 4 ft. 1 ft deep deposited
		Charred Stake raised Mound
		3 ft high pom pits 18 x 24 x 12 in
		for Cor to Secs 25. 30. 31 & 36
		Land sand hills 3 rate

Fourth Guide Meridian West Township 23 North
Bet 5th & 6th Sta Ills

	North on true line bet Secs 25 & 30
	Va 14° 08' E
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited
	Charred stake raised Mound
	2½ ft high from pits 18 x 24 x 12
	in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposited
	Charred Stake raised Mound
	3 ft high from pits 18 x 24 x 12 in
	for Cor to secs 19. 24. 25 & 30
	Land broken sandy 3rd rate

Fourth Guide Meridian West Township 23 North
Bet 5th & 6th Sta Ills N

	North on true line bet Secs 19 & 24
	Va 14° 08' East
40.00	Set post 2 x 3 in x 4 ft 1 ft in ground deposit
	Charred Stake raised Mound
	2½ ft high from pits 18 x 24 x 12 for
	gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposited
	Charred Stake raised Mound
	3 ft high from pits 18 x 24 x 12 in
	for Cor to secs 13. 18. 19 & 24
	Land sand hills 3 rate
	July 14th 1874

Fourth Guide Meridian West Township 23 N
Bet 5th & 6th Std Mls

	North on true line bet Secs 13 & 18
	Va 14° 08' E
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	2½ ft high pom pits 18 x 24 x 12 in
	for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high pom pits 18 x 24 x 12
	for cor to secs 7. 12. 13 & 18
	Land Sand hills 3 Vate

Fourth Guide Meridian West Township 23 North
Bet 5th and 6th Std Mls

	North on true line bet Secs 7 & 12
	Va 14° 08' East
.10	Enter Valley E & W
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound 2½
	ft high pom pits 18 x 24 x 12 in
	for gr sec cor
65.00	Leave Valley enter broken Sand hills E & W
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high pom pits 18 x 24 x 12 in
	for cor to secs 1. 6. 7. & 12
	Land Valley hard soil 3 Vate
	Hills Sand 3 Vate

Fourth Guide Meridian West. Township 23 N
Bet 5th & 6th Std Pls

	North on true line bet Secs 1 & 6
	Va 14° 09' East
40.00	Set post 2 x 3 in x 4 ft 1 ft in ground deposit
	Charred Stake raised Mound
	2 1/2 ft high from pits 18 x 24 x 12
	for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high from pits 18 x 24 x 12 in
	for cor to secs 1. 6. 31. & 36. also
	Townships 23 & 24 North Ranges
	32 & 33 West
	Land Sand hills 3 rate

Fourth Guide Meridian West. Township 24 North
Bet 5th & 6th Std Pls

	North on true line bet Secs 31 & 36
	Va 14° 09' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	2 1/2 ft high from pits 18 x 24 x 12 in
	for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high from pits 18 x 24 x 12 in
	for cor to secs 25. 30. 31 & 36
	Land Sand hills 3 rate

Fourth Guide Meridian West. Township 24 N
Bet 5th & 6th Std Ill

	North on true line bet Secs 25 & 30
	Va 14° 09' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft. deep deposit charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposit charred stake raised Mound 3 ft high from pits 18 x 24 x 12 in for cor to secs 19. 24. 25 & 30
	Land Sand hills 3 rate

Fourth Guide Meridian West Township 24 North
Bet 5th & 6th Std Ill

	North on true line bet Secs 19 & 24
	Va 14° 00' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high from pits 18 x 24 x 12 in for cor to secs 13. 18. 19 & 24
	Land Sand hills 3 rate

Fourth Guide Meridian West Township 24 N
1 Bet 5th & 6th Std Rlls

	North on true line bet Secs 13 x 18 Va 14° East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit Charred Stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 for Gr Sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 for cor to secs 7. 12. 13 & 18
	Land Sand hills 3d rate

Fourth Guide Meridian West Township 24 N.
1 Bet 5th & 6th Std Rlls

	North on true line bet Secs 7 & 12 Va 13° 0 9' East
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited Charred Stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 for Gr Sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 for cor to secs 1. 6. 7 & 12
	Land Sand hills 3d rate

Fourth Guide Meridian West Township 24 N
Bet 5th & 6th Std Ills

North on true line bet Secs 1 & 6
Va 14° East

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposited
charred stake raised Mound
2½ ft high pom pits 18 x 24 x 12 in
for gr sec cor

62.30 Loupe River 60 eks wide flows East
water 2 ft deep current rapid
sand stone bottom some timber on River

73.10 Foot of sand bluff 200 ft high

80.00 Set post 3 in x 3 in x 4 ft 1 ft deep deposited
2 marked stones ~~charred stake~~ raised Mound
3 ft high pom pits 18 x 24 x 12 in for
Cor to Secs 1 & 6 Town 24 N
Ranges 32 & 33 West on 6th
Standard Ill North

July 15th 1874

General Description

This line of 24 miles passes over a very broken & barren country. No timber only the little found on the Dismal river in Township 22. The Loupe affords No timber the soil is very sandy & poor 3rd rate the bluffs on the Dismal are very high & almost impassable. the Country might be used for stock grazing. but unfit for cultivation

Fourth Guide Meridian West Township 25 North
Bet 6th & 7th Std Ills

From the post the Established
corner to Ranges 32 & 33 W
Township 25 North on 6th
Standard Parallel being the 7th Initial point for 4th Guide Meridian
North on true line bet Secs 31 & 36
Va 14° 01' East

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit
charred stake raised Mound
2½ ft high pom pits 18 x 24 x 12
for gr sec cor

80.00 Set post 3 in x 3 in x 4 ft 1 ft deep deposit
charred stake raised Mound
3 ft high pom pits 18 x 24 x 12 in
for cor to secs 25 30 31 & 36

Land sand hills 3rd rate

Fourth Guide Meridian West Township 25
Bet 6th & 7th Std Pls

	North on true line bet Secs 25 & 30 Var 14° 01' East
40.00	Set post 2x3in x 4ft 1ft deep deposit charred stake raised Mound 2½ ft high from pits 18x24x12in for qr sec cor
80.00	Set post 3in x 3in x 4ft 1ft deep deposit charred stake raised Mound 3ft high from pits 18x24x12in for cor to secs 19 24 25 & 30
	Land sand hills 3 rate

Fourth Guide Meridian West Township 25 N
Bet 6th & 7th Std Pls

	North on true line bet Secs 19 & 24 Var 14° 02' East
40.00	Set post 2x3in x 4ft 1ft deep deposit charred stake raised Mound 2½ ft high from pits 18x24x12in for qr sec cor
80.00	Set post 3in x 3in x 4ft 1ft deep deposit charred stake raised Mound 3ft high from pits 18x24x12in for cor to secs 13. 18. 19 & 24
	Land sand hills 3 rate

Fourth Guide Meridian West Township 25
1 Bet 6th & 7th Lta Rlls

	North on true line bet Secs 13 & 18
	Va 14° 02' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	2½ ft high pour pits 18 x 24 x 12 in
	for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high pour pits 18 x 24 x 12
	for cor bsecs 7. 12. 13 & 18
	Land Sand hills 3 rate

Fourth Guide Meridian West Town 25 N
1 Bet 6th & 7th Lta Rlls

	North on true line bet Secs 7 & 12
	Va 14° 2' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited
	Charred Stake raised Mound
	2½ ft high pour pits 18 x 24 x 12
	for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposit
	Charred Stake raised Mound
	3 ft high pour pits 18 x 24 x 12 in
	for cor bsecs 1. 6. 7. & 12
	Land Sand hills 3 rate
	~~August~~ ~~27~~ 17 1894
	27th

Fourth Guide Meridian West. Township 25 N
1 Bet 6th & 7th Std Pll.

North on true line bet Secs. 1 & 6
Val 14° 2' E

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound
2½ ft high from pits 18 x 24 x 12
in for gr. sec. cor

80.00 Set post 3 in x 3 in x 4 ft. 1 ft deep de=
posited charred stake raised
Mound 3 ft high from pits
18 x 24 x 12 in for Cor to secs.
1. 6. 31. & 36. also to Townships
25. & 26. N. Ranges 32 & 33 West

Land Sand hills 3 rate

Fourth Guide Meridian West. Township 26 N
1 Bet 6th & 7th Std Pll.

North on true line bet Secs. 31. & 36
Val 14° 03' E

40.00 Set post 2 x 3 in x 4 ft. 1 ft deep deposited
Charred stake raised Mound
~~2½ ft deep deposited charred~~
~~stake raised Mound~~ 2½ ft
high from pits 18 x 24 x 12 in for
gr. sec. cor

80.00 Set post 3 in x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound
3 ft high from pits 18 x 24 x 12 in
for Cor to secs. 25. 30. 31. & 36

Land Sand hills 3 rate

Fourth Guide Meridian West Township 26 N
Bet 6th & 7th Std Pls

	North on true line bet Secs 25 & 30
	Val 14° 03' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposited charred stake raised Mound 3 ft high from pits 18 x 24 x 12 in for cor to secs 19. 24. 25 & 30
	Land Rolling Sandy Zarate

Fourth Guide Meridian West Township 26
Bet 6th & 7th Std. Pls

	North on true line bet Secs 19 & 24
	Val 14° 03' East
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposit charred stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposit charred stake raised Mound 3 ft high from pits 18 x 24 x 12 in for cor to secs 13. 18. 19 & 24
	Land Sand hills Zarate

Fourth Guide Meridian West. Township 26 North
Bet 6th & 7th Sta Ills

	North on true line bet Secs. 13 & 18
	Val 4° 04' East
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec Cor
80.00	Set post 3 in x 3 in x 4 ft 1 ft deep deposited Charred Stake raised Mound 3 ft high from pits 18, 24 x 12 in for Cor to Secs. 7. 12. 13 & 18
	Land Sandy 3 rate

Fourth Guide Meridian West. Township 26 N
Bet 6th & 7th Stds Ills

	North on true line bet Secs. 7 & 12
	Val 4° 05' E
40.00	Set post 2 x 3 in x 4 ft 1 ft deep deposited Charred Stake raised Mound 2 1/2 ft high from pits 18 x 24 x 12 in for gr sec Cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposited Charred Stake raised Mound 3 ft high from pits 18 x 24 x 12 in for Cor to Secs. 1. 6. 7 & 12
	Land rolling Sandy 3 rate

Fourth Guide Meridian West Tonn 26 West
1 Bet 6th & 7th Std Ills

	North on true line bet Secs 1 & 6 Va 14° 5' East
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited Charred stake raised Mound 2½ ft high pour pits 18 x 24 x 12 for gr sec cor
80.00	Set post 3 in 3 in x 4 ft. 1 ft deep deposited Charred stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 1. 6. 31 & 36 Townships 26 & 27. N Ranges 32 & 33 West
	Land rolling Sandy 3d rate

Fourth Guide Meridian West Township 27 N
1 Bet 6th & 7th Stad Ills

	North on true line bet Secs 31 & 36 Va 14° 5' East
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposited Charred stake raised Mound 2½ ft high pour pits 18 x 24 x 12 for gr sec cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft deep deposited Charred stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 25. 30. 31 & 36
	Land Sandy 3d rate.

Fourth Guide Meridian West Township 27
Bet 6th & 7th Std Ills

North on true line bet Secs 25 & 30
Vas 4° 9' E

40.00 Set post 2 x 3 in x 4 ft. 1 ft deep deposit
Charred Stake raised Mound
2½ ft high from pits 18 x 24 x 12
in for Gr Sec Cor

80.00 Set post 3 in x 3 in x 4 ft. 1 ft deep deposit
Charred Stake raised Mound
3 ft high from pits 18 x 24 x 12 in
for Cor to Secs 19. 24. 25 & 30

Land Sand hills 3 rate

Fourth Guide Meridian West Township 27 N
Bet 6th & 7th Std Ills

North on true line bet Secs 19 & 24
Vas 4° 08' E

40.00 Set post 2 x 3 in x 4 ft. 1 ft deep deposit
charred Stake raised Mound
of Earth 2½ ft high from pits 18 x
24 x 12 in for Gr Sec Cor

80.00 Set post 3 in x 3 in x 4 ft. 1 ft deep de-
posited Charred Stake raised
Mound 3 ft high from pits 18 x
24 x 12 in for Cor to Secs 13 18
19 & 24

Land Sand hills 3 rate

Augt 28th 1874

Fourth Guide Meridian West Township 27.
1 Bet 6th & 7th Std Pll.

North on true line bet Secs 13 & 18
Va 14° 09' E

40.00 Set post 2 x 3 in x 4 ft. 1 ft deep deposited Charred Stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 for 9 sec Cor

80.00 Set post 3 x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 7. 12. 13 & 18

Land Sandy 3rd rate

Fourth Guide Meridian West Township 27.
1 Bet 6th & 7th Std Pll.

North on true line bet Secs 7 & 12
Va 14° 09' East

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit Charred Stake raised Mound 2 1/2 ft high pour pits 18 x 24 x 12 in for 9 sec Cor

80.00 Set post 3 in x 3 in x 4 ft 1 ft deep deposit Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 1. 6. 7 & 12

Land Sand hills 3rd rate

Fourth Guide Meridian West. Township 27
1 Bet 6th & 7th Std Pll.

	North on true line bet Secs 1 & 6 Va 14° 08' E.
33.00	Enter Valley E & W
40.00	Set post 2 x 3 in x 4 ft. 1 ft deep deposit Charred Stake raised Mound 2½ ft high pour pits 18 x 24 x 12 for gr nc Cor
46.50	Willows - West of line 7 chains
50.00	Leave Valley E & W
80.00	Set post 3 x 3 in x 4 ft 1 ft deep deposit Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 1. 6. 31. & 36 also to Townships 27 & 28 N Ranges 32 & 33 West
	Land Sandy 3 rate

Fourth Guide Meridian West. Township 28 N
1 Bet 6th & 7th Std Pll.

	North on true line bet Secs 31. & 36 Va 14° 10' E
40.00	Set post 2 x 3 in x 4 ft. 1 ft in ground deposit Charred Stake raised Mound 2½ ft high pour pits 18 x 24 x 12 for gr nc Cor
80.00	Set post 3 in x 3 in x 4 ft. 1 ft in ground deposited Charred Stake raised Mound 3 ft high pour pits 18 x 24 x 12 in for Cor to Secs 25. 30 31. & 36.
	Land Sand hills 3 rate

Fourth Guide Meridian West Township 28.
1 Bet 6th & 7th Std. Ills.

North on true line bet Secs. 25 & 30
Va 14° 10' E

40.00 Set post 2 x 3 in x 4 ft. 1 ft in ground deposit
Charred stake raised Mound
2 1/2 ft high pom pits 18 x 24
x 12 in for gr sec Cor

80.00 Set post 3 in x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound
3 ft high pom pits 18 x 24 x 12 in
for Cor to secs. 19. 24. 20 & 30

Land Sand hills 3 rate

Fourth Guide Meridian West Township 28 N
1 Bet 6th & 7th Std. Ills.

North on true line bet Secs. 19 & 24
Va 14° 09' East

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound of
2 1/2 ft high pom pits 18 x 24 x 12 in
for gr sec Cor

80.00 Set post 3 in x 3 in x 4 ft. 1 ft deep deposit
Charred stake raised Mound
3 ft high pom pits 18 x 24 x 12 in
for Cor to secs. 13. 18. 19 & 24

Land Sand hills 3 rate

Fourth Guide Meridian West Township 28 N
1 Bet 6th & 7th Std Ms

North on true line bet Secs 13 & 18
Va 14° 09' E

40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound
2 1/2 ft high from pits 18 x 24 x 12
in for gr sec Cor

80.00 Set post 3 x 3 in x 4 ft. 1 ft deep deposit
Charred stake raised Mound
3 ft high from pits 18 x 24 x 12 in
for Cor to sec 7. 12. 13 & 18

Land Sand hills 3 rate

Fourth Guide Meridian West Township 28
1 Bet 6th & 7th Std Ms

North on true line bet Secs 7 & 12
Va 14° 07' E

4.31 Loupe River 35 lks wide flows East
18 inches deep sand stone bottom
current rapid some brush on
river

40.00 Set post 2 x 3 in x 4 ft. 1 ft deep deposit
Charred stake raised Mound
2 1/2 ft high from pits 18 x 24 x 12 in
for gr sec Cor

80.00 Set post 3 x 3 in x 4 ft 1 ft deep deposit
Charred stake raised Mound
3 ft high from pits 18 x 24 x 12 in
for Cor to sec 1. 6. 7. & 12

Land broken sandy 3 rate

Fourth Guide Meridian West Township 28
Bet 6th & 7th Sta Rds

North on true line bet Secs 1 & 6
Va 14° 09' E

7.00 Enter Valley E & W
40.00 Set post 2 x 3 in x 4 ft 1 ft deep deposit
Charred Stake raised Mound
2½ ft high pour pits 18 x 24 x
12 in for Gr sec Cor
49.00 Leave Valley E & W
80.00 Set post 3 x 3 in x 4 ft. 1 ft deep deposit
Charred Stake raised
Mound 3 ft high pour pits
18 x 24 x 12 in for Cor to Secs
1 & 6 & Townships 28 N Ranges
32 & 33 on 7th Standard
Parallel North

Aug 29th 1874

General Description

This line of 24 Miles is not so broken as the line South between the 5 & 6 Standards but the soil is nearly the same very sandy & 3rd rate No timber was found the Loupe river found in Township 28 is a swift running stream & good water the posts used on this line were brought from the Dismal & are all Cedar

List of Names

A list of the Names of the individuals employed to assist in Surveying and Establishing the 4th Guide Meridian West from the 5th to the 7th Standard Parallels North & showing the respective capacities in which they acted

A Cunningham	Chainman
W. H. Gingery	"
Joseph Fairfield	"
J. Morgan	"
George Bronger	Flagman
Peter Reesburg	Moundman
Henry Kirkham	"

We do hereby certify that we assisted George W Fairfield Deputy Surveyor in Surveying the 4th Guide Meridian West of 6th P.M. in Nebraska between the 5th and 6th and the 6th and 7th Standard Parallels North and that said Guide Meridian has been in all respects to the best of our knowledge & belief well and faithfully surveyed and established and the boundary Monuments planted according to the ~~Manner~~ instructions furnished by the Surveyor General of Character, Construction & Working in the Manner as specifically described in the foregoing field notes

A Cunningham Chainman
Morgan "
Wm Gingery "
Joseph Fairfield "
George F Pronger Flagman
Peter Rusberg Mountman
Henry Kerkham "

Signed in my presence and sworn

to before Me by the above
Named persons before Me, the
undersigned a Notary Public
in and for Cass County Nebraska
this 17th day of September
1874.

R B Windham
Notary Public

I George W Fairfield deputy Surveyor
do solemnly swear that in pursuance
of a Joint Contract wherein Freeman
Dorrington & George W. Fairfield are
Joint Contractors with E E. Cunningham
Surveyor General for the district of
Nebraska & Iowa bearing date the 2d
day of July 1874. I have well, faith-
fully & truly in my own proper person
and in strict conformity to the instructions
furnished by the Surveyor General, the
Surveying Manual and the laws of
the United States Surveyed and Established
the 4th Guide Meridian from the 5th to
the 7th Standard Ills North of base line
& West of 6th P M 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
Survey has been Established & per-
petuated in strict accordance
with the Surveying Manual printed

instructions & Special Instructions
of the Surveyor General of Dimensions
character, Construction & Marking
and in the Manner as Specifically
described in the foregoing field
Notes and that the foregoing are
the true and original field Notes
of said Survey

Geo. W. Fairfield
deputy Surveyor

Signed in my presence and
Sworn to before me the un-
dersigned this 19th day of Sept
1874.

R. S. Windham
Notary Public
in & for Cass Co
Nebraska

Surveyor Genl's Office
Plattsmouth 19th Sept 1874

The foregoing field Notes of the Survey
and Establishment of the 4th Guide
Meridian West between the 5th & 7th
Standard Parallels North of base line
in Nebraska Executed by George W
Fairfield under Joint Contract No 80
Wherein Fred Morrington and
George W Fairfield are joint con-
tractors in the month of July and
August having been critically
examined the necessary corrections
& explanations made the said field
Notes and Surveys they describe are
hereby approved

E. E. Cunningham
Surveyor General

4th

Guide Meridian West
From the
7th Standard parallel North
to the
8th Standard Parallel
by
Robert Harvey U.S. Deputy Surveyor
1875

Fourth Guide Meridian W.T. 29 N.

Begin at the Standard Corner to Townships 29 North Ranges 32 & 33 W. and run on the 4th Guide Meridian North between Secs 31 & 36
Var 14° 09' E

39 00 Leave hills and enter valley bears NW & SE

40 00 Deposited Charcoal and raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep

58.00 Leave valley and enter hills bear E & W.

86 00 Deposited Charcoal, and raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to Secs 30, 31, 25 & 36

Valley Second rate
Sandhills third rate

Note: This region is destitute of stone and timber hence I deposit quantity of Charcoal and erect mound as per instructions

14th Guide Meridian W. T. 29 N.

North between secs. 25 & 30
Va 14° 12' E.

4 00 Leave hills - Enter Valley bears E & W.
26 00 Leave Valley - Enter hills bears E & W
40 00 Deposited charcoal and raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec. cor.
76 00 Leave hills - Enter Valley bears NE & SW
80 00 Deposited Charcoal and raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs. 19, 30, 24 & 25

Valley Second rate
Hills Third rate

Fourth Guide Meridian W. T. 29 N.

North between secs. 19 & 24
Va 14° 15' E.

19 00 ~~Leave hills - Enter~~ Enter hills, leave Valley bears E & W.
40 00 Deposited Charcoal. and raised mound of earth ~~with pits~~ 2½ ft high ~~from~~ pits 18 x 24 x 12 in deep for 1/4 sec. cor.
71 00 ~~Leave~~ Enter Valley - ~~Enter~~ Leave hill bears E & W.
80 00 Deposited Charcoal. and raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs 18, 19, 30 & 24

Valley 2nd rate
Hills 3d rate

Fourth Guide Meridian W. T. 29 N

North between secs. 1 & 6
Var 14° 22' E

20 00 Leave hills - Enter Valley bears E & W.
31 50 Drain course East
40 00 Deposited Charcoal, raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for 1/4 sec. cor.
70 00 Leave Valley and enter hills bears E & W.
80 00 Deposited Charcoal raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for corner to Townships 29 and 30 N. Ranges 32 & 33 West.

Valley Second rate
Hills third rate

Fourth Guide Meridian W. T. 30 N.

North between secs. 31 & 36
Var 14° 24' E

40 00 Deposited Charcoal raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec. cor.
45 00 Leave hills - Enter Valley bears E & W.
58 40 Eureka Creek 20 lks wide runs East
73 00 Leave Valley and enter hills bears E & W.
80 00 Deposited charcoal, raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for corner to secs 30, 31, 25 and 36

Valley 1st rate
Hills third rate

Fourth Guide Meridian W. T. 30 N

North between secs 25 & 30
Va 14° 24' E

40 00 Deposited charcoal raised mound of earth 2½ ft high from pits 18 × 24 × 12 in deep for 1/4 sec. cor.

49 00 Leaves hills - Enter Valley bears E & W.

71 00 Leaves Valley - Enter hills bears E & W.

80 00 Deposited charcoal. raised mound of earth 2½ ft high from pits 18 × 24 × 12 in deep for corner to secs 19. 30. 24 and 25

Sand-hills Thirdrate
Valley Secondrate

Fourth Guide Meridian W. T. 30 N.

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

40 00 Deposited charcoal. raised mound of earth 2½ ft high from pits 18 × 24 × 12 in. deep for 1/4 sec. cor.

80 00 Deposited charcoal raised mound of earth 2½ ft high from pits 18 × 24 × 12 in deep for corner to secs. 18. 19. 13 & 24

Land Sandhills
Soil Thirdrate

May 29th 1875

4th Guide Meridian W. S. 30 N.

North between secs ~~12 & 24~~ 13 & 18
Va 14° 21' E

40 00 Deposited Charcoal, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec. cor.

80 00 Deposited Charcoal raised mound of earth 2½ ft. high from pits 18×24×12 in deep for Corner to secs 7, 18, 12 & 13

Land, Sand hills
Soil Thirdrate

4th Guide Meridian W. S. 30 N.

North between secs 7 & 12
Va 14° 18' E

40 00 Deposited Charcoal, raised mound of earth ~~with pits as per~~ 2½ ft high from pits 18×24×12 in. deep for 1/4 sec. cor.

80 00 Deposited Charcoal, raised mound of earth 2½ ft high from pits 18×24×12 in deep for Corner to secs. 6, 7, 1 & 12

Land Sand hills
Soil worthless

4th Guide Meridian W. T. 30 N.

North between secs 1 & 6
Va 14° 18' E

39 50 Leave hills Enter valley here E & W.

40 00 Deposited Charcoal, raised mound of Earth 2 1/2 ft high from pits 18. 24. 12 in deep for 1/4 sec Cor.

57 80 Snake river 125 lks wide about 2 ft deep runs East.

80 00 Set post 4 x 4 in 4 ft 1 ft. deep deposited Charred stake, and raised mound of earth 2 1/2 ft high from pits 18. 24. 12 in deep for Corners to townships 30 and 31 N. Ranges 32 & 33 W.

Hills Sand — 4th rate
Valley first rate

River has rocky bed. Swift current and a few scrubby bushes along the banks —

4th Guide Meridian W. T. 31 N.

North between secs 31 & 36
Va 14° 15' E.

40 00 Set post 2 x 3 in 4 ft 1 ft deep deposited charred stake raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. Cor.

80 00 Set post 3 x 3 in 4 ft 1 ft deep Deposited charred stake, raised mound of earth ~~with pits~~ 2 1/2 ft high from pits 18 x 24 x 12 in. deep for corner to Sections 30. 31 25 and 36

Land; Sandhills — mostly 4th rate

4th Guide Meridian W. T. 31 N.

North between secs 25 & 30
Va 114°15' E

40 00 Set post 2×3 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 3×3 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 19, 30, 24 & 25

Land— Sand hills
Soil, third rate

4th Guide Meridian W. T. 31 N.

North between secs 19 & 24
Va 114°17' E.

40 00 Set post 2×3 in 4 ft. 1 ft. deep
deposited charred stake, raised
mound of earth 2½ ft. high from
pits 18×24×12 in deep for 1/4 sec cor.

80.00 Set post 3×3 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. 18, 19, 13 and 24

Land Sand hills
Soil Third rate

4th Guide Meridian W. T. 31 N.

North between secs. 13 & 18
Va 14° 21' E

40 00 Set post 2×3 in. 4 ft. 1 ft deep deposited charred stake, raised mound of earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor.

80 00 Set post 3×3 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 & 13

Land Sandhills
Soil Thirdrate

4th Guide Meridian W. T. 31 N.

North between secs 7 & 12
Va 14° 27' E

38 00 Leave hills - Enter Valley brs. E & W.

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor.

65 00 Leave Valley and enter hills bearing NE & SW.

80 00 Set post 3×3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of earth (with pits as per mshr) 2½ ft high from pits ~~as pe~~ 18×24×12 in deep for corner to secs. 6. 7. 1 & 12

Valley Firstrate
Hills Thirdrate

4th Guide Meridian W. T. 31 N.

North between secs 1 & 6
Va 14° 33' E

27 00 Leave hills - Enter valley bears E & W.
36 00 Leave valley - Enter hills bears E & W.
40 00 Set post 2 x 3 in 4 ft. 1 ft. deep deposited charred stake raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in. deep for 1/4 sec. cor.
80 00 Set post 3 x 3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for corner to Townships 31 & 32 N Ranges 32 & 33 W.
Valley Secondrate
Sandhills Thirdrate

May 30th 1873

4th Guide Meridian W. T. 32 N.

North between secs 31 & 36
Va 14° 39' E

27 00 Leave hills - Enter valley bears N & W & E
40 00 Set post 2 x 3 in 4 ft 1 ft. deep deposited charred stake, raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in. deep for 1/4 sec. cor.
46 00 Leave valley - Enter hills bears E & W.
80 00 Set post 3 x 3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of earth with pits 2 1/2 ft high from pits 18 x 24 x 12 in. deep for corner to secs. 30. 31. 25 and 36
Valley Secondrate
Hills Thirdrate

4th Guide Meridian W. T. 32 N.

North between secs 25 & 30
Va 14° 42' E

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of earth 2½ ft high from pits 18×24×12 in. deep for 1/4 sec. cor.

50 00 Leave hills - Enter Valley bears NW & SE

80 00 Set post 3×3 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. 19, 30. 24 & 25

Sand hills Thirdrate
Valley Secondrate

4th Guide Meridian W. T. 32 N.

North between secs 19 & 24
Va 14° 46' E.

40 00 Set post. 2×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec. cor.

80 00 Set post 3×3 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 18, 19, 13 & 24

Sandy Thirdrate

4th Guide Meridian W. T. 32 N.

North between secs. 13 & 18
Va 14° 49' E.

40 00 Set post 2×3 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.

80 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 Corner to secs. 7, 18, 12 & 13

Land Sandhills
Soil third rate

4th Guide Meridian W. T. 32 N.

North between secs 7 & 12
Va 14° 53' E.

40 00 Set post 2×3 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.

80 00 Set post deposited, chained stake post 2×3 in 4 ft 1 ft deep and raised mound of Earth 2½ ft. high from pits 18×24×12 in deep for Corner to sections 6, 7 — 1 and 12

Sand hills
Soil third rate

4th Guide Meridian W. T. 32 N.

North between secs 1 and 6
Va 14° 57' E.

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake and raised mound of Earth 2½ ~~with~~ ft high from pits 18×24×12 in deep for 1/4 sec. Cor.

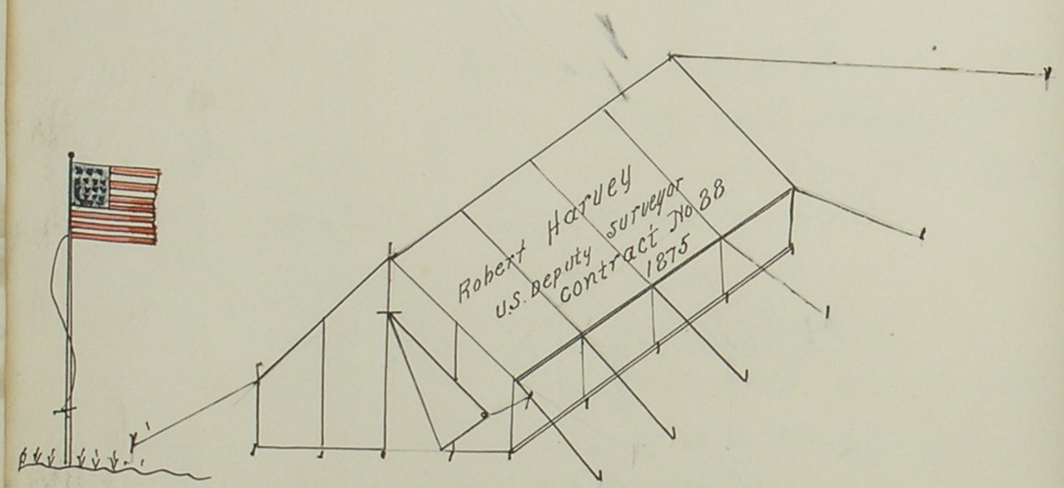
80 00 Set post for temporary Closing Corner to Townships 32 N Ranges 32 & 33 W.

Land thirdrate, Sandhills

May 31st 1875

4th

Guide Meridian North
From the
8th Standard Parallel North
to the
North Boundary
By
Robert Harvey
U.S. Deputy Surveyor
1875



4th Guide Meridian W. F. 33 N.

Begin at the Standard Corner to Townships 33 N Ranges 32 and 33 W. and run on the 4th Guide Meridian, West North between secs 31 & 36
Va 14° 56' E.

8 30 Gordon's Sioux City and Black Hills trail bears NE & SW.

40 00 Set post 2 x 3 in 4 ft. 1 ft. dep deposited charred stake, raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in. deep for 1/4 sec cor.

69 60 Ravine Course NW

80 00 Set post 3 x 3 in. 4 ft. 1 ft. dep deposited charred stake, raised mound of Earth 2½ ft. high from pits 18 x 24 x 12 in deep for corner to secs 30. 31. 25 & 36

Rolling — Soil Sandy Third rate North half mile descends into the foothills of Niobrara River. Pine & Cedar in the gulches.

4th Guide Meridian W. T. 33 N.

North between secs 25 & 30
Va 14° 45' E.

8 00 Leave foothills and enter river bottom bears E & W.

21 25 Set post 3×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2 1/2 ft high from pits 18×24×12 in deep for Corner to fractional secs. 25 & 30. on the Right bank of Niobrara river River runs N E.
I measure base line East 1 ch from which flag in line on left bank bears N. 3 1/4° West which gives 17.~~95~~ 17.61 chs for the distance across the river. The water being shallow I also chain the distance across.

39 20 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2 1/2 ft high from pits 18×24×12 in deep for corner to fractional secs 25 & 30 on left Bank of River

4th Guide Meridian W. T. 33 N.

~~North b~~

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake and raised mound of earth 2 1/2 ft high from pits 18×24×12 in deep for 1/4 sec. cor. from which A Cottonwood tree 14 in. diam bears. N 45 1/2° E 98 lks. dist.

41 00 Leave bottom and enter Bluffs bearing NW & SE

80 00 A Pine tree 12 in diam for corner to secs. 19. 30. 24 & 25 from which A Pine tree 10 in diam. bears S. 27 3/4° W. 53 lks. dist.
South 41 chs low river bottom covered with willows. 2nd rate North 39. chs Broken Sandhills worthless 4th rate soil Pine timber in gulches on North part of the mile —

4th Guide Meridian W. T. 33 N.

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

20 00 Leave broken hills and enter tableland bears E & W.

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake raised mound of Earth 2½ ft. high from pits 18×24×12 in deep for 1/4 sec. Cor

80 00 Set a Sandstone 30×18×2 in center Charcoal and pits and mound as per instructions for corner to Sections 18. 19. 13 and 24

South 20.00 broken, sandy 3d rate
Timber - Pine & Cedar in the gulches
Table land rolling 1st rate

4th Guide Meridian W. T. 33 N.

North between secs 13 & 18
Va 14° 27' E

40 00 Set post 2×3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec Cor.

40 50 Gulch course N E

54 40 Ravine course S E

80 00 Set post 3×3 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, 13

Surface rolling
Soil Sand and clay loam. 1st rate

4th Guide Meridian W. T. 33 N.

North between secs. 7 & 12
Va 14° 27' E.

40 00 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake raised mound of earth south 2½ ft high from pits 18×24×12 in deep for 1/4 sec. cor.

80 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 Corner to secs. 6. 7. 1 and 12

Clay & Sandy Soil 1st rate

4th Guide Meridian W. T. 33 N.

North between secs 1 & 6
Va 14° 27' E.

40 00 Set post 2×3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor.

80 00 Set post 3×3 in. 4 ft. 1 ft. deep deposited charred stake raised mound of Earth with pits as per instructions for Corner to Townships 33 & 34 N. Ranges 32 & 33 W.

Rolling Sandy, third rate soil

4th Guide Meridian W. S. 34 N.

North between secs 31 & 36
Va 14° 27' E

40.00 Set post 2×3 in 4 ft. 1 ft. deep deposited chained stake, raised mound of earth with pits 2½ ft high from pits 18×24×12 in deep for 1/4 Sec Cor.

80.00 Set post 3×3 in. 4 ft. 1 ft. deep deposited chained stake, raised mound of Earth, ~~with pits~~, 2½ ft high from pits 18×24×12 in. deep for corner to secs 30. 31. 25 and 36

North 40.00 chs sandy third rate
South 40.00 chs clayey second rate

4th Guide Meridian W. S. 34 N.

North between secs 25 and 30
Va 14° 30' E.

40.00 Set post 2×3 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.

80.00 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 corner to secs. 19. 30. 24 & 25

Rolling, clay land
Soil first rate

4th Guide Meridian W. T. 34 N

North between Secs. 19 & 24
Va 14° 31' E

40 00 Set post 2x3 in 4 ft. 1 ft. deep deposited Charred stake, raised mound of Earth, with pits as per instructions, 2½ ft. high from pits 18x24x12 in deep for 114 see cor.

80 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 corner to sections 18, 19, 13 and 24

Rolling Clay land
Soil fair to
June 10th 1875

Fourth Guide Meridian W. T. 34 N.

North between secs. 13 & 18
Va 14° 31' E.

40 00 Set post 2x3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2½ ft high from pits 18x24x12 in deep for 114 sec. cor.

78 00 Leave Clay land and enter Sandhills bearing NE & SW.

80 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 Corner to secs. 7, 18, 12 & 13

Clay land rolling, 1st rate
Sand hills - third rate

4th Guide Meridian W. S. 34 N.

North between secs 7 & 12
Var 14° 33' E.

40 00 Set ~~position~~ 2x3 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.

80 00 Set post 3x3 in. 4 ft. 1 ft. deep deposited Charred stake, raised mound of earth, ~~with pits~~, 2½ ft high from pits 18x24x12 in deep for corner to secs. 6. 7. 1 and 12

Rolling Sandhills
Soil Thirdrate

4th Guide Meridian W. S. 34 N.

North between secs. 6 & 1
Var 14° 33' E.

40 00 Set post 2x3 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.

80 00 Set post 3x3 in. ~~deep~~ 4 ft 1 ft. deep deposited Charred stake, raised mound of earth with pits as per instructions for corner to Townships 34 & 35 N Ranges 32 and 33 W.

Rolling Sandhills
Soil Thirdrate

4th Guide Meridian W. T. 35 N.

North between secs 31 & 36
Var 14° 31' E

40 00 Set post 2 x 3 in. 4 ft. 1 ft. deep deposited charred stake raised mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 sec. Cor.

80 00 Set post 3 x 3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of earth 2 1/2 ft. high from pits 18 x 24 x 12 in deep for Corner to secs. 30, 31, 25 and 36

Land, Sandhills
Soil, third rate

4th Guide Meridian W. T. 35 N.

North between Secs. 30 & 25
Var 14° 33' E

40 00 Set post 2 x 3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of earth 2 1/2 ft. high from pits 18 x 24 x 12 in. deep for 1/4 sec. Cor.

80 00 Set post 3 x 3 in. 4 ft. 1 ft. deep deposited charred stake, raised mound of earth ~~with pits~~ 2 1/2 ft high from pits 18 x 24 x 12 in deep for corner to secs. 19, 30 24 and 25

Land Sandhills
Soil third rate

4th Guide Meridian W. T. 35 N.

North between secs. 19 & 24
Va 14° 33' E.

4000 Set post 2×3 in 4 ft. 1 ft. deep deposited charred stake, raised mound of earth ~~with pit~~ 2½ ft high from pits 18×24×12 in. deep for C/4 sec. cor.

5542 Intersect the North Boundary of the State 14.80 chs. East of the 76th Mile Post. and Set post 6×6 in 4 ft. 1 ft. deep deposited charred stake, raised mound of Earth 2½ ft high from pits 18×24×12 in deep for Closing Corner to fractional Townships 35 N Ranges 32 & 33 W.

Surface rolling Sandhills
Soil, thirdrate

June 11th 1875

4th Guide Meridian W. from 7th to 8 Stan.

General Description

The surface along the 4th Guide Meridian from the 7th to the Standard Parallel is rolling Sand hills interspersed with valleys of dark sandy soil.

The grass in these valleys is generally tall and heavy - suitable for hay in many places

Eureka Creek is a stream of Clear, running water, skirted by a narrow marsh or bog. The Valley is narrow with no timber.

Snake River is generally about 125 lks wide water 2 to 3 ft deep and very swift. Quick sand bed and in many places rock bottom. Clumps of bushes are found occasionally along the banks and bluffs. The valley is narrow and the Sandhills overlooking.

the River are very high and quite destitute of vegetation. Water may be found in the vales or valleys between the sandhills at from 3 to 10 ft. deep.

This region is fit for nothing, unless for grazing

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 Third Guide Meridian from the 8th Standard Parallel to the State line and the 4th Guide Meridian from the 7th Standard Parallel to the State line all North of the base line and West of the 6th Principal Meridian Neb, showing the respective capacities in which they acted:

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

We hereby certify that we assisted Robert Harvey Deputy Surveyor in surveying the 3rd Guide Mer. between the 8th Standard Parallel North and the 4th North Boundry. The 4th Guide Mer. bet. the 8th Stand. Parallel and 8th Parallel. The 4th Guide Mer. bet. the 8th Standard Parallel and the North Boundry and the 8th Standard Parallel from the 3rd to the 4th Guide Mer. North of the baseline and West of the 6th Principal Meridian That said lines have been in all respects to the best of our knowledge and belief well and faithfully surveyed and the monuments planted according to the instructions of the Surveyor General, and of dimensions character construction and marking and in the manner specifically described in the forgoing field notes

Thompson McCall Chainman
Arthur G. Metcalf Chainman
Charles W. Weller Chainman
Edward C. Simmons Chainman
Francis M. Cushing Pointman
Noah Baxter Moundman
Frank A. Webster Flagman

Subscribed in my presence, and sworn
to before me this 9th day of August AD 1875

A. J. Kendall
Clerk, Dist. Court.

I Robert Heavey deputy Surveyor
do Solemnly Swear, that in pursuance
of a contract wherein Nicholas J.
Paul & Robert Heavey are contractors
with E. E. Cummings Surveyor
General for the District of Nebraska
and Iowa, bearing date the 19th day
of April 1875, I have well, faithfully
& truly in my own proper person &c
in strict conformity to the Instructions
furnished by the Surveyor General, the
Surveying Manual, & the Laws of the United
States Surveyed the 3rd Guide Meridian
from the 8th Standard Parallel to the North
Boundary and the 4th Guide Meridian from
the 7th to the 8th Standard Parallel, the 4th
Guide Meridian from the 8th Standard
Parallel to the North Boundary, all
North of the Base line and West of the
6th Principal Meridian in the State
of Nebraka, as are represented in the
foregoing field Notes as having been
Surveyed under my directions. And I

do further solemnly swear that all the corners of said survey have been established and perpetuated in strict conformity with the surveying manual printed instructions of and special instructions of the Surveyor General of dimensions, character construction and marking, and in the manner as specially described in the foregoing field notes and that the foregoing are the true and original field notes of such survey

Robert Harvey

Subscribed and sworn to before me this 17th day of August AD 1870

A. J. Kendall
Clerk Dist Court
Howard Co. Nebraska

SEAL OF DISTRICT COURT HOWARD COUNTY, NEB.

For oaths of Assistants, Surveyor and Surveyor Generals Approval see Notes of the 8th Standard Parallel page - 200 ?

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

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