General Land Office • Original Field Notes

Book Number

207

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

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

7
G. M. W.
North

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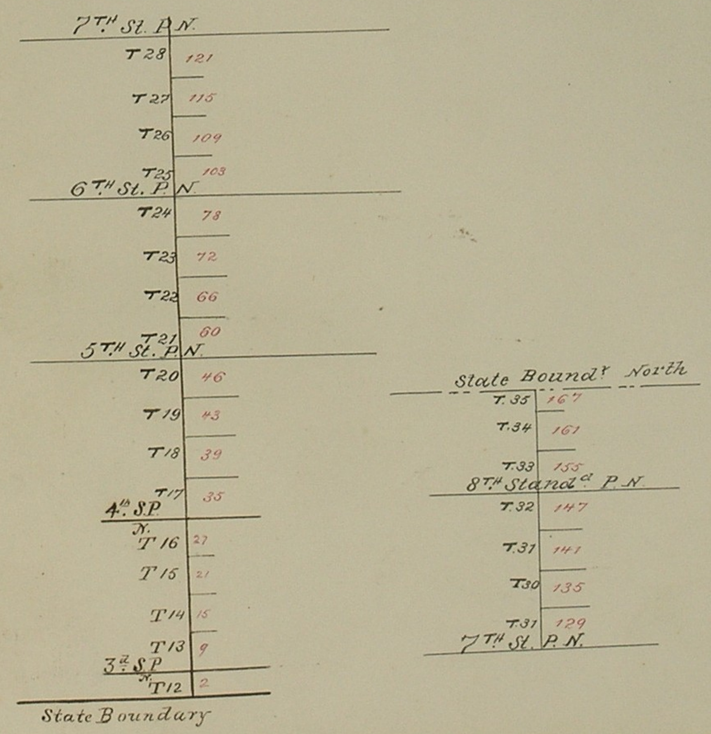
Diagram

of

7th Guide Meridian West

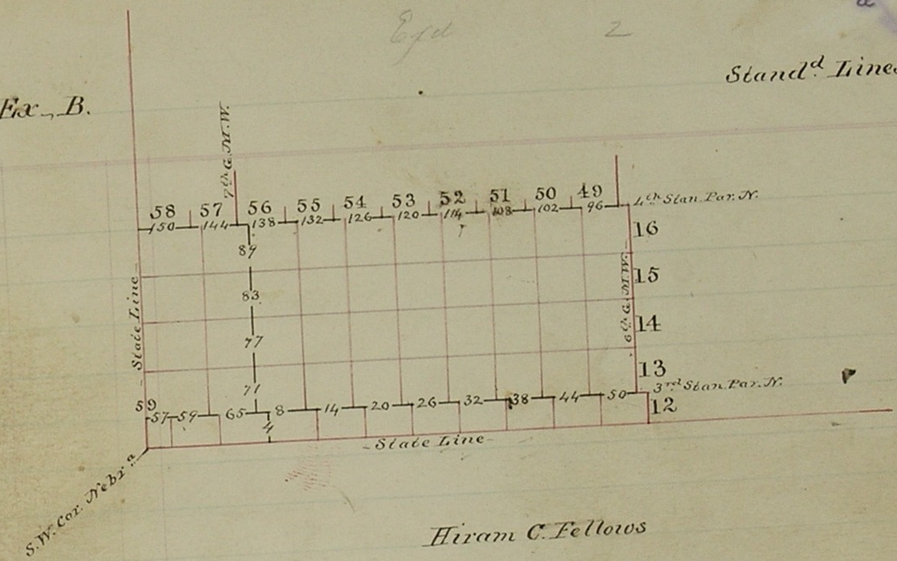


Exd 2

6

Stand^d Lines

Ex. B.



Hiram C. Fellows

Contract 24, June 15, 1869.

T.K.

Plat. B. & L.

Names of Assistants

William, H, Evans & Compassman

E. F. Smith
Geo. J. Hinton
Jacob. A. Knoesen } Chainmen.
P. H. Smith

Charles Marshall & Flagman

Frederick W. Lewis & Cornerman,

James Johnson & J. Frank Ludlum left my employ on the third day after commencing work, and I substituted Charles Marshall and Fredk. W. Lewis, but was unable to have them sworn in; as there was no officer to administer an oath in all that Section of Country

H. C. Fellows
Deputy Surveyor.

Field Notes of the Survey of the 3rd and 4th Standard Parallels from the 6th Guide Meridian to the Western Boundary of the State of Nebraska; also of the 7th Guide Meridian from the State Line to the 4th Standard Parallel, all being North of the Base line, and West of the 6th Principal Meridian in the State of Nebraska, by Hiram C. Fellows deputy Surveyor, under his Contract No 24, bearing date the ~~14~~ 15th day of June 1869.

Beginning at post on the 6th Guide Meridian, the established corner to Townships 13. North: of Ranges 48 and 49 West, which corner is a Post in Mound: thence I run

West on a random line along the South Boundaries of Sections 36. 35. 34. 33. 32 & 31. of Townships 13. North, Ranges 49. 50. = Sept 5th 1869 = 51 & 52. = Sept 6th 1869 = 53. & 54. = Sept 7th 1869. = 55 & 56. = Sept 8th 1869 = I set temporary half-mile and mile posts at every 40. and 80 chains, and Township corner posts at every 6 miles. At 48 miles I set a temporary standard corner post to Townships 13 North, Ranges 56 and 57 West, from which point for convenience at 139.52 chains I set a temporary ~~standard~~ closing corner to Township 12 North, Ranges 56 & 57 W: and thence run South on a Random line between Ranges 56 & 57 W. for 7th Guide Mer.

Township No 12 North

on a Random line
South between Sections 1 & 6
Va by Burts Solar compass
15° 10' East.

40.00 00 Set temporary ¼ Sec cor
80.00 00 Set temporary cor to Sec 1. 6. ~~37~~ 7
& ~~36~~ 12.

South on a random between Sec
7 and 12
Va 15° 10' East

40.00 Set a temporary ¼ Sec corner.
80.00 Set a temporary cor to Sec 7. 12. 13
and 18.

South on a random between
Sec 13 and 18.
Va 15° 10' East.

40.00 Set a temporary ¼ Sec cor.
80.00 Set a temporary corner to Sections
13. 18. 19 & 24.

South between Sections ~~13 & 24~~ 19 & 24
Va 15° 10' East.

12.12 Intersect State line 21.10 chains

Range 56 and 57 West.

East of the 90 ½ mile post
and set a chased post in
mound with pits as per instructions
for closing corner to Sections ~~13~~ 19
and 24. Township 12 North. Range
56 and 57. West. from which
corner I run.

North on a true line between
Sections 19 and 24
Va 15° 10' East

11.00 Set a limestone 19 + 15 + 3 inches for
corner to Sec 19. 24. 13 & 18
Surface Gently rolling. Soil 2d
rate Prairie.

Township No 12 North

North on a true line between
Sections 13 and 18
Va 15° 10' East.

40. 00 Set a Limestone 17 + 8 + 4 ins for
1/4 Sec corner.

80. 00 Set a chaned post in mound
with pits as per instructions
for cor to Sec 7, 12, 13 & 18
Surface rolling Soil 3 Cl sale
Prairie

Between Ranges 56 & 57 West.

North on a true line between Sections 7 + 12
Va 15° 10' East.

40. 00 Set a Limestone 13 + 12 + 5 ins for
1/4 Sec corner

80. 00 Set a Limestone 23 + 9 + 4 ins for
corner to Sec 1. 6. 7 + 12.
Land rolling. Soil 2 Cl sale
Prairie.

Township No 12 North
Between Ranges 56 and 57 West.

North between Sections 1 and 6
Va 15° 10' East

40.00 Set a Limestone 20 + 7 + 3 ins for ¼ Sec Cor.

80.00 Set a chert post in mound with pits as per instructions for closing ~~and Standard~~ corners to Sections 1 + 6 on the 3rd Standard Parallel N Township 12 N. Range 56 and 57 West.
Land Rolling, Soil 3rd rate
Prairie

September 9th 1869

General Description
This fractional Township is worth nothing except for gray and but little for that, it being so far from water. It is a rolling Prairie.

Range No 57 West.

Chains East on a true line along the South Boundary of Sec 36
Va 15° 10' East.

40.00 Set a Limestone 17 x 13 x 3 ins. for ¼ Sec Cor.

80.00 To corner to Townships 13 North. Ranges 56 & 57 West on the 7th Guide Mer. W.
Land gently rolling Prairie
Soil 2d rate.

October 23rd 1869

Between Ranges 56 & 57 West

Chains	Field Notes of Surveys of the 7th Guide Meridian West. Beginning at post on the 3rd Standard Parallel, corner to Townships 13 North Ranges 56 and 57 West. thence I run North at a Variation of 15° 10' East. viz
	North between Sections 31 and 36
	Va 15° 10' East
40.00	Set a chard post in Mound with pits as per instructions for 1/4 Sec cor.
80.00	Set a Limestone 21 x 15 x 8 ins for Cor to Sec 25. 30. 31 & 36. Land rolling Prairie; Soil 2nd rate.

Township No 13 North.

Chains	North between Sections 25 and 30
	Variation 15° 15' East.
40.00	Set a Limestone 18 x 12 x 4 ins for 1/4 Section Cor.
80.00	Set a Limestone 23 x 13 x 6 ins for Cor to Sec 19. 24. 25 & 30 Land rolling Prairie; Soil 2nd rate.

Between Ranges. 36 and 37 West.

Chains	
	North between Sections 19 and 24.
00.0	Va 15° 25' East.
00.95	Drain 25 links wide runs N.E.
40.00	Set a Limestone 17 x 14 x 3 ins. for ¼ Sec Cor.
80.00	Set a Limestone 25 x 14 x 4 ins. for Cor to Sec 13. 18. 19 & 24. Land rolling Prairie. Soil 2nd rate.

Township 13 North.

Chains	
	North between Sections 13 and 18
	Va 15° 28' East
40.00	Set a Limestone 16 x 15 x 4 ins. for ¼ Sec Cor
80.00	Set a Limestone 20 x 16 x 5 ins. for Cor to Sec 7. 12. 13 and 18. Land rolling Prairie; Soil 2nd rate.

Between Ranges 56 & 57 West

Chains	
	North between Sections 7 and 12. Va 15° 30' East.
40.00	Set a Limestone 16 x 12 x 3 ins for ¼ Sec Cor.
80.00	Set a Limestone 21 x 11 x 4 ins for Cor to Sec 1. 6. 7 & 12. Surface rolling. Prairie Soil 2nd rate.

Township 13 North.

Chains	
	North between Sections 1 and 6. Va 15° 29' East.
5.75	Drain 20 lks wide runs N 82° E.
40.00	Set a Limestone 19 x 10 x 4 ins for ¼ Sec Cor.
80.00	Set a Chain post in Mound with Pits as per instructions for Cor to Townships 13 and 14 North, Ranges 56 & 57 West. Surface gently rolling Prairie Soil 2nd rate.

Between Ranges 56 & 57 West.

Chains	
	From Corner to Township 13 and 14 North. Ranges 56 and 57 West. I run North between Sections 31 and 36
	Va 15° 29' East.
40.00	Set a Limestone 16 x 15 x 4 ins for ¼ Sec Cor.
80.00	Set a Limestone 19 x 17 x 6 ins for Cor to Sec 25. 30. 31 & 36.
	Land gently rolling Prairie
	Soil 3d rate.

Township No 14 North.

Chains	
	North between Sections 25 and 30
	Va 15° 28' East.
40.00	Set a Limestone 15 + 10 + 6 ins for ¼ Sec Cor.
59.50	Drain 15 lks wide runs East.
80.00	Set a Limestone 20 x 11 x 7 ins for Cor to Sections 19. 24. 25 & 30.
	Land gently rolling Prairie.
	Soil 2d rate.

Between Ranges 56 & 57 West

Chains	
	North between Sections 19 and 24 Va 15° 28' East.
40.00	Set a Chaned post in Mound with Pits as per instructions for ¼ Sec Cor.
80.00	Set a Limestone 23 x 12 x 3 ins for Cor to Sec 13, 18, 19 & 24. Surface gently rolling Prairie. Soil 2nd rate.

Township No 14 North.

Chains	
	North between Sections 13 and 18 Va 15° 27' East.
40.00	Set a Limestone 17 x 10 x 4 ins for ¼ Sec Cor.
80.00	Set a Limestone 19 x 14 x 5 ins for Cor to Sec 7, 12, 13 & 18. Land rolling Prairie. Soil 2nd rate.

Between Ranges 56 & 57 West

Chains	
	North between Sections 7 and 12 Va 15° 27' East
40.00	Set a Limestone 18 x 12 x 3 ins for 1/4 Sec Cor.
80.00	Set a Limestone 20 x 12 x 4 ins for Cor to Sec 1, 6, 7 & 12. Land rolling Prairie Soil 2d rate.

Township 14 North.

Chains	
	North between Sections 1 and 6 Va 15° 27' East.
40.00	Set a Chand post in Mound with Pits as per instructions for 1/4 Sec Cor.
41.10	Drain 10 lks wide runs N E.
50.00	Enter Lodge Pole Bottom bears East and West.
80.00	Set a Chand post in Mound with Pits as per instructions, for Cor to Township 14 & 15 North, Ranges 56 and 57. West. Land rolling = except Bottom which is level. Prairie Soil 2d rate.

September 10th 1869

Between Ranges 56 & 57 West.

Chains	
	From Corner to Townships 14 & 15 North. Ranges 56 and 57 West. I run. North between Sections 31 and 36
	Va 15° 35' East.
37.60	Lodge Pole creek 30 lks wide runs S 80° E.
40.00	Set a chained post in Mound with Pits as per instructions for ¼ Sec Cor.
51.85	Waggon Road bears East & West.
53.25	To the Center of the U. P. R. R track bears N 85° E.
80.00	Set a chained post in Mound with Pits as per instructions for Cor to Secs 25, 30, 31, & 36. Land level Soil 1st rate Prairie,

Township No 15 North.

Chains	
	North between Sections 25 and 30.
	Va 15° 38' East.
24.50	Leave Lodge Pole Bottom bears East and West
40.00	Set a chained post in Mound with Pits as per instructions for ¼ Sec Cor.
80.00	Set a Limestone 20 x 12 x 5 ins for Cor to Secs 19, 24, 25 & 30. Land - Except Bottom. Broken. Prairie, Soil 3rd rate.

Between Ranges 56 & 57 West.

Chains	
	North between Sections 19 and 24 Va 15° 38' East.
22.75	Drain 30 lks wide runs S 70° E.
40.00	Set a Limestone 19 + 11 + 4 ins for ¼ Sec Cor.
80.00	Set a chained post in Mound with pits as per instructions for Cor to Sec 13, 18, 19 & 24. Land broken. Prairie. Soil 3rd rate.

Township No 15 North.

Chains	
	North between Sections 13, and 18 Va 15° 38' East.
40.00	Set a Limestone 17 + 14 + 3 ins for ¼ Sec Cor.
80.00	Set a Limestone 18 + 15 + 4 ins for Cor to Sec 7, 12, 13 & 18. Land broken Prairie. Soil 3rd rate.

87.

Between. Ranges 56 & 57 West.

Chains	
	North between Sections 7 and 12 Va 15° 39' East.
40.00	Set a Limestone 16 x 15 x 4 ins for ¼ Sec Cor.
80.00	Set a Limestone 23 x 12 x 3 ins for Cor to Sec 1. 6. 7 & 12. Land rolling Prairie. Soil 2d rate.

88.

Township No 15 North.

Chains	
	North between Sections 1 and 6 Va 15° 39' East.
40.00	Set a Limestone 15 x 13 x 3 ins for ¼ Sec Cor.
80.00	Set a Stand post in Mound and dug Pits as per instructions for Cor to Townships 15 and 16 North. Ranges 56 and 57 West. Land rolling; Prairie; Soil 2d rate.

Oct 16th 1869

Between Ranges 56 & 57 West

Chains	
	From Corner to Townships 15 and 16 North, Ranges 56 & 57 West 4 rem.
	North between Sections 31 and 36.
	Va 15° 40' East.
40.00	Set a Limestone 16 x 12 x 4 ins for ¼ Sec Cor.
80.00	Set a Limestone 21 x 13 x 3 ins for Cor to Sec 25. 30. 31 & 36.
	Land rolling; Prairie; Soil 2d rate.

Township No 16 North.

Chains	
	North between Sections 25 and 30.
	Va 15° 42' East.
40.00	Set a Limestone 15 x 14 x 4 ins for ¼ Sec Cor.
80.00	Set a Limestone 23 x 11 x 3 ins for Cor to Sec 19. 24. 25 & 30.
	Land rolling Prairie; Soil 2d rate.

Between Ranges 56 and 57 West

Chains	
	North between Sections 19 and 24 Va 15° 45' East.
40.00	Set a Limestone 17 x 12 x 3 ins for ¼ Sec Corner.
80.00	Set a Limestone 24 x 13 x 4 ins for Cor to Secs 13. 18. 19 & 24. Land rolling; Soil 2d rate Prairie.

Township No 16 North.

Chains	
	North between Sections 13 and 18 Va 15° 45' East.
40.00	Set a chained post in Mound with pits as per instructions for ¼ Sec Cor.
80.00	Set a Limestone 20 x 10 x 3 ins for Cor to Secs 7. 12. 13 & 18. Land rolling Prairie: Soil 2d rate.

Between Ranges 56 and 57

Chains	
	North between Sections 7 and 12. Va 15° 45' East.
40.00	Set a Limestone 16 x 12 x 3 ins for 1/4 Sec Cor.
80.00	Set a Limestone 18 x 10 x 4 ins for Cor to Sec 1. 6. 7 & 12. Land gently rolling. Prairie Soil 2d rate.
	North between Sections 1 and 6. Va. 15° 45' East
40.00	Set a charred post in mound of with pits as per instructions for 1/4 Sec. cor
80.00	Set a charred post in mound with pits as per instructions for closing corner to Townships 16 North, Ranges 56 and 57 west on 4th Standard Parallel North Land gently rolling prairie soil 2d rate Oct 19th 1869

Exd. S.

T.B.

Field Notes
of
The Survey
of
The 7th Guide Meridian west
from the
Fourth to the Fifth Standard Parallel North
In the State of Nebraska

Executed by

Enos H. Gray, Deputy Surveyor, under joint Contract No. 65, wherein Enos H. Gray and John A. Hays are joint contractors, bearing date July 11th 1872

Survey

Commenced September 16th 1872
Completed September 17th 1872

List of Names

A list of the names and duties of assistant

Corson Harris
Arthur L. Statel
W. H. Robinson
T. C. Prather
} Chainmen

Casper Youd } Axman

J. H. Bowman } Flagman

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Seventh Guide Meridian West
Township No. 17 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	Begin at the post the established Stand=ard corner to township 17 North, ranges 56 and 57 West on the 4th Stand=ard Parallel, North, the mound and pits remaining, and the posting standing, From which I run, North, on the range line, between sections 31 and 36 variation by Gurley's improved solar compass, 16° 15' East
40,00	Set a lime stone, 14 x 12 x 3, for 1/4 sec. cor.
80,00	Set a lime stone, 16 x 12 x 3, for corner to sections 30, 31, 25 and 36 Land level, good 2d rate soil, good buffalo and prarie grasses, this land is fit for agriculture
	North, between sections 25 and 30 va 16° 15' East
40,00	Set a lime stone 14 x 12 x 3, for 1/4 sec. cor.
80,00	Set a lime stone 17 x 13 x 4, for

5

Seventh Guide Meridian West
Township No. 17 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	corner to sections 19, 30, 24 and 25 Land level, good 2d rate, good for agriculture, vegetation buffalo and prarie grasses
	North, between sections 19 and 24 va. 16° 15' East
40,00	Set a lime stone, 14 x 12 x 3, for 1/4 sec. cor.
80,00	Set a lime stone 16 x 13 x 4, for corner to sections 18, 19, 24 and 13 Land level, good 2d rate, fit for agriculture, good buffalo and prarie grasses
	North, between sections 13 and 18 va. 16° 15' East
40,00	Set a lime stone, 14 x 12 x 4, for 1/4 sec. cor
80,00	Set a lime stone 17 x 11 x 3, for corner to sections 7, 18, 12 and 13 Land level good 2d rate soil

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Seventh Guide Meridian West -
Township No 17 N. Between Ranges 56 & 57 W. 6th P.M.

Chains		
		and good buffalo and other grasses
		North, between Sections 7 and 12 Va, 16° 15' East
40.00		Set a lime Stone, 14 X 12 X 4, for 1/4 Sec, Cor,
80.00		Set a lime stone, 15 X 12 X 4, for corner to Sections 6, 7, 10 and 12
		Land level, soil 2d rate, fit for agriculture, and produces good prarie and buffalo grasses
		North, between Sections 1 and 6 Va 16° 15' East
40.00		Set a lime stone, 14 X 12 X 4, for 1/4 Sec, cor,
80.00		Set a lime stone, 18 X 13 X 8 and raised around the same a mound of lime stone, for

7

Seventh Guide Meridian West -
Township No. 17 N. Between Ranges 56 & 57 W. 6th P.M.

		corner to Township 17 and 18 N. to ranges 56 and 57 West
		Land level, 2d rate soil, good buffalo and prarie grasses

Seventh Guide Meridian West
Township No. 18 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	From the corner to townships 17 and 18 north, ranges 56 and 57 W. north, on the range line, between sections 31 and 36 va 16° 15' East
13,00	Leave level land and begin to ascend a ridge bears East and West
27,00	Top of of ridge 30 feet high above the level land
35,00	Foot of ridge and enter broken land bearing lime stone
40,00	Set a lime stone, 14 X 12 X 3, for 1/4 sec. cor
80,00	Set a lime stone 14 X 12 X 4, for corner to sections 30, 31, 25 and 36 Land mostly broken, soil 2d rate, producing good prarie grasses, lime stone is found here but no regular ledges are in sight

North, between sections 25 and 30

Seventh Guide Meridian West
Township No 18 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	va. 16° 15' East
40,00	Set a lime stone 14 X 12 X 3, for 1/4 Section corner
80,00	Set a lime stone 16 X 12 X 4 for corner to sections 19, 30, 24 and 25 Land broken, 2d rate soil, good for agriculture, contains some lime stone

North, between sections 19 and 24
va 16° 15' East

40,00	Set a lime stone 14 X 12 X 3, for 1/4 sec. cor.
65,00	Enter a belt of pines (very scattering) bears East and West
72,00	Leave belt of pines and broken land and enter a wide valley bears East and west
80,00	Set a lime stone 15 X 13 X 5, for corner to sections 18, 19, 13 and 24 Land mostly broken, good 2d rate soil and good grasses

Seventh Guide Meridian West
Township No. 18 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	North, between Sections 13 and 18 va 16° 15' East
40,00	Set a lime stone, 14 X 12 X 4. for 1/4 Sec. cor,
80,00	Set a lime stone 14 X 12 X 3. for corner to Sections 7, 18, 12 and 13
	Valley land, level and Prairie soil good for agriculture

	North, between Sections 7 and 12 va, 16° 15' East
40,00	Set a lime stone 14 X 12 X 3. for 1/4 Sec. cor,
80,00	Set a lime stone, 16 X 14 X 5. for corner to Sections 6, 7, 1 and 12 Land level. Prairie well adapted to agriculture and produces first rate prairie grasses

	North, between Sections 1 and 6

Seventh Guide Meridian West
Township No. 18 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	va, 16° 15' East
40,00	Set lime stone, 15 X 12 X 3. for 1/4 Sec. cor,
80,00	Set a lime stone 18 X 16 X 6. and raised a mound of lime stone around the same, as per instructions for corner to townships 18 and 19 North ranges 56 and 57 West

Seventh Guide Meridian West

Township No. 19 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	From the corner to townships 18 and 19 North ranges 56 and 57 West, I run north, on the range line, between sections 31 and 36
	Va. 16° 18' East
40,00	set a lime stone, 14 x 12 x 3, for 1/4 sec. cor.
77,75	Dry bed of creek 400 ch. wide runs S.W.
80,00	set a lime stone 16 x 11 x 7, for corner to sections 30, 31, 25 & 36
	Land level Prate, fit for agriculture
	North, between sections 25 and 30
	Va 16° 18' East
40,00	set a lime stone 13 x 13 x 5, for 1/4 sec. cor
80,00	set a lime stone 15 x 11 x 6, for cor. to sections 19, 30, 24 and 25
	Land level, good soil, Prate, good prairie grass

Seventh Guide Meridian West

Township No. 19 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	North, between sections 19 and 24
	Va. 16° 21' East
40,00	set a lime stone, 14 x 12 x 3, for 1/4 sec. cor.
80,00	set a lime stone, 15 x 12 x 4, for corner to sections 18, 19, 13 and 24,
	Land level Prate good for agriculture, produces good prairie grasses
	September 16th 1872
	North, between sections 13 and 18
	Va. 16° 21' East
40,00	set a lime stone 14 x 14 x 3, for 1/4 sec. cor ner
Note —	From this quarter section corner East about 40 chains near a clump of cotton woods is a Spring brook good water which runs East
80,00	set lime stone 15 x 11 x 5, for corner to sections 7, 18, 12 & 13
	Land level, good soil and grasses

Seventh Guide Meridian West
Township 19 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	North, between Sections 7 & 12 Va. 16° 21' East
40,00	Set a post, deposited a pint of char-coal, and raised a mound of earth, with pits, as per instructions, for 1/4 Sec. Cor.
80,00	Set a post, deposited a pint of charcoal and raised mound, with pits, as per instructions, for corner to Sections 6, 7, 1 and 12 Land level, Prairie soil, good grasses
	North, between Sections 1 and 6 Va 16° 21' East
40,00	Set a post, deposited a pint of char-coal and raised a mound, with pits, as per instructions, for 1/4 Sec. Cor.
80,00	Set a post, deposit a pint of charcoal and raised a mound, with pits, as per instructions, for corner to Towns hips 19 and 20 North ranges 56 and 57 West Land level, Prairie soil, good grasses

Seventh Guide Meridian West
Township 20 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	From the corner to Townships 19 and 20 North, ranges 56 and 57 West, North on the range line, between Sections 31 and 36 Va. 16° 21' East
40,00	Set a post, deposited a pint of charcoal and raised a mound, with pits, as per instructions, for 1/4 Sec. Cor.
80,00	Set a post, deposited a pint of charcoal and raised a mound, with pits, as per instructions, for corner to Sections 30, 31, 25 and 36 Land level, good rich soil well adapted to agriculture and produces good prairie grasses
	North, between Sections 25 and 30 Va. 16° 21' East

Seventh Guide Meridian West

Township No. 20 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
18.00	a dry creek bed, having the appearance of containing water above and below runs East
40.00	Set a post, deposited a pint of charcoal and raised a mound, with pits, as per instructions, for 1/4 Sec. cor
80.00	Set a post, deposit a pint of charcoal and raised a mound, with pits, as per instructions, for Corner to Sections 19, 30, 24 and 25 Land level, Prate soil producing good prairie grasses

North, between Sections 19 and 24

Va 16° 21' East

40.00	Set a post, deposited a

Seventh Guide Meridian West

Township No. 20 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	pint of charcoal, and raised a mound, with pits, as per instructions, for 1/4 Sec. cor.
80.00	Set a post, deposit a pint of charcoal and raised a mound, with pits, as per instructions, for corner to Sections 18, 19, 13 and 24 Land level, Prate soil produces good prarie grasses and is good for cultivation

North, between Sections 13 & 18

Va. 16° 21' East

1.00	Leave level land and begin to ascend high hill, bears East and West
17.00	To the foot of perpendicular bluff of hardened clay, (with Stratas of lime stone, imbedded therein) 50 feet high bears East and West
40.00	Set lime stone 14 X 12 X 5, for 1/4

Seventh Guide, Meridian West
Township No. 20 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	Sec. Cor. from which a red Cedar, 18 in. dia. bears S. 34° W. 79 links dist. No other trees convenient to mark
42.00	Top of hill 300 feet high above the valley below, and here enter scattering Cedar and pine bears East and West
73.15	To bed of canon and begin to ascend hill bears S & E and N. W.
80.00	Set a lime stone 14 x 13 x 4, for corner to sections 7, 18, 12 and 13, from which a pine, 18 in diam bears S 70° W. distant 64 links; a pine 12 in. diam, bears N. 75° W. 98 links distant; A red Cedar 12 in. dia, bears S. 78° E. 62 links dist.; A red Cedar, 15 in. dia, bears N 25° East, distant 45 links Land very broken, ledges of hardened clay with strata of lime stone cropping out

Seventh Guide Meridian West
Township No. 20 N. Between Ranges 56 & 57 W. 6th P.M.

Chains	
	the same abounds, scattering low pines and red cedar is to be found along the north half of this mile of line, the soil is 3d rate produces good bunch grass on the sides of the hills and canons
	North, between sections 7 and 12 Va 16° 21' East
4.00	Top of hill 200 feet above bed of the canon, here enter high level land, bears East and West and have scattering pines and cedar
30.00	an Indian trail bears East and west; ~~this trail leads to the Sioux agency, in Dakota Territory, from the hunting grounds on the South Fork of Platte River~~
40.00	Set a post, deposited a pint of charcoal and raised a mound, with pits, as per instruction, for 1/4 Sec. Cor
66.50	Leave level land and descend into canon bears E & W

Seventh Guide Meridian West
Township No 20 N, Between Ranges 56 & 57 W. 6th P. M.

Chains	
63,00	Bed of canon, begin to ascend abrupt bluff
71,50	Top of bluff, 200 feet above the canon, bears East & West
80,00	Set a lime stone, in bed of canon, 17x15x8, for corner to Sections 6, 7, 1 and 12 Land very broken, with good bunch grass, except the first half of the mile, which is mostly level and high soil Prairie producing good prairie grass

North, between Sections 1 and 6
On 16° 23' East

9,00	Top of bluff, 200 feet high above its canons
20,30	Bed of canon runs east, here enter scattering pines
25,00	Top of hill, 100 feet above canon
40,00	Set a post, deposited a pint of charcoal and raised a mound, with stones, as per instructions for 1/4 sec. cor. from which

Seventh Guide Meridian West
Township No. 20 N, Between Ranges 56 & 57 W. 6th P. M.

Chains	
	a pine, 20 in. dia, bears N 14° W. 4,60 ch. dist; No other tree convenient to mark
71,25	a pine tree 20 in. dia,
80,00	Set lime stone 24x10x8, around which I raised a mound of lime stone, for closing corner to Township 20 North, range 56 & 57 W. on the 5th Standard Parallel North, from which a pine 10 in. dia, bears N 20° E 1,35 links dist; a pine 12 in. dia, S. 31° E. 71 links dist; a pine 8 in. dia, S. 40° W 80 links dist; No other tree convenient to mark

September 17th 1872

General Description

The land noted as bad land at the south end of this line is high and dry. Still the soil seems moist and I think it fit for cultivation; the wide valley noted is of the best of land, and is well watered by a spring brook rising near the line and running east through the valley, this valley is bordered by belts of broken country on the north and south, which bear lime stone and some timber and will furnish good shelter for herds. The lime stone is of an inferior quality, but good for building, to be used as building stone

A list of the names of the individuals employed in running, measuring or marking the lines and corners described in the foregoing field notes of the 7th Guide Meridian West of the 6th P. M. between the 4th and 5th Standard Parallel North, in Nebraska, showing the respective capacities in which they acted: Carson Harris; Arthur L. Stahl: W. H. Robinson: J. E. Prather: each Chainman: Casper Yong, Axman J. H. Bowman, Flagman —

We hereby certify, that we assisted Enos F. Gray, Deputy Surveyor, in surveying the Seventh Guide Meridian West of the 6th Principal Meridian, in Nebraska, from the fourth to the fifth Standard Parallel North, and that said Meridian was run 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

Carson Harris	Chainman
Arthur L Stahl	Chainman
W. H. Robinson	Chainman
J E Prather	Chainman
Casper Yong	Axeman
J H Bowman	Flagman

Subscribed and sworn to by the above named persons, before me, clerk of the District Court for the County of Cheyenne, in the State of Nebraska this 2d day of November 1872 at Sidney, in the said County of Cheyenne

L. Connell, Clerk of the District Court for Cheyenne County Nebraska

I Enos F. Gray, Deputy Surveyor, do solemnly swear, that, in pursuance of a joint contract wherein Enos F. Gray and John A. Hays are joint contractors with E. E. Cunningham, United States Surveyor General, for the District of Nebraska and Iowa, bearing date, July 11th 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 Seventh Guide Meridian 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 accordance with the surveying manual and printed instructions, and that the foregoing are the true and original field notes of such survey

Subscribed and sworn to by Enos F. Gray Deputy Surveyor the said Enos F. Gray, before me clerk of the District Court for Dodge County, in the State of Nebraska this 30th day of November 1872

J. J. Hawthorne
Clerk District Court for Dodge County State of Nebraska

Surveyor Generals Office
Plattsmouth 187

The foregoing Field notes of the Survey of the 7th Guide Meridian West from the fourth to the fifth Standard Parallel North in the State of Nebraska, Executed by Enos. F. Gray under Joint Contract No 65 dated July 11, 1872 Wherein Enos. F. Gray & John N. Hays are joint Contractors in the month of September 1872. having been critically examined the necessary corrections and explanations made the said field notes and the Surveys they describe are hereby approved

E. E. Cunningham
Surveyor General.

7th G.M.M.
30 & 31st

(P.)

Field Notes
of the
Survey & Establishment
of the
Seventh Guide Meridian West
from the
5th to 6th Standard Parallel North
in the
State of Nebraska
Executed
by Deputy Surveyor under
Contr No. 106. dated July 17th 1877.

Survey
Commenced August 30th 1877
Completed " 31st 1877

List of Names
and duties of Assistants

Edgar Frazier
Edward B Frazier
Alfred Sullivan
Henry Hirz
Wm H Gingery
E H Sprague

} Chainmen

Monumenter

5th Guide Meridian W.

Township 21 N. 13th Ranges 56 & 57

chs.	
	From the post, the established cor to Township 21. N. on 5th Standard Parallel, Ranges 56 & 57 West run North on true line between Secs. 31 & 36 Va 15° 20' E.
40	Set sandstone 16 X 10 X 9 in made pits for qr Sec. cor in Drain. 10 chains below in drain are some pines
80	Raise mound of earth 3 ft high from pits 18 X 2 X 12 in deep drove cedar stake 2 X 2 in X 2 ft in S. E. pit for cor to Secs. 25 30. 31 & 36
	Land high rolling prairie soil 1st rate

7th Guide Meridian W.

Township 21 N. Betn Ranges 56 & 57

chs.		
		North on true line between Secs. 25 & 30 Va 15°20' E.
30		Ravine bears N.W. pine timber west of line
40		Set Sandstone 16x9x8 and made pits 18x24x12in for gr sec. cor.
67.		Dry bed of Kiowa Creek 30 lks wide bears N.W. 20 chains down creek plenty of good water.
80		Set Sandstone 28x12x9 ~~for cor~~ made pits 18x24x12in deep for cor to Secs. 19. 24. 25 & 30
		Land rolling 2d rate

7th Guide Meridian W.

Township 21 N. Betn Ranges 56 & 57

chs		
		N. on true line between Secs. 19 & 24 Va 15°20' E.
		Leave Creek, Bottom & Enter high range of hills N.W. & S.E.
30		Drain bears West
40		Set a Sandstone 16x10x8 & made pits 18x24 x 12in deep for gr. Sec cor.
61		Top of Ridge E & W.
65		Enter Valley E & W.
79	30	Drain N.W. bears to Creek 25 chs. —
80		Raise mound of earth 3ft high from pits 18x24x12in deep and drove Cedar stake 2x2in x 2ft in S.E. pit for cor to Secs 13. 18. 19 & 24
		Land rolling broken 3d rate. scattering pine Bluffs —

7th Guide Meridian W.

Township 21. N. Between Ranges 56 & 57

chains	
	N. on true line betn Secs. 13 & 18 Va 15°20' E.
20	Top of ridge E & W.
30	Drain E.
40	Sandstone 12x10x9 and made pits 18x24x12in deep on side hill for gr Sec cor
52	Top of Ridge N.W. & E
64	Enter Valley N.W.
80	Raise mound of earth 3ft high from pits 18x24x12in deep and drove cedar post 2x2in x2ft in S.E. pit for cor to Secs. 7. 12, 13 & 18.
	Land rolling 1st rate

7th Guide Meridian W.

Township 21. N. Between Ranges 56 & 57

chains	
	N on true line between Secs. 7 & 12 Va 15°20' E.
1	
10	Top of Ridge N.W.
20	Leave Ridge & Enter Valley E & N.W.
40	Raise mound of earth 2ft high from pits 18x24x12in deep for gr Sec cor
80	Raise mound of earth 3ft high from pits 18x24x12in deep & drove cedar stake 2x2in x2ft in S.E. pit for cor to Secs. 1. 6. 7 & 12
	Land rolling 1st rate

7th Guide Meridian W.

Township 21. N. Between Ranges 56 & 57

chs		
		N. on true line between Secs. 1 & 6 Va 15° 20 E.
31		Trail N.W. from N.E.
40		Raise mound of earth 2 ft high from pits 18 x 24 x 12 in deep for gr Secs. cor
50	40	Rubido Trail N W & E. this is the old California Trail running through the Gap in the hills which is 3/4 of a mile S.E. and called the Rubido gap
80.		Raise mound of earth 3 ft high from pits 24 x 24 x 12 in deep & drove cedar stake 3 x 3 in x 3 ft in S E pit for cor to Townships 21 & 22 N. Rs. 56 & 57 W.

7th Guide Meridian W.

Township 22 N. Between Ranges 56 & 57

chains	
	N. on true line between Secs. 31 & 36 Va. 15° 20' E.
40	Raise mound of earth 2 ft high from pits 18 x 24 x 12 in deep for gr Secs. cor
80	Raise mound of earth 3 ft high from pits 18 x 24 x 12 in deep and drove cedar stake 2 x 2 in x 2 ft in S. E pit for cor to Secs. 25. 30. 31 & 36.
	Land gently rolling Soil 1st rate

7th Guide Meridian W

Township 22 N. Betn Ranges 56 & 57

chains	
	N on true line between Secs. 25 & 30 Va 15°20' E.
10	Drain N.W. } near head
21	" " " } near head
40	Raise mound of earth 2ft high from pits 18 x 24 x 12in deep for qr. Secs cor
64	Drain with Springs at head N.W.
80	Raise mound of earth 3ft high from pits 18 x 24 x 12in deep and drove cedar stake 2 x 2in x 2ft in S.E. pit for cor to Secs. 19. 24 & 25 & 30
	Land rolling 2d rate.

7th Guide Meridian W.

Township 22 N. Betn Ranges 56 & 57

chs	
	N on a true line between Secs. 19 & 24 Va 15°20' E.
40	Raise mound of earth 2ft high from pits 18 x 24 x 12in deep for qr. Sec cor
80	Raise mound of earth 3ft high from pits 18 x 24 x 12in deep & drove cedar post 2 x 2in x 2ft in S.E. pit for cor to Secs. 13. 18. 19 & 24.
	Land rolling 2d rate

7th Guide Meridian W.

Township 22 N. Betn Ranges 56 & 57

chs		
		N on true line between Secs. 13 & 18 Va 15° 20' E.
23		Frassy Drain N.E. empties into Bottom
40		Raise mound of earth 2ft high from pits 18 X 24 X 12 in deep for gr Sec cor
80.		Raise mound of earth 3ft high from pits 18 X 24 X 12 in deep & drove cedar stake 2 X 2 in X 2ft in S. E. pit for cor to Secs. 7, 12, 13 & 18,
		Land rolling 2° rate
		Aug 30, 77

7th Guide Meridian W.

Township 22 N. Betn Ranges 56 & 57

chs.		
		N. on true line between Secs. 7 & 12 Va 15° 20' E.
40		Raise mound of earth 2ft high from pits 18 X 24 X 12 in deep for gr Sec cor
80		Raise mound of earth 3ft high from pits 18 X 24 X 12 in deep drove cedar post 2 X 2 in X 2ft in S.E. pit for Cor to Secs. 1, 6, 7 & 12
		Land rolling 2° rate

7th Guide Meridian W.

Township 22 N. Betn Ro. 56 & 57

chs.		
		N. on true line betn Secs. 1 & 6 Va 15°20' E.
40		Raise mound of earth 2 ft high from pits 18 X 24 X 12 in deep for qr Sec cor
80		Raise mound of earth 2 ft high from pits 24 - / 24 - / 12 in deep drove Cedar post 3 X 3 in X 2 ft in S.E. Pit for cor to Secs. 1. 6. 31 & 36 To. 22 & 23 N. Rs. 56 & 57 W.
		Land rolling 2d rate,

7th Guide Meridian W.

Township 23 N. Betn Ranges 56 & 57

chs.		
		N. on true line betn Secs. 31 & 36 Va 15°20' E.
40		Raise mound of earth 2 ft high from pits 18 X 24 X 12 in - deep for qr Sec cor
70		Leave Rolling prairie N.W. & S.E. enter River bottom
80		Raise mound of earth 2 ft high from pits 18 X 24 X 12 in deep drove Cedar post 2 X 2 in X 2 ft in S.E. pit for cor to Secs. 25 30 & 31 & 36.
		Land rolling 2d rate

7th Guide Meridian W.

Township 23 N. Betn Ranges 56 & 57

chs	
	Non true line betn Secs. 25 & 30
	Va 15° 20' E.
7	Mormon trail N.W. S.E.
40	Raise mound of earth 2 ft high from pits 18 x 24 x 12 in deep for qr See cor
* 63	Right bank of N. Platte River &
	Raise mound of earth 2 ft high from pit 24 x 24 x 12 in deep ~~rest~~ drove cedar stake 2 x 2 in x 2 ft in pit for Meander Cor to fractl Secs. 25 & 30 chain across
80	Point for cor to Secs. 19. 24. 25 & 30 falls in River & cannot be established —
	Land level Bottom soil 1st rate

* See field notes of Exterior Township line between Towns. 23 and 24 N. Range 57 W. — by Robt. Harvey — 1880; where remeasurement of 7th G. M. W. in Township 23 between Ranges 56 and 57 W. will be found. See note page ---

Book 63 pp. 412 et seq.

7th Guide Meridian W.

Township 23 N. Betn Ranges 56 & 57

chs	
	From point for cor to Secs. 25, 30, 19 & 24 Down
	N. on true line betn Secs. 19 & 24
	Va 15° 20' E.
5	80 North bank N Platte River &
	Raise mound of earth 2½ ft high from pit 24 x 24 x 12 in deep & drove cedar stake 2 x 2 in x 2 ft in pit for Meander Cor to fractl Secs. 19 & 24
10	Slough of Platte River 150 lks wide SW & SE
20	Mormon Trail S.E. & N.W.
40	Raise Mound of earth 2 ft high from pits 18 x 24 x 12 in deep for qr See cor
46	Wagon road to Spotted tail agency
80	Raise mound of earth 3 ft high from pits 18 x 24 x 12 in deep & drove cedar stake 2 x 2 in x 2 ft in S.E. pit for cor to Secs 13, & 18. 19 & 24
	Land level bottom soil 1st rate

7th Guide Meridian W.

Township 23 N. Betwn Ranges 56 & 57

chs.	
	N. on true line betn Secs. 13 & 18 Va 15°20' E.
40	Raise mound of earth 2 ft high from pits 18 X 24 X 12 in deep for gr Sec cor
55	Leave River bottom W & S.E.
80	Raise mound of earth 3 ft high from pits 18 X 24 X 12 in deep drove cedar stake 2 X 2 in X 2 ft in S. E pit for corth Secs. 7. 12. 13 & 18. Land level soil 1st rate

7th Guide Meridian W.

Township 23 N. Betn Ranges 56 & 57

chs	
	N on true line betn Secs. 7 & 12 Va. 15°20' E.
40	Raise mound of earth 2 ft high from pits 18 X 24 X 12 in deep for gr Sec cor
80	Raise mound of earth 3 ft high from pits 18 X 24 X 12 in deep and drove Cedar post 2 X 2 in X 2 ft in S.E. pit for cor to Secs. 1. 6. 7 & 12 Land level 2nd rate

7th Guide Meridian W.

Township 23 N. Between Ranges 56 & 57

chs	
	N. on true line between Secs. 1 & 6 Va 15°20' E.
40	Raise mound of earth 2ft high from pits 18 x 24 x 12in deep for Gr Sec. cor
80	Raise mound of earth 3ft high from pits 24 x 24 x 12in deep drive cedar stake 3 x 3" x 3ft in S.E. pit for cor to Secs. 1. 6. 31 & 36. T. 23 & 24 N. Ranges 56 & 57 W. Land rolling 3d rate

7th Guide Meridian W.

Township 24 N. Ranges. 56 & 57

chains	
	N. betn Secs. 31 & 36. on true line Va 15°20' E.
40	Raise mound of earth 2ft high from pits 18 x 24 x 12in deep for gr Sec. cor.
80	Raise mound of earth 3ft high from pits 18 x 24 x 12in deep, drive cedar stake 2 x 2in x 2ft in S.E. pit for cor to Secs 25. 30. 31 & 36. Land level soil 2d rate

7th Guide Meridian W.

Township 24 N. Betn Ranges. 56 & 57

chs		
		N. on true line between Secs. 25 & 30 Va 15°20' E.
40		Raise mound of earth 2ft high from pits 18 X 24 X 12in deep forgr. Sec. cor.
65		Drain S.W.
80		Raise mound of earth 3ft high from pits 18 X 24 X 12in deep & drove Cedar stake 2 X 2in X 2ft in S.E. pit for cor. to Secs. 19, 24, 25 & 30
		Land gently rolling soil 2d rate

7th Guide Meridian W.

Township 24 N. Betn Ranges 56 & 57

chs		
		N. on true line between Secs. 19 & 24 Va 15°20' E.
40		Raise mound of earth 2ft high from pits 18 X 24 X 12in deep forgr. Sec. cor.
50		Drain S.E.
80		Raise mound of earth 3ft high from pits 18 X 24 X 12in deep drove cedar stake 2 X 2in X 2ft in S.E. pit for cor. to Secs. 13, 18, 19 & 24
		Land gravelly 3d rate

7th Guide Meridian W.

Township 24 N. Betn Ranges 56 & 57

chs		
		N. on true line between Secs. 13 & 18. Va 15°20' E.
40		Raise mound of earth 2ft high from pits 18 X 24 X 12in deep for gr Sec cor
50		Drain S.E.
80		Raise mound of earth 3ft high from pits 18 X 24 X 12 in deep & drove cedar stake 2 X 2in X 2ft in S.E. pit for cor to Secs. 7. 12. 13 & 18
		Land rolling 2d rate

7th Guide Meridian W.

Township 24 N. Betn Ranges 56 & 57

chs		
		N. on true line between Secs. 7 & 12. Va 15°20' E.
40		Raise mound of earth 2ft high from pits 18 X 24 X 12in deep for gr Sec. cor
80		Raise mound of earth 3ft high from pits 18 X 24 X 12in deep drove cedar stake 2 X 2in X 2ft in S.E pit for cor to Secs. 1. 6. 7 & 12
		Land rolling 2d rate

7th Guide Meridian W.

Township 24 N. Betn Ranges 56 & 57

chs	
	N on true line betn Secs 1 & 6
	Va 15°20' E.
40	Raise mound of earth 2 ft high from pits 18 x 24 x 12 in deep forgr see cor
74	Top of ridge N.W. & S.E.
80	Raise mound of earth 3 ft high from pits 24 x 24 x 12 in deep for closing Cor to Towns 24 N Ranges 56 & 57 W. on the 6th Standard Parallel N.
	10 chs N of this line is a large Valley or Basin
	Rolling 2d rate.
	Aug 31st 1877

General Description

The first four miles of this line runs through hilly land covered with pine and the drains and Ravines with Cedar. The Timber though not large or heavy is Valuable the balance of the line runs through first rate grazing and farming land in last few miles in Township 24. the Land gets gravelly ~~and~~ hills are composed of cobble stone covered with good grass. The soil ranges from 1st to 3d rate - plenty of water found on either side of line

List of Names

A list of the names of the individuals employed to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the Seventh Guide Meridian West from the 5th to the 6th Standard Parallel N., showing the respective capacities in which they acted —

Edgar Frazier
Edward B Frazier
Albert Sullivan
Henry Hirz
} Chainmen

Wm H Gingery
E H Sprague
} Monumenter

We do hereby certify that we assisted deputy Surveyor in Surveying and establishing the Seventh Guide Meridian West from the 5th to 6th Standard Parallel North in Nebraska and that said Guide Meridian has been in all respects to the best of our knowledge & belief well and faithfully Surveyed and the boundary Monuments planted, according to the instructions of the Surveyor General of dimensions character, constructions & marking and in the manner as specifically described in the foregoing field notes

Edgar Frazier
Edward B Frazier
Albert Sullivan

Henry Hirz
Wm H. Gingery
E H Sprague

Subscribed in my Presence & Sworn & before me by the above named Persons this 18th day of Oct 1877

A K Allen
County Clerk

I Alexander Schlegel Deputy Surveyor do solemnly swear that in pursuance of a joint Contract No. 106 wherein Martin B. Cutler Alexander Schlegel N. S. Scott & Wm Hardin are joint Contractors with Jno. L. Clark U. S. Surveyor General for the district of Nebraska Iowa bearing date the 17th day of July 1877 I have well, faithfully & truly, in my own proper person and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and Laws of the United States, Surveyed and established the 7th Guide Meridian West from the 5th to 6th Standard Parallels N. in the State of 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 have been established and perpetuated in strict accordance to the Surveying Manual and printed instructions and special instructions of the Surveyor General of dimensions character construction & marking and in the manner as specifically described in the foregoing field Notes & that the foregoing are the true and original field notes of such Survey

Alexander Schlegel Deputy Surveyor

Signed in my presence & sworn to before me this 3rd day of December 1877

Wm L Wells clerk of Dist Court Cass Co Neb

Surveyor Generals Office
Plattsmouth Neb Dec 5th 1877.

The foregoing field notes of the Survey and establishment of the 7th Guide Meridian W. from the 5th to the 6th Standard Parallel N. in the State of Nebraska, Executed by Alexander Schlegel deputy Surveyor under joint Contract No. 106. dated July 17 1877. for the month of August 1877. having been critically examined, the necessary corrections and explanations made, the said field notes of the surveys they describe are hereby approved.

Jno L Clark
Surveyor General

Seventh Guide Meridian
From
Sixth Standard Parallel
To
North Boundary.
Executed by
Robert Harvey
U.S. Deputy Surveyor
under
Joint Contract with N. J. Paul and
Robert Harvey - No. 114 and
dated May 19th 1880

T. P.

(PL.

Names and duties of Assistants

Wilson T. Frazier	Chainman
Ransford Wilcox	Chainman
Sam. Peoples	Chainman
John Wherrett	Chainman
Max Amendt	Cornerman
John L. Young	Cornerman
Horace Ingersoll	Flayman

(a.)

Field Notes
of the
Survey and establishment
of the Seventh Guide Meridian
West from the Sixth
Standard Parallel North
to the North boundary of
Nebraska, surveyed by Robert
Harvey, U. S. Deputy Surveyor, under
joint Contract bearing date the
19th day of May AD 1880
wherein Nicholas J. Paul,
Robert Harvey and Charles
A. Starkweather, are joint
Contractors with Geo. S. Smith
United States Surveyor General
for the District of Nebraska
and Iowa

7th Guide Meridian from 6th to 7th Standard
Township 25 N.

From the Standard Corner to Townships
25 North Ranges 56 and 57 West,
the same being the 5th initial point
for the 7th Guide Meridian, which
corner I find to be a Cedar post
~~2~~ 4 in x 4 ft. standing in mound of
gravel, I run on 7th Guide Meridian
North between secs 31 and 36
Variation by Burts improved
Solar Compass 15° 18' E.

1	50	Leave gravel ridge and enter Valley bears E & W.
40	00	Deposit charred stake, and raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor
80	00	Deposit charred stake and raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep, for 1/4 cor to secs 30, 31, 25 & 36 Drove marked ~~Pine~~ cedar stake 2 x 2 in x 2 ft in SE pit

Valley undulating-
Soil second rate-
Buffalo grass & cactus.
Good grazing land

North between secs. 25 and 30
Va 15° 18' E

40 00 Deposit charred stake and raised mound of earth 2½ ft. high from pits 24×24×12 in deep for 1/4 sec cor

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24×24×12 in deep
Doove marked Red Cedar stake 2×2 in × 2 ft in S E pit - Corner to secs. 19, 30, 24 & 25
Surface undulating
Soil secondrate
Good grazing land
covered with Buffalo grass

5

North between secs. 19 & 24
Va 15° 18' E.

30 20 Summit of gravel ridge bears SE & NW

40 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24×24×12 in deep for 1/4 sec. cor.

80 00 Set marked Limestone 16×12×3 in raised mound of earth 2½ ft high from pits 24×24×12 in deep for corner to secs. 18, 19 13 & 24
Surface rolling
Soil secondrate
Grazing land

North between secs 13 & 18
Va 15° 15' E

40 00 Deposit chained stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor

80 00 Deposit chained stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 7. 18. 12 and 13

Drove marked ~~Pine~~ Red Cedar stake 2 x 2 in x 2 ft. in SE pit

Surface rolling
Soil secondrate
Good grazing land

North between secs 7 and 12
Va 15° 15' E.

40 00 Deposit chained stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in. deep for 1/4 sec cor

80 00 Deposit chained stake.
Set Limestone 18 x 12 x 6 in and raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs. 6. 7 1 and 12

Surface gently rolling
Soil secondrate
Buffalo grass. good grazing

North between secs. 1 and 6
Va 15° 15' E.

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 28 + 24 × 12 in deep for 1/4 sec cor

80 00 Deposit charred stake set marked Limestone 18 × 12 × 6 inches, raised mound of earth 2½ ft high from pits 28 + 24 × 12 in. deep for Corner to Townships 25 and 26 North Ranges 56 and 57 West, Surface gently rolling Soil second rate Good growth of Buffalo grass

June 18 1880

Seventh Guide Meridian West
T. 26 North

North between secs 31 & 36
Va 15° 18' E

33 00 Sandstone Butt bears E & W

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 28 + 24 × 12 in deep for 1/4 sec cor.

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for Corner to secs 30, 31, 25 & 36 Drove marked stake 2 × 2 in. × 2 ft in SE pit

Surface rolling
Soil second rate
Good grazing land

North between secs 25 & 30
Va 15°18' E.

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 × 24 × 12 in deep for corner to secs 19, 30, 24 & 25
Drove marked ~~Pine~~ Red Cedar stake 2 × 2 in × 2 ft in SE pit.
Surface rolling
Soil secondrate
Good grazing

North between secs 19 & 24
Va 15°18' E.

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs. 18, 19, 13 & 24
Drove marked ~~Pine~~ Red Cedar stake 2 × 2 × 24 in. in SE pit.
Surface rolling
Soil thirdrate

North between secs. 13 & 18
Va 15°18' E.

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

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 18 in deep for corners to secs. 7, 18, 12 & 13
Drove marked ~~Pine~~ Red Cedar stake 2 x 2 x 24 in in SE pit
Surface rolling
Soil Thirdrate
Good grazing land

North between secs 7 and 12
Va 15°21' E.

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

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 6, 7, 1 & 12
Drove marked ~~Pine~~ Red Cedar stake 2 x 2 x 24 in. in SE pit
Surface Rolling
Soil Thirdrate
Good grazing

North between sees 1 and 6
Va 15° 21' E

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 see cor

80 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to Townships 26 and 27 North Ranges 5 6 & 7 West Drove marked Red ~~Pine~~ Cedar stake 2 x 2 24 inches in East pit

Surface rolling
Soil Third rate
Good grazing

15

Seventh Guide Meridian West.
T. 27 North

North between sees 31 & 36
Va 15° 24' E.

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 see cor

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to sees 30, 31, 25 and 36
~~Drove~~ marked Red ~~Pine~~ Cedar stake 2 x 2 x 24 in in NE pit.
Surface undulating
South half Second rate Clay
North half Third rate Sandy

North between secs 25 & 30
Va 15° 24' E.

40 00 Deposit chamed stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

80 00 Deposit chamed stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs. 19, 30, 24 & 25
Drove marked ~~Pine~~ Red Cedar stake 2 × 2 × 24 in. in S E pit.
Surface rolling
Soil second rate
Good grazing

North between secs. 19 & 24
Va 15° 27' E.

40 00 Deposit chamed stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

80 00 Deposit chamed stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs. 18, 19 13 and 24
Drove marked ~~Pine~~ Red Cedar, stake 2 × 2 × 24 in in S E pit.
Surface rolling
Soil Third rate
Good grazing

North between secs 13 & 18
Va 15°27'

40 00 Deposit chained stake, raised mound of earth 2½ ft high from pits 24×24×12 in deep for 1/4 sec cor.

80 00 Deposit chained stake raised mound of earth 2½ ft. high from pits 24×24×12 in deep for corners to secs 7, 18, 12 and 13

Drove marked Red ~~Pine~~ Cedar post 2×2 × 24 in. in SE pit.

Surface rolling
Soil sandy thirdrate

June 18th 1880

North between secs 7 and 12
Va 15°30' E.

40 00 Deposit chained stake raised mound of earth 2½ ft high from pits 24×24×12 in deep for 1/4 sec cor

80 00 Deposit chained stake raised mound of earth 2½ ft. high from pits 24×24×12 in deep for corner to secs. 6, 7 1 and 12

Drove marked Red ~~Pine~~ Cedar stake 2×2× 24 in in SE pit

Surface rolling
Soil sandy thirdrate

North between sees 1 and 6
Va 15° 30' E.

12 00 Leave upland Enter Valley bears East and West.

13 20 Cheyenne and Red Cloud wagon road bears NE & SW

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 sec cor.

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to Townships 27 & 28 North Ranges 56 & 57 West, and Drove marked Red Cedar stake 2x2x24 in. in East pit

Surface rolling
Soil sandy thirdrate

Seventh Guide Meridian West.
Town. 28 North.

North between sees 31 and 36
Va 15° 40' E.

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 sec cor.

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to sees 30, 31, 25 & 36 Drove marked ~~Pine~~ Red Cedar stake 2x2x24 in. in SE pit

Rolling Sand hills
Soil thirdrate

North between secs 25 and 30
Va 15° 40' E.

40 00 Deposit chained stake, raised mound of earth 2½ ft high from pits 24×24×12 in deep for 1/4 sec cor

77 00 Leave Sand Hills and enter valley bears NW & SE

80 00 Deposit chained stake raised mound of earth 2½ ft high from pits 24×24×12 in deep for corner to Secs 19, 30, 24 & 25
Drove marked ~~Pine~~ R.P. Cedar stake 2×2×24 in. in SE pit.
Surface rolling
Soil sandy, third rate

North between secs. 19 & 24
Va 15° 40' E.

5 70 Wagon Road bears NE & SW

40 00 Deposit chained stake, raised mound of earth 2½ ft high from pits 24×24×12 in deep for 1/4 sec cor

80 00 Deposit chained stake, raised mound of Earth 2½ ft high from pits 24×24×12 in deep for corner to secs. 18, 19, 13 and 24
Drove marked ~~Pine~~ R.P. Cedar stake 2×2×24 in. in SE pit
Surface rolling
Soil Thirdrate
Here enter Sand hills bearing N E & SW.

North between sees 13 & 18
Va 15°35' E.

40 00 Deposit chained stake, raised mound of earth 2½ft high from pits 24×24×12 in deep for 1/4 sec cor

80 00 Deposit chained stake raised mound of earth 2½ft high from pits 24×24×12 in deep for corner to sees 7, 18, 12 & 13
Drove marked Red ~~Pine~~ Cedar Stake 2×2×24 in in SE pit
Surface rolling
Soil sandy thirdrate

North between sees 7 and 12
Va 15°33' E

40 00 Deposit chained stake raised mound of earth 2½ft high from pits 24×24×12 in deep for 1/4 sec cor

77 00 Leave sand hills and enter valley bears E. & W.

80 00 Deposit chained stake, raised mound of earth 2½ft high from pits 24×24×12 in deep for corner to sees 6, 7, 1 and 12
Drove marked Red ~~Pine~~ Cedar Stake 2×2×24 in in SE pit
Surface rolling
Soil sandy thirdrate

North between secs 1 and 6
Va 15° 38' E.

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to Townships 28 and 29 North Ranges 56 and 57 West. Drove marked Pine, Stake 2 × 2 × 24 in in South pit.

Undulating Clay and sandy loam

Soil good second rate

June 19th 1880

Seventh Guide Meridian
6th to 7th Standard Parallel

General Description

The above Guide Meridian runs over a high rolling plain composed of clay and sandy soil

On the South twelve miles the high ridges and buttes indicate a former elevated Table land. Buffalo grass and cactus abound.

The North twelve miles is of a more sandy nature producing a greater variety of grasses and more abundant. Neither wood or water can be found on the entire line

North of the Divide between the Platte & Niobrara Rivers there is a marked difference in soil and quality and quantity of grasses in favor of the Niobrara region

There is some good farm

and hay lands along this line in Townships 27 and 28 North. The soil is of better quality as it approaches the Seventh Standard Parallel

Seventh Guide Meridian
from the
7th Standard Parallel North
to the
8th Standard Parallel North

Executed By

Robert Harvey Deputy Surveyor
under Contract No 114 dated May 14th 1880

Survey Commenced June 30 1880
" Completed July 1st 1880

(P.)

128 b

Index Diagram.

Seventh Guide Meridian West
Town. 29 N.

From the Standard corner to
Township 29 North on the
7th Standard Parallel I run
North between sees 31 and 36
on the 7th Guide Meridian
By Burts improved Solar
Compass. Variation 15°45' E.

13 00 Leave Sand hills and enter
rolling Prairie bears NW & SE.

40 00 Deposit chained stake raised
mound of earth 2½ ft high
from pits 24 x 24 x 12 in
deep for 1/4 Sec Cor

80 00 Deposit chained stake raised
mound of earth 2½ ft high
from pits 24 x 24 x 12 in
deep for corner to sees
30. 31. 25 & 36
Drove marked Pine stake 2 x 2
x 24 in in SE pit
Sandhills - third rate
Table land good second rate
Good grazing land

North between secs 25 & 30
Va 15° 40' E.

22 00 Leave Upland and enter valley bears E & W.

40 00 Deposit chamed stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor

55 75 Drain course SE

80 00 Deposit chamed stake raised mound of earth. 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs. 19. 30. 24 & 25
Drove marked Pine stake 2 × 2 × 24 in. in SE pit
Valley undulating
Soil good second rate

North between secs. 19 & 24
Va 15° 36' E.

5 00 Drain course SE.

7 00 Leave Upland – Enter Valley bears E & W

40 00 Deposit chamed stake, raised mound of earth 2½ ft. high from pits 24 × 24 × 12 in deep for 1/4 sec cor.

80 00 Deposit chamed stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs 18, 19, 13 & 24
Drove marked Pine stake 2 × 2 × 24 in in SE pit
Rolling valley
Dark loam, soil fertile

June 29th 1880

North between secs 13 & 18
Va 15°30' E.

13 00 Leave Valley – Enter rolling Upland bears NW & SE.

40 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in. deep for 1/4 sec cor

78 00 Leave Upland – Enter Valley bears E & W

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to secs. 7, 18, 12 & 13
Drove marked Pine stake 2 × 2 × 24 in in SE pit
Upland rolling secondrate
Valley Dark loam firstrate
Good grazing

North between secs 7 and 12
Va 15°27' E.

40 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 × 24 × 12 in. deep for 1/4 sec cor

54 00 Clay ledge West of line

55 00 Leave ~~Upland~~ Valley and enter ~~Valley~~ Upland bears E & W

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 × 24 × 12 in. deep for corner to secs 6, 7, 1 and 12
Drove marked Pine stake 2 × 2 × 24 in in SE pit.
Upland rolling thirdrate
Valley Undulating secondrate
Good grazing land

North between secs 1 & 6
Va 15°27' E.

14 60 Ravine course N E.
28 80 Ravine course S E.
40 00 Deposit charred stake, set a Limestone 12×6×3 in, raised a mound of earth 2½ft. high from pits 24×24×12 in deep for 1/4 sec cor.
80 00 Deposit charred stake, raised mound of earth 2½ft high from pits 24×24×12 in deep for corner to Townships 29 & 30 North Ranges 56 and 57 West. Drove marked Pine stake 2×2×24 in. in East pit
Surface undulating
Soil secondrate

Seventh Guide Meridian West
T. 30 N.

North between secs. 31 & 36
Va 15°27' E.

36 30 Ravine course NW
40 00 Deposit charred stake, raised mound of earth 2½ft. high from pits 24×24×12 in deep for 1/4 sec cor.
80 00 Deposit charred stake, raised mound of earth 2½ft. high from pits 24×24×12 in. deep for corner to secs. 30, 31, 25 & 36 Drove marked Pine stake 2×2×24 in in SE pit
Surface rolling
Soil secondrate
Good grazing

North between secs 25 & 30
Va 15° 27' E.

9 00 Ravine course SE

40 00 Deposit Charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor

80 00 Deposit Charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 19. 30. 24 & 25
Drove marked Pine stake 2 x 2 x 24 in in SE pit
Surface uneven & broken
Soil Third rate
Good grazing

North between secs. 19 & 24
Va 15° 27' E.

40 00 Deposit Charred stake, raised mound of White Earth & Stones 2½ ft. high from pits 24 x 24 x 12 in. deep for 1/4 sec cor.

76 00 Leave Table land and Enter Foothills bear NW & SE.

80 00 Deposit Charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in. deep for corner to secs. 18. 19. 13 & 24
Drove marked Pine stake 2 x 2 x 24 in in SE pit
Surface rolling & broken
Soil Third rate
Good grazing

North between Secs. 13 & 18
Va 15° 24' E.

40 00 Deposit chained stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in. deep for 1/4 sec cor.

44 40 Red Cloud and Cheyenne road bears E & W

79 80 Broad gravelly ravine course E.

80 00 Deposit chained stake, set Limestone 15 x 12 x 3 in. raised mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to Secs. 7, 18, 12 and 13.

Undulating Foothills
Thirdrate, gravelly land

North between Secs 7 & 12
Va 15° 24' E.

20 00 Leave Upland - Enter Niobrara river bottom bears NW & SE

40 00 Deposit chained stake, set Limestone 10 x 4 x 2 in, raised mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor

44 30 Niobrara River 45 lks wide 2 ft deep runs East

60 60 Same river 25 lks wide runs West

69 00 Same river 25 lks wide runs N E

80 00 Deposit chained stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to Secs. 6, 7, 1 and 12
Drove marked Pine stake 2 x 2 x 24 in in S E pit

Upland broken, thirdrate
Bottom Undulating
Dark Sandy loam secondrate

North between secs 1 and 6
Va 15° 24' E.

40 00 Deposit chained stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor.

50 00 Leave Bottom Enter Hill bearing N 60° E

67 00 Ravine course West

71 00 Ravine course East

80 00 Deposit chained stake, ~~raised~~ Set Limestone 12 x 8 x 6 in raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to Township 30 & 31 North Ranges 56 & 57 West Valley sandy loam 2nd rate Upland broken third rate

Seventh Principle Meridian N.
T. 31 N.

North between secs 31 & 36
Va 15° 24' E

22 80 White Earth butte. East of line 35 chs distant

40 00 Deposit chained stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor.

80 00 Deposit chained stake, Set Limestone 24 x 16 x 2 in, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 30. 31 25 and 36
Surface rolling & broken Soil third rate

North between secs 25 & 30
Va 15° 27' E.

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

54 25 Ravine course SE

80 00 Deposit charred stake, set Limestone 24 x 6 x 2 in, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs 19. 30 24 and 25
Surface falling & broken
Soil Third rate

North between secs 19 & 24
Va 15° 27' E.

25 70 Drain course SE

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor

66 60 Ravine course SE

80 00 Deposit charred stake, set Pine post (part of Depew pale) 3 ft + 2 x 2 in raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs. 18, 19, 13 & 24
Surface falling and broken by deep Ravines
Soil Third rate

North between Secs 18 & 18
Va 15°30'E

40 00 Deposit chained stake raised
mound of earth 2½ ft high
from pits 24×24×12 in deep
for 1/4 Sec Cor

43 60 Ravine course S.E.

80 00 Deposit chained stake, raised
mound of earth and fine broken
Limestone 2½ ft. high from
pits 24×24×12 in deep for
Corner to secs. 7, 18, 12 & 13
Drove marked Pine stake 2×2
×24 in. in S E pit
Surface rolling & broken
Soil thirdrate

North between secs 7 & 12
Va 15°33'E

40 00 Set Limestone 24×8×3 in. raised
mound of earth 2½ ft high
from pits 24×24×12 in deep
for 1/4 Sec Cor.

80 00 Deposit chained stake raised
mound of earth 2½ ft. high
from pits 24×24×12 in
deep for corner to secs.
6, 7, 1 and 12
South half rolling ~~thirdrate~~
North half has South slope
dark soil good secondrate

North between secs 1 and 6
Va 15°36' E.

40 00 Deposit charred stake raised
mound of earth 2½ ft. high
from pits 24 x 24 x 12 in deep
for 1/4 sec cor

80 00 Deposit charred stake raised
mound of earth 2½ ft. high
from pits 24 x 24 x 12 in
deep for corner to Township
31 and 32 N Ranges 56 & 57 West
Drove marked Pine stake 2 x 2
x 24 in in East pit.
Surface rolling
Good dark sandy loam
Soil good second rate

June 30th 1880

Seventh Guide Meridian West
T. 32 N

North between Secs 31 & 36
Va 15°36' E.

1 50 Drain course East

40 00 Deposit charred stake raised
mound of earth 2½ ft. high
from pits 24 x 24 x 12 in
deep for 1/4 sec cor.

65 60 Drain course SE

80 00 Deposit charred stake raised
mound of earth 2½ ft high
from pits 24 x 24 x 12 in deep
for corner to Secs 30, 31, 25 & 36
Drove marked Pine stake
2 x 2 x 24 in in SE pit
Surface rolling
Soil good second rate
and good grazing

North between secs 25 & 30
Va 15°36' E

40 00 Deposit chained stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor.

67 50 Ravine course East

80 00 Set Limestone 18 x 10 x 3 in raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs. 19. 30. 24 and 25
Surface rolling
Clay land, Soil Second rate

North between secs. 19 & 24
Va 15°33' E.

1 60 Ravine course East

17 00 Leave Upland - Enter Valley bears SE & N W.

40 00 Deposit chained stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor

49 00 Ravine course East

53 50 Same Ravine course SE.

56 50 Same ravine course East

70 00 Leave valley — Enter hills bear East and West

80 00 Set Limestone 24 x 14 x 3 in raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs. 18. 19. 13 & 24
Valley good Second rate
Upland third rate

North between sees 13 & 18
Va 15°33'E.

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

70 00 Gulch course NE

80 00 Set Limestone 30×8×2 in. raised mound of earth 2½ ft. high from pits 24×24×12 in deep for corner to sees. 7, 18, 12 & 13

Surface rolling
Soil clay secondrate

North between sees 7 and 12
Va 15°36'E.

40 00 Set Limestone 15×8×3 in, raised mound of earth 2½ ft. high from pits 24×24×12 in deep for 1/4 sec cor from which a Pine 6 in. diam. bears S. 4°10' E 156 lks dist

43 00 Gulch course East

79 25 Gulch course NE.

80 00 Set Sandstone 24×6×6 in. raised mound of earth 2½ ft. high from pits 24×24×12 in deep for corner to sees 6, 7, 1 and 12 from which a Pine 4 in. diam bears S. 73° W. 21 lks dist.
A Pine 4 in. diam bears S 72½° E 32 lks "
Hegh rough & broken
Soil thirdrate
Pine timber scattered along gulches.

North between secs 1 & 6
Va 15°36'E.

9 35 North edge of perpendicular cliff bears E & W.
25 00 Leave hills – Enter valley bears E & W
37 00 Old Stage Station bears 30 lks East
40 00 Set Sandstone 24×6×4 in. raised mound of earth 2½ ft high from pits 24×24×12 in deep for 114 sec cor.
49 90 Old Stage road bears NE & SW.
56 00 Spring brook 5 lks wide runs East
80 00 Deposit charred stake, Set ash post 6×6 in. 5 ft. 1 ft. deep, raised mound of Earth 2½ ft. high from pits 24×24×12 in deep for Closing corner to Townships 32 N Ranges 56 & 57 W. on 8th Standard Parallel
South 25 chs high broken white hills
Balance rolling valley
Soil good secondrate
July 1st 1880

Seventh Guide Meridian W.
7th to 8th Standard Parallel

General Description

The surface along the 7th Guide Meridian from the 7th to the 8th Standard Parallel is generally a high tableland surface is rolling.
Soil a clay and sandy loam producing a good growth of rich nutritious grasses.
With an increase of rain fall the land will yield good crops of vegetables and grain usually grown in similar regions as to altitude and latitude
The Niobrara river crosses the meridian in Township 30 N. and is from 10 to 40 lks wide 12 to 24 inches deep
The water is remarkably pure, clear & cold; and abounds in fish
In North part of T 32 are

several small brooks of excellent water. There is no timber along the Niobrara river or near the line. in fact the entire region is destitute of timber or even brush except near the Northern boundary of Township 32 where small Pines are found among the hills and canons
On North side of Niobrara is found some excellend farm lands, particularly near the head of White river which is East of the Meridian
There is an old Stage station in sec. 1 T 32 N R 57 W just South ~~East~~ West of 114 sec Cor.

Field Notes
of the
7th Guide Meridian West
from the
8th Standard Parallel North
to the
Nebraska — Dakota Territory

Executed By

Robert Harvey Deputy Surveyor
under Contract No. 114 dated May 19th 1880

Index Diagram

Seventh Guide Meridian West.
T. 33 N.

From the Standard corner to Tps. 33 N. Ranges 56 & 57 W. I run North on the 7th Guide Meridian between secs 31 & 36
Va. 15° 30' E.

18 70 Spring brook runs N E.
20 10 Spring brook runs N W.
40 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor.
50 00 Leave Upland - Enter Valley bears N E & S W.
79 50 Spring brook 3 lks wide runs East.
80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in. deep for corner to secs 30. 31. 25 & 36
Drove marked Ash stake 2 x 2 x 24 in. in S E pit
South 50 chs broken by Creeks and gulches. Soil third rate
North 80 chs. Valley good 2nd rate

North between secs 25 & 30
Va 15° 20' E.

40 00 Deposit chamed stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 1/4 sec cor

57 78 Spring brook 2 chs wide runs East

80 00 Deposit chamed stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 19. 30. 24 & 25
Drove marked Ash stake 2 x 2 x 24 in in SE pit
Surface gently rolling
Soil. Clay, good 2nd rate

Mus

North between secs 19 & 24
Va 15° 20' E.

32 30 Brook 2 chs wide runs East

40 00 Deposit chamed stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in Deep for 1/4 sec cor.

80 00 Deposit chamed stake raised mound of earth 2½ ft. high from pits 24 x 24 & 12 in. deep for corner to secs. 18. 19. 13 & 24
Drove marked Ash stake 2 x 2 x 24 in in SE pit
Surface rolling
Soil gravelly third rate

North between secs 13 & 18
Va 15°20' E.

~~230 Road bears E & W.~~

30 00 Gulch course East

40 00 Deposit chained stake, raised mound of earth 2½ ft. high from pits 24×24×12 in deep for 1/4 sec cor.

78 00 Creek 3 chs wide runs East

80 00 Deposit chained stake, set Limestone 16×10×7 in. raised mound of earth 2½ ft high from pits 24×24×12 in deep for corner to secs. 7. 18 12 & 13

Surface rolling & broken
Soil third rate
Good grazing

North between secs 7 & 12
Va 15°20' E.

230 ~~Road course~~ Road East & West

40 00 Deposit chained stake, raised mound of earth 2½ ft high from pits 24×24×12 in deep for 1/4 sec cor.

80 00 Deposit chained stake raised mound of earth 2½ ft. high from pits 24×24×12 in. deep for corner to secs. 6. 7. 1 & 12
Drove marked ash stake 2×2×24 in in S E pit.
This corner stands 25 chs from North foot of White Earth bank about Eight high
South half White Earth gulches
Soil third rate
North half undulating
Soil third rate

North between secs 1 and 6
Va 15°20' E.

1 35 Ravine course East

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

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in. deep for corner to Townships 33 & 34 N. Ranges 56 & 57 West.
Drove marked Ash stake 2 x 2 x 24 in in SE pit
Broken, Clay & White Earth gulch
Soil Third rate

Seventh Guide Meridian West
T 34 N.

North between secs 31 & 36
Va 15°20' E.

16 35 Brook runs East

40 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor.

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in. deep for corner to secs. 30. 31. 25 & 36
Drove marked Birch stake 2 x 2 x 24 in in SE pit
Surface gently rolling
Land White earth
Soil Third rate

North between secs 25 & 30
Va 15°20'E.

18 50 Road bears NW & SE.

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 sec cor.

57 50 Ravine course NE.

80 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for corner to secs. 19, 30, 24 and 25

Drove marked Birch stake 2 x 2 x 24 in in SE pit.

Rolling White Clay Hills
Soil Thirdrate

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

39 00 Dry crunk course East

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for 114 sec cor.

80 00 Deposit charred stake, raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs 18, 19, 13 and 24

Drove marked Birch stake 2 x 2 x 24 in in SE pit

Surface gently rolling
Soil Clay 3rd rate

North between sees 13 & 18
Va 15° 15' E.

40 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for 1/4 sec cor.

57 00 Dry creek course East.

79 80 Ravine course SE

80 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 × 24 × 12 in deep for corner to sees 7, 18, 12 & 13

Drove marked Birch stake 2 × 2 × 24 in in SE pit

Gently rolling

White Earth Clay

Soil thirdrate

North between sees 7 & 12
Va 15° 15' E.

1 00 Ravine course SW.

3 50 Same ravine course East

40 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 × 24 × 12 in deep for 1/4 sec cor.

67 15 Ravine course East Water in holes

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 × 24 × 12 in deep for corner to sees 1, 6, 7, 1 and 12

Drove marked Birch stake 2 × 2 × 24 in in SE pit.

Surface gently rolling

Soil secondrate

Good grazing

North between secs. 1 and 6
Va 15°15'E.

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

75 50 Drain course N.W. water in holes

80 00 Deposit charred stake raised mound of earth 2½ ft. high from pits pits 24 x 24 x 12 in. deep for Corner to Townships 34 and 35 North Ranges 56 and 57 West.

Drove marked Birch stake 2 x 2 x 24 in. in East pit.

Surface gently rolling
Soil Thirdrate
Good grazing

Seventh Guide Meridian West
T 35 North

North between secs 31 & 36
Va 15°10'E.

28 50 Drain course West

40 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 sec cor.

80 00 Deposit charred stake raised mound of earth 2½ ft high from pits 24 x 24 x 12 in deep for corner to secs. 30, 31, 25 & 36

Drove marked Birch stake 2 x 2 x 24 in SE pit

Surface gently rolling
Soil Thirdrate

North between secs 25 & 30
Va 15°10'E.

40 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24×24×12 in deep for 1/4 sec cor.

60 00 Touch bend of dry creek
Course South

80 00 Deposit charred stake raised mound of earth 2½ ft. high from pits 24×24×12 in deep for corner to secs 19, 30, 24 & 25
Surface rolling
Soil Thirdrate

North between secs. 19 & 24
Va 15°10'E.

40 00 Deposit charred stake, raised mound of earth 2½ ft. high from pits 24×24×12 in. deep for 1/4 sec cor.

54 10 Indian Creek, dry on line, Course N.E.

77 39 Intersect the North boundary of the State 120 lks West of the 220th Mile Post. Deposit charred stake raised mound of Earth 2½ ft high from pits 24×24×12 in deep for Closing corner to fractional Townships 35 North Ranges 56 & 57 West Drove Marked Pine Post 2×2×24 in in South pit.

Drove marked Pine stake stake 2×2×24 in in East pit. of 220 Mile corner and rebuilt the corner
Surface rolling
Soil thirdrate
Poor grass. Prairie Dog town on South half of line
July 15th 1880

Seventh Guide Meridian West
T 35 N.

General Description

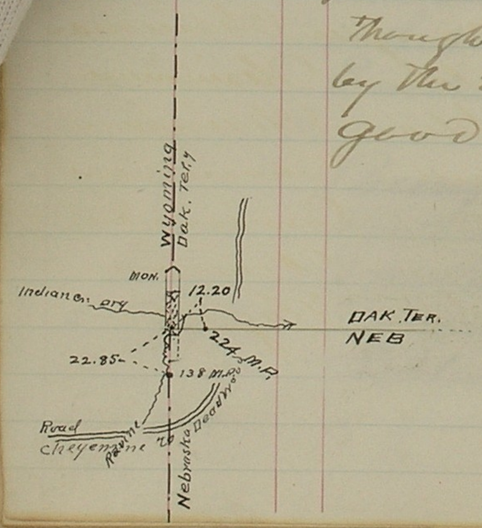
The 8th Initial Point for the 7th Guide Meridian West stands near the foot of lofty White Earth Hills, which have numerous prominent buttes, along the rocky rim overlooking the vast basin which extends away to the Black Hills. This basin in general is a broad undulating or gently rolling Plain, walled on the South by Hat Creek and its numerous tributaries which have their sources in the Hills near the 8th Standard Parallel. These streams afford pure clear cold water. The soil along the foothills is a dark loam of excellent quality producing a good growth of nutritious grasses. The North 12 miles is more

adapted to grazing than to farming at the present time without irrigation. Near the center of T. 33 N R 56 West is located Emmons & Co's Cattle ranche on a tributary of Hat Creek. They have constructed an irrigating ditch 3 or 4 miles long, and irrigate this season about 100 acres of land planted in vegetables, oats etc, which promise an abundant crop. The soil of the region is familiarly known as White Earth. The White earth is generally the subsoil while generally the surface is a dark clay or loam producing a fair quality of grass. There are numerous "Washouts" which give the country the name of "The Bad Lands". The Washouts in the Cañons

abound in numerous specimens
of fossils of huge and strange
species
Timber is found in the hills
and gulches in Townships
32 & 33 Principally Pine
with Box Elder, Elm & Ash.
Along the Dry creek in Tps 34
& 35 is found considerable
Cottonwood Timber
The Wash out in which occurred
the battle between the Cheyenne
Indians and the U.S. troops
in the winter of 1879 is near
Emmons & Cos Ranche

Being in the vicinity of the
Northwest Corner of the State
I make an examination of the
Monument between Nebraska
Dakota and Wyoming as per
request of the Surveyor General.
Found Limestone Monument

Standing on the West bank of a Dry ravine which is about Ten feet deep. The course of which is about N 15° East. The position is on the level ground just clearing the broken head of the Ravine and is 22.85 Chains North of the 138 Mile Corner. The Mound of which is plainly visible but nearly washed out. The Mound of Stone which I understand surrounded the Monument was not visible though it may have been covered by the Earth Mound still in good condition



List of Names

A list of the Names of the individuals employed to assist in running Measuring and Marking the lines and Corners described in the foregoing field Notes of the 7th Guide Meridian from the 6th Standard Parallel to the North Boundary of the State, North of the Base Line and West of the 6th Principal Meridian, showing the respective Capacities in which they acted

Wilson T. Frazer	Chainman
Ransford Wilcox	Chainman
Sam. Peoples	Chainman
John Wherrett	Chainman
Max Amende	Cornerman
John L. Young	Cornerman
Horace Tyrrell	Flagman

We hereby certify that we assisted Robt Harvey Deputy Surveyor in surveying the 7th Guide Meridian West of the 6th Principal Meridian, from the 6th Standard Parallel N. to the North Boundary of the State, in Nebraska That said Guide Meridian has been in all respects to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General, of dimensions, character construction and marking and in the manner as specifically described in the foregoing field notes

Wilson F. Frazier	Chainman
Rausford Wilcox	Chainman
Sam Peoples	Chainman
John Wherrett	Chainman
Max Amende	Cornerman
John S Young	Cornerman
Horace Tyrrell	Flagman

Subscribed and sworn to before me this 2nd day of October A D 1880

A A Kendall

Howard County Nebr Clerk Dist Court Hrs Ins

I Robert Harvey Deputy Surveyor do Solemnly swear that in pursuance of a joint Contract wherein Robert Harvey Nicholas J. Paul & C. R. Hartness the are joint Contractors with Geo. S. Smith U. S. Surveyor General for the District of Nebraska and Iowa bearing date May 19th, 1880, I have well faithfully & 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 the 7th Guide Meridian from the 6th Standard Parallel to the North Boundary of the State, north of the Base line and west of the 6th Principal Meridian in Nebraska as represented in the foregoing field Notes as having been Surveyed under my direction and I do further Solemnly swear that all the Corners of said survey have been Established and perpetuated in Strict Conformity with the Surveying Manual Printed instructions and Special instructions of the Surveyor General of dimensions, Character

construction and 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

Robert Harvey
Deputy Surveyor

Signed in my presence and sworn to before me this 14th day of Aug 1880.
A. J. Kendall
Clerk Dist Ct

Surveyor General's Office
Plattsmouth Neb. Nov. 29th 1880

The foregoing field notes of the Survey of the Seventh Guide Meridian. North of the Base Line & West of the 6th P.M. in Nebraska from the 6th Standard Parallel to the North Boundary of the State. Executed by Robert Harvey Deputy Surveyor under joint Contract No 114 dated May 19th 1880. in the months of June & July 1880. having been critically Examined, the necessary corrections and Explanations made, the said field notes & the surveys they describe are hereby approved.

Geo. S. Smith
Surveyor General

General Land Office • Original Field Notes

Book Number

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

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