General Land Office • Original Field Notes

Book Number

3

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.

NORTH BOUNDARY OF N

Being the 43° Par'l N. from Keya-Paha River W to 27°

	Chains	Links	

Field Notes
of the
Survey
of the
North Boundary of Nebraska

Being so much of the 43° Parallel of North Latitude as extends from the center thread of the Keya-Paha River to the 27th of Longitude West from Washington.

Executed
by Chauncey Wilter, Astronomer and Surveyor, in pursuance of a contract with the Commissioner of the General Land Office, dated June 24th 1874.

Commenced August 30th 1874
Completed September 25th 1874

North Buondary of Nebraska
43 Parallel.
Chaffee.
1-2 Wilter

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	

Field Notes
of the
Survey
of the
North Boundary of Nebraska

Being so much of the 43d Parallel of North Latitude as extends from the center thread of the Keya-Paha River to the 27th of Longitude West from Washington.

Executed
by Chauncey Wilke, Astronomer and Surveyor, in pursuance of a contract with the Commissioner of the General Land Office, dated June 24th 1874.

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b

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	

List of Names.

A list of the names of the individuals who were employed to assist in surveying and establishing the North Boundary of Nebraska, from the Keya-Paha River West to the 27° of Longitude West from Washington.

Henry Court	Chainman
Joseph Potras	Chainman
M. R. Dunn	Chainman
C. H. Brown	Chainman
C. M. Wyman	Moundman
John Fox	Moundman
Henry Johnson	Moundman
L. Grunier	Flagman
Lafe Belden	Flagman

-c

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	

We, Henry Court, Joseph Potras, M. R. Dunn and C. H. Brown, do solemnly swear that we will faithfully execute the duties of chain-carrier; that we will level the chain over uneven ground and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects; and that we will report the true distance to all notable objects; and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Henry Court	Chainman
Joseph Potras	Chainman
M. R. Dunn	Chainman
C. H. Brown	Chainman

Subscribed and sworn to before me this 28th day of August 1874

Chauncey Wilcox
Astronomer & Surveyor

d

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			We. C. M. Wyman, John Fox and Henry Johnson do solemnly swear that we will, well and truly perform the duties of mounduman according to instructions given us, and to the best of our skill and ability.
			C M Wyman — Mounduman
			John Fox — Mounduman
			Henry Johnson — Mounduman
			Subscribed before me and sworn to this 28th day of August 1874
			Chauncey Wiltse
			Astronomer and Surveyor

e

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			We. L. Grenier and Esau Belding do solemnly swear that we will, well and truly, perform the duties of flagmen according to instructions given us, and to the best of our skill and ability.
			L. Grenier — Flagman
			Esau Belding — Flagman
			Subscribed before me and sworn to this 28th day of August 1874
			Chauncey Wiltse
			Astronomer and Surveyor

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			To approximate to the point where the 43° Parallel of North-Latitude crosses the Keya-Paha River and to connect the land surveys with the line to be established, I commence at the corner to Townships 33 and 34 North and on the 2d Guide Meridian West and run West on a blank line nine-teen (19) miles, twenty-two (22) chains and eighty-six (86) links and North nine (9) miles and seventy (70) chains to a point near the South-bank of the Keya-Paha River, where I set up my Astronomical Transit to observe for Latitude.
			Note — For Astronomical observations and deductions, see notes on page 259

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
600 970 +90 600 970 11 16.01	90 90		The point for 43° Parallel I found to be seven-teen (17) chains and ninety (90) links farther North.
			This distance I measured in the most careful manner and with the chain accurately adjusted.
			From the Meridian found by observations upon Polaris, with my Astronomical Transit, I turned a right angle and commenced my line West upon the 43° Parallel, as thus ascertained.
			At 47 chains and fifty (50) links, I intersected the center thread of the Keya Paha River, at which point I com-menced my survey for the establishment of the North Boundary of Nebraska, the

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		same being the boundary line between the State of Nebraska and the Territory of Dakota.
		To perpetuate the point where my observations were taken I erected a stone shaft five (5) feet long and ten (10) inches thick by twelve (12) inches wide. which I designated "Latitude Station No I. — 1874" and which I marked upon the stone — also Latitude 42° 59' 47.78"
		From the point in the Keya-Paha River. I measured West - on line; for my 1st mile
		Magnetic Variation 13° 50' E
	50	Leave water, course S.E.
1	00	Ascend River bank.
1	20	Erect stone shaft five (5) feet and six (6) inches long.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		and (12 in. by 12 in. square. and around which I built a conical mound of earth. six (6) ft in diameter and three (3) feet high.
		Mark the stone on the North "Dakota" on the South "Nebraska" on the East "Initial Point" and "43° Parallel" and on the West "1874"
		From this stone shaft
		A Bur Oak 11 in. dia bears West 51 lks distant
		A Bur Oak 9 in. dia bears S 18¾ E 133 lks distant
		A Bur Oak 12 in. dia bears S 78¾ W 320 lks distant
		A Bur Oak 11 in. dia bears S 36 W 221 lks distant
		Barometric Altitude 2000 ft
5	00	Leave timber N.W. and S.E.
23	40	Leave Bottom and scattering timber N.W. & S.E.
57	60	Ravine 1 ch. wide descends N.W.
63	20	Ravine descends N. scattering timber
72	00	Ravine descends N.E. scattering timber
80	00	Offset for convergency, 93 lks N. to true line. where I set a cedar

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			post 7 ft long and 6 in square; 2 ft deep.
			Mark said post on the North "Dakota" on the South "Nebraska" on the East "1st mile" and 43d Parallel and on the West "1874".
			Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. and 3 ft high, from pits on line E and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 1st Mile.
			Surface. Bottom level, remainder gently rolling.
			Soil 2d rate.
			Buffalo grass abundant.
			Timber - Scattering Bur Oak
			Barometric Altitude 2000 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on 2d Mile.
			Magnetic Variation 13° 50' East
	27	00	Ravine descends N. skirted by scattering timber.
	30	20	Creek ½ lks. wide flows North - scattering timber along its banks.
	32	00	Leave Ravine descends N.W.
	80	00	Offset 3 7/10 lks North for convergency to true line, where I set a Cedar post 7 ft long and 6 in square, 2 ft deep.
			Mark said post on the N. "Dakota" on the South "Nebraska" on the East 2d mile and 43d Parallel and on the West 1874.
			Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E and W. of post, each pit being 3 ft square, 18 in deep; to perpetuate the terminus of the 2d mile.
			Surface gently rolling. Soil 2d rate.
			Barometric Altitude of 2100 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 3d Mile
		Magnetic Variation 13° 50' E
63	00	Enter Bottom N. and S.
74	50	Creek course N. water in holes.
80	00	Offset for convergency 8 2/5 links North to true line. Where I set a Cedar post 7 ft long and 6 in square 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 3d Mile and 43 Parallel and on the West 1874.
		Deposit charred block on the North side of post and raise mound of earth (conical) 6 ft in dia. 3 ft high from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 3d Mile.
		Surface gently rolling
		Soil 2d rate.
		Barometric Altitude 2050 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 4th mile
		Magnetic Variation 13° 50' E
	30	Creek, water in holes course S.W.
1	20	Creek, water in holes, course N.E.
2	00	Leave Bottom N.E. and S.W.
59	10	Drain descends N.W.
71	00	Enter Bottom N.W. and S.E.
73	40	Creek, 3 lks. wide. N.E.
80	00	Offset for convergency 14 7/10 lks. N. to true line, where I set a Cedar post 7 ft long and 6 in square, 2 ft deep. Mark said post on the North "Dakota" on South "Nebraska" on the East 4th mile and 43d Parallel and on W. 1874. Deposit charred block on N. side of post. and raise a conical mound 6 ft in dia. 3 ft high, from pits on line E. and W. of post. each pit being 3 ft square & 18 in deep; to perpetuate the terminus of the 4th mile. Surface gently rolling Soil 2d rate, Barometric Altitude 2100 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 5th Mile.
		Magnetic Variation 13° 50' E
2	50	Leave Bottom N.E. and S.W.
80	00	Offset for convergency 2 3 4/10 lks. N. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the South "Dakota" on the South "Nebraska" on the East "5th Mile and 43° Parallel" and on the West "1874."
		Deposit charred block on E. side of post. and raise a conical mound of earth 6 ft in dia and 3 ft high. Dig pits 3 ft square and 18 in deep, to perpetuate the terminus of the 5th Mile.
		Surface gently rolling
		Soil 2nd rate -
		Buffalo grass.
		Barometric Altitude 2160 ft
		August 30th 1874

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 6th Mile
		Magnetic Variation 13° 50' E
80	00	Offset for convergency 33 3/5 lks. N. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 6th Mile and 43° Parallel and on the West "1874."
		Deposit charred block on E. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 6th Mile.
		Surface gently rolling
		Soil 2nd rate -
		Barometric Altitude 2170 ft -

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 7th Mile.
		Magnetic Variation 13° 50' East
38	30	Ravine descends N.W.
80	00	Offset for convergency 45 4/5 lks. N. to true line. Where I set a Cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North-"Dakota" on the South "Nebraska" on the East "7th Mile and 43° Par-allel" and on the West "1874."
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia and 3 ft high. from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 7th Mile.
		Surface gently rolling
		Soil 2nd rate
		Barometric Altitude 2240 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 8th Mile
		Magnetic Variation 13° 50' E
47	00	Drain descends N.W.
49	10	Stream 2 lks. wide flows N.E.
80	00	Offset for convergency 59 9/10 lks. N. to true line. Where I set a Cedar post 7 ft long. 6 in square. 2 ft deep.
		Mark said post on the North-"Dakota" on South "Nebraska" on the East "8th Mile and 43° Par-allel" and on the West "1874."
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 8th mile
		Surface {rolling / gently rolling — East of drain / W. of drain
		Soil 3rd rate — sandy
		Barometric Altitude 2280 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 9th mile
		Variation 13° 50' East
10	00	Peak bears N 15° East
32	00	Top of Hill. Barometric Al. 2430 ft.
58	00	Base of Hill. Barometric Al. 2200 ft.
80	00	Offset for convergency 75 7/8 lks. N. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 9th "Mile" and 43d "Parallel" and on the West "1874".
		Deposit charred block on N. side of post, and raise a mound (conical) 7 ft long and 6 in square 2 ft deep; from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 9th Mile.
		Surface E of hill gently rolling. W of hill rolling
		Soil 2d rate
		Barometric Altitude 2200 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 10th mile
		Magnetic Variation 13° 50' East
34	60	Creek 3 lks wide course N. W.
80	00	Offset for convergency N 93 2/5 lks. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East "10th mile" and 43d "Parallel" and on the West "1874".
		Deposit charred block, on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 10th mile.
		Surface gently rolling
		Soil 2d rate
		Barometric Altitude 2340 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 11th Mile
		Magnetic Variation 13° 50' East
12	00	Base of Hill N. & S. Barometric Al. 2350 ft
20	20	Top of Hill N. and S. Barometric Al. 2450 ft
50	00	Base of Hill N. and S. Barometric Al. 2370
80	00	Offset for convergency 1 ch 13 1/5 lks. N. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the South "Dakota" on the South "Nebraska" on the East 11th Mile and 43° Parallel and on the West "1874".
		Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia. and 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in. deep; to perpetuate the terminus of the 11th Mile.
		Surface rolling. Soil sandy 3rd rate
		Barometric Altitude 2375 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long W from Washington.

Chains	Links	
		West on 12th Mile.
		Magnetic Variation 13° 50' East
80	00	Offset for convergency 1 ch. 34 3/5 lks. N. to true line. Where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the South "Dakota" on the South "Nebraska" on the East 12th Mile and 43° Parallel and on the West "1874".
		Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia, 3 ft high from pits on line, E. and W. of post, each pit being 3 ft square and 18 in. deep; to perpetuate the terminus of the 12th Mile.
		Surface rolling.
		Soil 3rd rate.
		Barometric Altitude 2425 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 13th mile
		Magnetic Variation 13° 50' E
8	00	Ravine 1 ch. wide, descends N.W.
73	00	Ravine 1 ch. wide descends N.W.
80	00	Offset for convergency 1 chain and 58 lks. N. to true line, where I set an Ash post 7 ft long and 6 in square.
		Mark said post on the North "Dakota". on the South "Nebraska" on the East 13th mile and 43° Parallel and on the West "1874".
		Deposit chamed block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 13th mile.
		Surface rolling. Soil 2nd rate
		Barometric Altitude 2350 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 14th Mile
		Magnetic Variation 13° 50' E
30	00	Creek 20 lks. wide course North-
80	00	Offset for convergency 1 ch 83 2/5 lks. N. to true line, where I set an Ash post 7 ft long and 6 in square 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 14th Mile and 43° Parallel" and on the West "1874".
		Deposit chamed block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 14th Mile.
		Surface gently rolling, Soil 2nd rate
		Heavy growth of grass. good for hay
		Barometric Altitude 2310 feet

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 15th Mile
		Magnetic Variation 13°-50' East
80	00	Offset for convergency 2 chs 10 3/8 lks. N. to true line. Where I set an Ash post 7 ft long and 6 in square. 2 ft deep, said post being marked on the North- "Dakota" on the South- "Nebraska" on the East "15th- Mile and 43° Parallel." and on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth- 6 ft- in dia. 3 ft high, from pits- on line, E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 15th mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2540 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 16th Mile,
		Magnetic Variation 13°-50' East
80	00	Offset for convergency 2 ch. 89 3/8 lks. N. to true line, where I set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the N. "Dakota" on the South "Nebraska" on the East "16th Mile and 43° Parallel" and on the West "1874"
		Deposit charred block on N. side of post, and raise a conical mound of earth- 6 ft in dia. and 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 16th mile.
		Surface rolling.
		Soil 3rd rate
		Barometric Altitude 2550 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 17th Mile.
		Magnetic Variation 13° 50' East
80	00	Offset for convergency 2 ch. 70½ lks.
		N. to true line, where I set a
		Cedar post 7 ft long and 6 in
		square, 2 ft deep;
		Mark said post on the N.
		"Dakota" on the South Nebraska
		on the East 17th Mile and 43°
		Parallel and on the West "1874."
		Deposit charred block on
		North side of post, and raise
		a conical mound of earth
		6 ft in dia and 3 ft high, from
		pits on line E. and W. of post,
		each pit being 3 ft square and
		18 in deep; to perpetuate the
		terminus of the 17th Mile.
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2475 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 18th Mile
		Magnetic Variation 13° 50' East
78	00	Creek 15 lks. wide course N.E.
80	00	Offset for convergency 3 ch. 35 lks
		N. to true line, where I set a Cedar
		post 7 ft long and 6 in square 2 ft
		deep;
		Mark said post on the North
		"Dakota" on the South Nebraska
		on the East 18th Mile and 43°
		Parallel, and on the West 1874.
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth
		6 ft in dia, 3 ft high, from
		pits on line E. and W. of post
		each pit being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 18th Mile.
		Surface gently rolling
		Soil 2d rate
		Barometric Altitude 2470 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 19th Mile
		Magnetic Variation 13° 50' E
80	00	Offset for convergency 3 ch. 37 7/5 lk.
		N. to true line, where I set a
		Cedar post 7 ft long and 6 in
		square, 2 ft deep
		Mark said post on North-
		"Dakota" on South- "Nebraska"
		on East 19th Mile and 43°
		Parallel and on the West 1874.
		Deposit charred block
		on N. side of post. and raise
		a conical mound of earth
		6 ft in dia. 3 ft high from pits
		3 ft square, 18 in deep (pits
		on line E and W of post); to perpet-
		-uate the terminus of the 19th
		Mile.
		Surface gently rolling
		Soil 2d rate
		Barometric Altitude 2565 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 20th Mile
		Magnetic Variation 13° 50' E
60	00	Barometric Altitude 2680 ft.
80	00	Offset for convergency 3 chains
		74 2/5 lk. N to true line where
		I set a Cedar post 7 ft long
		and 6 in. square, 2 ft deep.
		Mark said post on North-
		"Dakota" on South "Nebraska"
		on East "20th Mile and 43°
		Parallel" and on West "1874".
		Deposit charred block on
		N. side of post. and raise a
		conical mound of earth
		6 ft in dia, 3 ft high. from
		pits, on line E and W. of post
		each pit being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 20th
		Mile.
		Surface rolling; Soil 3d rate
		Barometric Altitude 2600 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 21st Mile
		Magnetic Variation 13° 50' E
12	00	Barometric Altitude 2740 ft
34	00	Barometric Altitude 2750 ft
80	00	Offset for convergency 4 chl. 12 7/10 links. N. to true line, where I set a Cedar post 7 ft long 6 in square, — 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 21st mile and 43° Parallel and on the West "1874".
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E and W. of post, each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 21st Mile.
		Surface rolling; Soil 3rd rate
		Barometric Altitude 2680 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 22d Mile
		Magnetic Variation 13° 50' E
78	80	Drain descends N.W.
80	00	Offset for convergency 4 chl. 53 lks. N. to true line, where I set a Cedar post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 22d Mile and 43° Parallel" and on the West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia and 3 ft high, from pits on line E and W. of post each pit being 3 ft square & 18 in deep; to perpetuate the terminus of the 22 Mile.
		Surface rolling; Soil dry, 2nd rate
		Barometric Altitude 2650 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 23d Mile -
		Magnetic Variation 13° 50' E
80	00	Offset for convergency 4 ch 95 lks.
		N. to true line, where I set a
		Cedar post 7 ft long and 6 in square
		2 ft deep,
		Mark said post on the N.
		"Dakota" on the South "Nebraska"
		on East 23d Mile and 43d
		Parallel and on the West 1874.
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth 6 ft
		in dia. 3 ft high, from pits
		on line E and W. of post, each
		pit being 3 ft. square and 18 in
		deep: to perpetuate the terminus
		of the 23d Mile -
		Surface rolling
		Soil dry, 2d Prairie -
		Barometric Altitude 2650 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 24th Mile.
		Magnetic Variation 13° 50' East
69	00	Enter bottom N.E. and S.W.
73	40	Drain descends N.E.
78	00	Leave bottom N.E. and S.W.
80	00	Offset for convergency 5 ch. and
		39 links. N. to true line, where
		I set a Cedar post 7 ft long and 6 in
		square, 2 ft deep
		Mark said post on North
		"Dakota" on South "Nebraska"
		on East 24th Mile and 43 Parallel
		and on the West 1874.
		Deposit charred block on
		N. side of post, and raise a
		conical mound of earth 6 ft in
		dia. 3 ft high, from pits on line
		E. and W. of post, each pit being
		3 ft square and 18 in deep. To
		perpetuate the terminus of
		the 24th Mile.
		Surface { Bottom level, Upland rolling } Soil { Bottom 1st rate, Upland 2d "
		Barometric Altitude 2640 ft
		August 31st 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 25th Mile
		Magnetic Variation 13° 50' East
80	00	Offset for convergency 5 ch. 85 lks. N. to true line, & there set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on "S. Dakota" on South "Nebraska" on East 25th Mile and 43d Parallel and on the West "1874".
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 25th Mile.
		Surface rolling
		Soil 3rd rate S
		Barometric Altitude 2575 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 26th Mile
		Magnetic Variation 13° 50' East
80	00	Offset for convergency 6 ch. 32½ lks. N. to true line, & there set a cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on "South Dakota" on "South Nebraska". on East 26th Mile and 43d Parallel" and on the West 1874.
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 26th Mile.
		Surface rolling
		Soil 3rd rate S
		Barometric Altitude 2650 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 27th Mile
		Magnetic Variation 13° 50' East
80	00	Offset for convergency 6 ch. 8 2/10 lks.
		N. to true line. There I set a
		Cedar post 7 ft long and 6 in
		square, 2 ft deep.
		Mark said post on
		North-"Dakota" on South-
		"Nebraska" on East 27th Mile
		and 43° Parallel and on West 1874.
		Deposit charred block
		on N. side of post and raise
		a conical mound of earth-
		2 ft high and 6 ft in dia. from
		pits on line E. and W. of post, each
		pit being 3 ft square and 18 in
		deep: to perpetuate the terminus
		of the 27th Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2650 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 28th Mile.
		Magnetic Variation 13° 50' E.
8	10	Drain descends N.W.
47	60	Drain descends N.W.
80	00	Offset for convergency 7 ch. 33 4/5 lks.
		N. to true line, where I set
		a Cedar post 7 ft long and 6 in
		square, 2 ft deep.
		Mark said post on North-
		"Dakota" on South-Nebraska
		on East 28th Mile and 43° Parallel
		and on the West "1874."
		Deposit charred block
		on the North side of post and
		raise a conical mound of
		earth, 6 ft in dia and 3 ft
		high. from pits on line. E. and
		W. of post. each pit being 3 ft
		square and 18 in deep: to
		perpetuate the terminus of the
		28th Mile. Surface rolling
		Soil 3rd rate Barometric Alt. 2875 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 29th mile.
		Magnetic Variation 13° 50' East
23	00	Origin descende N.W.
80	00	Offset for convergency 7 ch. 87 lks.
		N. to true line, where I set a
		Cedar post 7 ft long and 6 in
		square, 2 ft deep
		Mark said post on N.
		side "Dakota" on South "Nebraska"
		on the East "29th mile and 43d
		Parallel" and on the West "1874."
		Deposit charred block on
		N. side of post, and raise a
		conical mound of earth 6 ft
		in dia. 3 ft high. from pits
		3 ft square, 18 in deep (on line
		E. and W. of post); to perpetuate
		the terminus of the 29th mile.
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2525 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 30th mile
		Magnetic Variation 13° 50' East
51	00	Drain descende N.W.
80	00	Offset for convergency 8 ch. 42 2/5 lks.
		North to true line, where I set
		a Cedar post 7 ft long and 6 in
		square. 2 ft deep.
		Mark said post on North
		"Dakota" on South "Nebraska"
		on East 30th mile and 43 Parallel
		and on the West "1874."
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line E. & W. of post
		each pit being 3 ft square, and
		18 in deep; to perpetuate the
		terminus of the 30th mile.
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2450 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 31st Mile
		Magnetic Variation 14° 15' East
80	00	Offset for convergency 8 ch. 99 2/3 lks. N. to true line, where I set a Cedar post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on the East "31st Mile and 43° Parallel" and on the West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 31st Mile.
		Surface rolling
		Soil 2nd rate
		Barometric Altitude 2470 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 32d Mile
		Magnetic Variation 14° 15' East
46	50	Enter Bottom N.E. and S.W.
48	00	Stream 8 lks. wide flows N.E.
80	00	Offset for convergency 9 ch. 58 2/5 lks. N. to true line, where I set a Cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. side "Dakota" on South "Nebraska" on East 32d Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 32d Mile.
		Surface level bottom Soil 2nd rate
		Barometric Altitude 2420 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 33d Mile
		Magnetic Variation 14° 15' East
75	40	Leave Bottom N.E. and S.W.
80	00	Offset for contingency 10 ch. 19½ lks North to true line, where I set a Willow post 7 ft long 6 in square 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 33d Mile and 43d Parallel" and on the West "1874."
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 33d Mile
		Surface level
		Soil 1st rate
		Barometric Altitude 3380 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 34th Mile -
		Magnetic Variation 14° 20' East
80	00	Offset for contingency 10 ch. and 82 lks N. to true line, where I set a Cedar post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East "34th Mile and 43d Parallel" and on the West "1874"
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 34th mile.
		Surface level bottom
		Soil 1st rate -
		Barometric Altitude 2440 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 35th Mile
		Magnetic Variation 14° 20' E.
80	00	Offset for convergency 11 ch. 46 3/5 lks.
		N. to true line, where I set a
		Willow post 7 ft long and 6 in
		square, 2 ft deep.
		Mark said post on North-
		"Dakota" on South "Nebraska"
		on the East 35th Mile and 48°
		Parallel and on the West "1874".
		Deposit charred block on
		North side of post and raise
		a conical mound of earth 6 ft
		in dia 3 ft high. From pits
		on line E. and W. of post, each
		pit being 3 ft square and
		18 in deep to perpetuate the
		terminus of the 35th Mile.
		Surface gently rolling
		Soil 2nd rate
		Barometric Altitude 2466 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 36th Mile
		Magnetic Variation 14° 20' East
80	00	Offset for convergency 12 ch,
		and 15 links N. to true line,
		where I set a Willow post
		7 ft long and 6 in square, 2 ft
		deep.
		Mark said post on North-
		"Dakota" on South "Nebraska"
		on East "36th Mile and 48° Parallel"
		and on the West "1874".
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth
		6 ft in dia, 3 ft high. From
		pits on line E. and W. of post
		each pit being 3 ft square +
		18 in deep; to perpetuate the
		terminus of the 36th Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2525 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 37th Mile
		Magnetic Variation 14° 20' E
80	00	Offset for convergency 12 chs. 81 3/10 lks N. to true line, where I set a Cedar post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 37th Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia - 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 37th Mile
		Surface rolling
		Soil 3d rate ft
		Barometric Altitude 2560 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 38th Mile
		Magnetic Variation 14° 20' E
35	00	Drain descends N.E.
		Barometric Altitude 2600 ft
80	00	Offset for convergency 13 chs 5 1/2 links, N. to true line where I set a Willow post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the N. "Dakota" on the South "Nebraska" on the East 38th Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line, E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of 38th Mile
		Surface rolling Soil 3d rate
		Barometric Altitude 2600 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 39th Mile
		Magnetic Variation 14° 18' E
80	00	Offset for convergency 14 ch. 28 6/10 links North to true line where I set a Cedar post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the N. "Dakota" on the South "Nebraska" on the East 39th Mile and 43° Parallel and on the West "1874".
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line. each pit being 3 ft square 18 in deep; to perpetuate the terminus of the 39th Mile —
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2625 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 40th Mile
		Magnetic Variation 14° 18' East
80	00	Offset for convergency 14 ch. 97 1/2 links N. to true line. where I set a Cedar post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the South "Dakota" on the S. "Nebraska" on the East 40th Mile and 43° Parallel and on the West "1874"
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia and 18 in deep. from pits on line E and W. of post each pit being 3 ft square. 18 in deep; to perpetuate the terminus of the 40th Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2590 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 41st Mile
		Magnetic Variation 14° 20' E
80	00	Offset for convergency 15 ch.
		763 4/10 lks. North to true line,
		where I set a Willow post 7 ft
		long and 6 in square - 2 ft deep.
		I Mark said post on N.
		"Dakota" on South "Nebraska"
		on East "41st Mile" and 43° Parallel
		and on the West "1874."
		Deposit chaned block
		on N. side of post. and raise
		a conical mound of earth -
		6 ft in dia. 3 ft high. from
		pits on line E. & W. of post
		each pit being 3 ft square and
		18 in deep: to perpetuate the
		terminus of the 41st Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2600 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 42nd Mile
		Magnetic Variation 14° 20' E.
30	00	Drain descends North -
80	00	Offset for convergency 16 ch. 51 lks.
		N. to true line, where I set
		a Cedar post 7 ft long and 6 in
		square - 2 ft deep
		I Mark said post on North -
		"Dakota" on South "Nebraska"
		on East 42nd Mile and 43°
		Parallel and on West 1874
		Deposit chaned block on
		N. side of post. and raise
		a conical mound of earth -
		6 ft in dia. 3 ft high. from
		pits 3 ft square + 18 in deep
		(on line E. and W. of post); to
		perpetuate the terminus
		of the 42nd Mile.
		Surface rolling
		Soill 3rd rate
		Barometric Altitude 2542 ft
		September 1st 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 43d Mile.
		Magnetic Variation 14° 20' E.
30	00	Drain descends North-
80	00	Offset for convergency 17 ch.
		80 10 lks. North- left hand line
		where I set a Willow post
		7 ft long & 6 in square. 2 ft
		deep.
		Mark said post on the
		N. "Dakota" on the South-
		"Nebraska" on the East 43d
		Parallel" and "43d Mile" and on
		the West 1874.
		Deposit chaned block on
		N. side of post. and raise
		a conical mound of earth-
		6 ft in dia and 3 ft high. from
		pits on line E. & W. of post
		each pit being 3 ft square &
		18 in deep: To perpetuate
		the terminus of the 43d. mile-
		Surface level
		Soil 2d. rate. Barometric Al. 2790 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 44th Mile.
		Magnetic Variation 14° 20' E.
80	00	Offset for convergency 18 ch. and
		12 lks. North- left true line
		where I set a Cedar post
		7 ft long, 6 in square and
		2 ft deep.
		Mark said post on the
		North- "Dakota" on the South-
		"Nebraska" on the East 44th
		Mile and 43d Parallel and
		on the West "1874".
		Deposit chaned block
		on N. side of post. and raise
		a conical mound of earth-
		6 ft in dia and 3 ft high. from
		pits on line E. and W. of post each
		pit being 3 ft square and 18 in
		deep; To perpetuate the
		terminus of the 44th Mile.
		Surface gently rolling
		Soil 2d. rate
		Barometric Altitude 2880 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 45th Mile
		Magnetic Variation 14° 25' E
80	00	Offset for convergency 18 ch. 95 7/10 lk. N. to true line
		where I set a Cedar post
		7 ft long and 6 in square, 2 ft
		deep.
		Mark said post on North-
		"Dakota" on South- "Nebraska"
		on East 45th Mile and
		43° Parallel" and on the
		West "1874".
		Deposit chaned. block on
		N. side of post. and raise a
		conical mound of earth-
		6 ft in dia and 3 ft high
		from pits on line E. and W.
		of post. each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus of
		the 45th Mile. Surface gently rolling
		Soil 3rd rate. Barometric Al. 2956 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 46th Mile
		Magnetic Variation 14° 26' E)
80	00	Offset for convergency 19 ch. 80 1/2
		lk. N. to true line, where I
		set a Cedar post 7 ft long
		6 in square, 2 ft deep
		Mark said post on
		the South- "Dakota" on the
		South "Nebraska" on the East
		46th Mile and 43° Parallel,
		and on the West "1874".
		Deposit chaned block on
		N. side of post. and raise a
		conical mound of earth- 6 ft
		in dia, 3 ft high, from pits on line
		E. and W. of post. each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus of
		the 46th Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2970 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 47th Mile
		Magnetic Variation 14° 26' E
80	00	Offset for convergency 20 ch. 67½ lks N. to true line, where I set a Cedar post 7 ft long and 6 in square - 2 ft deep
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 47th Mile and 48 S Parallel and on the West "1874"
		Deposit charred block on the N. side of post and raise a conical mound of earth 6 ft in dia and 3 ft high. from spits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 47th Mile
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2980 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 48th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 21 ch. 56½ lks N. to true line, where I set a Cedar post 7 ft long and 6 in ~~sq~~ dia. 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 48th Mile and 48 S Parallel and on the West 1874
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia: 3 ft high from spits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 48th Mile
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2975 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on the 49 ch Mile
			Magnetic Variation 14°25' E
	80	00	Offset for convergency 22 ch.
			4 ft 3/10 lk. S. to true line, where
			I set a Cedar post 7 ft long
			and 6 in square, 2 ft deep.
			Mark said post on the
			North "Dakota" on the South-
			"Nebraska" on the East 49 ch-
			Mile and 43° Parallel and on the West 1874
			Deposit charred block on
			N. side of post, and raise a
			conical mound of earth 3 ft
			high and 6 ft in dia. from
			pits on line E. and W. of post
			each pit being 3 ft square
			and 18 in deep; to perpetuate
			the terminus of the 49 th Mile.
			Surface rolling
			Soil 3d rate
			Barometric Altitude

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on the 50 ch Mile
			Magnetic Variation 14°25' E
	80	00	Offset for convergency 23 ch.
			4 lk. N. to true line, where I
			set a Cedar post 7 ft long
			6 in square and 2 ft deep.
			Mark said post on
			the North "Dakota" on the
			South "Nebraska" on the
			East 50 th Mile and 43° Parallel
			and on the West "1874".
			Deposit charred block
			on N. side of post, and raise
			a conical mound of earth
			6 ft in diameter and 3 ft
			high, from pits on line E. and
			W. of post, each pit being 3 ft
			square and 18 in deep; to
			perpetuate the terminus of
			the 50 th Mile.
			Surface rolling } Barometric
			Soil 3d rate } Altitude 2975 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 51st Mile
		Magnetic Variation 14° 24' E
80	00	Offset for Convergency 24 ch.
		34½ lks. S. to true line, where I set a Cedar post 7 ft long and 6 in square, 2 ft deep,
		Mark said post on the North "Dakota" on South "Nebraska" on East 51st Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line 3 ft E. & W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 51st Mile
		Surface rolling
		Soil 3d rate
		Barometric Altitude 2925 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 52d Mile
		Magnetic Variation 14° 25' E
80	00	Offset for convergency 25 ch. 30½ lks. S. to true line, where I set a Cedar post 7 ft high and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the S. "Nebraska" on the East 52d Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line 3 ft E. & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 52d Mile
		Surface rolling. Soil 3d rate.
		Barometric Altitude 2900 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 53d Mile
		Magnetic Variation 14° 25' E.
62	00	Enter Bottom N.W. and S.E.
67	00	Drain - water in holes, S.E.
77	50	Leave Bottom S.E. and N.
80	00	Offset for convergency 26 ch.
		29 lks. N. to true line, where
		I set a Cedar post 7 ft long and
		6 in square, 2 ft deep.
		Mark said post on South
		"Nebraska" on North "Dakota"
		on East 53d Mile and 43d
		Parallel" and on the West 1874.
		Deposit charred block
		on North side of post, and
		raise a conical mound of
		earth 6 ft in dia. 3 ft high
		from pits on line E. and W. of
		post, each pit being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of 53d Mile.

Surface Bottom level; Upland rolling
Soil " 1st rate; " 3d rate
Barometric Altitude " 2910 ft
September 2d 1874

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 54th Mile
		Magnetic Variation 14° 25' E.
52	00	Ravine, or drain, N.E. descent
80	00	Offset for convergency 27 ch.
		29 3/10 lks. N. to true line and
		set a Cedar post 7 ft long
		and 6 in square, 2 ft deep.
		Mark said post
		on N. "Dakota", on South
		"Nebraska" on East 54th
		Mile and 43d Parallel
		and on the West "1874".
		Deposit charred
		block on N. side of post
		and raise conical mound of
		earth 6 ft in dia. 3 ft high
		from pits on line E. and W.
		of post, each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus of
		the 54th Mile.

Surface rolling; soil 3d rate
Barometric Altitude 2925 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 55th Mile
		Magnetic Variation 14° 22' E
80	00	Offset for convergency 28 ch. 31⅓ lk. N. to true line where I set a Cedar post 7 ft long, 6 in square, 2 ft deep.
		"Mark said post on the N. "Dakota" on the South "Nebraska" on the East "55th Mile and 43° Parallel" and on the West "1874"
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia and 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square and 18 ft deep. To perpetuate the terminus of the 55th Mile
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 2460 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 56th Mile
		Magnetic Variation 14° 20' E
65	00	Enter Valley N.W. and S.W.
		Note { At the end of this mile I conclude to establish my "1st Astronomical Station"
		Therefore, at
80	00	Offset for convergency 29 ch. and 35½ lk. N. of true line
		At this point I set up my Astronomical Transit, and find that I am 6 chains and 19 links North of 43° Parallel or that my instrument stands in Latitude 43° 0' 3".56
		Note – { For Astronomical observations and deductions – see page 267
		Therefore, I measure and

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			transfer my line 6 chains and 19 links South to new tangent, on the exact point for 43° Parallel, where I set a pine post 7 ft long and 6 in square, 2 ft deep.
			Mark said post on the North "Dakota" on the South "Nebraska" on the East "56th mile" and 43° Parallel" and on the West "1874".
			Deposit charred block on S. side of block and raise a conical mound of earth 6 ft square and 3 ft high from pits on line, E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 56th mile.
			Surface - {Upland rolling / Valley level}
			Soil {Upland 3rd rate / Valley 2d} Barometric Altitude 2960 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			Note - {The Variation and topography as reported above, are that of the line, corrected back for a distance of 15 miles}
			At the point where my Astronomical Transit stood while making the Astronomical observations for Latitude - I erect a Stone Shaft 6 ft long and 12 in square, marked "Latitude Station No 1, on North; Latitude 43° 0' 3".56 on South; 1874 on the West. which shaft I plant 2 ft in the ground, and around which I raise a conical mound of earth; 7 ft in dia and 3 ft high; to perpetuate my "1st Astronomical Station".
			Barometric Altitude 2960 ft.
			September 3d 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		At the point on 43 Parallel 6 chains & 19 lks. South of the "1st Astronomical Station", at the terminus of the 56th mile I set my instrument and turn a right angle from the Meridian established by the Astronomical Transit and continue my line; West on the 57th mile.
		Magnetic Variation 14° 20' E
6	00	Leave Bottom S.E. & S. W.
80	00	Offset for convergency 23/100 lks N. to true line. There I set a Pine post 7 ft high & 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 57th mile and 43° Parallel and on the West "1874".
		Deposit chained

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		block, on N. side of post, and raise a conical mound of earth 2 ft high and 6 ft in dia, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 57th mile
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 3075 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 58th Mile
		Magnetic Variation 14° 20' E
12	70	Drain descends S.W.
28	00	Drain descends S.E.
61	00	Ravine descends S.E.
77	50	Ravine descends S.E.
80	00	Offset for contingency 3 7/10 lks. N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the South "Dakota" on the South "Nebraska", on the East "58th Mile and 43° Parallel" and on the West "1874."
		Deposit charred block on N. side of post, and raise conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep.
		Surface rolling } Barometric
		Soil 2d rate } Altitude 3100 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 59th Mile
		Magnetic Variation 14° 21' E.
55	00	Drain descends S.W.
80	00	Offset for contingency 8 2/5 lks. N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on South "Nebraska" on East 59th Mile and 43°. Parallel and on the West "1874".
		Deposit charred block on N. side of post, and raise conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 59th Mile.
		Surface rolling
		Soil 2d rate
		Barometric Altitude 3100 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 60th Mile
		Magnetic Variation 14° 21' E
13	00	Ravine descends S.E.
80	00	Offset for convergency 14 9/10 lks. N. to true line. where I set a Pine post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the N. "Dakota" on the South "Nebraska" on the East 60th mile and 43° Parallel and on the West "1874"
		Deposit chaned block on N. side of post and raise mound of earth. (conical) 6 ft in dia. 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 60th mile
		Surface rolling Soil 2nd rate {Barometric Altitude 3120 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 61st Mile
		Magnetic Variation 14° 22' E
74	00	Enter Bottom S.E. and N.W.
80	00	Offset for convergency 23 2/5 lks. S. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the South "Dakota" on South "Nebraska" on East 61st mile and 43 Parallel" and on the West "1874"
		Deposit chaned block on N. side of post. raise a conical mound of earth 6 ft in dia and 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 61st mile -
		Surface rolling, Soil 2nd rate
		Barometric Altitude 3040 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 62d Mile.
		Magnetic Variation 14° 22' E
19	60	Drain descends S.E. water in holes.
22	00	Leave Bottom S.E. and N.W.
80	00	Offset for convergency 33 2/5 lks. N. to true line, where I set a Pine post 7 ft long and 6 in square. 2 ft deep.
		Mark said post, on the N. "Dakota". on South "Nebraska" on East "62d mile + 43d Parallel" and on the West "1874".
		Deposit chaned block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post. each pit being 3 ft square and 18 in. deep; to perpetuate the terminus of the 62d mile. Surface rolling; Soil 3d rate.
		Barometric Altitude 3188 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 63d Mile
		Magnetic Variation 14° 20' E
80	00	Offset for convergency 45 4/5 lks N. to true line, where I set a Pine post 7 ft long and 6 in square. 2 ft thick.
		Mark said post on North "Dakota" on South "Nebraska" on East 63d mile and 43d Parallel" and on the West "1874".
		Deposit chaned block on N. side of post. and raise conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post, each pit being 3 ft square and 18 ft deep; to perpetuate the terminus of 63d Mile. Surface rolling upland Soil 3d rate.
		Barometric Altitude 3040 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 64th Mile
		Magnetic Variation 14° 23' E
34	00	Enter level Valley N.W. and S.E.
80	00	Offset for convergency 59 9/10 lks.
		N. to true line, where I
		set a Pine post 7 ft long
		6 in square, 2 ft deep. &
		Mark said post on the
		North "Dakota" on the
		South "Nebraska" on East
		"64th Mile and 43° Parallel"
		and on the West "1874"
		Deposit charred block
		on N. side of post, and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line E. and W. of post
		each pit being 3 ft square
		and 18 in deep, to perpetuate
		the terminus of the 64th mile
		Surface {Upland rolling / Valley level} Soil {Upland 3rd rate / Valley 2d "}
		Barometric Altitude 3120 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 65th Mile.
		Magnetic Variation 14° 30' E
23	50	Leave Valley N.W. and S.E.
75	00	Enter Valley N.W. and S.E.
80	00	Offset for convergency 75 4/5 lks.
		N. to true line, and
		set a Pine post 7 ft long
		and 6 ft square. 2 ft deep.
		Mark said post on the
		North "Dakota" on South
		"Nebraska" on East "65th
		Mile and 43° Parallel" and
		on the West "1874."
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line E. and W. of
		post. each pit being 3 ft
		square, 18 in deep; to perpet-
		uate the terminus of 65th mile
		Surface Upland rolling; Valley level
		Soil - 2d rate } Bar. Al. 3140 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 66th Mile
		Magnetic Variation 14° 30' E
26	20	Stream 15 lks wide S.E.
64	00	Leave Valley S.E. and N.W.
80	00	Offset for convergency 93 3/5 lks.
		N. to true line, inbed set a
		Pine post 7 ft long 6 in square,
		2 ft deep.
		Mark said post on North
		"Dakota" on South "Nebraska"
		on East 66th Mile and 43° Parallel
		and on the West "1874."
		Deposit chaned block on
		N. side of post. and raise a
		conical mound of earth 6 ft in
		dia. 3 ft high. from pits on
		line. each pit being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 66th mile
		Surface Bottom-level, Upland rolling
		Soil 2nd rate
		Barometric Altitude 3200 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 67th Mile
		Magnetic Variation 14° 30' East
34	00	Enter Valley N.E. and S.W.
54	10	Drain descends N.E.
80	00	Offset for convergency 1 ch 13 1/5 lks
		N. to true line, inbed set a
		Pine post 7 ft long and 6 in
		square 2 ft deep.
		Mark said post on S.
		"Nebraska" on North "Dakota"
		on East 67th mile and 43°
		Parallel and on the West
		"1874."
		Deposit chaned block
		on N. side of post and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line S. and W. of post
		each pit being 3 ft square &
		18 in deep; to perpetuate the
		terminus of 67th mile.
		Soil 2nd rate
		Surface Upland Sand hills. Bottom land
		Barometric Altitude 3360 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 68th Mile
		Magnetic Variation 14° 25' E
10	00	Leave Valley N.W. and S.E.
80	00	Offset for convergency 1 ch 84 7/10 lks N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 68th Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 68th Mile.
		Surface, rolling Sand hills, Soil 3d rate
		Barometric Altitude 3440 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 69th Mile
		Magnetic Variation 14° 25' E.
80	00	Offset for convergency 1 ch. 58 lks N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East "69th Mile and 43° Parallel" on the West "1874."
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in deep. To perpetuate the terminus of the 69th Mile
		Surface, rolling Sand hills
		Soil 3d rate
		Barometric Altitude 3300 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 70th Mile
		Magnetic Variation 14° 30' E
22	00	Enter Valley N.E. and S.W.
79	00	Leave Valley N.W. and S.E.
80	00	Offset for convergency 1 ch.
		8 3/5 lks. N. to true line. where
		I set a Pine post 7 ft long
		and 6 in square, 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 70th Mile and 43° Parallel
		and on the West "1874".
		Deposit charred block
		on N. side of post. and
		raise a conical mound of
		earth 6 ft in dia. and 3 ft
		high. from pits on line. E. and
		W. of post. each pit being
		3 ft square and 18 in deep.
		To perpetuate the terminus of
		the 70th Mile
Surface		Upland rolling. Bottom level.
Soil		Upland 3rd rate. Bottom 1st "
Barometric Altitude		3350 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 71st Mile
		Magnetic Variation 14° 25' E
26	00	Enter Valley N.E. and S.W.
70	00	Leave Valley N.W. and S.E.
80	00	Offset for convergency 2 ch.
		16 3/5 lks. N. to true line. where
		I set a Pine post 7 ft long,
		6 in square, 2 ft deep.
		Mark said post on the
		N. "Dakota" on South "Nebraska"
		on the East 71st mile and 43°
		Parallel" and on the West "1874".
		Deposit charred block
		on N. side of post. and raise
		a conical mound of earth, 6 ft
		in dia, 3 ft high. from pits
		on line E. and W. of post. each
		pit being 3 ft square and
		18 in deep; to perpetuate the
		terminus of the 71st Mile
Surface		Upland rolling. Bottom level
Soil		Upland 3rd rate. Valley 1st "
Barometric Altitude		3350 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 72d Mile
		Magnetic Variation 14° 25' E
4	00	Enter Valley N.E. and S.W.
19	00	Drain descends N.E.
42	00	Enter Marsh N.W. and S.E.
73	00	Leave Marsh N.W. and S.E.
80	00	Offset for convergency 2 ch.
		39 6/10 W.P.N. to true line, where
		I set a Pine post 7 ft long &
		6 in square, 2 ft deep.
		Mark said post on the
		N. "Dakota" on S. "Nebraska"
		on the East 72d Mile and 43d
		Parallel and on the West "1874".
		Deposit charred block on
		N. side of post, and raise
		a conical mound of earth
		6 ft square and 3 ft high,
		each pit being 3 ft square
		and 18 in deep; to perpetuate the
		terminus of the 72d mile.

Surface { Upland rolling / Bottom level } Soil { Upland 3d rate / Bottom 1st " "

Barometric Altitude 3310 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 73d Mile
		Magnetic Variation 14° 26' E.
16	00	Leave Valley N.W. and S.E.
42	50	Enter Valley N.E. and S.W.
50	00	Enter Marsh (Spear bed 4 ft thick) N.E. & S.W.
80	00	Offset for convergency 2 ch. 70 1/2 lks
		N. to true line, where I set a
		Pine post 7 ft long and 6 in square
		2 ft deep.
		Mark said post on North
		"Dakota" on South "Nebraska"
		on East 73d Mile and 43d
		Parallel and on West "1874".
		Deposit charred block
		on N. side of post, and raise
		a conical mound of earth 6 ft
		in dia, 3 ft high from pit
		on line, each pit being
		3 ft square and 18 in deep,
		to perpetuate the terminus
		of the 73d Mile

Surface { Upland rolling / Bottom level } Soil { Upland 3d rate / Bottom 1st " "

Barometric Altitude 3350 feet

next morning " " 3100 feet September 7th 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 74th Mile
		Magnetic Variation 14° 26' E.
14	00	Leave Marsh S.E. and N.W.
80	00	Offset for convergency 3 ch. 35 lks. N. to true line, where I set a Pine post 7 ft long & 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on the East 74th Mile and 48° Parallel and on the West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 74th Mile. Surface gently rolling. Soil 1st rate. Barometric Altitude 3175 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 75th Mile
		Magnetic Variation 14° 26' E
20	00	Leave Bottom N.W. and S.E.
80	00	Offset for convergency 3 ch. 37 7/5 lks. N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 75th Mile and 48° Parallel" and the West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 75th Mile. Surface Bottom level; Upland rolling. Soil " 1st rate " 3d rate. Barometric Altitude 3260 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 76th Mile
		Magnetic Variation 14° 26' E
80	00	Offset for contingency 3 ch. 74 2/5 lk. S. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 76th Mile and 43° Parallel and on the West "1874".
		Deposit charred block on N. side of line and raise a conical mound of earth 6 ft dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 76th Mile
		Surface Sand hills
		Soil 3rd rate
		Barometric Altitude 3275 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 77th Mile
		Magnetic Variation 14° 27' E
80	00	Offset for contingency 4 chains 1 2/10 lk. S. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 77th Mile and 43° Parallel" and on West "1874".
		Deposit charred block on N. side of post, and raise a conical mound 6 ft dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 77th mile.
		Surface Sand-hills.
		Soil 3rd rate.
		Barometric Altitude 3300 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on the 78th mile
			Magnetic Variation 14° 27' E
	80	00	Offset for contingency 4 chs and 5 1/2 lks N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
			Mark said post on the North "Dakota" on South "Nebraska" on East 78th mile and 43d Parallel and on the West "1874"
			Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line. E and W of post each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 78th mile.
			Surface Sand hills
			Soil 8" rate
			Barometric Altitude 3275 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on 79th Mile.
			Magnetic Variation 14° 27' E
	80	00	Offset for contingency 4 chs 5 1/2 lks N. to true line, where I set a Pine post 7 ft long and 6 in square. 2 ft deep
			Mark said post on the N. "Dakota" on the South "Nebraska" on the East 79th mile and 43d Parallel and on the West "1874."
			Deposit chained blocks on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E and W. of post. each pit being 3 ft square 18 in deep. to perpetuate the terminus of the 79th mile.
			Surface E 1/2 Sandhills. W 1/2 gently rolling
			Soil — E 1/2 - 3" rate; W 1/2 2" rate
			Barometric Altitude 3260 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 80th mile
		Magnetic Variation 14° 28' E
44	00	Top of Sand-hill. Bar al. 3440 ft
80	00	Offset for contingency 5 ch.
		39 lks N. to true line where
		I set a Pine post 7 ft long
		6 in square and 2 ft deep
		Mark said post on North-
		"Dakota" on South "Nebraska"
		on East 80th mile and 43°
		Parallel and on the West "1874".
		Deposit charred block
		and raise a conical mound
		of earth 6 ft in dia. 3 ft
		high. Dig pits on line
		E and W of post, each pit
		being 3 ft square and 18 in
		deep: to perpetuate the
		terminus of the 80th mile
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 3300 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 81st Mile
		Magnetic Variation 14° 29' E
15	00	Enter flake-bottom N.W. and S.E.
37	80	Drain descends S.W. 50 lks wide, cradle in holes
61	00	To Lake bears N. and S. —
		As the distance across this
		Lake cannot be obtained by
		chaining, I set my flag
		on the opposite side of
		the lake, on line, and as
		the lake covers more than
		40 acres, and being fed
		by subterranean sources,
		will not be liable to
		dry up or disappear. I
		offset South to true line for
		43° Parallel and set a
		Pine post for a Meander
		Corner. said post being
		7 ft long and 6 in square,
		2 ft deep;
		Mark said post on

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			the North "Dakota" on the South "Nebraska" on the East "1874" and on the West "Meander Corner".
			Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia and 3 ft high from pits on line E and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the Meander Corner on the 81st Mile.
			To obtain distance over Lake, I commence on my line at the edge of the Lake and offset North 24 chains and 42 links thence West 123 chains and 60 links; thence South - 24 chs and 42 links, back to line.
80	00		Corner to 81st Mile mill

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			come in Lake, therefore it cannot be established
			The surface of this line East of Lake is upland rolling sand-hills. 3rd rate soil.
			Surface of bottom, gently rolling - 1st rate soil.
			Barometric Altitude 3250 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on 82d Mile.
			Magnetic Variation 14° 29' E.
			This line lies wholly in the Lake; therefore the corner to 82d Mile cannot be established.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on the 83d Mile
			Magnetic Variation 14° 29' E.
	24	60	Leave Lake and offset S. to 43d Parallel; where set a Pine post being 7 ft long and 6 ft square, 2 ft deep.
			Mark said post on the North "Dakota" on the South "Nebraska" and on the East 83d mile and 43d Parallel", and on the West "1874"
			Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the Meander Corner at the 83d Mile.
	80	00	Offset for contingency 6 ch.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			82 3/10 lks. S. to true line, where I set a Pine post 7 ft long and 6 in. square. — 2 ft deep. Mark said post on the N. "Dakota" on South-Side on East 83d Mile and 43d Parallel", and on the West "1874".
			Deposit chained block on N. side of block and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E. and W. of post, each pit being 3 in square and 18 in deep; to perpetuate the terminus of the 83d Mile.
Note.			There is another lake covering a large area of surface, 206 acres at least, about 60 ch. N.E. of the Lake above

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			described. It is supposed to be the head-waters of the Keya-Paha River.
			Surface; Upland, gently rolling " Bottom level.
			Soil " ; Upland 2nd rate " Bottom 1st rate
			Barometric Altitude 3386 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 84th Mile.
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 7 ch.
		33 4/5 lk. N. to true line,
		and set a Pine post
		7 ft long and 6 in square,
		2 ft deep;
		Mark said post on the
		N. "Dakota" on South "Nebraska"
		on the East 84th Mile and 43°
		Parallel and on the West
		"1874".
		Deposit charred block
		on N. side of post. and raise
		a conical mound 6 ft in
		dia 3 ft high, from pits
		on line E. and W. of post each
		pits being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 84th Mile
		Surface rolling.
		Soil sandy — 3rd rate.
		Barometric Altitude 3420 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 85th Mile.
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 7 ch. 87 1/10
		lk. N. to true line, where I
		set a pine post 7 ft long and
		6 in square, 2 ft. deep.
		Mark said post on
		N. side "Dakota" on South
		"Nebraska", on East 85th Mile
		and 43° Parallel; on the
		West "1874"
		Deposit charred block
		on N. side of post and raise
		a conical mound of earth
		6 ft in dia. 3 ft high from
		pits on line. E. and W. of post
		each pits being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 85th Mile
		Surface rolling
		Soil sandy — 3rd rate
		Barometric Altitude 3480 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 86th Mile
		Magnetic Variation 14° 30' E
75	00	Enter Marshy bottom N.W. and S.E.
80	00	Offset for convergency 8 ch. 4 2/5 lks. N. to true line when I set a Pine post 7 ft long and 6 in square, 2 ft deep. Mark said post on the N. "Dakota" on South "Nebraska" on East 86th Mile and 43° Parallel" and on the West 1874.
		Deposit chained block and raise a conical mound 6 ft in dia. 3 ft high from pits 3 ft square and 18 in deep; to perpetuate the terminus of the 86th Mile.
		Surface Upland rolling, Soil 3rd rate
		The Bottom is level Paind contains an excellent quality of Peat which continues to the 86th Mile post. Barometric Al. 3440 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 87th Mile
		Magnetic Variation 14° 30' E
5	00	Leave Marshy Bottom N.W. and S.E.
80	00	Offset for convergency 8 ch. 9 9/5 lks. South to true line when I set a Pine post 7 ft long and 6 in square 2 ft deep. Mark said post on the North "Dakota" on South "Nebraska" on the East 87th Mile and 43° Parallel and on the West "1874".
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia and 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in. deep; to perpetuate the terminus of 87th Mile.
		Surface { Upland rolling, Bottom marshy } Soil 3rd rate
		Barometric { Altitude 3460 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 88th Mile
		Magnetic Variation 14° 30' E
26	00	Enter "Hay-bottom" N.W. & S.E.
42	40	Leave "Hay-bottom" N.W. & S.E.
80	00	Offset for convergency 9 ch. 58 3/4 lks S. to true line, where I set a Pine post 7 ft long & 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East "88th Mile" and 43° Parallel" and on the West "1874"
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. From pits on line, each pit being 3 ft square and 18 in deep. To perpetuate the terminus of the 88th Mile.
		Surface {Bottom level / Upland rolling} Soil {Bottom 1st rate / Upland 3rd "} Good for hay. Barometric Altitude 3525 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 89th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 10 ch. 1 lk 3/10 lks South to True line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 89th Mile and 43° Parallel and on the West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 3 ft high from pits 3 ft square and 18 in deep, pits being on line E. and W. of post, to perpetuate the terminus of the 89th Mile
		Surface rolling
		Soil sandy 3rd rate
		Barometric Altitude 3480 East

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 90th Mile -
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 10 ch. 82 lks.
		W. to true line, offset set
		a Pine post, 7 ft long and
		6 in square, 2 in deep.
		Mark said post
		on the North "Dakota" on the
		South "Nebraska" on the East
		90th Mile and 43° Parallel
		and on the West 1874.
		Deposit chaned block
		and raise a conical mound
		of earth 6 ft in dia and 3 ft
		high from pits on line, E. & W.
		of post, each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus of
		the 90th Mile.
		Surface Sand hills
		Soil 3rd rate
		Barometric Altitude 3600 ft
		September 8th 1874

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 91st Mile
		Magnetic Variation 4° 56' E.
80	00	Offset for convergency 11 ch. 46 6/10 lks.
		North to true line, and
		set a Pine post 7 ft long
		and 6 in square, 2 ft deep
		Mark said post on the
		North "Dakota" on the South
		"Nebraska" on the East
		91st mile and 43° Parallel
		on the West "1874."
		Deposit chaned block
		on N. side of post and raise
		a conical mound of earth
		6 ft in dia. 3 ft high, from
		pits 3 ft square and 18 in
		deep; to perpetuate the terminus
		of the 91st mile.
		Surface Sand-hills
		Soil 3rd rate
		Barometric Altitude 2590 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 92d Mile —
		Magnetic Variation 14° 30' E —
45	00	Lake, 3 ch. S. of line extending
		South — 30.00 — 7 chains wide
80	00	Offset for convergency 12 ch.
		13 lks. N. to true line, where
		I set a Pine post, 7 ft long
		6 in square, 2 ft deep.
		Mark said post on
		the North "Dakota" on S.
		"Nebraska", on the East 92d
		Mile and 43d Parallel, and
		on the West "1874".
		Deposit stamped block
		on N. side of post, and
		raise a conical mound
		of earth 6 ft in dia. 3 ft
		high from pits 3 ft square
		and 18 in deep; to perpetuate
		the terminus of the 92d Mile
		Surface Sand hills
		Soil 3d rate } Bar. Al. 3680 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 93d Mile —
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 12 chs
		8 lks $\frac{8}{10}$, lks. N. to true line, where
		I set a Pine post, 7 ft long
		and 6 in square, 2 ft deep
		Mark said post on the
		South "Dakota" on South
		"Nebraska" on East 93d Mile
		and 43d Parallel and on
		the West "1874"
		Deposit stamped block
		on the North side of post
		and raise a conical mound
		of earth 6 ft in dia and 3 ft
		high from pits on line E
		and W. of post, each pit being
		3 ft square and 18 in deep;
		to perpetuate the terminus
		of the 93d Mile —
		Surface Sand hills Soil 3d rate
		Barometric Altitude 3790 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 94th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 13 ch. 51 lk. S. to true line. Thence I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 94th Mile and 43° Parallel and on the West 18 ft
		Deposit charred block on N. side of post and raise a conical mound 6 ft in diameter and 3 ft high from pits on line. each pit being 3 ft square and 18 in deep to perpetuate the terminus of the 94th Mile —
		Surface Sand-hills
		Soil 3rd rate
		Barometric Altitude 3980 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 95th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 14 ch. 23 $\frac{6}{10}$ lk. S. to true line and set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 95th Mile and 43° Parallel —
		Deposit charred block on the North side of post and raise a conical mound of earth 6 in dia. 3 ft high from pits 3 ft square and 18 in deep; to perpetuate the terminus of the 95th Mile.
		Surface Sand-hills —
		Soil 3rd rate —
		Barometric Altitude 3840 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 96th Mile — Magnetic Variation 14° 30' E —
55	00	40.00 ch. South — there is a large Lake covering about 200 acres — S West of this lake — about 20 ch. is another covering about 160 acres.
80	00	Offset for convergency 14 ch. 97 6/10 lks. N. to true line, where I set a Pine post 7 ft long and 6 in square, 2 ft deep. Mark said post on the South "Nebraska" on East "Dakota" on East 96th Mile and 43° Parallel and on the West "1874." Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line 3 ft square & 18 in deep, to perpetuate terminus of 96th mile. Surface Sand-hills Soil 3rd rate Barometric Altitude 3875 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on the 97th Mile — Magnetic Variation 14° 30' E
80	00	Offset for convergency 15 ch. 7 3/5 lks N. to true line, where I set a Pine post 3 ft long and 6 in square, 2 ft deep. Mark said post on the North "Dakota" on South "Nebraska" on East 97th Mile and 43° Parallel and on the West "1874." Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia — 3 ft high from pits on line, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 97th mile — Surface Sand-hills Soil 3rd rate Barometric altitude 3920 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 98th Mile.
		Magnetic Variation 14° 30' E
51	00	Enter Lake Bottom N. and S
80	00	Offset for convergency 16 ch. 51 1/10 lks. N. to true line where I set a Pine post 7 ft long and 6 in square. 2 ft deep
		Mark said post on the North "Dakota" on the South "Nebraska" on East "98th Mile and 43° Parallel" and on the West "1874"
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high from pits 3 ft square and 18 in deep, to perpetuate the terminus of the 98th Mile.
		Surface Sand hills and level Bottom Soil, sand-hills 3rd rate, Bottom 2nd rate.
		Barometric Altitude 3900 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 99th Mile
		Magnetic Variation 14° 30' E
2	00	Leave Lake Bottom N.E. & S.W.
80	00	Offset for convergency 17 ch. 30 3/5 lks. N. to true line & where I set a Pine post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 98th Mile and 43° Parallel on the West "1874".
		Deposit charred block on North side of post, and raise a conical mound of earth 3 ft high - 6 in dia. from pits 3 ft square, and 18 in deep. (on line E. and W. of post) to perpetuate the terminus of 99th Mile.
		Surface Sand hills. Soil 3rd rate
		Barometric Altitude 4020 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 100th Mile.
		Magnetic Variation 14° 30' E.
80	00	Offset for convergency 18 ch. 12 lk. N. to true line where I set a pine post 7 ft long 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East "100th Mile" and 43° Parallel" and on the West 1874.
		Deposit charred block and raise a conical mound of earth 6 ft in dia, 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 100th Mile.
		Surface Sand-hills
		Soil 3d rate
		Barometric Altitude 4050 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 101st Mile
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 18 ch. 95 2/5 lk. N. to true line, where I set a Pine post 7 ft long 6 in square 2 ft deep.
		Mark said post on the North "Dakota" on South "Nebraska" on East 101st Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia, 3 ft high from pits 3 ft square and 18 in deep — on line E. and W. of post, to perpetuate the terminus of the 101st mile.
		Surface Sand hills Soil 3d rate
		Barometric Altitude 3980 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 102d. Mile
		Magnetic Variation 14°35' E.
80	00	Offset for contingency 19 ch.
		85½ lks. S. to high hill, where
		I set a Pine post 7 ft long
		and 6 in square, 2 ft deep.
		Mark said post on South
		"Dakota" on South Nebraska
		on East 102d. Mile and 43d
		Parallel and on the West "1874"
		Deposit charred block
		on N. side of post, and
		raise a conical mound
		of earth - 6 ft in dia and
		3 ft high from pits - on
		line E and W. of post, each
		pit being 3 ft. square and
		18 in deep - on line E and W of
		post); to perpetuate the terminus
		of the 102d Mile -
		Surface Sand-hills
		Soil 3d. rate
		Barometric Altitude 4040 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 103d Mile
		Magnetic Variation 14°35' E.
31	00	Enter Valley S.E. and N.W.
59	60	Leave Valley S.W. and N.E.
80	00	Offset for contingency 20 ch.
		67½ lks. N. to Pine post line and
		set a Pine post 7 ft long
		and 6 in square, 2 feet deep.
		Mark said post
		on the North "Dakota"
		on the South "Nebraska"
		on the East 103d Mile and
		43 Parallel
		on the West "1874".
		Deposit charred block
		on N. side of post, and
		raise a conical mound of
		earth - 6 ft in dia 3 ft high
		from pits on line E and W of
		post, each pit being 3 ft
		square and 18 in deep.
		Surface Sand-hills. Soil 3d rate
		Barometric Altitude 4045 ft
		Next morning " September 9 1874 3540 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 104th Mile
		Magnetic Variation 14° 35' E.
80	00	Offset for convergency 21 ch. 5 lks. N. to true line, where I set a Pine post 7 ft long 6 in square and 2 ft deep.
		Mark said post on North-"Dakota" on South-"Nebraska" on East 104th Mile and 43° Parallel" and on the West "18 74."
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post each pit being 3 ft. square and 18 in deep: to perpetuate the termini of the 104th Mile.
		Surface Sand-hills.
		Soil 3rd rate.
		Barometric Altitude 3445 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 105th Mile
		Magnetic Variation 14° 35' E.
80	00	Offset for convergency 22 ch. 4 lks. North of true line, where I set a Pine post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the North-"Dakota" on the South-"Nebraska" on the East 105th Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia and 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep: to perpetuate the termini of the 105th Mile.
		Surface rolling. Soil 3rd rate, sandy.
		Barometric Altitude 3550 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 106th Mile
		Magnetic Variation 14° 36' E
23	00	Enter Valley N.W. and S.E.
47	50	Leave Valley N.E. and S.W.
80	00	Offset for Convergency 23 ch.
		40 lk. N. to true line, where
		I set a Pine post 7 ft long
		6 in square, 2 ft deep.
		Mark said post
		on the N. "Dakota" on
		the South "Nebraska" on
		the East 106th Mile and 43°
		Parallel" and on West "18 74"
		Deposit charred block
		on N. side of post, and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line E. and W. of
		post, each pit being 3 ft
		square and 18 in deep. To
		perpetuate the terminus
		of 106th Mile. Surface Upland rolling / Valley level } Soil Upland sandy / Valley sandy
		Barometric Altitude 3560 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 107th Mile
		Magnetic Variation 14° 30' E
24	00	Enter Bottom S.E. and N.W.
27	50	Enter Pond (dry) S.E. and N.W.
44	00	Leave Pond (dry) N.W. and S.E.
66	00	Drain descends N.E.
78	50	Leave Bottom N.E. and S.W.
80	00	Offset for Convergency 24 ch. 34½
		lk. N. to true line where
		I set a Pine post 7 ft long
		and 6 in square. 2 ft deep.
		Mark said post on
		North "Dakota" on the South
		"Nebraska" on East 107th Mile and 43°
		Parallel on West "18 74"
		Deposit charred block on N. side
		of post, and raise a conical mound
		6 ft square and 3 ft ~~high~~ from
		pits 3 ft square and 18 in deep
		to perpetuate the terminus of 107th Mile
		Surface gently rolling, 2d rate
		Barometric Altitude 3600 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 108th Mile -
		Magnetic Variation 14° 30' E
74	40	Enter bed of Pond (dry) N. and S.
80	00	Offset for convergency 25 ch. 30 lks.
		N. to true line where
		I set a Pine post 7 ft long and
		6 in square - 2 ft deep.
		Mark said post on the
		North "Dakota" on South -
		"Nebraska" on East 108th -
		Mile and 43° Parallel, on
		West "1874".
		Deposit charcoal block on
		N. side of post, and raise a
		conical mound of earth 6 ft
		square and 3 ft high from
		pits on line, each pit
		being 3 ft square and 18 in deep
		to perpetuate the terminus
		of the 108th Mile.
		Surface rolling, Soil Sandy
		Barometric Altitude 3550 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long W from Washington.

Chains	Links	
		North - on 109th Mile
		Magnetic Variation 14° 30' E
9	80	Leave dry pond N. and S.
26	50	Drain descends S. E.
80	00	Offset for convergency 26 ch.
		29 1/5 lks. N. to true line where
		I set a Pine post 7 ft long
		and 6 in square, 2 ft deep.
		Mark said post on
		N. "Dakota" on South "Nebraska"
		on East "109th - Mile" and 43° Parallel
		and on the West "1874".
		Deposit charcoal block on
		North - side of post, and raise
		a conical mound of earth 6 ft
		dia. 3 ft high, from pits on
		line E. and W. of post, each
		pit being 3 ft square and 18 in
		deep; to perpetuate the terminus
		of the 109th - Mile,
		Surface rolling; Soil Sandy
		Barometric Altitude 3610 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 110th Mile -
		Magnetic Variation 14° 30' East
9	80	~~Leave dry pond N. & S.~~
~~28~~	~~50~~	~~Drain Alexander L.~~
80	00	Offset for convergency 27 ch. 29 lk. N. to true line, where I set a Pine post, 7 ft long and 6 in diam., 2 ft deep.
		Mark said post on North - "Dakota" on South "Nebraska" on East 110th Mile and 43° Parallel and on the West "1874".
		Deposit chained block on N. side of post, and raise a conical mound of earth - 6 ft in dia., 3 ft square from pits on line E. & W. 4 pits each pit being 3 ft square & 18 in deep; to perpetuate the terminus of the 110th Mile.
		Surface rolling Soil 3rd rate
		Barometric Altitude 3600 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 111th Mile.
		Magnetic Variation 14° 30' E.
80	00	Offset for convergency 28 ch. 31 2/5 lk. North to the line where I set a Pine post 7 ft long & 6 in square, 2 in deep.
		Mark said post on the South "Dakota" on the North "Nebraska" on the East 111th Mile and 43° ~~Mile~~ Parallel and on West "1874".
		Deposit chained block on N. side of post, and raise a conical mound 6 in dia. 3 ft high from pits on line, E. & W. of post, said post being 3 ft square and 18 in deep; to perpetuate the terminus of the 111th Mile.
		Surface rolling Soil 3rd rate
		Barometric Altitude 3640 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 112th mile
		Magnetic Variation 14° 38' E.
55	00	Enter Bottom N.W. and S.E.
74	00	Drain descends S.E. (Head of Ravine)
		1 chain West of the end of the mile, I establish my 2d Astronomical point
		Note — This 1 chain was added for the sake of obtaining a better position for the Instrument
		Therefore at
81	00	Offset for convergency North 29 ch'l. and 35 lk's. to true line at which point I set up my Astronomical Transit and find that I am 6 ch'l. 29 2/3 lk's. South of the 43° Parallel or that my instrument stands up Latitude 42° 59' 55"

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		Note — For Astronomical observations and deductions see page 279
		Therefore, I measure and transfer my line 6 ch'l. 29 2/3 lk's. N. to new tangent on the exact point for the 43° Parallel, at which point from the true Meridian found, I turn a right Angle and measure 1 chain East when at
80	00	I set a Cottonwood post 7 ft long and 6 in square 2 ft deep.
		Mark said post on the "North-Dakota" on the South "Nebraska" on East 112th Mile and 43° Parallel, and on the West "1874".

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			Deposit charred block on N. side of post and raise a conical mound of earth - 6 ft in dia. 3 ft high. four pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 112 th-Mile
			Surface - Upland. rolling Bottom level
			Soil - Upland 3rd rate Bottom 1st rate
			Barometric Altitude 3225 ft
			Note - My variation and topography as reported above and that of the line, corrected back a distance of 18 miles

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			At the point where my instrument (Astronomical Transit) stood while making the astronomical observations for Latitude I set a stone shaft 5½ ft long, 12 in wide and 18 in thick. Marked "Latitude Station No. 2" on North. Latitude 42° 59' 55.46" on South and on East "1874" which shaft I plant 18 in. in the ground and around which I rain a conical mound 7 ft in dia. 2½ ft. high; to perpetuate the "Second Astronomical Station".
			September 10th 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		At the point on the 43° Parallel 6 ch. 29 2/8 lks. South of the "2° Astronomical Station" I turn a right angle from true Meridian found by my Astronomical Transit and continue my line West on 113th Mile - (measurement commenced at 112th mile post)
		Magnetic Variation 14° 30' E.
25	00	Leave Bottom N.W. and S.E.
80	00	Offset for convergency 0,93 lks N to true line. Here I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep. I Mark said post on the N. Dakota, on S. Nebraska, on East 113 ~~114~~ th Mile and 43 Parallel on West "1874".

Deposit chained block on N. side of post, & raise conical mound 6 ft in dia. 3 ft high, from pits on line E. and W. of post each pit being 3 ft square and 18 in deep.

Surface { Bottom level / Upland sand hills } Soil { Bottom 1st rate / sand hills 3rd }

Barometric Altitude 3275 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 114th Mile -
		Magnetic Variation 14° 30' East
80	00	Offset for convergency 3 7/10 lks South to true line and set a Cottonwood post 7 ft long and 6 ft square, 2 ft deep. I Mark said post on the South "Nebraska" on North "Dakota" on East 114th Mile and 43° Parallel and on West "1874".

Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft square, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 114th Mile.

Surface sand-hills.

Soil 3rd rate.

Barometric Altitude 3280 ft

1.2.6

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 115th Mile,
		Magnetic Variation 14° 30' E
80	00	Offset for convergency 8 2/5 lks. N to true line, and set a Cotton-wood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East "115 Mile and 43° Parallel" and on the West "1874."
		Deposit charred block on N. side of post, and raise a con-cal mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 115th mile.
		Surface Sand-hills
		Soil worthless.
		Barometric Altitude 3275 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 116th Mile.
		Magnetic Variation 14° 30' E.
80	00	Offset for convergency 14 9/10 lks. North to true line, where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on N. side "Dakota" on South "Nebraska" on East "116th Mile and 43° Parallel" and on West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia 3 ft high, from pits on line, E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 116th mile.
		Surface Sand-hills
		Soil 3rd rate
		Barometric Altitude 3260 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 117th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for contingency 23 2/5 lks.
		N. to true line, where I set a
		Cottonwood post 7 ft long and
		6 in square. 2 ft deep.
		Mark said post on
		the North "Dakota" on South-
		"Nebraska" on the East "117th-
		Mile and 48° Parallel" on the
		West "1874".
		Deposit charred block on
		N. side of post. and raise a
		Conical mound of earth 6 ft
		in dia, and 3 ft high. each
		pit being 3 ft square and
		18 in deep; to perpetuate the
		terminus of the 117th Mile.
		Surface Sand-hills
		Soil 3rd rate
		Barometric Altitude 3340 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 118th Mile
		Magnetic Variation 14° 30' E
80	00	Offset for contingency 33 3/5
		lks. S. to true line, where I
		set a Cottonwood post 7 ft
		long and 6 in square. 2 ft
		deep.
		Mark said post on North-
		"Dakota", on South- "Nebraska"
		on East 118th Mile and 43°
		Parallel and on the West 1874.
		Deposit charred block
		on N. side of post and raise
		a conical mound of earth-
		6 in square and 3 ft high
		from pits on line E. and W.
		of post. each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus
		of the 118th Mile-
		Surface Sand hills. Soil 3rd rate
		Barometric Altitude 3290 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on 119th Mile
			Magnetic Variation 14° 30' E
	80	00	Offset for convergency 45 4/5 lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep.
			Mark said post on N. side "Dakota" on South- "Nebraska" on East 119th Mile and 43° Parallel and on the West "1874".
			Deposit charred block on N. side of post, and raise a conical mound of earth-6 ft in dia 3 ft square from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 119th Mile -
			Surface Sand-hills
			Soil 3rd rate
			Barometric Altitude 3300 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on 120th Mile
			Magnetic Variation 14° 30' E
	80	00	Offset for convergency 59 2/10 lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep.
			Mark said post on N. side "Dakota" on South- "Nebraska" on East 120th Mile and 43° Parallel and on the West "1874."
			Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia, 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 120th Mile
			Surface Sand-hills
			Soil 3rd rate
			Barometric Altitude 3440 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on 121st Mile
			Magnetic Variation 14° 31' E
	80	00	Offset for convergency 75 4/5 lks
			N. to true line. Forthwith I set
			a Cottonwood post 7 ft long
			6 in square 2 ft deep.
			Mark said post on N.
			"Dakota" on South "Nebraska"
			on East 121st Mile and 43°
			Parallel" and on West 1874.
			Deposit charred block
			on North-side of post, and
			raise a conical mound of
			earth 6 ft in dia. 3 ft high.
			each pit being 3 ft square
			and 18 in deep, (on line E. and W.
			of post); to perpetuate the
			terminus of the 121st Mile —
			Surface Sand-hills
			Soil 3rd rate —
			Barometric Altitude 3475 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on 122d Mile
			Magnetic Variation 14° 31' E.
	80	00	Offset for convergency 93 3/5 lks
			N. to true line. Offset I set
			a cottonwood post 7 ft long
			and 6 in square, 2 ft deep.
			Mark said post on the
			North "Dakota" on South
			"Nebraska" on East 122d Mile
			and 43° Parallel" and on the
			West "1874."
			Deposit charred block on
			N. side of post, and raise a
			conical mound of earth 6
			ft in dia, 3 ft high. from
			pits on line E. and W. of
			post. each pit being 3 ft square
			and 18 in deep; to perpetuate
			the terminus of the 122d Mile
			Surface Sand-hills —
			Soil 3rd rate
			Barometric Altitude 3420 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 123d Mile
		Magnetic Variation 14° 31' East
53	00	Enter Bottom N.E. and S.W.
76	00	Leave Bottom N.W. and S.E.
80	00	Offset for convergency 1 chain
		18 1/5 lks N. to true line, where
		I set a Cottonwood post 7 ft
		long and 6 in square, 2 feet deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 123d Mile and 43° Parallel
		and on the West "1874"
		Deposit charred block
		on N. side of post and raise
		a conical mound of earth
		6 ft in dia. and 3 ft high.
		Each pit being 3 ft square
		18 in deep. to perpetuate the
		terminus of the 123d Mile.
		Surface Sand-hills rolling; Bottom land
		Soil Sand hills 3d rate; " 2d rate
		Barometric Altitude 3520 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 124th Mile
		Magnetic Variation 14° 31' East
80	00	Offset for convergency 1 chain 34 7/10 lks
		N. to true line where I set
		a Cottonwood post 7 ft long
		6 ft square 2 ft deep.
		Mark said post on N. side
		"Dakota" on South "Nebraska"
		on East 124th Mile and 43°
		Parallel and on the West "1874"
		Deposit charred block on
		N. side of post and raise
		a conical mound of earth
		6 ft square and 3 ft high
		from pits opposite E. and W. of
		post, each pit being 3 ft square
		and 18 in deep to perpetuate
		the terminus of the 124th Mile
		Surface Sand-hills
		Soil 3d rate
		Barometric Altitude 3450 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			West on 125th Mile
			Magnetic Variation 14° 34' E
	50	00	Enter Bottom N. 11th & S.E.
	80	00	Offset for convergence 1 ch 38 1/10 lks
			N. to true line, where I set
			a Cottonwood post 7 ft long
			6 in dia. 2 feet deep.
			Mark said post on N.
			"Dakota" on South "Nebraska"
			on East 125th Mile and 43°
			Parallel, on the West "1874."
			Deposit charred block
			on N. side of post. raise
			a conical mound of earth
			6 ft in dia. 3 ft high from
			pits 3 ft square, 18 in deep
			to perpetuate the Terminus
			of the 125th Mile —
			Surface Sand-hills rolling, level Bottom
			Soil " " 3rd rate " 2nd rate
			Barometric Altitude 3475. ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			West on 126th Mile
			Magnetic Variation 14° 34' E
	4	00	Leave Bottom S.E. & N.W.
	80	00	Offset for convergence 1 ch 83 2/5 lks
			N. to true line, where I set a
			Cottonwood 7 ft long, 6 in square
			2 ft deep.
			Mark said post on the
			North "Dakota" on the South
			"Nebraska" on the East 126th
			Mile and 43° Parallel and on the
			West "1874"
			Deposit charred block on the
			North side of post. and
			raise a conical mound of
			earth 6 ft in dia. 3 ft high
			from pits on line E. & W. of
			post. each pit being 3 ft square
			and 18 in. deep; to perpetuate
			the terminus of the 126th Mile
			Surface Sand-hills
			Soil 3rd rate
			Barometric Altitude 3575 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 127th Mile
		Magnetic Variation 14° 34' E
34	00	Enter Bottom S.W. and N.E.
53	00	Leave Bottom S.E. and N.W.
80	00	Offset for convergency 2 ch. 10 3/5 lks. N. to true line where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep. Mark said post on North "Dakota" on South "Nebraska" on East 127th Mile and 43° Parallel and on the West "1874". Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia 3 ft high, from pits on line E. and W. of post - each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 127th Mile. Surface Sand hills - Soil rotten. Barometric Altitude 3580 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 128th Mile
		Magnetic Variation 14° 35' E
80	00	Offset for convergency 2 ch. 39 3/5 lks. N. to true line where I set a Cottonwood post 7 ft long, 6 in square and 3 ft high. 2 ft deep. Mark said post on N. "Dakota" on S. Nebraska on E. "128th Mile" and 43° Parallel and on the West 1874. Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 128th Mile. Surface Sand hills - Soil 3rd rate. Barometric Altitude 3600 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 129th Mile
		Magnetic Variation 14° 36' E
80	00	Offset for convergency 2 ch. and 76½ lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep.
		Mark said post on South "Dakota" on South "Nebraska" on East 129th Mile and 43° Parallel" and on the West "1874"
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high. From pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 129th Mile
		Surface Sand-hills.
		Soil 3d rate. Ground covered with Spanish Leaf Weed
		Barometric Altitude 3590 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 130th Mile
		Magnetic Variation 14° 36
80	00	Offset for convergency 3 ch. 3 ⅕ lks. N. to true line, where I set a Cottonwood post 7 ft long & 6 in square 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 130th Mile and 43° Parallel and on the West "1874"
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 130th Mile.
		Surface Sand-hills
		Soil 3d rate
		Barometric Altitude 3625 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 131st Mile
		Magnetic Variation 14° 36' E
80	00	Offset for convergency 8 ch. 37 4/5 lks. N. to true line where I set a Cottonwood post 7 ft long and 6 in square 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 131st Mile and 43° Parallel and on the West "1874".
		Deposit chaned block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 131st Mile. Surface Sand hills Soil 3rd rate. Barometric Al. 3660 ft
		Sept. 14th 1874

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 132d Mile
		Magnetic Variation 14° 36' E
80	00	Offset for convergency 3 ch. 74 2/5 lks. N. to true line, where I set a Cottonwood post. 7 ft long and 6 in square. 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 132d Mile and 43° Parallel and on the West "1874"
		Deposit chaned block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 132d Mile.
		Surface Sand hills
		Soil 3rd rate
		Barometric Altitude 3840 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 133d Mile
		Magnetic Variation 14°36' E
80	00	Offset for convergency 4 ch. 12 7/10 lk. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square, 2 feet deep.
		Mark said post on N. side "Dakota" on South "Nebraska" on East 133d Mile and 43d Parallel and on West "1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 133d Mile.
		Surface Sand hills. Soil Barren.
		Barometric Altitude 3820 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 134th Mile
		Magnetic Variation 14°36' E
80	00	Offset for convergency 4 ch. 5 3/10 lk. N. to true line where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 134th Mile and 43d Parallel" and on West "1874"
		Deposit charred block on N. side of post and raise a conical mound of earth 6 in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 134th Mile.
		Surface Sand hills. Soil Barren.
		Barometric Altitude 3840 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 135th Mile
		Magnetic Variation 14° 35' E
30	00	Leave Sand-hills and enter
		Buffalo Bottom S.E. and N.W.
71	50	Enter Ravine S.E. and N.W.
72	00	Creek flows N. water in holes
80	00	Offset for convenience 4 chains
		9 1/10 Ch. N. to true line, where
		I set a Cottonwood post 7 ft
		long and 6 in square - 2 ft deep
		Mark said post on
		N. "Dakota" on South "Nebraska"
		on East 135th Mile and 43°
		Parallel and on West "1874."
		Deposit chained block
		on N. side of post, and raise
		a conical mound of earth 6 ft
		in dia. 3 ft high from pits on
		line E. and W. of post, each pit
		being 3 ft square and 18 in deep
		to perpetuate the terminus of 135th Mile from which
		A Hackberry 18 in dia bears S 50° E 175 lks distant
		A Hackberry 12 " " " S 80° E 230 " "
		Scattering timber. "Buffalo grove"
		Barometric Altitude 3820 ft
		Surface rolling & broken - soil 2d rate

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 136th Mile
		Magnetic Variation 14° 36' E
2	00	Leave Ravine S.E. and N.W.
80	00	Offset for convenience 5 ch.
		9 1/10 Ch. N. to true line, where
		I set a Cottonwood post 7
		feet long, 6 in square, 2 ft
		deep.
		Mark said post on North
		"Dakota" on South "Nebraska"
		on East 136th Mile and 43° Parallel
		and on the West "1874."
		Deposit chained block on
		N. side of post, and raise a
		conical mound of earth 6 ft
		in dia. 3 ft high from pits
		on line, E. and W. of post,
		each pit being 3 ft square
		and 18 in deep to perpetuate
		the terminus of the 136th Mile
		Surface rolling
		Soil Sandy - 3d rate
		Barometric Altitude 3885 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 137th Mile
		Magnetic Variation 14° 35' E
25	50	Wagon road S.W. and N.E.
40	00	Enter Buffalo Bottom S.E. and N.W.
80	00	Offset for convenency 5 ch. 85 lks
		N. to true line. where I set
		a Cottonwood post 7 ft long
		6 in square, 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 137th Mile and 43°
		Parallel and on the West
		"1874".
		Deposit charred block
		on N. side of post. and raise
		a conical mound of earth 6 ft
		in dia. 3 ft high. from pits
		on line E. and W. of post. each
		pit being 3 ft square and 18
		in. deep; to perpetuate the
		terminus of the 137th Mile.
		Surface {Bottom level / Bal. sand-hills} Soil {Bottom 2 in. black / Sand-hills 3 in.}
		Barometric Altitude 3925 ft -
		Buffalo grass

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 138th Mile
		Magnetic Variation 14° 35' E
51	00	Dry bed of creek, N.W. course
80	00	Offset for convergency 6 ch.
		32 7/10 lk. N. to true line where
		I set a Cottonwood post 7 ft
		long 6 in square, 2 ft deep.
		Mark said post on the
		North "Dakota" on the South
		"Nebraska" on the East 138th
		Mile and 43° Parallel." and on
		the West "1874".
		Deposit charred block
		on N. side of post. and raise
		a conical mound of earth
		6 ft in dia. 3 ft high. from
		pits on line E. and W. of post.
		each pit being 3 ft square and
		18 in deep; to perpetuate the
		terminus of the 138th Mile.
		Surface level Bottom
		Soil light sand and clay
		Barometric Altitude 3840 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 139th mile.
		Magnetic Variation 13° 35' E
5	40	Ravine 3 ch. wide N.W. descend.
36	60	Ravine 4 ch. wide N.W. descent
63	00	Ravine 2 ch. wide N.W. descent
72	00	Dry bed of Creek 20 lk. wide
		M.E.
80	00	Offset for convergency 6 ch. 82 and 3/10 lk. N. to true line where I set a Cottonwood post 7 ft long 6 in square 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on E. 139th Mile and 43° Parallel" and on West "1874". Deposit chained block on N. side of post. raise conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. & W. of post. each pit being 3 ft square, 18 in deep; to perpetuate the terminus of the 139th mile.
		Surface broken. Soil 3d rate
		Barometric Altitude 3840 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 140th mile
		Magnetic Variation 13° 36' E
49	00	Ravine 5 ch. wide descends N.
80	00	Offset for convergency 7 ch. 33 4/5 lk. N. to true line. where I set a Cottonwood post 7 ft long 6 in square - 2 ft deep. Mark said post on North "Dakota" on South "Nebraska" on East 140th Mile and 43° Parallel and on the West 1874. Deposit chained block on N. side of post. and raise a conical mound of earth 6 in dia. 3 ft high from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep to perpetuate the terminus of the 140th mile -
		Surface rolling. Soil 2d rate -
		Barometric Altitude 3875 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 141st Mile
		Magnetic Variation 14° 36' E
21	50	Range for Drain descends N.W.
80	00	Offset for convergency 7 ch. 87 1/10 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 141st Mile and 43° Parallel on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of 141st Mile — Sugar Loaf Peak 75 ft high - N 45° E 400 lks. distant
		Surface rolling. Soil 2nd rate
		Barometric Altitude 3850 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 142d Mile
		Magnetic Variation 14° 36' E
68	00	Dry bed of North Creek (timbered) N.W.
80	00	Offset for convergency 8 ch. 42 2/5 lks. N. to true line, forward set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the West 142d Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post and raise a conical mound of earth 6 in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep to perpetuate the terminus of 142d mile.
		Surface rolling. Soil 2nd rate
		Barometric Altitude 3820 ft Sept. 15th

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 143d Mile.
		Magnetic Variation 14° 35' E
52	00	Drain descends N. W.
80	00	Offset for convergency 8 chain 99 2/5 lks. N. to true line. where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep.
		I mark said post on N. "Dakota" on South "Nebraska" on East 143d Mile and 43 Parallel and on the West "1874".
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia 3 ft high. from pits on line E and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 143d Mile.
		Surface rolling
		Soil 2d rate
		Barometric Altitude 3850 ft
		Next Morning " 3825 "

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 144th Mile
		Magnetic Variation 14° 40' E.
51	00	Drain descends N. W.
80	00	Offset for convergency 9 ch. 58 2/5 lks. N. to true line. where I set a Cottonwood post 7 ft long. 6 in dia and 2 ft deep.
		I mark said post on North "Dakota" on South "Nebraska" on East 144th Mile and 43d Parallel and on the West "1874".
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E and W. of post. each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 144th Mile.
		Surface level bottom. Buffalo grass
		Soil 2d rate.
		Barometric Altitude 3875 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 145th Mile
		Magnetic Variation 14° 33' E.
16	00	Drain descends N.W.
74	00	Bottom of Ravine, 5 ch. wide N.W.
80	00	Offset for convergency 10 ch. 19 3/10 lk.
		N. to true line, for the I set a Cottonwood post 7 ft long, 6 in square - 2 feet deep,
		Mark said post on South "Dakota" on South "Nebraska" on East 145th Mile and 43° Parallel and on the West "1874".
		Deposit chaned block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 145th Mile.
		Surface gently rolling
		Soil 2d rate
		Barometric Altitude 3840 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 146th Mile
		Magnetic Variation 14° 38' E
75	00	Enter gently rolling bottom covered with Buffalo grass N. & S.
80	00	Offset for convergency 10 ch. 82 lk. N. to true line. for the I set a Cottonwood post 7 ft long and 6 in square 2 ft deep.
		Mark said post on the North "Dakota" on South "Nebraska" on East 146th Mile and 43° Parallel and on West "1874".
		Deposit chaned block on N. side of post and raise a conical mound of earth - 3 ft high - 6 ft in dia - from pits on line E. & W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 146th Mile
Note —		Bluffs to South cease trap. A Conical Pile bears S. 32 W.
		Surface gently rolling
		Soil - 2d rate — Barometric Al. 3720 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 147th Mile
		Magnetic Variation 14° 38' E
56	00	Wagon-road N.E. & S.W.
80	00	Offset for contingency 11 ch. 46 3/5 lks. W. to true line. Where I set a Cottonwood post 7 ft long & 6 in square. 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 147th Mile and 43° Parallel" and on West "1874". Deposit chaned block on N. of post, and raise a conical mound of earth 6 ft in dia 3 ft high; from pits on line E. & W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the Terminus of the 147th Mile.
		Surface gently rolling.
		Soil 2nd rate.
		Barometric Altitude 3750 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 148th Mile
		Magnetic Variation 14° 40' E
80	00	Offset for contingency 12 ch. 13 lks. N to true line, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep. Mark said post on N. "Dakota", on South "Nebraska" on East 148th Mile and 43° Parallel, and on West "1874". Deposit chaned block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E and W of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of 148th Mile.
		Surface rolling
		Soil 3rd rate
		Barometric Altitude 3750 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 149th mile
		Magnetic Variation 14° 44' E
3	00	Enter Bottom and timber N.W. and S.E.
3	60	White Clay Creek 20 lks wide N.W.
28	40	White Clay Creek 20 lks. wide S.W.
42	80	White Clay Creek 20 lks. wide N.W.
45	50	Leave Bottom and timber N. and S.
80	00	Offset for convergency 12 ch. 81 3/10 lks. N. to true line and set Cottonwood post 7 ft long 6 in square and 2 ft deep

Mark said post on North "Dakota" on South Nebraska on East 149th mile and 43° Parallel and on West "1874."

Deposit chained block and raise conical mound of earth 6 ft in dia. 3 ft high; from pits on line. E. and W. of post. each pit being 3 ft square and 18 in deep: to perpetuate the terminus of 149th mile

Surface gently rolling. Soil clay 2nd rate

Timber Cottonwood & Hackberry — Buffalo grass

Barometric Altitude — 3725 ft —

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 150th mile
		Magnetic Variation 14° 45' E
15	20	Wagon road N.E. and S.W.
34	00	Drain descends S.W.
80	00	Offset for convergency 13 ch. 51 1/2 lks N. to true line where I set a Cottonwood post 7 ft long 6 in square. 2 ft deep

Mark said post on N. "Dakota" on S. Nebraska on East 150th mile and 43° Parallel and on the West "1874"

Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep: to perpetuate the terminus of 150th mile.

Surface gently rolling. Soil 2nd rate good clay

Buffalo grass { Bar. Alt. 3825 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 151st Mile
		Magnetic Variation 14° 45' E
58	00	Ravine 6 ch. wide S. W.
80	00	Offset for convergency 14 ch. 23 3/5 lk. N. to true line, where I set a cottonwood post 7 ft long 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 151st Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 151st Mile. Surface gently rolling Soil good, Clay & Buffalo grass
		Barometric Altitude 3980 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 152d Mile
		Magnetic Variation 14° 46' E
80	00	Offset for convergency 14 ch. 99 7 3/5 lk. N. to true line, where I set a cottonwood post 7 ft long 6 in square and 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 152d Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 152d Mile. Buffalo grass Surface gently rolling Soil clay 2nd rate good
		Barometric Altitude 4025 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 153d Mile
		Magnetic Variation ——
		Note - The North end of Magnetic Needle points South and falls to bottom of box.
29	50	Ravine 6 ch. wide descends West - skirted by timber.
80	00	Offset for convergency 15 ch. 73 2/5 lk. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 153d Mile + 43 Parallel and on the West "1874."

Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high, ~~from~~ pits on line E & W. of post. each pit being 3 ft square & 18 in deep, to perpetuate the terminus of 153d mile. Surface gently rolling. Soil clay 2d Prairie - Buffalo grass. Barometric Altitude 4040 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 154th Mile
		Magnetic Variation 14° 50' E
80	00	Offset for convergency 16 ch. 51 1/10 lk. N. to true line, and set a Cottonwood post 7 ft long, 6 in square, 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 154th Mile and 43d Parallel" and on the West "1874."

Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 154th Mile. Surface gently rolling. Soil clay. 2d Prairie - Buffalo grass. Barometric Altitude 4000 ft.

September 16th 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 155 Mile
		Magnetic Variation 14° 48' E
45	10	Ravine descends S. W.
80	00	Offset for convergency 17 ch.
		80 3/5 lks. N. to true line
		when I set a Cottonwood
		post. 7 ft long, 6 in square
		and 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 155th Mile and 43°
		Parallel and on West 1874.
		Deposit chaned block
		on N. of post. and raise
		a conical mound of earth-
		6 ft in dia - 3 ft high. from
		pits on line E. & W. of
		post. each pit being 3 ft
		square and 18 in deep; to
		perpetuate the terminus of
		155th mile.
		Surface gently rolling. Soil clay, good 2d rate
		Barometric Altitude 3850 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 156th Mile
		Magnetic Variation 14° 53' E
	50	Ravine descends N. W.
3	00	Ravine descends S. W.
6	00	Ravine descends South-
34	00	Ravine descends S. E.
80	00	Offset for convergency 18 ch.
		1 lk. N. to true line when
		I set a Cottonwood post 7 ft
		long & 6 in square, 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 156th Mile and 43°
		Parallel and on West 1874.
		Deposit chaned block on
		N. side of post. and raise
		a conical mound of earth-
		6 ft in dia. 3 ft high from
		pits on line E. & W. of
		post. each pit being 3 ft square
		and 18 in deep; to perpetuate the
		terminus of the 156th Mile. Surface broken
		clay banks. Soil 3d rate. Bar. Alt. 3875 ft
		Buffalo grass { last morning " " 3750 "

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 157th Mile —
		Magnetic Variation 14° 55' East
50	00	Ravine 2 ch. wide S. W. descend
74	00	Ravine descends S. W.
80	00	Offset for convergency 18 ch. 95 2/5 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on the North "Dakota" on South "Nebraska" on East 157th Mile and 43° Parallel and on West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft square from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 157th Mile
		Surface broken by clay banks — Soil clay — 3½ rate — Buffalo grass — Barometric Altitude 3690 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 158th Mile
		Magnetic Variation 14° 55' E.
11	00	Drain descends South
26	00	Ravine descends S. E.
77	00	Dry bed of creek. S. W.
80	00	Offset for convergency 19 ch. 80 1/2 lks. N. to true line where I set a Cottonwood post 7 ft long 6 in square. 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 158th Mile and 43° Parallel and on the West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 158th Mile
		Surface broken clay banks. Soil clay Barometric Altitude 3560 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 159th Mile
		Magnetic Variation 14° 55' E
5	00	Range, 3 ch. wide descends S.W.
58	00	Dry bed of creek (timbered) S.W.
80	00	Flowing S.E.
80	00	Offset for convergency 20 ch.
		67 3/5 lks. N. to true line
		where I set a Cottonwood post
		7 ft long, 6 in square, 2 ft
		deep.
		Mark said post on North-
		"Dakota", on South-Nebraska
		on East 159th Mile and 43°
		Parallel on West "1874"
		Deposit charred block on N.
		side of post, and raise mound
		(conical) of earth 6 ft in dia 3 ft
		square - 2 ft deep, from pits on
		line E. & W. of post, each
		pit being 3 ft square and 18 in deep
		to perpetuate the terminus of 159th Mile
		Surface broken by clay bank. Soil 3rd rate
		Barometric Altitude 3545 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 160th Mile
		Magnetic Variation 14° 55' E
78	00	Dry bed of creek, course N.W.
		scattering timber on banks.
80	00	Offset for convergency 21 ch.
		56 1/2 lks. N. to true line
		where I set a Cottonwood post
		7 ft long, 6 in square, 2 ft deep
		Mark said post on North-
		"Dakota", on South Nebraska
		on East "160th Mile" and 43°
		Parallel" and on West "1874."
		Deposit charred block
		on N. side of post, and raise
		a conical mound of earth - 6 ft
		in dia 3 ft high, from
		pits on line E. & W. of post
		each pit being 3 ft square
		and 18 in deep, to perpetuate
		the terminus of the 160th Mile
		from which
		An Elm 12 in dia bears N 10° E 40 lks. dist.
		Surface broken. Clay bank. Soil 3rd rate
		Barometric Altitude 3450 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 161st Mile
		Magnetic Variation 14° 35' E
31	00	Enter Ravine descends N.W.
50	00	Enter Ravine descends N.E.
80	00	Offset for convergency 22 ch.
		47 3/10 ch. W. to true line, where
		I set a cottonwood post 7 ft
		long, 6 in square & 2 ft deep
		Mark said post on
		N. "Dakota" on South-
		"Nebraska" on East 161st
		Mile and 43° Parallel and
		on the West "1874."
		Deposit charred block
		on N. side of post, and raise
		a conical mound of earth-
		3 ft high, 6 in dia. from
		pits on line E. and W. of post
		each pit being 3 ft square and
		18 in deep; & to perpetuate the
		terminus of the 161st Mile.
		Surface broken clay bank. Soil 3rd rate
		Barometric Altitude 3620 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 162d Mile
		Magnetic Variation 14° 56' E
42	00	Enter Ravine 4 ch. wide N.W.
60	00	Enter Bottom bears N.E. and S.W.
80	00	Offset for convergency 3 ch 40
		lks. N.W. to true line, where I set
		Cottonwood post 7 ft long, 6 in
		square 2 ft deep.
		Mark said post on N.
		"Dakota" on South-Nebraska
		on East 162d Mile and 43°
		Parallel and on West "1874."
		Deposit charred block on
		N. side of post, and raise a
		conical mound of earth 3 ft
		square, and 18 in deep, from
		pits on line E. and W. of post, each
		pit being 3 ft square, 18 in deep
		to perpetuate the terminus
		of the 162d Mile.
		Surface broken
		Soil 3rd rate Bar. Al. 3590 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 163d mile.
		Magnetic Variation 14° 58' East
6	00	Indian Camp - Spotted Tail's Sioux
12	00	Enter Timber S.W. and N.E.
25	00	White Earth-Creek 40 lks. wide North-
25	50	Leave timber and bottom N.E. and S.W.
80	00	Offset for convergency 24 chs. 34½ lks. N. to the Pine, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 163d mile and 43d Parallel, and on West "1874". Deposit charred block on N. side of post, raise conical mound of earth 6 ft in dia 3 ft square from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpet-uate the terminus of the 163d mile.

Surface rolling. Soil 3d rate
Barometric Altitude 3225 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 164th mile
		Magnetic Variation 14° 58' E
36	00	Wagon road S.W. and N.E.
54	00	Ravine 3 chs. wide S.W. and N.E.
80	00	Offset for convergency 25 chs. 30 9/10 lks. N. to the pine, where I set a Cottonwood post 7 ft long, 6 in square and 2 ft deep. Mark said post on N. on N. "Dakota" on South "Nebraska" on East 164th mile and 43d Parallel" and on West "1874". Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 164th mile.

Surface hilly and broken. Soil 3d rate
Vegetation light. Bar. Al. 3840 ft
September 17th 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 165th Mile
		Magnetic Variation 14° 58' E.
30	20	Drain descends S.E.
80	00	Offset for convergency 26 ch. 29½ lks. N. to true line, where I set a cottonwood post 7 ft long, 3 ft square - 2 ft deep.
		Mark said post on North-"Dakota" on South-"Nebraska" on East 165th Mile and 43d Parallel and on the West 1874.
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits, on line E. & W. of post each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 165th Mile -
		Surface rolling. Soil 3d rate
		Barometric Altitude 3390 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 166th Mile
		Magnetic Variation 15° E.
29	00	Drain descends S.E.
80	00	Offset for convergency 27 ch. 29 lks. N. to true line, where I set a cottonwood post 7 ft long, 6 in square, 2 ft deep.
		Mark said post on North-"Dakota" on South-"Nebraska" on East 166th Mile - and 43d Parallel and on the West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia, 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 166th Mile -
		Surface rolling, Soil 3d rate
		Vegetation light. Bar. Al. 3275 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 167th Mile
		Magnetic Variation 15° 2' E
12	20	Dry bed of Creek. 30 lk. wide S.E.
32	00	Wagon road S.E. & N.W.
50	00	Drain S.E. descent
80	00	Offset for convenience 28 ch. 3 1/5 lk. N. to life tree, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.

Mark said post on N. Dakota" on South "Nebraska" on East "167th Mile" and 43° Parallel" and on the West "1874"

Deposit charred block on N. side of post, and raise a conical mound of earth 6 ~~ft~~ in dia. 3 ft high from pits on line. each pit being 3 ft square and 18 in deep to perpetuate the terminus of 167th Mile. Surface rolling Soil 2d to 3d rate. Buffalo grass Barometric Altitude 3325 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 168th Mile
		Magnetic Variation 15° 5' E.
1	10	Dry bed of Creek course S.E.
80	00	Offset for convenience 29 ch. 3 1/5 lk. N. to life tree, where I set a Cottonwood post 7 ft long, 6 in square, 2 ft deep.

Mark said post on N. Dakota" on South "Nebraska" on East "168th Mile" and 43° Parallel" and on West "1874"

Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line S. and N. of post, each pit being 3 ft square and 18 in deep to perpetuate the terminus of 168th Mile. — Buffalo grass — Surface rolling, Soil varies 2d to 3d rate Barometric Altitude 3250 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 169th mile
		Magnetic Variation 15° 8' E
3	00	Drain descends S.E.
50	80	Drain descends S.E.
74	00	Drain descends N.E.
80	00	Offset for convergency 30 ch. 4 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep. Mark said post on North "Dakota" on South "Nebraska" on East 169th Mile and 43° Parallel and on West "1874." Deposit charred block on N. side of post. raise conical mound of earth 6 ft in dia 3 ft high from pits on line. E and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 169th mile: Surface rolling soil 2d to 3d rate. Buffalo grass. Barometric Altitude 3275 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 170th mile
		Magnetic Variation 15° 10' E.
12	50	Drain descends S.E.
20	60	Drain descends East
25	00	Drain descends S.E.
		At the end of this mile I conclude to establish my 3d Astronomical point. & Therefore at
80	00	Offset for convergency 31 ch. 4 8/10 lks South to true line at this point I set up my Astronomical Transit & and find that I am 2 chains and 18 lks. South of the 43° Parallel, or that my instrument stands in Latitude 42° 59' 58.78"

Note – For Astronomical Observations and deductions see page 289

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	
			Therefore I measure and transfer my line 2 chains and 18 links N. to new tangent on the exact profile for the 43 Parallel where I set a Cottonwood post 7 ft long and 6 in square 2 ft deep.
			Mark said post on the North "Dakota" on the South "Nebraska" on the East 170th mile and 43° Parallel and on the West "1874".
			Deposit chained block on the South side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E & W. to post. each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 170th mile. Surface gently rolling soil clay - 13° rate

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

	Chains	Links	
			Barometric Altitude 3375 ft.
			Note { My Variation and topography as reported above and that of the line corrected back 10 miles.
			At the point where my instrument stood while I making the Astronomical observations for Latitude, I erect a Stone shaft. 6 ft long and 12 in square, marked Latitude 42° 59' 58.76" on the South and on West "1874".
			Plant said shaft 2 ft in the ground and around it raise a conical mound of earth 7 ft in dia 3 feet high to perpetuate my "3rd Astronomical Station"
			Sept. 18th 1874
			From right angle to true Meridian I continue my line —

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 171st Mile
		Magnetic Variation 15° 10' E
4	10	Drain descends N. E.
80	00	Offset for convergency, 93 lks South to true line. Forhere I set a Cottonwood post, 7 ft long and 6 in square. 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 171st and 43° Parallel and on West "1874."
		Deposit chaned block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high. From pits on line, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 171st Mile
		Surface rolling. Soil 2d to 3d rate Buffalo grass. Barometric Altitude 3345 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 172d Mile
		Magnetic Variation 15° 11' E
15	60	Drain descends S. W.
31	10	Drain descends S. E.
64	00	Drain descends S. W.
77	70	Drain descends S. E.
80	00	Offset for convergency 3 7/10 lks. South to true line. where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the South "Dakota" on the South "Nebraska" on the East 172d Mile and 43° Parallel and on the West "1874".
		Deposit chaned block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. From pits on line. E and W of post each pit being 3 ft square, 18 in deep; to perpetuate the terminus of 172d Mile
		Surface rolling. Soil 2d to 3d rate Buffalo grass. Barometric Al. 3375 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 173d Mile
		Magnetic Variation 15° 12' E
28	50	Dry bed of Creek S.E. course
55	00	Drain descends S.E.
80	00	Offset for convergency 8 2/5 lks N. to true line. Set a Cottonwood post 7 ft long 6 in square and 2 ft deep. Mark said post on North "Dakota" on South "Nebraska" on East 173d Mile and 43d Parallel and on West "1874". Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. & W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 173d Mile
		Surface rolling. Soil 2d & 3d rate
		Buffalo grass. Barometric Al. 3390 ft.

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 174th Mile
		Magnetic Variation 15° 13' E
55	00	Drain descends N.W.
80	00	Offset for convergency 14 9/10 lks N. to true line, & there set a Cottonwood post 7 ft long 6 in square and 2 ft deep. Mark said post on N. Dakota on South Nebraska on East 174th Mile and 43d Parallel and on West "1874". Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. & W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 174th Mile.
		Surface rolling. Soil 2d & 3d rate
		Buffalo grass.
		Barometric Altitude 3350 feet

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 175th Mile
		Magnetic Variation 15° 18' E
23	50	Drain descends S.E.
80	00	Offset for convenency 23 2/5 lks N to true line, South 2 set a Cottonwood post 6 in sq'rare 7 ft long, 2 ft deep
		Mark said post on North "Dakota" on South "Nebraska" on East 175th Mile and 43° Parallel and on West "1874".
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft sq'rare and 18 in deep; to perpetuate the terminus of 175th Mile
		Surface rolling. Soil 2 & 3. rate
		Buffalo grass
		Barometric Altitude 3375 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 176th Mile
		Magnetic Variation 15° 14' E.
10	20	Drain descends N.E.
80	00	Offset for convenency 33 3/5 lks, N to true line, South 2 set a Cottonwood post 7 ft long, 6 in sq'rare and 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 176th Mile and 43° Parallel and on the West "1874."
		Deposit chained block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post each pit being 3 ft sq'rare and 18 ft deep; to perpetuate the terminus of the 176th mile
		Surface rolling. Soil clay 2 & 3 rate
		Barometric Altitude 3500 ft
		Buffalo grass.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on the 177th mile
		Magnetic Variation 15° 15' E
20	10	Drain descends N E
80	00	Offset for convergency 45 4/5 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep
		Mark said post on North Dakota on South Nebraska on East 177th mile and 48' Parallel and on West 1874".
		Deposit charred block on N. side of post, and raise a conical mound of earth 3 ft high and 6 in dia. from pits on line E and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 177th mile — Surface rolling. Buffalo grass Soil clay 2d & 3d rate.
		Barometric Altitude 3575 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 178th mile
		Magnetic Variation 15° 16' E
40	00	Drain descends S. E
80	00	Offset for convergency 59 9/10 lks N. to true line where I set a Cottonwood post 7 ft long 6 in square and 2 ft deep.
		Mark said post on the North Dakota on the South Nebraska on the East 178th mile and 43' Parallel and on the West 1874"
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia, 3 ft high, from pits on line E and W of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 178th mile. Surface rolling Soil clay 3d rate. Buffalo grass
		Barometric Altitude 3640 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 179th Mile
		Magnetic Variation 15° 17' E
41	00	Drain descends S.W.
49	00	Drain descends S.E.
80	00	Offset for convergency 75 4/5 lks. N. to true line, probably set a Cottonwood post 7 ft long and 6 in square - 2 ft deep
		Mark said post on North "Dakota" on South "Nebraska" on East 179th Mile and 43° Parallel and on West "1874".
		Deposit charred block on N. side of post. and raise conical mound of earth 6 in dia. 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 179th mile.
		Surface rolling. Soil clay 2 to 3 ft
		Barometric Altitude 3571/5 feet

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 180th Mile
		Magnetic Variation 15° 18' E
21	20	Drain descends S.E.
80	00	Offset for convergency 93 3/5 lks. N. to true line, where I set Cottonwood post 7 ft long and 6 in square. 2 ft deep
		Mark said post on North "Dakota" on South "Nebraska" on East 180th Mile and 43° Parallel and on West "1874".
		Deposit charred block on N. side of post. and raise conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 180th mile. (Buffalo grass)
		Surface rolling. Soil clay 2 to 3 ft
		Barometric Altitude 3650 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 181st Mile
		Magnetic Variation 15° 19' E
40	00	Drain descends S.E.
76	00	Drain descends N.E.
80	00	Offset for contingency 1 chain 13.5 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep. Mark said post on North "Dakota" on South "Nebraska" on East 181st Mile and 43° Parallel and on West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square, 18 in deep, to perpetuate the terminus of 181st Mile.
		High Butte bears S. 15° E. dist. 450 ft. high
		Barometric Altitude 3900 ft
		Surface rolling.
		Soil clay 3d rate.
		Buffalo grass.
		Barometric Al. 3680 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 182d Mile
		Magnetic Variation 15° 20' E
80	00	Offset for contingency 1 ch. 34 7/10 lks N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 182d Mile and 43° Parallel" and on West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 3 ft high, 6 ft in dia. from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of 182d Mile.
		Surface rolling
		Soil 3d rate. Some 2d rate
		Buffalo grass.
		Barometric Altitude 3820 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 183d Mile
		Magnetic Variation 15° 21' E.
80	00	Offset for convergency 1 chain 58 10 lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square. 2 ft deep.
		I mark said post on N. "Dakota" on South "Nebraska" on East "183d Mile" and 43° Parallel" and on the West "1874".
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 in dia. 3 ft high. from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 183d Mile.
		Surface rolling. Soil clay 3rd rate Buffalo grass. Bar. Alt. 3825 feet

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 184th Mile
		Magnetic Variation 15° 22' E.
76	00	Ravine descends N. W.
80	00	Offset for convergency 1 chain 83 2/3 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep.
		I mark said post on N. "Dakota" on South "Nebraska" on East "184th Mile" and 43° Parallel" and on the West "1874".
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post - each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 184th Mile.
		Surface rolling. Soil 2nd to 3rd rate Barometric Altitude 3800 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 185th Mile
		Magnetic Variation 15° 23' E
80	00	Offset for convergency 2 chains S. 10 3/5 lks. of N. of line line, where I set a Cedar post 7 ft long, 6 in square 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 185th Mile and 43° Parallel and on the West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line, E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 185th Mile. {Buffalo Grass
		Surface rolling. Soil clay, 2 ft.
		Barometric Altitude 3840 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 186th Mile
		Magnetic Variation 15° 24' E
8	40	Drain descends N.W.
80	00	Offset for convergency 2 ch. 3 19 3/5 ch. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on the North "Dakota" on the South "Nebraska" on the East 186th Mile and 43° Parallel and in West "1874."
		Deposit charred block on N. side of post, and raise a conical mound of earth 3 ft high, 6 in dia from pits on line E. and W. of post, each pit being 3 ft square & 18 in deep; to perpetuate the terminus of 186th Mile.
		Surface rolling. Soil clay, 2 ft.
		Barometric Altitude 3820 ft {Buffalo grass

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 187th Mile
		Magnetic Variation 15° 25' E
31	40	Creek - water in holes - N.E.
80	00	Offset for convergency 2 ch. 70 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 187th Mile and 43° Parallel and on the West "1874". Deposit chained block on N. side of post and raise a conical mound of earth - 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square, 18 in deep; to perpetuate the terminus of 187th Mile. Surface rolling Soil clay - 2nd rate { Buffalo grass. Barometric Altitude 3816 ft -

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 188th Mile
		Magnetic Variation 15° 26' E.
6	00	Dry bed of Creek course N.E.
80	00	Offset for convergency 3 ch. 8 1/5 lks. N. to true line, where I set a Cottonwood post. 7 ft long 6 in square, 2 ft deep. Mark said post on N. "Dakota" on South "Nebraska" on East 188th Mile and 43° Parallel" on West "1874". Deposit chained block on N. side of post and raise a conical mound of earth - 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 188th Mile. { Buffalo grass Surface rolling. Soil 2nd rate Barometric Altitude 3815 feet

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 189th mile —
		Magnetic Variation 15° 27' E
27	00	Creek N.E. — water in holes.
80	00	Offset for convergency 3 ch.
		37 4/5 lks. N. to bfe lifie where
		I set Cottonwood post 7 ft long
		6 in square, 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 189th mile and 43° Parallel
		on West "1874".
		Deposit chamed block
		on N. side of post. and raise
		a conical mound of earth —
		6 ft in dia. 3 ft high. from
		pits on line E. & W. of post
		each pit being 3 ft square
		and 18 in deep; to perpetuate
		the terminus of 189th mile
		Surface rolling. Soil 2" to 3" rate
		Barometric Altitude 3785 ft
		Next morning " 3700 ft
		P September 22, 1874

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 190th mile —
		Magnetic Variation 15° 28' E
78	00	Drain decunde N.W.
80	00	Offset for convergency 3 ch.
		74 2/5 lks. N. to bfe lifie, where
		I set a Cottonwood post 7 ft
		long and 6 in square - 2 ft deep.
		P Mark said post on N.
		"Dakota" on South "Nebraska"
		on East "190th mile and 43°
		Parallel." and on West "1874"
		Deposit chamed block
		on N. side of post. and raise
		a conical mound of earth —
		6 ft in dia. 3 ft high. from
		pits on line E. & W. of post
		each pit being 3 ft square and
		18 in deep; to perpetuate
		the terminus of 190th mile —
		Surface rolling } Buffalo
		Soil clay 3" rate } Grass —
		Barometric Altitude 3725 ft —

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 191st Mile -
		Magnetic Variation 15° 29' E
80	00	Offset for convergency 4 ch.
		12 7/10 lks. N. to true line
		where I set a Cottonwood
		post 7 ft long and 6 in square
		2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 191st Mile and 43°
		Parallel and on West "1874"
		Deposit a chained block 3 ft post & mound
		of earth - 6 ft in dia. 3 ft
		high. from pits, on line
		E. and W. of post, each pit
		being 3 ft square and
		18 in deep. to perpetuate
		the terminus of 191st Mile
		Surface rolling
		Soil clay - 3rd Prairie -
		Barometric Altitude 3770 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 192d Mile
		Magnetic Variation 15° 30' E
74	00	Ford in N.W. - water in holes -
80	00	Offset for convergency 4 ch. 53
		lks. N. to true line, & where I
		set a Cottonwood post 7 ft
		long and 6 in square - 2 ft deep.
		Mark said post on N.
		"Dakota" on South "Nebraska"
		on East 192d Mile, and 43°
		Parallel and on West "1874"
		Deposit chained block
		on N. side of post. and raise
		a conical mound of earth -
		6 ft in dia. 3 ft high, from
		pits on line E. and W. of post
		each pit being 3 ft square
		and 18 in deep, to perpetuate
		the terminus of 192d mile -
		Surface rolling
		Soil 2d and 3d Prairie -
		Barometric Altitude 3775 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 193d Mile
		Magnetic Variation 15° 31' E.
18	00	Cuck N.E. — water in holes —
80	00	Offset for convenience 4 ch.
		95 1/10 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		& Mark said post on N. side "Dakota" on South "Nebraska" on East 193d Mile and 43d Parallel and on West "1874".
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E. & W. of post, each pit being 3 ft square and 18 in Deep; to perpetuate the terminus of 193d Mile - Surface rolling Soil clay 2d to 3d rate.
		Barometric Altitude 3875 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 194th Mile
		Magnetic Variation 15° 82' E
25	00	Drain descends N.W.
80	00	Offset for convenience 5 ch.
		39 1/10 lks. N. to true line where I set a Cottonwood post 7 ft long, 6 in square 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 194th Mile and 43d Parallel" and on West "1874".
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. & W. of post each pit being 3 ft square and 18 in Deep; to perpetuate the terminus of 194th Mile. Surface rolling. Soil clay 2d & 3d rate.
		Barometric Altitude 3850 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 195th Mile
		Magnetic Variation 15° 33' E
14	50	Cut N.E., water in holes
80	00	Offset for convergency 5 ch. 85 lks. N. to true line where I set Cottonwood post 7 ft long, 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on S. "Nebraska" on East 195th Mile and 43° Parallel" and on West "1874"
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia, 3 ft square. Dig pits on line E. and W. of post, each pit being 3 ft square & 18 in deep, to perpetuate the terminus of 195th Mile. Surface rolling
		Soil clay 3rd rate
		Barometric Altitude 3828 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 196th Mile
		Magnetic Variation 15° 34' E
26	00	Offsain descends S. E. water in holes
80	00	Offset for convergency 6 ch. 82.7 lks. N. to true line. I found set a Cottonwood post, 7 ft long 6 in square - 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 196th Mile and 43° Parallel and on West "1874"
		Deposit charred block on N. side of post, and raise a conical mound of earth 6 ft in dia 3 ft high. Dig pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of the 196th Mile.
		Surface rolling. Soil clay 3rd rate
		Barometric Altitude 3990 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 197th Mile
		Magnetic Variation 15° 35' E
10	00	Drain descends S. E.
80	00	Offset for contingency 6 chains 85 3/50 lks. N. to true line where I set a Cottonwood post 7 ft long, 6 in dia. 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 197th Mile and 43° Parallel and on West "1874."
		Deposit charred block on North side of post and raise a conical mound of earth, 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 197th Mile. Surface rolling Soil, clay & rate Barometric Altitude 4000 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 198th Mile
		Magnetic Variation 15° 36' E
78	60	Drain descends N. W.
80	00	Offset for contingency 7 chains 33 7/7 lks. S. to true line where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 198th Mile and 43° Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 198th Mile.
		Surface rolling. Soil clay & gravel
		Barometric Altitude 3970 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 199th Mile
		Magnetic Variation 15° 37' E
46	00	Drain descends N.W.
77	00	Drain descends N.W.
80	00	Offset for convergency 7 ch. and 87 lks. N. to true line, where I set a Cottonwood post 7 ft high. 6 in square, 2 feet deep.
		I mark said post on N. "Dakota" on South "Nebraska" on East 199th Mile, and 43° Parallel and on West "1874."
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line 3 ft E and W of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 199th Mile.
		Surface rolling. Soil clay 3 Trees
		Barometric Altitude 3856 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 200th Mile -
		Magnetic Variation 15° 38' E
50	00	Dry bed of Creek, descends W.
80	00	Offset for convergency 8 ch. 42 2/5 lks. N. to true line, where I set a Cottonwood post 7 ft long. 6 in square. 2 ft deep.
		I Mark said post on N. "Dakota" on South "Nebraska" on East "200th Mile and 43° Parallel" and on the West "1874."
		Deposit charred block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line 3 ft E and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 200 Mile. Surface rolling. Soil clay & sand
		Barometric Altitude 3825 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 201st mile
		Magnetic Variation 15° 39' E
73	00	Drain descends N.W.
80	00	Offset for convergency 8 ch. 99 2/5 lks. N. to true line where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep
		Mark said post on N. "Dakota" on South "Nebraska" on East 201st mile and 43° Parallel and on West "1874".
		Deposit chased block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 201st mile
		Surface rolling, Soil clay 3rd rate
		Vegetation light
		Barometric Altitude 3880 ft

NORTH BOUNDARY OF NEBRASKA,

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 202d mile
		Magnetic Variation 15° 40' E
19	00	Drain descends South-
80	00	Offset for convergency 9 ch. 58 2/3 lks. N. to true line, where I set a Cottonwood post 7 ft long, and 6 in square, 2 ft deep
		Mark said post on N. "Dakota" on South "Nebraska" on East 202d mile and 43° Parallel, on West "1874".
		Deposit chased block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 202d mile.
		Surface rolling, Soil clay 3rd rate
		Vegetation light
		Barometric Altitude 3940 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 203d Mile
		Magnetic Variation 15° 41' E
80	00	Offset for convergency 10 ch. 19 3/10 lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square, and 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East "203d Mile and 43d Parallel" and on West "1874."
		Deposit charred block on North side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 203d Mile.
		Surface rolling. Soil 3d rate
		Vegetation light
		Barometric Altitude 3850 ft.
		Sept 23d 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 204th Mile
		Magnetic Variation 15° 42' E
80	00	Enter Bottom S.E. and N.W.
80	00	Offset for convergency 10 ch. and 82 lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square, 2 ft deep.
		Mark said post on N. Dakota on S. Nebraska on East 204th Mile and 43d Parallel and on West 1874"
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 204th Mile.
		Surface level. Soil clay 2d rate
		Barometric Altitude 3850 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 205th Mile
		Magnetic Variation 15° 43' East
17	00	Dry bed of Long Branch Creek 40 lks. wide North —
75	00	Hat Creek N.E. 50 lks. wide
76	00	Enter timber N.E. & S.W.
80	00	Offset for convergency 11 chains 46 6/10 lks. N. to true line, where I set a Cottonwood post 7 ft long, 6 in square - 2 ft deep.
		Mark said post on N. side of post, and raise a conical mound of earth 6 ft in dia 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 205th Mile — from which:
		A Cottonwood 14 in dia bears S 80 W 60 links
		A Cottonwood 16 in dia bears N 82 W 75 " "
		A Cottonwood 13 in dia bears N 45 E 50 " "
		A Cottonwood 11 in dia bears S 40 E 100 " "
		Surface level. Soil clay 2nd rate. Vegetation light Timber Cottonwood — Bar. Alt. 3750 ft
		September 23 1874

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 206th Mile
		Magnetic Variation 15° 44' E
28	00	Hat Creek flows S.E. timbered
40	00	Hat Creek flows N.E. timbered
42	00	Leave Bottom and timber N.E. & S.W.
80	00	Offset for convergency 12 ch. 13 lks. S. to true line, where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep.
		Mark said post on North "Dakota" on South "Nebraska" on East 206th Mile and 48° Parallel and on West 1874
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia, 3 ft high, from pits on line E. & W. of post, each pit being 3 ft square - 18 in deep; to perpetuate the terminus of 206th Mile - Surface level - Soil 2nd rate Vegetation light Bar. Alt. 3775 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 207th Mile
		Magnetic Variation 15° 45' E
80	00	Offset for convergency 12 ch. 81 3/10 lk. N. to true line and set a Cottonwood post 7 ft long and 6 in square, 2 ft deep. Mark said post on South "Dakota" on South Nebraska on East 207th Mile and 48° Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 207th Mile —
		Surface gently rolling
		Soil 2 to 3° rate.
		Barometric Altitude 3870 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 208th Mile
		Magnetic Variation 15° 46' E —
30	00	Drain descends S.W.
65	00	Drain descends S.E.
80	00	Offset for convergency 13 ch. 51 1/2 lks N. to true line - where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep. Mark said post on South "Dakota" on South "Nebraska" on East 208th Mile and 48° Parallel and on West "1874".
		Deposit charred block on N. side of post and raise a conical mound of earth 6 in dia. 3 ft high. from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 208th Mile -
		Surface gently rolling
		Soil 2° to 3° rate. Vegetation light
		Barometric Altitude 3860 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 209th Mile
		Magnetic Variation 15°4' E.
32	00	Drain descends S.E.
80	00	Offset for convergency 14 chl. 28 3/5 flks. N. to true line and set cottonwood post 7 ft long and 6 in square. 2 feet deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 209th Mile and 43° Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. Pits on line E. & W. of post, each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 209th Mile —
		Surface rolling. Soil clay 3rd rate Vegetation light. Bar. Al. 3865 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 210th Mile
		Magnetic Variation 15°48' E.
8	00	Drain descends S.E.
26	00	Drain descends S.E.
80	00	Offset for convergency 14 chl. 99 1/5 flks. N. to true line and set a cottonwood post 7 ft long 6 in square 2 ft deep.
		Mark said post on South "Dakota" on South "Nebraska" on East 210th Mile and 43° Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth 6 ft in dia. 3 ft high. Pits on line E. & W. of post each pit being 3 ft square & 18 in deep; to perpetuate the terminus of 210th Mile —
		Surface rolling
		Soil clay 3rd rate Vegetation light
		Bar. Altitude 3850 ft —

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 211th Mile
		Magnetic Variation 15° 49' E
80	00	Offset for convenience 15 chains 17 3/5 lks S. to the true line where I set a Cottonwood post 7 ft high and 6 in square — 2 ft deep.
		Mark said post on "N. Dakota" on South — "Nebraska" on East 211th Mile and 43° Parallel and on West 211th Mile —
		Deposit stamped block on N. side of post, and raise a conical mound of earth — 6 ft in dia. 3 ft high from pits on line E. & W. of post each pit being 3 ft square & 18 in deep; to perpetuate the terminus of 211th Mile
		Surface rolling, Soil clay 3rd rate — Vegetation light. Barometric Al. 3880 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 212th Mile
		Magnetic Variation 15° 50' E
80	00	Offset for convenience 16 chains 54 to the S. to the true line where I set a Cottonwood post 7 ft long and 6 in square — 2 ft deep —
		Mark said post on N. Dakota on South — Nebraska on East 212th Mile and 43° Parallel and on West 18 T 4"
		Deposit stamped block on N. side of post and raise a conical mound of earth — 6 ft in dia. 3 ft high from pits on line E. & W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 212th Mile,
		Surface rolling
		Soil clay 3rd rate —
		Vegetation light
		Barometric Altitude 3890 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 213th Mile
		Magnetic Variation 15° 51' E
20	00	Crossed S.E. water in holes
80	00	Offset for convergency 17 ch. 3 lk. 2/5 lk. S. to true line where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep
		Mark said post on N. "Dakota" on South "Nebraska" on East 213th Mile and 43° Parallel and on West 1874.
		Deposit grand block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. & W. of post - each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 213th Mile
		Surface level
		Soil clay 3d rate, Vegetation light
		Barometric Altitude 3940 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 214th Mile
		Magnetic Variation 15° 52' E
40	00	Dry bed of Creek N.E. water in holes
51	00	Dry bed of Creek S.E. " " "
60	00	Dry bed of Creek N.E. " " "
79	00	Dry bed of Creek S.E. " " "
80	00	Offset for convergency 18 ch. 12 lk. S. to true line where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep.
		Mark said post - on North "Dakota" on South "Nebraska" on East 214th Mile and 43° Parallel and on West 1874.
		Deposit grand block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. & W. of post. each pit being 3 ft square and 18 inches deep. to perpetuate the terminus of 214th Mile
		Surface broken. Soil clay 3d rate
		Vegetation light. Barometric Al. 3950 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 215th Mile
		Magnetic Variation 15° 58' E
60	00	Creek N.E. water in holes
68	00	Creek S.E. water in holes —
80	00	Offset for convergency 18 ch. 95 3/4 lks. N. to true line. where I set a cottonwood post. 7 ft long. 6 in square. 2 ft deep.
		Mark said post on "Dakota" on S. "Nebraska" on East 215th Mile and 48° Parallel and on West 1874.
		Deposit chained block in N. of post. and raise a conical mound of earth 6 ft in dia. 3 ft high. from pits on line E. and W. of post. each pit being 3 ft square and 18 in deep; to perpetuate the terminus of 215th Mile —
		Surface broken. Soil clay 3rd rate Vegetation light. Bar. Alt. 3985 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 216th Mile
		Magnetic Variation 15° 54' E
8	00	Creek course N.E.
15	60	Creek course N.E.
80	00	Offset for convergency 19 ch. 80 1/2 lks. N. to true line. where I set a cottonwood post. 7 ft long and 6 in square. 2 ft deep.
		Mark said post on "South-Dakota" on South-Nebraska on East 216th Mile and 48° Parallel and on West 1874.
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. and W. of post each pit being 3 ft square and 18 in deep; to perpetuate the terminus of the 216th Mile
		Surface broken
		Soil clay 3rd rate, Vegetation light
		Barometric Altitude 4090 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 217th Mile
		Magnetic Variation 15°50' East
14	00	Ravine 5 ch. wide N.E.
76	00	Ravine 6 ch. wide N.E.
80	00	Offset for convenience 20 ch. 67½ lks. N. to true line, where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep -
		Mark said post on South "Dakota" on South "Nebraska" on East 217th Mile and 48" Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth - 6 ft in dia. 3 ft high, from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep to perpetuate the terminus of 217th Mile -
		Surface broken. Soil clay 3rd rate
		Barometric Altitude 4075 ft
		Vegetation light

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 218th Mile
		Magnetic Variation 15°57' E
80	00	Offset for convenience 21 ch. 56½ lks. N. to true line where I set a Cottonwood post 7 ft long and 6 in square - 2 ft deep.
		Mark said post on N. "Dakota" on South "Nebraska" on East 218th Mile and 48" Parallel and on West 1874.
		Deposit charred block on N. side of post and raise a conical mound of earth - 6 ft in dia. 3 ft high from pits on line E. and W. of post, each pit being 3 ft square and 18 in deep, to perpetuate the terminus of 218th Mile
		Surface broken
		Soil clay 3rd rate } Vegetation light
		Barometric Altitude 4200 ft

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 219th Mile
		Magnetic Variation 15° 58' E
6	00	Drain descends N. W.
20	00	Drain descends N. W.
80	00	Offset for contingency 22 ch. 47 lks. to Nat. to true line and set a cottonwood post 7 ft long, 6 in square - 2 ft deep.
		Mark said post on N. "Dakota" on South Nebraska on East 219th Mile and 43° Parallel and on West "1874"
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high, from pits on line E. & W. of post each pit being 3 ft square and 18 ft deep. To perpetuate the terminus of the 219th Mile
		Surface broken, Soil clay 3 rate Vegetation light. Barometric Alt. 4220 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 220th Mile
		Magnetic Variation 15° 54' E
14	00	Creek course N.E. water in holes
82	00	Creek course S.E. water in holes
70	00	Creek course N.E. water in holes
80	00	Offset for contingency 23 ch. 40 lks. N. to true line where I set a Cottonwood post 7 ft high. 6 in square. 2 feet deep.
		Mark said post on South "Dakota" on South Nebraska on East 220th Mile and 43° Parallel and on West 1874.
		Deposit chained block on N. side of post, and raise a conical mound of earth 6 ft in dia. 3 ft high from pits on line E. & W. of post. each pit being 3 ft square and 18 in deep. To perpetuate the terminus of 220th Mile - Surface broken Soil 3rd rate - Barometric Altitude 4240 ft.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 221st Mile
		Magnetic Variation 16° East
15	00	Crick S.E. water in holes
80	00	Offset for convergency 24ch. 34½ lks. N. to true line where I set a cottonwood post 7 ft long and 6 in square. 2 ft deep.
		Mark said post on South "Dakota" on South Nebraska on East 221st Mile and 43° Parallel and on West "1874"
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E. & W. of post each pit being 3 ft square and 18 in deep. to perpetuate the terminus of the 221st Mile.
		Surface gently rolling
		Soil clay 3rd rate. Vegetation light
		Barometric Altitude 4200 feet September 24th

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		West on 222d Mile
		Magnetic Variation 16° East
70	00	Crick descends S.E.
77	00	Crick descends N.E.
80	00	Offset for convergency 25ch. 30 19/100 lks. South to true line where I set a cottonwood post, 7 ft long and 6 in square 2 ft deep.
		Mark said post on South "Dakota" on South Nebraska on East "222d Mile and 43° Parallel" and on West "1874."
		Deposit chained block on N. side of post. and raise a conical mound of earth 6 ft in dia 3 ft high from pits on line E. & W. of post. each pit being 3 ft square and 18 in deep. to perpetuate the terminus of 222d Mile
		Surface broken. Soil clay 3rd rate

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 223d Mile
		Magnetic Variation 16° E
3	00	Creek course S.E.
15	00	Creek course N.E.
62	00	Creek course S.E.
76	00	Creek course N.E.
80	00	Offset for convergency 26 ch.
		29 ⅘ lks. N. to true line, where
		I set a Cottonwood post 7 feet
		long and 6 in square - 2 ft deep
		Mark said post on "North
		Dakota" on South Nebraska
		on East 223d Mile and 43°
		Parallel and on West "1874".
		Deposit charred block
		on N. side of post and raise
		a conical mound of earth
		6 ft in dia. 3 ft high, from
		pits on line E. & W. of post
		each pit being 3 ft square &
		18 in deep: to perpetuate the
		terminus of 223d Mile

Surface broken. Soil S. & rate
Vegetation light. Bar. Al. 4340 feet

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 224th Mile
		Magnetic Variation 16° E
1	00	Creek flows S.E.
8	00	Creek flows N.E.
17	00	Creek flows S.E.
20	00	Creek flows N.E.
26	00	Creek flows S.E.
80	00	Offset for convergency 27 ch.
		29 3/10 lks. N. to true line, where
		I set a Cottonwood post 7
		ft long and 6 in square - 2 ft
		deep
		Mark said post on "N. Dakota"
		on South "Nebraska" on East 224th
		Mile and 43° Parallel and
		on West "1874".
		Deposit charred block on N.
		side of post and raise a conical
		mound of earth 6 ft in dia. 3 ft
		high. from pits on line E. & W. of post
		each pit being 3 ft square and 18
		in deep; to perpetuate the terminus
		of the 224th Mile - Surface broken

Vegetation light. Soil S. & rate
Barometric Altitude — 4250 feet -

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		West on 225th mile
		Magnetic Variation 16° East
12	20	Intersect the 27th of Longitude West from Washington.
		My convergency N. to true line from this point will be 27 chains and 48 links, but in measuring South I intersect the South West Corner as established by Mr. Chaffee, at 22 chains and 13 links, showing my intersection to be 5 chains and 35 links South of the true North West Corner of the State of Nebraska.
		I adopted Mr Chaffee's corner as correct and corrected my line to correspond therewith.
		Note. I found the Stone monument which Mr. Chaffee placed

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W to 27° Long. W from Washington.

Chains	Links	
		at the N. W. corner of the State lying on the ground.
		The Mound that was placed around it, had been removed, or torn down, on the East side, so as to let the stone fall in that direction.
		I re-erected the monument and re-built the mound.
		Surface, rolling and broken Soil - 3rd rate. Vegetation light.
		Barometric Altitude 4250 ft.
		September 25th 1874

North Boundary of Nebraska.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	Chains	Links	

North Boundary of Nebraska.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

List of Names.

A list of the names of the individuals who were employed to assist in surveying and establishing the North Boundary of Nebraska, which is so much of the 43d Parallel of Latitude as extends from the centre thread of the Keya Paha River to its intersection with the 27th degree of Longitude West from Washington; showing the respective capacities in which they acted.

Henry Comstock	Chainman
Joseph Potras	Chainman
W. R. Dunn	Chainman
C. H. Brown	Chainman
C. M. Wyman	Moundman
John Fox	Moundman
Henry Johnson	Moundman
L. Gheenier	Flagman
Erastus Belden	Flagman
E. P. Austin — Astronomer.	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		We hereby certify that we assisted Chauncey Keller, Astronomer & Surveyor, in establishing the 43d Parallel of North Latitude which forms the North Boundary of Nebraska, from its intersection with the Keya Paha River West to the 27d of Longitude West from Washington, the latter point being the North West corner of the State.
		We also certify that said line has been, in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted and perpetuated in strict accordance with the instructions furnished by the Commissioner of the General Land Office. said monuments being of dimensions, character, construction and marking as specifically described

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Chains	Links	
		in the foregoing field notes.
		Henry Court — Chainman
		Joseph Potras — Chainman
		W. R. Evans — Chainman
		E. H. Brown — Chainman
		G. M. Wyman — Moundman
		John Fox — Moundman
		Henry Johnson — Moundman
		L. Grenier — Flagman
		Essex Belden — Flagman.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

Tables
of
Astronomical Observations

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latitude Station August 27th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7103	S	20.952	13.2	10.4	
7120	N	15.250	9.8	14.0	
7166	N	18.868	10.6	13.2	
7194	S	15.137	13.9	10.0	
7233	N	17.720	15.6	8.3	
7260	S	15.179	11.7	12.1	
7301	N	16.528	10.0	13.8	
7313	S	17.807	16.	7.7	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latude Station August 29th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6184	N	15.660	10.7	11.0	
6237	S	16.820	11.5	10.3	
6392	S	17.063	9.9	12.6	
6428	N	14.558	12.4	10.0	
6495	S	14.596	9.2	13.6	
6520	N	18.804	13.5	9.4	
6556	S	19.034	10.2	12.5	
6566	N	17.270	13.0	9.7	
6603	N	16.970	11.0	12.0	
6651	S	18.440	10.8	12.3	
6687	N	15.590	11.6	11.8	
6698	S	21.563	13.2	10.4	
6731	N	18.937	11.0	12.3	
6769	S	16.715	13.8	9.7	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latitude Station August 29th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6799	N	18.386	12.0	11.9	
6813	S	18.550	9.6	14.2	
6851	S	23.172	11.9	12.0	
6881	N	12.485	13.1	10.6	
6962	N	14.573	12.9	11.0	
6986	S	24.182	11.8	12.5	
7103	S	20.913	13.9	10.9	
7120	N	15.113	15.3	9.3	
7166	N	19.456	11.7	13.2	
7194	S	15.670	11.1	13.8	
7233	N	17.700	15.3	9.5	
7260	S	15.111	10.7	14.4	
7301	N	16.098	12.2	12.9	
7313	S	17.380	13.7	11.4	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latitude Station August 29th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7345	N	17.551	11.6	13.7	
7398	S	18.133	16.0	9.4	Illumination bad Lamp nearly gave out.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latitude Station August 30th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6184	N	15.521	10.0	11.0	
6237	S	16.651	11.0	10.3	
6392	S	17.006	12.7	9.1	
6428	N	14.519	8.2	13.7	
6452	N	13.373	10.0	11.8	
6468	S	27.685	10.2	11.8	
6495	S	15.261	9.7	12.5	
6520	N	19.471	11.9	10.1	
6556	S	18.811	10.5	11.6	
6566	N	17.074	11.0	110	
6603	N	16.878	114	10.5	
6651	S	18.366	10.6	11.9	
6687	N	15.410	12.6	9.7	
6698	S	21.360	9.5	12.9	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

Initial Latitude Station August 30th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6731	N	19.778	12.2	10.0	
6769	S	17.520	8.8	13.6	
6851	S	23.117	14.0	8.6	
6881	N	12.428	8.2	14.0	
7103	S	21.240	11.8	10.5	Night very windy, with many flying clouds and stars unsteady.
7120	N	15.520	11.0	11.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

Initial Latitude Station

Pair	August 27th	August 29th	August 30th	Means	Pair	August 27th	August 29th	August 30th	Means
6184					6851				
6237		46.51	48.26	47.38	6881		50.49	48.78	49.64
6392					6962				
6428		47.07	47.66	47.36	6986		46.79		46.79
6452					7103				
6468			46.78	46.78	7120	48.30	47.63	49.32	48.38
6495					7166				
6520		46.97	46.86	46.92	7194	48.46	49.90		49.18
6556					7233				
6566		46.89	47.89	47.39	7260	46.17	47.50		46.84
6303					7301				
6651		46.87	46.95	46.91	7313	48.66	47.16		47.91
6687					7345				
6698		46.76	46.82	46.79	7398		46.42		46.42
6731									
6769		49.25	48.94	49.10	Means	47.90	47.62	47.83	
6799									
6813		48.21		48.21					

Resulting latitude

42° 59′ 47″.73 ± 0″.14

Probable error of a single result ± 0″.76

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station september 3d 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6603	N	16.879	11.3	11.8	
6651	S	18.133	9.4	13.8	
6687	N	15.862	12.7	10.9	
6698	S	21.640	11.0	12.2	
6731	N	19.339	11.8	11.9	
6769	S	16.899	11.3	12.1	
6799	N	18.635	12.3	11.1	
6813	S	18.630	11.0	12.5	
6851	S	23.047	12.1	11.5	
6881	N	12.524	11.2	12.6	
6962	N	14.656	10.0	14.0	
6986	S	23.962	8.8	15.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 4th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6452	N	9.991	13.6	15.1	
6468	S	24.164	16.3	12.3	
6495	S	14.492	14.0	14.5	
6520	N	18.904	12.8	15.9	
6556	S	18.748	15.2	13.3	
6566	N	17.196	13.4	15.2	
6603	N	16.595	14.6	14.3	
6651	S	17.919	15.5	13.3	
6687	N	15.863	14.7	14.2	
6698	S	21.639	14.2	14.8	
6731	N	19.139	14.0	15.0	
6769	S	16.732	15.9	13.0	
6799	N	18.601	13.8	15.5	
6813	S	18.608	14.8	14.3	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 4th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6851	S	22.880	15.0	14.0	
6881	N	12.396	13.0	16.2	
6962	N	15.051	15.5	14.0	
6986	S	24.488	16.2	13.3	
7029	S	20.159	15.0	14.7	
7055	N	18.753	16.0	13.8	
7103	S	20.650	16.2	13.8	
7120	N	15.120	13.0	17.0	
7166	N	19.523	16.0	14.0	
7194	S	15.622	14.3	15.7	
7233	N	17.576	14.4	15.5	
7260	S	14.782	15.5	14.5	
7301	N	16.260	14.8	15.2	
7313	S	17.360	15.3	14.8	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 4th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7345	N	17.110	15.1	15.0	
7398	S	17.473	15.2	14.8	
7431	N	24.231	14.5	15.6	
7462	S	11.233	14.7	15.3	
7496	N	19.950	10.7	19.2	
7505	S	16.770	15.6	14.5	
7566	S	21.777	15.5	14.7	
7598	N	11.854	14.0	16.1	
7627	S	20.818	14.2	16.0	
7651	N	14.475	14.0	16.2	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 5th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6392	S	16.207	14.6	11.8	
6428	N	13.879	11.3	15.1	
6452	N	10.184	12.8	14.0	
6468	S	24.319	12.4	14.1	
6495	S	14.733	15.2	11.6	
6520	N	19.124	12.8	14.1	
6556	S	18.910	14.2	12.7	
6566	N	17.367	11.8	15.2	
6603	N	16.886	13.0	14.0	
6651	S	18.191	14.7	12.7	
6687	N	15.870	13.3	14.0	
6698	S	21.629	13.8	14.0	
6731	N	19.069	13.3	14.0	
6769	S	16.634	14.1	13.3	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 5th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6799	N	18.490	13.6	14.0	
6813	S	18.491	12.6	15.1	
6851	S	22.919	14.5	13.1	
6881	N	12.367	14.0	14.0	
6962	N	14.720	13.6	14.1	
6986	S	24.143	13.9	14.1	
7029	S	19.898	16.0	12.0	
7055	N	18.512	11.8	16.1	
7103	S	20.415	14.1	13.8	
7120	N	14.860	14.0	14.0	
7166	N	19.657	14.2	13.8	
7194	S	15.759	14.1	13.9	
7233	N	17.328	14.0	14.2	
7260	S	14.550	14.0	14.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 5th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7301	N	16.370	14.0	14.1	
7313	S	17.401	11.5	16.8	
7345	N	17.240	15.5	12.9	
7398	S	17.637	15.2	13.0	
7431	N	24.364	14.2	14.2	
7462	S	11.398	18.0	10.7	
7496	N	19.230	15.7	13.0	
7505	S	16.194	16.2	12.3	
7566	S	21.918	14.2	14.7	
7598	N	11.991	12.7	16.3	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 6th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6392	S	16.638	17.2	15.7	
6428	N	14.315	16.0	17.0	
6452	N	9.846	16.3	16.8	
6468	S	24.044	18.0	15.2	
6495	S	14.462	16.0	17.2	
6520	N	18.860	160	17.3	
6556	S	18.799	17.1	16.0	
6566	N	17.225	170	16.1	
6603	N	16.426	13.4	20.0	
6651	S	17.726	20.2	13.1	
6687	N	15.647	13.7	14.1	
6698	S	21.401	13.5	14.2	
6731	N	18.971	14.0	14.0	
6769	S	16.575	15.7	12.7	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 6th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6799	N	18.398	10.8	17.8	
6813	S	18.453	19.4	9.0	
6851	S	22.785	16.0	12.7	
6881	N	12.256	13.0	15.7	
6962	N	14.720	14.8	14.3	
6986	S	24.135	15.8	13.5	
7029	S	19.760	16.2	13.0	
7055	N	18.370	14.3	15.0	
7103	S	20.315	14.2	15.1	
7120	N	14.779	15.3	14.2	
7166	N	19.426	14.0	15.6	
7194	S	15.504	15.3	14.0	
7233	N	17.307	15.8	14.0	
7260	S	14.570	14.4	14.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

1st Astronomical Station September 6th 1874

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7301	N	16.392	15.4	14.2	
7313	S	17.495	15.0	14.4	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

First Astronomical Station

Pair	September 3d	4th	5th	6th	Means	Pair	September 3d	4th	5th	6th	Means
6392						7029					
6428			1.73	3.19	2.46	7055		3.76	3.81	5.47	4.35
6452						7103					
6468		2.27	2.07	0.45	1.60	7120		3.85	3.29	4.97	4.04
6495						7166					
6520		2.10	4.29	1.96	2.78	7194		3.55	3.54	5.12	4.07
6556						7233					
6566		4.19	3.80	3.94	3.98	7260		4.00	2.90	1.39	2.96
6603						7301					
6651	3.46	2.70	3.43	3.67	3.32	7313		2.30	4.60	3.63	3.51
6687						7345					
6698	1.97	1.86	2.89	3.31	2.51	7398		2.97	3.23		3.10
6731						7431					
6769	5.31	4.63	5.91	4.81	5.16	7462		2.89	5.76		4.08
6799						7496					
6813	5.36	4.02	3.63	3.47	4.12	7505		6.00	3.57		4.78
6851						7566					
6881	2.63	5.05	2.10	3.62	3.35	7598		4.02	2.24		3.13
6962						7627					
6986	4.92	3.88	2.01	5.06	3.97	7651		4.28			4.28
						Means	3.94	3.57	3.41	3.60	

Resulting Latitude —— 43° 0′ 3″.86 ± 0″.11

Probable error of a single result —— ± 0″.83

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 11th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6452	N	9.806	12.6	15.6	
6468	S	24.079	15.3	13.0	
6495	S	14.510	14.1	14.0	
6520	N	18.801	12.4	16.1	
6556	S	18.592	15.0	13.6	
6566	N	16.899	14.4	14.2	
6603	N	16.760	13.4	15.4	
6651	S	18.152	12.3	16.5	
6687	N	15.478	14.9	14.3	
6698	S	21.371	15.4	13.7	
6731	N	19.183	13.6	15.6	
6761	S	16.881	15.6	13.8	
6799	N	18.370	13.4	16.0	
6813	S	18.480	14.0	15.5	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 11th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6851	S	22.439	15.2	14.4	
6881	N	11.811	14.1	15.5	
6962	N	14.911	15.8	14.0	
6986	S	24.519	17.2	12.6	
7029	S	19.831	16.2	13.7	
7055	N	18.363	11.1	18.8	
7103	S	20.629	16.2	13.8	
7120	N	15.009	11.7	18.5	
7166	N	19.528	13.0	17.0	
7194	S	15.725	17.0	13.0	
7233	N	17.480	14.3	16.0	
7260	S	14.793	15.7	14.4	
7301	N	19.595	14.0	16.2	
7313	S	20.790	16.0	14.1	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 11th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7345	N	17.068	11.8	18.5	
7398	S	17.500	15.6	15.0	
7431	N	24.240	13.9	16.8	
7462	S	11.330	15.0	15.7	
7496	N	19.350	13.3	17.5	
7505	S	16.420	19.7	11.0	
7566	S	21.750	16.3	14.5	
7598	N	11.650	15.8	15.2	
7627	S	21.203	15.9	15.2	
7651	N	14.700	14.5	17.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 12th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6392	S	16.365	14.2	15.5	
6428	N	13.939	14.7	15.1	
6452	N	10.019	13.0	16.8	
6468	S	24.250	16.0	14.0	
6495	S	15.000	17.0	13.0	
6520	N	19.270	13.9	16.1	
6556	S	18.924	14.0	16.1	
6566	N	17.303	14.3	15.8	
6603	N	17.150	13.0	17.1	
6651	S	18.550	14.2	16.1	
6687	N	15.803	14.8	16.7	
6698	S	21.622	14.0	16.3	
6731	N	18.916	14.4	16.0	
6769	S	16.646	18.1	12.6	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 12th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6799	N	18.371	13.6	17.1	
6813	S	18.491	15.2	15.6	
6851	S	23.201	18.0	13.0	
6881	N	12.560	13.4	17.6	
6962	N	14.617	13.3	17.7	
6986	S	24.101	16.2	14.8	
7029	S	19.702	16.2	15.0	
7055	N	18.150	19.0	12.2	
7103	S	20.705	17.0	14.2	
7120	N	15.026	16.0	15.6	
7166	N	19.388	15.0	16.6	
7194	S	15.600	17.0	14.5	
7233	N	17.390	15.3	16.1	
7260	S	14.770	18.4	13.3	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 12th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7301	N	19.593	16.0	16.0	
7313	S	20.810	17.0	14.7	
7345	N	17.029	16.3	15.4	
7398	S	17.517	15.8	16.1	
7431	N	24.050	15.1	16.8	
7462	S	11.173	16.3	15.8	
7496	N	19.167	16.0	16.0	
7505	S	16.149	13.4	18.8	
7566	S	21.565	16.3	15.7	
7598	N	11.513	15.0	16.8	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

2d Astronomical Station September 13th 1874

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6687	N	15.303	14.6	13.4	
6698	S	21.195	14.0	14.3	
6731	N	18.509	12.0	16.2	
6769	S	16.217	16.2	11.9	
6799	N	18.518	15.2	12.8	
6813	S	18.680	14.1	13.9	
6851	S	22.979	14.2	13.8	
6881	N	12.338	12.9	15.0	Very faint in clouds Clouds prevented further observations.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

	No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

Second Astronomical Station

Pair	September 11th	September 12th	September 13th	Means	Pair	September 11th	September 12th	September 13th	Means
6392					7029				
6428		54.26		54.26	7055	55.47	57.26		56.36
6452					7103				
6468	53.19	55.94		54.56	7120	56.43	56.76		56.60
6495					7166				
6520	53.38	55.21		54.30	7194	56.94	56.52		56.73
6556					7233				
6566	54.88	57.46		56.17	7260	57.15	54.80		55.95
6603					7301				
6651	52.83	52.52		52.68	7313	56.21	56.31		56.26
6687					7345				
6698	55.17	57.15	54.84	55.72	7398	55.12	55.10		55.11
6731					7431				
6769	56.16	56.33	55.84	56.11	7462	56.02	55.12		55.57
6799					7496				
6813	54.89	54.77	55.68	55.11	7505	55.40	56.49		55.94
6851					7566				
6881	55.85	55.94	54.54	55.44	7598	54.17	55.98		55.08
6962					7627				
6986	53.49	57.14		55.32	7651	54.78			54.78
					Means	55.13	55.85	55.22	

Resulting latitude 42° 59' 55".46 ± 0".13

Probable error of a single result ± 0".83

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 20th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6495	S	14.711	13.0	11.9	
6520	N	19.038	11.3	13.8	
6556	S	19.239	12.9	12.0	
6566	N	17.590	12.0	13.0	
6603	N	16.855	11.8	13.4	
6651	S	18.380	19.6	5.5	
6687	N	15.623	9.7	15.8	
6698	S	21.494	16.2	9.0	
6731	N	18.953	11.9	13.4	
6769	S	16.660	15.8	9.8	
6799	N	18.511	12.0	13.6	
6813	S	18.645	15.2	10.2	
6851	S	22.791	13.6	12.0	
6881	N	12.190	11.7	14.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3rd Astronomical Station September 20th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6962	N	14.940	12.4	13.2	
6986	S	24.432	12.0	13.6	
7029	S	19.805	12.7	13.3	
7055	N	18.369	11.9	14.2	
7103	S	20.900	13.2	13.0	
7120	N	15.250	13.0	13.4	
7166	N	19.140	10.0	16.2	
7194	S	15.309	15.2	11.2	
7233	N	17.370	12.3	14.0	
7260	S	14.695	14.2	12.3	
7301	N	19.850	12.3	14.3	
7313	S	21.036	14.0	12.6	
7345	N	17.270	13.3	13.2	
7398	S	17.739	13.2	13.4	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 20th 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7431	N	23.990	11.3	15.3	
7462	S	11.127	16.1	10.5	
7496	N	19.465	13.0	14.0	
7505	S	16.479	14.2	12.6	
7566	S	21.920	15.2	11.5	
7598	N	11.841	12.6	14.2	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 21st 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6303	N	16.550	13.9	13.9	
6651	S	17.970	15.2	12.8	
6687	N	15.511	14.9	13.4	
6698	S	21.380	14.4	13.4	
6731	N	19.900	14.3	14.0	
6769	S	16.605	15.7	12.9	
6799	N	18.333	6.5	22.1	
6813	S	18.408	20.6	8.0	
6851	S	23.300	16.1	12.6	
6881	N	12.671	13.5	15.3	
6962	N	14.575	14.8	14.3	
6986	S	24.078	13.9	15.0	
7029	S	19.901	14.3	15.0	
7055	N	13.430	14.0	15.1	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 21st 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7103	S	21.068	14.0	15.1	
7120	N	15.461	14.0	15.4	
7166	N	19.139	15.1	14.3	
7194	S	15.332	15.1	14.4	
7301	N	19.909	13.0	17.1	
7313	S	21.080	14.3	15.8	
7345	N	17.333	14.0	16.0	
7398	S	17.730	11.8	18.4	
7431	N	24.041	14.0	16.2	
7462	S	11.140	17.0	13.3	
7496	N	18.912	14.3	15.9	
7505	S	15.922	16.0	14.2	
7566	S	21.250	16.1	14.0	
7598	N	11.187	13.4	16.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 22d 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6495	S	14.558	15.0	13.5	
6520	N	18.853	14.2	14.8	
6556	S	18.688	16.1	12.8	
6566	N	17.030	13.3	15.5	
6603	N	16.920	14.8	14.3	
6651	S	18.341	16.2	13.0	
6687	N	15.659	13.6	15.6	
6698	S	21.529	15.3	13.9	
6731	N	18.624	15.0	14.2	
6769	S	16.320	16.0	13.4	
6799	N	18.621	14.2	15.3	
6813	S	18.732	15.5	14.0	
6851	S	23.000	15.5	14.0	
6881	N	12.383	13.5	16.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 22d 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
6962	N	14.595	14.0	15.5	
6986	S	24.100	15.3	14.2	
7029	S	19.835	14.3	15.8	
7055	N	18.351	15.1	15.0	
7103	S	20.572	15.0	15.3	
7120	N	14.919	15.8	14.8	
7166	N	19.280	13.9	16.8	
7194	S	15.463	16.0	14.5	
7233	N	17.324	15.3	15.1	
7260	S	14.691	17.2	13.5	
7301	N	14.846	14.3	16.6	
7313	S	21.068	17.3	13.5	
7345	N	17.298	15.1	15.7	
7398	S	17.768	17.2	13.7	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington.

3d Astronomical Station September 22d 1874.

No. B. A. C.	N. or S.	Micrometer.	Level. N.	Level. S.	REMARKS.
7431	N	24.219	15.1	16.0	
7462	S	11.336	18.0	13.3	
7496	N	19.670	14.4	17.0	
7505	S	16.701	18.0	13.5	
7566	S	22.171	16.0	15.7	
7598	N	12.114	15.9	16.0	

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

Third Astronomical Station

Pair	September 20th	21st	22d	Means	Pair	September 20th	21st	22d	Means
6495 / 6520	58.48		57.50	57.98	7103 / 7120	58.46	60.61	59.13	59.40
6556 / 6566	58.24		58.43	58.34	7166 / 7194	59.57	60.14	59.30	59.67
6603 / 6651	55.09	57.21	58.02	56.77	7233 / 7260	58.26		57.61	57.94
6687 / 6698	57.33	58.47	56.54	57.45	7301 / 7313	58.65	56.92	57.52	57.70
6731 / 6769	59.64	59.04	60.06	59.58	7345 / 7398	57.97	58.56	60.16	58.90
6799 / 6813	59.42	60.24	59.58	59.75	7431 / 7462	57.63	60.80	61.02	59.82
6851 / 6881	59.43	58.84	58.23	58.83	7496 / 7505	59.60	59.89	59.50	59.66
6962 / 6986	58.27	58.69	58.80	58.59	7566 / 7598	57.89	57.76	58.92	58.19
7029 / 7055	61.11	59.17	58.55	59.61	Means	58.53	59.02	58.76	

Resulting Latitude 42° 59′ 58″.76 ± 0″.12

Probable error of a single result ± 0″.82

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

Adopted Declination for 1874.0 of stars observed for Latitude of points on the North Boundary of Nebraska 1874.

no. B.U.C.	√ 1874.0 °	′	″	P.M.	no B.U.C.	√ 1874.0 °	′	″	P.M.
6184	+ 56	14	18.08	0″.00	6986	+ 39	58	33.77	-0.02
6237	29	48	1.28	+0.04	7029	31	47	4.37	+0.01
6392	37	28	28.06	+0.03	7055	54	16	19.73	0.00
6428	48	37	26.29	+0.09	7103	34	49	13.19	-0.03
6452	52	48	46.37	+0.29	7120	51	25	12.71	0.00
6468	33	48	31.66	-0.03	7166	55	33	41.20	.00
6495	39	2	38.93	0.00	7194	30	15	39.04	+0.04
6520	46	45	25.48	-0.09	7233	45	38	50.32	-0.02
6556	35	54	13.58	-0.01	7260	40	13	27.37	00
6566	50	9	40.16	0.00	7301	47	1	47.32	-0.02
6603	49	50	56.20	0.00	7313	39	0	46.87	.00
6654	36	12	14.62	+0.05	7345	47	8	33.87	-0.01
6687	52	3	50.65	-0.07	7398	38	52	3.54	+0.03
6698	34	11	10.76	0.00	7341	48	50	58.89	+0.08
6731	44	25	2.10	-0.07	7462	36	34	11.61	.00
6769	41	28	18.06	0.00	7495	47	53	16.41	.00
6799	47	35	49.32	0.00	7505	37	58	12.31	+0.10
6813	38	23	57.71	+0.13	7566	37	42	27.26	.00
6851	34	44	59.23	-0.02	7598	48	43	37.19	-0.02
6881	51	42	40.08	0.00	7627	25	19	59.82	.00
6962	46	26	7.29	-0.02	7651	60	56	39.32	.00

Adopted value of one div. of Zenith Telescope level = 2″.51

Adopted value of one rev. of Micrometer Screw = 159″.2522

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

Note.

At the end of the observations at each station, is a table containing the seconds of Latitude deduced from each observation at the Station, the adopted Latitude being the mean of the separate results, its probable error and the probable error of a single result.

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

I certify that I have assisted Chauncey Willey, Surveyor & Astronomer, in establishing so much of the Forty-Third (43) Parallel of North Latitude as forms the North Boundary of the State of Nebraska, or from its point of intersection with the centre thread of the Keya-Paha River to its intersection with the 27th degree of Longitude West from Washington; and that the observations were made with an Astronomical Transit, which was manufactured by Buff & Berger of Boston, said instrument having a focal length of 27 inches, and a clear aperture of 2 7/8 inches, a diagonal eye-piece with a magnifying power of 100 diameters; that it is provided with a reversing apparatus, a micrometer and level, for use as a Zenith Telescope; and that the observations and deductions were made and monuments

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N. from Keya-Paha River W. to 27° Long. W. from Washington

erected in accordance with the instructions furnished by the Commissioner of the General Land Office.

E. P. Austin
Astronomer

Subscribed before me and sworn to this 8th day of December 1874

Chauncey Willee
astronomer and Surveyor

NORTH BOUNDARY OF NEBRASKA.

Being the 43° Par'l N from Keya-Paha River W. to 27° Long. W. from Washington

I, Chauncey Willee Surveyor and Astronomer, do solemnly swear that in pursuance of a Contract with the Commissioner of the General Land Office, bearing date the 24th day of June 1873, I have well, faithfully and truly, in my own proper person, and in strict conformity to the instructions furnished by the Commissioner of the General Land Office, surveyed and established so much of the 43° Parallel of North Latitude as forms the North Boundary of the State of Nebraska, or from its point of intersection with the center thread of the Keya-Paha River, to its intersection with the 27th degree of Longitude West from Washington, — as represented in the foregoing field notes as having been surveyed under my direction; and I do

further solemnly swear that all the observations and deductions were made; and that the monuments were erected, and the termini of each mile established and perpetuated in strict accordance with the special instructions of the Commissioner of the General Land Office —, — being of permanent character, construction and marking as specifically described in the foregoing field notes: and that the foregoing are the true and original field notes of such survey.

Chauncey Wilte
Astronomer and Surveyor

Subscribed and sworn to before me, a Notary Public in and for the County of Douglas and State of Nebraska this 3rd day of December 1874

W. R. Burlett
Notary Public

Chains	Links	
		Department of the Interior, General Land Office. December 12. 1874.
		The foregoing field notes of the survey of the North Boundary of the State of Nebraska executed by Chauncey Wilte, Astronomer and Surveyor, under his contract with the Commissioner of the General Land Office, dated June 24. 1873, having been examined and found correct are hereby approved.
		S. S. Burdett Commissioner

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.