General Land Office • Original Field Notes

Book Number

149

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.

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Field Notes of Re-establishment of McCoy's Western Boundary according to "Act of Congress, June 12, 1858, by Alexander Oliphant, Sept. and Oct. 1858.

Resurvey of the West Boundrey
OF THE
HALF BREED LANDS
Lying between the two Nemaha Rivers in
NEBRASKA TERRITORY.

I certify that the above diagram is a correct representation of the West boundrey of the Half Breed Lands resurveyed by Justus L. Coyad Deputy Surveyor under instructions of the 2nd day of October 1855.

J. Calhoun
Surveyor General

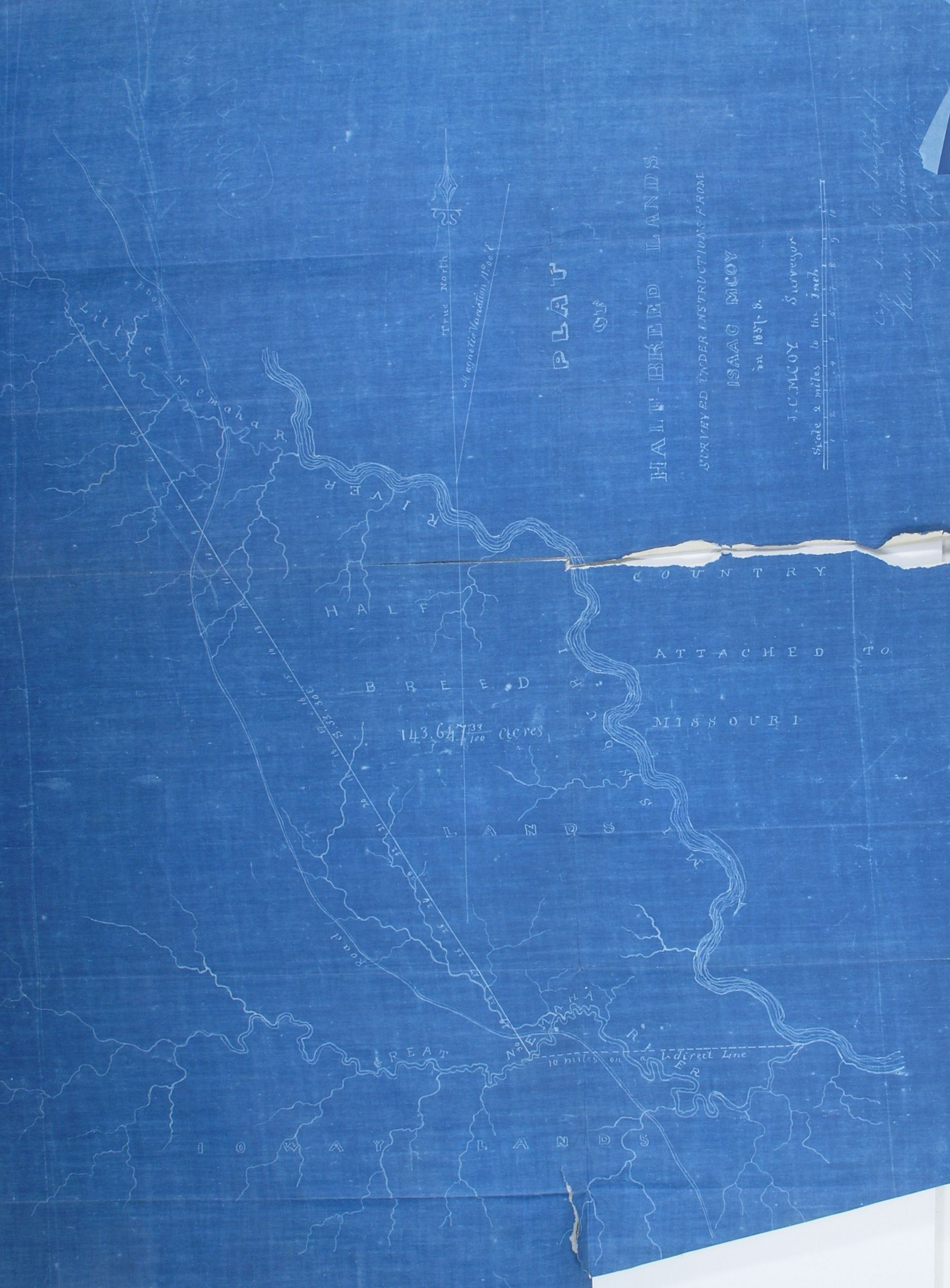
Surveyor Generals Office
Iowa City July 29th 1856.

RE-SURVEY of the WEST BOUNDERY
OF THE
HALF BREED LANDS
Lying between the two Nemaha Rivers in Nebraska Territory.

I certify that the above diagram is a correct representation of the West boundry of the Half Breed Lands resurveyed by Justus L. Coquard Deputy Surveyor under instructions of the 2nd day of October 1855.

Surveyor Generals Office
N Randolph 1856.

Surveyor General.


PLAN
OF
HALF-BREED LANDS
SURVEYED UNDER INSTRUCTIONS FROM
ISAAC McCOY
in 1837-8.
J. C. McCOY Surveyor
Scale 2 miles to the inch
1 2 3 4 5 6 7 8 9 10
North
True
Magnetic Variation 11° 00' E
Little Nemaha R.
HALF RIVER
BREED
143.647 33/100 acres
S 33° 30' E
Road
LANDS IN
MISSOURI
COUNTRY
ATTACHED TO
GREAT NEMAHA RIVER
10 miles on a Direct Line
IOWAY LANDS

G E N E R A L I N D E X .

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NOTE:- The field notes of the Boundary and area of lands of the Half-Breed Ioways, Otoes, Omahas, Yancton and Santee Bands of Sioux by Isaac McCoy in 1837-38, above mentioned as appearing on page 1 is the original record of the oldest Survey yet found within the boundaries of Nebraska.

November 20 1908. State Surveyor.

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(Original Notes. Robert Harry State Surveyor) Nov. 20 1908

1

Boundaries and Area

Of the Lands of the Half-Breed Ioways, Otoes, Omahas, and Yanton and Santee Bands of Sioux, provided by Treaty of Prairie du Chien in 1830.

Beginning at the junction of the Great Nemaha River with the Missouri River = thence up the Missouri River with its meanders, on the Southeast bank, to the mouth of the Little Nemaha River = thence up the Little Nemaha River with its meanders to a point ten miles in a direct course from its junction with the Missouri River = which corner is described by a post on the S.W. bank of the River from which a maple near the water's edge 18 inches in diameter bears S. 65° 30' E. 3.27 chains, marked "H. B. L": thence S. 33° 30' E. 30 miles and 30.50 chains, to the North bank of the Great Nemaha River ten miles in a direct course from its junction with the Missouri River to a hickory 12 inches diam. marked "S. W. cor. H.B.L." from which a white hickory 10 inches diameter bears N. 39° W. 28 links marked = and a black walnut 15 inches diam. bears N. 84° 30' E. 21 links blaged, thence down the Great Nemaha river with its meanders on the North bank to the beginning —

Containing 1113,647 33/100 acres.

Westport, Jackson county, Missouri,
Sept. 17th 1838.

Isaac McCoy.

61921-1908
JMW

(2)

166582

Department of the Interior,

OFFICE OF INDIAN AFFAIRS,

CFH

Washington, September 22, 1908

I, C. F. Larrabee, Acting Commissioner of Indian Affairs, do hereby certify that the papers hereto attached are true copies of the originals as the same appear of record in this Office.

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

C. F. Larrabee,
Acting Commissioner.

3

F I E L D N O T E S

of

The Survey of Lands reserved for

H A L F B R E E D

Otoes, Ioways, Omahas, & Yancton & Santee

bands of Sioux.

SURVEYED UNDER INSTRUCTIONS FROM

ISAAC McCOY

in 1837-8

J. C. McCOY,

Surveyor.

****

Commenced on the S. bank of the Great Nemaha river at its junction with the Missouri river, at which place established the S. E. corner of Half Breed lands by setting a Cedar Post from which a cottonwood bears S. 5 links and a cedar post on the N. bank bears N. 64° W. Proceeded thence up on the S. bank of the Great Nemaha river with its meanders for the purpose of ascertaining a point on the same 10 miles from its mouth.

Length of Chain 4 poles

Magnetic variation 11°E.

Station	Course	Distance	Remarks.
1	S. 86° W.	3.50	
2	S. 73° 15' W.	16.50	
3	S. 21° W.	11.50	
4	S. 9° 45' W.	4.00	
5	S. 7° 45' E.	8.00	High timbered
6	S. 5° 45' W.	3.50	hills on S. side, low
7	S. 36° 30' W.	13.00	level rich prairie on
8	S. 2° E.	10.00	N. side.
9	S. 22° 30' W.	10.00	
10	S. 28° W.	6.50	
11	S. 10° E.	19.50	
12	S. 13° W.	11.50	
13	S. 27° W.	16.00	
14	S. 55° 30' W.	18.50	
15	S. 69° 15' W.	8.00	

16	S. 80°	W.	5.50	
17	N. 80°	W.	7.50	
18	N. 37° 30'	W.	1.00	
19	N. 64°	W.	3.50	
20	N. 83°	W.	3.00	
21	N. 58°	W.	2.50	
22	N. 78°	W.	10.00	
23	S. 32° 45'	W.	10.50	
24	S. 10°	W.	36.50	
25	S. 63°	W.	29.50	Meanders of
26	S. 87°	W.	17.50	Great Nemaha River.
27	N. 69°	W.	28.00	
28				omitted
29	N. 31°	W.	5.00	
30	N. 22°	W.	23.50	
31	N. 50°	W.	7.00	
32	N. 68°	W.	11.50	
33	S.80°	W.	3.50	
34	S. 27°	W.	9.00	
35	S. 64° 15'	E.	9.50	
36	S. 27°	E.	5.50	
37	S. 40°	E.	10.50	
38	S. 7° 30'	E.	11.50	
39	S. 43°	W.	27.50	
40	S. 89°	W.	6.00	
41	N. 56°	W.	3.50	
42	N. 39°	W.	7.00	
43	N. 5°	W.	6.50	

43	N. 48° W.	12.50	
44	N. 4° W.	5.50	
45	N. 8° E.	22.50	
46	N. 5° W.	4.00	
47	N. 42° 30' W.	4.50	
48	N. 63° 30' W.	2.00	
49	S. 36° 30' W.	1.50	
50	S. 10° 30' W.	2.50	
51	S. 2° 30' W.	16.50	
52	S. 20° W.	26.50	
53	S. 60° W.	11.00	Meanders of
54	N. 88° 45' W.	12.00	Great Nemaha River.
55	N. 74° W.	6.50	
		593.10	
56	N. 85° W.	11.00	
57	S. 81° W.	5.00	
58	S. 79° W.	2.00	
59	S. 72° 30' W.	4.50	
60	N. 71° 45' W.	2.50	
61	N. 85° 45' W.	3.50	
62	N. 55° W.	5.50	
63	N. 37° W.	4.00	
64	N. 17° W.	7.00	
65	N. 6° 30' E.	3.50	
66	N. 6° 15' W.	2.00	
67	N. 6° W.	14.50	
68	N. 10° 15' E.	24.50	
69	N. 25° 30' E.	22.00	
70	S. 77° E.	19.00	

71	S. 44° 30' E.	26.00	
72	N. 39° E.	6.50	
73	N. 80° 30' E.	5.50	
74	N. 48° 45' E.	12.50	
75	N. 21° W.	10.50	
76	N. 72° 30' W.	19.00	
77	S. 85° W.	12.00	
78	N. 48° W.	23.50	
79	N. 7° 30_ W.	17.00	
80	N. 89° W.	3.00	
81	S. 58° W.	8.00	
82	N. 80° 30' W.	14.50	Meanders of
83	S. 38° W.	2.00	Great Nemaha River.
84	S. 34° W.	8.50	
85	S. 61° W.	10.50	
86	N. 54° 30' W.	5.50	
87	N. 9° W.	12.50	
88	N. 4° 30' W.	16.00	
89	N. 42° E.	6.00	
90	N. 15° E.	8.50	
91	N. 37° 30' W.	4.50	
92	N. 22° W.	4.00	
93	N. 25° W.	4.00	
94	N. 17° 30' W.	6.00	
95	N. 61° W.	9.50	
96	S. 28° 30' W.	4.00	
97	S. 22° 15' E.	18.00	
98	S. 2° W.	3.50	

99	S. 24° W.	6.50	
100	S. 6° 30' W.	6.50	
101	S. 31° 30' W.	4.50	
102	S. 7° W.	4.50	
103	S. 2° E	3.50	
104	S. 40° 30' W.	7.00	
105	S. 64° 30' W.	6.50	
106	N. 63° 30' W.	4.00	
107	N. 74° W.	7.00	
108	N. 28° 15' W.	5.00	
109	N. 1° 30' E.	14.00	
110	N. 42° 30' W.	10.00	
111	N. 34° 15' W.	13.50	Meanders of Great
112	S. 84° W.	6.00	Nemaha River.
113	S. 73° W.	15.00	
114	N. 75° 30' W.	5.50	
115	N. 49° W.	20.00	
116	N. 23° 15' W.	14.00	
117	N. 57° 45' W.	10.50	
118	N. 71° 15' W.	14.50	
		1182.00	
119	N. 42° 15' W.	12.50	
120	N. 35° 30' W.	8.50	
121	N. 46° W.	13.50	
122	N. 9° 15' W.	16.50	
123	N. 21° 15' E.	6.50	
124	N. 39° W.	2.00	
125	S. 24° W.	14.00	
126.	N. 71° W.	7.00	
127	N. 36° W.	8.00	

128	N. 6° 30' W.	12.00	
129	N. 42° 15' E.	13.00	
130	N. 20° 45' E.	17.00	
131	N. 61° 15' W.	8.50	
132	N. 72° 45' W.	7.50	
133	N. 86° W.	5.00	
134	N. 58° W.	4.00	
135	N. 2° 15' E.	16.00	
136	N. 42° 15' E.	9.00	
137	N. 23° E.	8.50	
138	N. 71° W.	4.50	
139	S. 85° 15' W.	12.00	Meanders of Great
140	S. 9° 15' W.	5.00	Nemaha River.
141	S. 15° 15' E.	3.50	
142	S. 13° W.	6.50	
143	N. 80° W.	2.50	
144	S. 85° W.	3.00	
145	N. 38° W.	9.00	
146	N. 36° 30' W.	18.00	
147	S. 22° 45' W.	1.50	
148	S. 5° 15' W.	3.50	
149	S. 4° 30' W.	2.50	
150	S. 2° W.	5.00	
151	S. 38° 45' W.	7.50	
152	S. 77° 15' W.	7.00	
153	N. 89° W.	4.50	
154	N. 39° W.	5.00	
155	N. 8° E.	10.50	

156	N. 41° W.	11.00	
157	N. 66° 30' W.	11.00	
158	S. 75° 15' W.	5.00	
159	S. 26° 15' E.	5.00	
160	S. 88° 45' E.	6.00	
161	N. 80° 15' E.	2.50	
162	S. 42° 15' E.	3.50	
163	S. 9° 30' E.	6.50	
164	S. 1° W.	9.00	
165	S. 46° 45' W.	6.00	
166	N. 89° W.	6.50	
167	N. 39° W.	8.50	Meanders of Grand
168	N. 17° W.	10.00	Nemaha River.
169	S. 80° W.	4.00	
170	S. 55° 30' W.	5.50	
171	S. 20° 15' W.	4.50	
172	S. 24° 45' E.	6.50	
173	S. 2° E.	9.50	
174	S. 19° 15' W.	4.00	
175	S. 64° W.	7.00	
176	N. 34° 30' W.	5.00	
177	N. 1° 45' E.	8.00	
178	N. 18° W.	7.00	
179	N. 28° W.	5.00	
180	N. 86° 30' W.	5.50	
		1644.60	
181	S. 37° W.	7.50	
182	S. 5° 30' E.	7.00	
183	S. 20° E.	3.00	

184	S. 48° 30' W.	2.00	
185	S. 33° W.	3.50	
186	S. 67° 15' W.	7.00	
187	S. 42° 15' E.	6.50	
188	S. 19° E.	13.50	
189	S. 64° 15' W.	14.50	
190	S. 42° 15' E.	8.50	
191	S. 20° 30' W.	5.50	
192	S. 39° 30' W.	18.00	
193	N. 64° 30' W.	5.50	
194	N. 34° W.	14.50	
195	N. 75° 30' W.	3.50	
196	S. 19° 45' W.	7.50	
197	S. 40° W.	12.00	Meanders of Great Nemaha River.
198	S. 17° E.	7.50	
199	S. 12° E.	6.50	
200	S. 50° W.	13.00	
201	S. 81° 15' W.	8.50	
202	N. 58° 30' W.	5.50	
203	N. 11° 45' W.	9.00	
204	N. 3° 45' E.	4.50	
205	N. 86° 30' W.	2.50	
206	S. 81° 45' W.	5.00	
207	S. 63° W.	4.00	
208	S. 16° W.	4.00	
209	S. 2° 15' W.	3.50	
210	S. 63° E.	5.00	
211	S. 12° 30' E.	5.00	

212	S. 5° 30' W.	9.50	
213	S. 32° 45' W.	13.50	Meanders of Great
214	N. 88° 30' W.	5.50	Nemaha.
215	N. 51° W.	7.50	
216	N. 73° 30' W.	2.50	
		1,906.10 chains	

To the S. W. corner of Half Breed Lands. (this being a point 10 miles on a direct line from the mouth. Established the S. W. corner of Half Breed Lands as described on pages 19 & 20. → see page 22

See Calculations of Meanders by ---- See page 32
See Recalculation of Meanders by Robert Harvey State Survey

FIELD NOTES

of a Traverse line from the S. W. corner of Half Breed lands Northwardly to the Little Nemaha river.

Station	Course		Distance.	
1	N. 10°	W.	900.00	
2	N. 35°	W.	391.00	
3	S. 55°	W	18.00	
4	N. 35°	W.	426.00	
5	N. 5°	E.	23.50	To the Little Nemaha river at the commencement of Station number 14 of the Field Notes of the meanders of the same.

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FIELD NOTES

of the survey of the meanders of Little Nemaha river from its mouth up on the South bank to a point 10 miles on a straight line.

=======

Set a post on the S. bank of the Little Nemaha river opposite its junction with the Missouri river by the side of which an Elm 10 inches diam. "Marked H. B. L. 30-91/100 miles" and from which a cotton-wood 30 inches diam.

bears N. 0° 30' E. 20 links marked and another 24 inches diam. bears S. 81° N. 30 links blazed and another bears N. 28° 45' E. blazed 16 links and an Elm 15 inches diam bears N. 61° 30' W. 41 links blazed.

Proceeded thence up on S. banks

Station	Course	Chains	Remarks.
1	N. 29° 15' W.	12.00	
2	N. 27° 15' W.	20.00	
3	N. 68° 30' W.	16.00	
4	S. 80° 30' W.	7.00	
5	S. 73° 30' W.	12.00	
6	N. 46° W.	24.00	
7	N. 76° 15' W.	10.00	Meanders of
8	S. 63° 15' W.	17.00	Little Nemaha.
9	N. 47° W.	9.00	
10	N. 33° 30' W.	9.00	
11	N. 78° 30' W.	10.00	
12	S. 43° W.	14.00	
13	N. 86° W.	23.00	
14	N. 53° 15' W.	8.00	
15	N. 38° 15' W.	5.00	
16	N. 15° 15' W.	17.00	
17	N. 61° W.	12.00	
18	N. 10° 30' W.	13.00	
19	N. 62° 30' E.	24.00	
20	N. 46° 30' W.	8.00	
21	N. 79° 30' W.	12.00	

22	S. 86° W.	13.00	
23	S. 27° 15' E.	5.00	
24	S. 15° 30' E.	7.00	
25	N. 70° 45' W.	10.00	
26	N. 81° 30' W.	21.00	
27	N. 51° 30' W.	16.00	
28.	S. 73° 30' W.	13.00	
29	N. 44° 30' W.	7.00	
30	N. 1° 45' W.	12.00	
31	N. 89° W.	7.00	
32	S. 77° W.	11.00	
33	N. 22° 30' W.	18.00	Meanders of Little
34	N. 64° W.	12.00	Nemaha river.
35	S. 67° 45' W.	14.50	
36	S. 83° 15' W.	7.00	
37	N. 63° W.	7.00	
38	S. 71° 30' W.	5.00	
39	N. 31° W.	18.00	
40	N. 85° 15' W.	11.00	
41	N. 11° 45' W.	6.00	
42	N. 12° 30' E.	16.00	
43	S. 84° W.	16.00	
44	N. 50° W.	25.00	
45	S. 2° E.	8.00	
46	S. 69° 15' W.	5.00	
47	N. 51° W.	15.00	
48	S. 72° 45' W	5.00	
49	N. 63° 15' W.	10.00	

50	S. 38° W.	8.00	
51	N. 84° 15' W.	13.00	
52	N. 64° W.	6.00	
53	N. 26° 30' W.	14.00	
54	N. 34° W.	18.00	
55	S. 86° W.	12.00	
56	N. 17° 30' W.	11.00	
57	S. 86° W.	7.00	
58	N. 28° 15' W.	10.00	
59	N. 0° 30' W.	7.00	
60	N. 28° 30' W.	6.00	
61	N. 51° 45' W.	8.00	
62	S. 27° 30' W.	7.00	
63	S. 74° 15' W.	5.00	Meanders of Little
64	N. 55° W.	15.00	Nemaha River.
65	North	30.00	
66	N. 8° 45' W.	6.00	
67	N. 46° 30' E.	10.00	
68	N. 19° 15' W.	6.00	
69	S. 71° W.	7.00	
70	S. 55° 45' W.	5.00	
71	N. 84° 15' W.	19.00	
72	N. 30° W.	13.00	
73	S. 80° W.	20.00	
74	N. 18° 30' W.	9.00	
75	N. 81° 15' W.	7.00	
76	N. 43° 15' W.	7.00	
77	N. 17° 30' W.	7.00	

78	N. 69° W.	6.00	
79	N. 33° W.	16.00	
80	N. 53° 15' W.	6.00	
81	N. 76° 30' W.	10.00	
82	N. 44° 45' W.	6.00	
83	S. 66° W.	12.00	
84	N. 20° W.	19.00	
85	S. 31° W.	10.00	
86	N. 42° 15' W.	13.00	
87	N. 34° E.	5.00	Meanders of Little
88	N. 66° 30' E.	5.00	Nemaha River.
89	N. 13° W.	7.00	
	S. 66° W.	5.00	
90	N. 69° 45' W.	13.00	
91	N. 82° 45' W.	8.00	
92.	N. 32° 15' W.	5.00	
93	N. 10° 45' E.	20.00	
94	N. 64° 30' W.	10.00	
95	N. 56° 30' W.	17.00	
96	N. 15° W.	6.00	
97	N. 74° 30' E.	5.00	
98	N. 15° W.	22.00	
99	N. 54° 59' W.	3.60	

Established the N. W. corner of Half Breed lands by setting a post on the S.W.bank of the creek from which a maple near the waters edge 18 inches diameter bears S. 65° 30' E. 3.27 Chains - marked "H. B. L."

of a line from the N. W. to the S. W. corner of Half Breed lands being the western boundary of the same.

Commenced at the N. W. corner of Half Breed lands and run thence South 33° 30' E. for the purpose of establishing the western boundary of said lands.

Mag. Var. 11° E.

Length of Chain 4 poles.

Course	Distance.	Remarks.
S.33°30' E.	80.00	Proceeded down the creek crossing
	80.00	it several times to
"	35.00	Left it, bearing S. E.
"	40.00	Raised mound flat level fertile prairie for 2 1/2 miles.
"	80.00	Raised mound in same for 3d miles
"	40.00	Raised " " " " 3 1/2 miles
"	80.00	Raised mound for 4th mile
"	40.00	Raised mound for 4 1/2 mile
"	80.00	Raised mound for 5 miles prairie level and wet soil good.
"	14.50	To a creek 1/2 chain wide Co. N.37° E. some scattering cottonwood & elm timber on it.
"	40.00	Raised mound for 5 1/2 miles.

.33°30'E.		Proceeded over high rolling & fertile prairie
"	80.00	Raised mound for 6 miles
"	40.00	Raised do for 6 1/2 miles
"	80.00	Raised mound for the 7th mile
"	10.25	To a small creek 10 links wide co. N.34° 15' E. a small grove just below the line & scattering timber above
"	40.00	Raised mound for 7 1/2 miles
"	80.00	Raised mound for 8 miles
"	40.00	Raised mound for 8 1/2 miles
"	80.00	Raised mound for 9 miles
	40.00	Prairie continues high rolling & fertile Raised mound for 9 1/2 miles
"	80.00	Raised mound for 10 miles
"	35.50	To a small creek 15 links wide co. N. 75° E. some timber on it
"	40.00	Raised mound in brush for 10 1/2 miles.Soil good.
"	80.00	Raised mound for 11 miles
"	40.00	Blazed a small Elm in brush for 11 1/2 miles
"	67.25	To a small creek 15 links wide co. N. 18° E. some scattering timber but not sufficient for settlements.
"	80.00	Set a large rock on the point of a ridge for 12 miles near a thicket of brush.
"	40.00	Raised a mound for 12 1/2 miles
"	80.00	Raised a mound for 13 miles
"	40.00	Raised mound for 13 1/2 miles.

.33°30'E.	80.00	Raised mound for 14 miles
		Prairie continues rolling & fertile,scarcely any timber in view.
"	40.00	Raised mound for 14 1/2 miles
"	80.00	Raised mound for 15 miles,Grove opposite this to Northward.
"	40.00	Raised mound for 15 1/2 miles
"	80.00	Raised mound for 16 miles
"	40.00	Raised mound for 16 1/2 miles
		Gently rolling soil 1st rate.
"	80.00	Raised mound for 17 miles
"	40.00	Raised " for 17 1/2 miles
"	80.00	Raised " for 18 miles
"	60.50	To a small brook 10 links wide co. S. some timber on it
		Prairie continues rolling & soil good.
"	80.00	Raised mound for 19 miles
"	40.00	Raised mound for 19 1/2 miles
"	80.00	Raised mound for 20 miles
	40.00	Raised mound for 20 1/2 miles
"	80.00	Raised mound for 21 miles
"	25.00	Crossed small creek near its source co. S. some scattering timber on it.
"	40.00	Raised mound for 21 1/2 miles
"	80.00	Raised mound for 22 miles
"	40.00	Raised mound for 22 1/2 miles
"	80.00	Raised mound for 23d mile

33°30'E.		
"	40.00	Raised mound for 23 1/2 miles
"	80.00	Raised mound for 24 miles
		Prairie continues high rolling & fertile
"	40.00	Raised mound for 24 1/2 miles
"	80.00	Raised " for 25 miles
"	40.00	Raised " for 25 1/2 miles
"	80.00	Raised " for 26 miles
		High undulating prairie. Soil good
"	5.00	To a grove 37.50 chs. wide
"	40.00	Raised a mound in the grove from which a Black Oak
		15 inches diam. brs. N. 75° W. 25 links marked
		H. B. L. 26 1/2 M." for the 26 1/2 mile
"	80.00	Raised mound for 27 miles
"	40.00	Raised " in hazel thicket for 27 1/2 m.
"	65.25	Crossed a creek near its junction with another
		co. S. 5° W. 15 lks. wide.
"	80.00	Raised mound for 28 miles
"	40.00	Raised mound for 28 1/2 miles
"	80.00	Raised " for 29 miles
		Prairie continues good, & level
"	35.00	To a creek 1 ch. wide co. N. 83° E.
		considerable timber on it.
"	37.50	Blazed a Box Elder tree
"	38.00	Blazed a Locust tree
"	38.25	Blazed an Elm.
"	40.00	Set a post near the

.33° 30' E.		bank of the creek in high undergrowth marked "H.B.L. 29 1/2 M."
		then down the creek crossing it 4 times
"	80.00	Raised mound in wet bottom prairie for 30 miles.
"	30.50	Established the S. W. corner of Half Breed Lands (this being a point on Great Nemaha River 10 miles on a straight line from its mouth) by blazing a hickory 12 inches diam. marked "S.W.Cor. H. B. L.". from which a white hickory 10 inches diam. bears N. 39° W. 28 links marked = and a Black Walnut 15 inches diam. bears N. 84° 30' E. 21 links blazed.

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FIELD NOTES

OF THE SURVEY OF THE

MEANDERS OF THE MISSOURI RIVER,

from the mouth of the Grand Nemaha River (the S. E. corner of Half Breed Lands). up on the S.western bank with its meanders to the Little Nemaha river (the N. E. cor. of said lands)

Magnetic variation 11° E.

Length of Chain 4 poles

Station	Course	Distance	Remarks.
Commencing at the Post on the S.bank of Grand Nemaha R.			
1	N. 35° W.	16.00	
2	N. 22° W.	2.50	
3	N. 30° 15' W.	13.00	
4	N. 23° W.	3.50	
5	N. 26° 45' W.	4.50	
6	N. 27° 30' W.	7.00	
7	N. 22° 15' W.	4.00	Meanders of
8	N. 36° W.	5.00	Missouri River.
9	N. 32° 30' W.	4.00	
10	N. 34° 30' W.	4.00	
11	N. 38° W.	3.00	
12	N. 39° 30' W.	3.50	
13	N. 43° 30' W.	10.50	
14	N. 40° W.	5.00	
15	N. 61° 30' W.	2.00	

16	N. 49° W.	16.00	
17	N. 61° 30' W.	35.00	
18	N. 70° W.	7.00	
19	N. 76° 45' W.	15.00	
20	S. 75° W.	3.00	
21	N. 79° W.	26.00	
22	S. 84° 15' W.	11.00	
23	N. 67° W.	10.00	
24	N. 54° W.	9.00	
25	North	1.00	
26	N. 39° 30' W.	2.50	
27	N. 43° 30' W.	7.50	
28	N. 50° W.	4.00	Meanders of
29	N. 15° W.	3.00	Missouri River.
30	N. 49° W.	14.00	
31	N. 14° 30' E.	3.00	
32	N. 37° 30' W.	3.00	
33	N. 40° 30' W.	14.00	
34	N. 0° 45' W.	9.00	
35	N. 15° E.	5.00	
36	N. 7° W.	18.00	
37	N. 11° E.	11.50	
38	N. 6° E.	3.50	
39	N. 12° 30' W.	4.00	
40	North	24.00	
41	N. 12° 15' E.	34.00	
42	N. 24° 30' E.	20.00	
43	N. 7° W.	31.00	

44	N. 10° E.	4.00	
45	N. 25° 15' W.	4.00	
46	N. 9° E.	18.00	
47	N. 37° E.	29.00	
48	N. 86° E.	2.00	
49	N. 36° 30' E.	22.00	
50	N. 4° 30' E.	14.50	
51	N. 23° 15' E.	2.50	
52	N. 3° 30' E.	65.00	
53	N. 35° 30' W.	20.00	
54	N. 65° 30' W.	28.00	
55	N. 35° 15' W.	10.00	
56	N. 55° 45' W.	52.00	
57	N. 15° 45' W.	6.00	Meanders of
58	N. 40° 30' W.	32.00	Missouri River.
59	N. 38° 15' W.	8.00	
60	N. 44° 45' W.	27.00	
61	N. 14° 30' W.	4.00	
62	N. 32° 15' W.	8.00	
63	N. 16° 30' W.	54.00	
64	N. 7° 30' W.	3.00	
65	N. 19° 30' W.	50.00	
66	N. 20° W.	7.00	
67	N. 25° 30' W.	16.00	
68	N. 27° W.	16.00	
69	N. 32° 30' W.	25.00	
70	N. 31° W.	10.00	
71	N. 30° W.	16.00	

72	N. 11° 45' W.	3.00	
73	N. 35° 30' W.	17.00	
74	N. 70° W.	6.00	
75	N. 44° 30' W.	19.00	
76	N. 56° 45' W.	13.00	
77	N. 40° W.	28.00	
78	N. 44° 45' W.	10.00	Omitted.
79	N. 22° 15' W.	1.00	80 N. 50° W. 4.00
80	N. 53° W.	4.00	81 N. 42° 15' W. 21.00
81	N. 40° W.	4.00	82
82	N. 23° 30' W.	3.00	
83	N. 39° W.	15.00	
84	N. 12° 45' W.	11.00	
85	N. 42° W.	0.50	Meanders of
86	N. 52° W.	3.00	Missouri River.
87	N. 65° 30' W.	2.00	
88	N. 24° W.	10.00	
89	N. 15° 30' E.	6.00	
90	N. 41° 45' E.	16.00	
91	N. 26° 15' E.	11.00	
92	N. 54° 30' E.	1.00	
93	N. 61° 15' E.	5.00	
94	. 56° 45' E.	34.00	
95	N. 21° 30' E.	11.00	
96	N. 13° 15' E.	27.00	
97	N 39° 15' W.	4.00	
98	N. 2° 30' W.	7.00	
99	N. 43° W.	7.00	

103	N. 26° W.	2.00	
104	N. 28° 30' W.	4.00	
105	N. 34° W.	8.00	
106	N. 14° 30' W.	4.00	
107	N. 36° 30' W.	18.00	
108	N. 42° 45' W.	12.00	
109	N. 39° 45' W.	29.00	
110	N. 68° 15' W.	36.00	
111	N. 72° 45' W.	29.00	
112	N. 15° 30' W.	17.00	
113	N. 40° W.	14.00	
114	N. 21° 15' E.	4.00	
115	N. 16° 30' W.	43.00	Meanders of Missouri River.
116	N. 1° 45' E.	7.00	
117	N. 11° 30' W.	5.00	
118	N. 1° 15' E.	20.00	
119	N. 12° 45' E.	24.00	
120	N. 61° 30' E.	5.00	
121	N. 7° 30' E.	2.00	
122	N. 45° 15' E.	1.00	
123	N. 13° E.	5.00	
124	N. 20° 45' E.	3.00	
125	N. 11° 15' E.	7.00	
126	N. 10° E.	4.00	
127	N. 12° 30' W.	2.00	
128	N. 10° W.	60.00	
129	North	11.00	
130	N. 24° 45' E.	7.00	

131	N. 17° 15' W.	29.00	
132	N. 71° 45' W.	4.00	
133	N. 43° 30' W.	1.00	
134	N. 77° W.	10.00	
135	N. 45° 45' W.	22.00	
136	N. 33° 30' W.	20.00	
137	N. 44° W.	17.00	
138	N. 53° 15' W.	2.00	
139	N. 38° 30' W.	11.00	
140	N. 65° 30' W.	2.50	
141	N. 77° W.	2.00	
142	N. 53° W.	5.50	
143	N. 36° 30' W.	9.00	Meanders of
144	N. 5° 30' W.	9.00	Missouri River.
145	N. 75° 15' W.	19.00	
146	N. 84° W.	4.00	
147	S. 49° 45' W.	6.00	
148	N. 86° W.	14.00	
149	S. 73° 30' W.	42.00	
150	S. 84° 45' W.	33.00	
151	N. 84° W.	30.00	
152	N. 70° 45' W.	37.00	
153	N. 60° W.	12.00	
154	S. 67° W.	1.00	
155	N. 64° 45' W.	17.00	
156	N. 46° 15' W.	15.00	
157	N. 55° 15' W.	8.00	
158	N. 46° 45' W.	15.00	

159	N 55° 45' W.	12.00	
160	N. 61° 45' W.	5.00	
161	N. 68° W.	6.00	
162	N. 42° 30' W.	2.00	
163	N. 60° W.	9.00	
164	N. 73° 15' W.	33.00	
165	N. 53° W.	7.00	
166	N. 36° W.	9.00	
167	N. 12° 30' W.	37.00	
168	N. 36° W.	11.00	
169	N. 79° 30' W.	14.00	
170	N. 54° 30' W.	22.00	
171	S. 89° 15' W.	27.00	
172	S. 65° 45' W.	17.00	Meanders of
173	N. 79° 15' W.	16.00	Missouri River.
174	N. 73° W.	20.00	
175	N. 80° W.	11.00	
176	S. 86° W.	2.00	
178	N. 66° 15' W.	10.00	
179	N.41° 15' W.	7.00	
180	N. 55° W.	12.00	
181	N. 50° 30' W.	5.00	
182	N. 60° 30' W.	16.00	
183	N. 71° 15' W.	14.00	
184	N. 81° 45' W.	9.00	
185	N. 78° 45' W.	9.00	
186	S.86° W.	25.00	
187	S. 73° 30' W.	4.00	

188	N. 78° 30' W.	2.00	
189	S. 68° 30' W.	16.00	
190	S. 84° 30' W.	4.50	
191	S. 61° W.	1.50	Meanders of Missouri.
192	S. 87° 30' W.	4.00	
193	N. 66° 15' W.	9.00	
194	N. 55° 45' W.	11.00	
195	N. 46° 30' W.	25.00	
196	N. 55° W.	26.00	
197	N. 34° 30' W.	20.00	
198	N. 25° 45' W.	3.00	
199	N. 65° W.	5.00	To the North East corner of Half Breed Lands as described on pages 11 and 12 of the foregoing.
200	N. 73° W.	8.00	
201	N. 55° 45' W.	5.50	

I certify that the foregoing Field Notes of Half Breed Lands are correct.

Westport Jackson County
Mo. Sept. 17th,1838.

John C. McCoy
Surveyor.

Meandering of the South bank of Great Nemaha River from the S E corner to the S W corner of Half Breed Lands by J. C. Mc Coy. (32) (pg.) 31/32 (32)

			N	S	E	W	
1	S 86° W	3. 50		0. 24		3. 49	+2
2	S 73 15 W	16. 50		4. 55	+20	15. 86	+6
3	S 21 W	11. 50		10. 74		4. 12	−1
4	S 9° 45' W	4. 00		3. 99		0. 68	−4
5	S 7° 45' E	8. 00		7. 93	1. 05		
6	S 5° 45' W	3. 50		3. 48		0. 35	
7	S 36° 30' W	13. 00		10. 45		7. 73	
8	S 2° E	10. 00		9. 99	0. 35		
9	S 22° 30' W	10. 00		9. 24		3. 83	
10	S 28° W	6. 50		5. 74		3. 05	
11	S 10° E	19. 50		19. 20	3. 39		
12	S 13° W	11. 50		11. 21		2. 58	+5
13	S 27° W	16. 00		14. 26		7. 26	
14	S 55° 30' W	18. 50		10. 48	−26	15. 27	+12
15	S 69° 15° W	8. 00		2. 83		7. 48	
16	S 80 W	5. 50		0. 96	+2	5. 42	+1
17	N 80 W	7. 50	1. 30	−1		7. 39	+1
18	N 37° 30' W	1. 00	0. 79			0. 61	
19	N 64° W	3. 50	1. 53			3. 15	
20	N 83° W	3. 00	0. 37			2. 98	
21	N 58° W	2. 50	1. 33			2. 12	
22	N 78 W	10. 00	2. 08			9. 78	
23	S 32° 45 W	10. 50		8. 83		5. 68	
24	S 10° W	36. 50		35. 94		6. 34	
25	S 63° W	29. 50		13. 40		26. 29	
26	S 87° W	17. 50		0. 92		17. 48	
27	N 69° W	28. 00	10. 03			26. 14	
28	N 31 W	5. 00	4. 29			2. 58	
29	N 22 W	23. 50	21. 79	+1	+1	8. 81	
30	N 50° W	7. 00	4. 50			5. 36	
31	N 68 W	11. 50	4. 31			10. 66	
32	S 80° W	3. 50		0. 61		3. 45	+1
33	S 27° W	9. 00		8. 02		4. 09	
34	S 64 15' E	9. 50		4. 13	8. 56		
35	S 27° E	5. 50		4. 90	2. 50		
36	S 40° E	10. 50		8. 04	6. 75		
37	S 7° 30' E	11. 50		11. 41	+1 1. 51		
38	S 43° W	27. 50		20. 12		18. 75	
39	S 89° W	6. 00		0. 10		6. 00	
40	N 56° W	3. 50	1. 96			2. 90	
41	N 39° W	7. 00	5. 44			4. 41	
42	N 5° W	6. 50	6. 48			0. 57	+1
43	N 48° W	12. 50	8. 66	+30		9. 27	
44	N 4° W	5. 50	5. 49			0. 38	
45	N 8° E	22. 50	22. 29		3. 13		
46	N 5° W	4. 00	3. 98			0. 35	
47	N 42° 30' W	4. 50	3. 32			3. 04	
48	N 63° 30' W	2. 00	0. 89			1. 79	
49	S 36° 30' W	1. 50		1. 21		0. 89	
50	S 10° 30' W	2. 50		2. 46		0. 46	
51	S 2° 30' W	16. 50		16. 49		0. 72	+1
52	S 20 W	26. 50		24. 90		9. 06	
53	S 60° W	11. 00		5. 50		9. 53	
54	N 88° 45 W	12. 00	0. 26			12. 00	
55	N 74° W	6. 50	0. 1.72 (18) = 1.61			6. 28 0. 62	= 5.63 (RH)
	=		111. 27	292 22	27,27	300.76	

No 1 S. E. corner of Half-Breed Lands

8.91 / 74 — 15.33 / 44
10.27 / 42 — 3.94 / 18

13.71 / 99 — 3.30 / 2
10.72 / 99 — 2.97 / 77

10.20 / 23 — 14.83 / 91

8.91 / 42 — 5.91 / 47
35.45 / 42 — 6.25 / 9
13.17 / 23 — 25.54 / 45
0.89 / 3 — 16.91 / 50

(No 28 left out)

21.33 / 46 — 5.62 / 19
4.12 / 19 — 10.20 / 46
7.66 / 38 — 6.43 / 32
10.91 / 40 — 1.44 / 3
19.75 / 37 — 18.41 / 34

8.03 / 33 — 5.92 / 27
21.79 / 26 — 3.06 / 7

15.99 / 50 — 0.70 / 2
24.93 / 97 — 2.99 / 17

(No 43 twice)

1.79
1.12
1.61

6.25
.62
5.63

		N	S	E	W		
56 N85 W	11.00	0.96			10.96		
57 S81 W	5.00		0.78		4.94		
58 S79 W	2.00		0.38		1.96		
59 S72°30' W	4.50		1.35		4.29		
60 N77°45' W	2.50	0.78			2.37		
61 N85°45' W	3.50	0.26			3.49		
62 N55° W	5.50	3.16			4.51		
63 N37° W	4.00	3.19			2.41		
64 N17° W	7.00	6.69			2.05		
65 N6°30' E	3.50	3.48		0.40			
66 N6°15 W	2.00	1.99			0.22		
67 N6° W	14.50	14.42			1.51	13.92 50	1.46 6
68 N10°15' E	24.50	24.11		4.36		23.62 49	4.27 2
69 N25°30' E	22.00	19.86		9.47			
70 S77° E	19.00		4.27	18.51			
71 S44°30' E	26.00		18.54	18.22			
72 N39° E	6.50	5.05		4.09			
73 N80°30' E	5.50	0.91		5.43 +1			
74 N48°45 E	12.50	8.24		9.40		7.91 32	7.02 38
75 N21° W	10.50	9.81			3.76	9.79 47	3.58 18
76 N72°30' W	19.00	5.71			18.12		
77 S85° W	12.00		1.05		11.95		
78 N48° W	23.50	15.72			17.46	15.39 83	17.09 37
79 N7°30' W	17.00	16.85			2.22		
80 N89° W	3.00	0.05			3.00		
81 S58° W	8.00		4.24		6.78		
82 N80°30' W	14.50	2.39			14.30	2.31 8	13.81 49
83 S38° W	2.00		1.58		1.23		
84 S34° W	8.50		7.05		4.75		
85 S61° W	10.50		5.09		9.19	4.85 24	8.75 44
86 N54° W	5.50	3.19			4.48		
87 N1° W	12.50	12.34			1.96	11.85 49	1.88 8
88 N4°30' W	16.00	15.95			1.26		
89 N42° E	6.00	4.46		4.01			
90 N15° E	8.50	8.21		2.20		7.73 48	2.07 13
91 N37°30' W	4.50	3.57			2.74		
92 N22° W	4.00	3.71			1.50		
93 N25° W	4.00	3.63			1.69		
94 N17°30' W	6.00	5.72			1.80		
95 N61° W	9.50	4.61			8.31		
96 S28°30' W	4.00		3.52		1.91		
97 S22°15' E	18.00		16.66	6.82			
98 S2° W	3.50		3.50		0.12		
99 S24 W	6.50		5.94		2.64		
100 S6°30' W	6.50		6.46		0.74		
101 S21°30' W	4.50		2.15		3.96		
102 S7° W	4.50		4.47		0.55		
103 S2° E	3.50		3.50	0.12			
104 S40°30' W	7.00		5.32		4.55		
105 S64°30' W	6.50		2.80		5.87		
106 N63°30' W	4.00	1.78			3.58		
107 N74° W	7.00	1.93			6.73		
108 N28°15' W	5.00	4.40			2.37		
109 N1°30' E	14.00	14.00		0.37			
110 N42°30' W	10.00	7.37			6.76		
111 N34°15' W	13.50	11.16			7.60	10.75 41	7.32 28
112 S84° W	6.00		0.63		5.97		
113 S73° W	15.00		4.39		14.34		
114 N75°30' W	5.50	1.38			5.33 +1		
115 N49° W	20.00	13.12			15.09		
116 N23°15' W	14.00	12.86			5.53		
117 N57°45' W	10.50	5.61 +			8.88	5.37 27	8.46 42
118 N71°15' W	14.50	4.66			13.73	+10 4.50 16	13.26 47
	=	287.29	103.67	83.40	271.46		

+1.61 (Revenue R.H.)

contd.

cor Bkf.

3.84 396
2.13 1.317
1.69 — 1.61

		N	S	E	W
					8.41
97 N72°15'W	12.50	9.25			
					4.94
98 N35°30'W	8.50	6.92			
					9.71
99 N46°W	13.50	9.38			
					2.65
100 N9°15'W	16.50	16.28			
101 N24°15'E	6.50	6.06		2.36	
					1.89
102 N39°W	2.00	2.33			
					5.69
103 S24°W	14.00		12.79		
					6.62
104 N71°W	7.00	2.28			
					4.70
105 N36°W	8.00	6.47			
					1.36
106 N6°30'W	12.00	11.92			
107 N42°15'E	13.00	9.62		8.74	
108 N20°45'E	17.00	15.90		6.02	
					7.45
109 N64°15'W	8.50	4.09			
					7.16
110 N72°45'W	7.50	2.22			
					4.99
111 N16°W	5.00	0.35			
					3.39
112 N58°W	4.00	2.12			
113 N2°15'E	16.00	15.99		0.63	
114 N42°15'E	9.00	6.66		6.05	
115 N23°E	8.50	7.82		3.32	
					4.26
116 NWW	4.50	1.47			
					11.96
117 S85°15'W	12.00		0.99		
					0.80
118 S9°15'W	5.00		4.93		
				0.92	
119 S15°15'E	3.50		3.38		
					1.46
120 S13°W	6.50		6.33		
					2.46
121 N80°W	2.50	0.43			
					2.99
122 S85°W	3.00		0.26		
					5.54
123 N38°W	9.00	7.09			
					10.71
124 N36°30'W	18.00	14.47			
					0.58
125 S2°45'W	1.50		1.35		
					0.32
126 S5°15'W	3.50		3.49		
					0.20
127 S9°30'W	2.50		2.49		
					0.17
128 S2°W	5.00		5.00		
					4.69
129 S38°45°W	7.50		5.85		
					6.83
130 S77°15'W	7.00		1.54		
					5.00
131 N89°W	4.50	0.09			
					3.15
132 N39°W	5.00	3.87			
133 N8°E	10.50	10.40		1.46	
					7.22
134 N41°W	11.10	8.30			
					10.09
135 N66°30'W	11.00	4.39			
					4.84
136 S75°15'W	5.00		1.27		
137 S26°15'E	5.00		4.48	2.21	
138 S88°45'E	6.00		0.13	6.00	
139 N80°15'E	2.50	0.42		2.46	
140 S42°15'E	3.50		2.59	2.35	
141 S9°30'E	6.50		6.41	1.07	
					0.16
142 S1°W	9.00		9.00		
					4.37
143 S46°45'W	6.00		4.11		
					6.50
144 N89°W	6.50	0.11			
					5.35
145 N39°W	8.50	6.61			
					2.92
146 N17°W	10.00	9.56			
					3.94
147 S80°W	4.00		0.69		
					4.53
148 S55°30'W	5.50		3.12		
					1.56
149 S20°15'W	4.50		4.22		
150 S24°45'E	6.50		5.90	2.72	
151 S2°E	9.50		9.49	0.33	
					1.32
152 S19°15'W	4.00		3.78		
					6.29
153 S64°W	7.00		3.07		
					2.83
154 N34°30'W	5.00	4.12			
155 N1°45'E	8.00	8.00		0.25	
					2.16
156 N18°W	7.00	6.66			
					2.35
157 N28°W	5.00	4.41			
					5.49
158 N86°30'W	5.50	0.34			
		226.42	106.69	46.89	202.00

8.88 8.07
37 34

9.03 9.35
35 36

18.79 2.57
49 8

1.55
1.26

7.39

9.90 1.32
10 7

50 over

134
12
151

	(35)	N	S	E	W			
			5.99		4.51			
181) S37° W	7.50		6.97	0.67				
182) S5°30' E	7.00		4.70	1.71				
183) S20° E	3.00		1.33		1.50			
184) S48°30' W	2.00		2.14		1.71	+1		
185) S33° W	3.50		2.71		6.46			
186) S67°15' W	7.00		4.81	4.37			12.29 / 47	4.23 / 16
187) S42°15' E	6.50		12.76	4.39			6.05 / 22	12.61 / 45
188) S19° E	13.50		6.30		13.06			
189) S64°15' W	14.50		6.29	5.72				
190) S42°15' E	8.50		5.15		1.93			
191) S20°30' W	5.50		13.69		11.45			
192) S39°30' W	18.00				4.96			
193) N64°30' W	5.50	2.37			8.11		11.81 / 41	7.13 / 25
194) N34° W	14.50	12.02			3.39	+1		
195) N75°30' W	3.50	0.88						
196) S19°45' W	7.50		7.06		2.53	-1		
197) S40° W	12.00		9.19		7.71			
198) S17° E	7.50		7.17	2.19		-1		
199) S12° E	6.50		6.36	1.35				
200) S50° W	13.00		8.36		9.96			
201) S81°15' W	8.00	Should be 850	1.22		7.91			
202) N58°30' W	5.50	2.87			4.69			
203) N17°45' W	9.00	8.81			1.83			
204) N3°45' E	4.50	4.49	0.29			0.29 Should be in E. Dep RH		
205) N86°30' W	2.50	0.15			2.50	+1		
206) S81°45' W	5.00		0.72		4.95			
207) S63° W	4.00		1.82		3.56			
208) S16° W	4.00		3.85		1.10			
209) S2°15' W	3.50		3.50		0.14			
210) S63° E	5.00		2.27	4.45				
211) S12°30' E	5.00		4.88	1.04		104		
212) S5°30' W	9.50		9.46		0.91			
213) S32°45' W	13.50		11.35	-3	7.30	-5	10.93 / 42	1.03 / 67
214) N88°30' W	5.50	0.14			5.50			
215) N51° W	7.50	4.72			5.83			
216) N73°30' W	2.50	0.71			2.40			
		37.16	161.34	25.93	126.10			
pag 1	=	111.27	292.22	27.27	300.76			
pag 2	=	287.29	103.67	83.40	271.46			
pag 3	=	226.42	106.69	46.89	202.00			
		662.14	663.92	183.49	900.32			
	N89°51½' E 716.83	1.78		716.83				
		663.92	663.92	900.32	900.32			

To the SW corner of Half Breed Lands

Making the Closing Course & Distance
= N 89°51½' E. 716.83 chains
or N 89°51½' E. 8 miles 76 chains 83 links

Field Notes

of

The Re-Survey of the West Boundary of Lands Reserved for

Half Breed

Otoes Ioways Omahas Yancton and Santee Bands of the Sioux

Surveyed under instructions from

John Calhoun
Surveyor General of
Kansas & Nebraska, and

Dated October 2d. 1855.

By Justus L. Cozad
Deputy Surveyor

Meanders

22	
67	
69	
34	
92	
16.83 ch	
41	
36	
69	4
25	2
71	18
16.95	

West departure

UNITED STATES OF AMERICA, }
TERRITORY OF Kansas }

I Julien Fitch do solemnly swear that I will well and truly perform the duties of axman or flagman according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me this Fourth day of October day of 1855.

Julien R. Fitch
Thos J. Slocum Justice of the Peace.

UNITED STATES OF AMERICA, }
TERRITORY OF Kansas }

I George W. Brown do solemnly swear that I will well and truly perform the duties of axman or flagman according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me this Fourth day of October 1855.

Thos J. Slocum, Geo. W. Brown
Justice of the Peace.

34

UNITED STATES OF AMERICA.
TERRITORY OF Kansas

I Philip Frey do solemnly swear that I will well and truly perform the duties of Chain carrier Axman or flagman according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me this Fourth day of October day of 1855.

Philip Frey

Thos F Slocum Justice of the Peace.

UNITED STATES OF AMERICA,
TERRITORY OF Kansas

I George F Shorb do solemnly swear that I will well and truly perform the duties of Chainman Axman or flagman according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me this Fourth day of October 1855.

Geo. F. Shorb

Thos F Slocum Justice of the Peace.

16.95

34

UNITED STASTE OF AMERICA,
TERRITORY OF Kansas

I Lewis F Mitchell do solemnly swear that I will execute the duties of chain carrier; that I will level the chain upon uneven ground, and plumb the tally pins whether by sticking or dropping the same; that I will report the true distance to all notable objects; and the true length of all lines that I assist in measuring, to the best of my skill and ability.

Subscribed and sworn to before me this Fourth day of October 1855.

Lewis F Mitchell
Thos J Stevens Justice of the Peace.

UNITED STATES OF AMERICA,
TERRITORY OF Kansas

I Dudley M. Baldwin do solemnly swear that I will execute the duties of chain carrier; that I will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that I will report the true distance to all notable objects, and the true length of all lines that I assist in measuring, to the best of my skill and ability. D. M Baldwin

Subscribed and sworn to before me this 6th day of October 1855.

P. P. Miles Justice of the Peace. for
Atchison Co K. T.

16.95

To John Calhoun Surveyor General of Kansas and Nebraska

Agreeable to your instructions to Re-Survey the West Boundery of Lands Reserved for Half Breed. Otoes Poways Omahas. Yancton and Sanctee Bands of the Sioux. I left Leavenworth City with my party on the 5th of October. I proceeded to the Toway Mission, Reaching there Oct 9 where I hoped to get some information respecting the line we were to run. I did not see Mr D. Vanderslice the indian agent. but I conversed with persons who informed me that Mr Vanderslice had never seen any marks on the line. I there also learned that settlers in the vecin-

16.95

34

Random Lines Run to Ascertain

ity of the Reservation were much interested about the line. that Surveyors had been out trying to find it. but had never found any definite marks on the line. To get the South West corner of the reservation I determined to go to the mouth of the Great Nemaha river and run out to a point ten miles in a straight line from its mouth. As the most expeditious method of doing this. I determined to go to the Mouth of the Great Nemaha and run a line south to the Base Line and then go out on the Base Line the proper distance and run north to the river.

On the 10th inst. I went to the Mouth of the river. I could find no traces of the South East corner of the reservation

The South W. Corner of the Reservation

tion as Established by Mr J. C. McCoy

It is quite probable that the junction of the Nemaha with the Missouri has very much changed within 18 years. On the south side of their junction now is a high bluff rock bank. Opposite the Mouth of the Nemaha is an Island. The channel of the Mo. river at this place is narrow. The main channel being on the other side of the island a mile or more distant. Both the island and the north bank of the Nemaha is covered with cottonwood bushes. From the present junction of the rivers I run a line to the corners of Sections 33 and 34. Range 18 on the Base Line run by Mr Manners I follow a high divide with my line to avoid deep ravines and thickets of brush.

16.95

Random Lines Run to Ascertain

I take the following Bearings and Distances.

1	South	6.40	Chains
2	S 50° W	8.60	"
3	S 60° W	5.47	"
4	South	8.50	"
5	S 22° W	11.00	"
6	S 23° E	10.33	"
7	South	12.61	"
8	S 32° E	17.40	"
9	S 3° W	9.55	"
10	S 22° W	15.74	"
11	S 56° W	5.53	"
12	S 62° W	21.12	"
13	N 87° 45' W	16.50	"
14	S 25 W	23.15	"
15	S 11° W	25.62	"
16	West	4.04	"

By taking the Latitude and Departure of the above lines. I found

The South West Corner of the Reservation

the mouth of the Great Nemaha river to be 152.87 chains North of the Base Line and 6.13 chains East of the corners of Sections 33 & 34 T 1 N R 18 E. Consequently the South W. corner of the Half Breed reservation Land should be about 13 chains west of Rang Line No 16. Oct 11th 56

I then proceed to the place where that Range line crosses the Great Nemaha River. Reaching there Oct 12th 1856 I find that a line Bearing N 33½ W (the course of the West Boundery of the reservation) will not cross any stream whatever in some miles. But I see from the field notes of the Original Survey that the line forming the West boundery of the reservation crosses a creek 1 Chain wide, five times within 75 chains of the Nemaha.

16.95

Random Lines Run to Ascertain

The only stream that it could possibly cross in the manner described in the notes is a stream called the Muddy Creek which is some distance East of Range Line No 16. Very careful examination of both banks of the Nemaha was made for the corner established by Mr McCoy. But no traces of it could be found. Which consumes the 13 & 15 ch. Here then I had nothing to govern me but the crossings of the Muddy creek their distances from the Nemaha and some blazed trees which might be found on the Muddy. I then went to work to ascertain if a line with the proper bearing could cross the Muddy creek as the original field notes call for. I found that such a line could be run. I run a number of lines to

The South West Corner of the Reservation

see if more than one such line could be run & found there could be but one. I found a short distance from this line a Locust tree with axe marks visable in the bark. On chipping into the tree I found that they were made 17 or 18 years ago. On one side of this tree stood an Elm distant 25 links and a box Elder distant 50 links as described in the notes. The position of these trees with reference to the crossings of the Muddy creek was correct. Which established beyond a doubt that they should be regarded as the line. To make the distance to the Nemaha correct however the Bearing of the line has to be changed 2° degrees. From these trees I run a random line N 33½° W

Variation 11° 5' East

Random Lines Run to Assertain

I proceed on this line to the 27th mile post of the Origional field notes. I found that this line run to far East. It running East of a grove some 4 miles from the Great Nemaha. And crossing a stream south of it too far from its junction with another. I then offset so as to run through the grove and give the proper distances on the line between the grove, the creek, and the Great Nemaha River. Which changes the course from N 33½° West to N 45¾° West. From this place, the 27th mile post of the Origional field notes, I run a random line with a bearing of N 33½° West to the Little Nemaha Variation 11°15' East

At the distance of 30 miles 30.50

The North West Corner of the Reservation

chains from the Great Nemaha I found my random line to be 4.86 chains west of the Little Nemaha. A line run from this point on the Little Nemaha to the 27th mile post, (run from) will give several crossings of the Little Nemaha and cross other streams mentioned in the old field notes very nearly as the notes call for, From which we conclude that this may be relied on as the true Line run by Mr McCoy. There is within 3 or 4 chains of the point on the Little Nemaha taken as the corner in a South Easterly direction from it some maple trees, but we could discover no, ax marks on them.

I take this place as the true corner

October 22. 1855

Seven days from the 15th to the 22d of October were consumed in running these random lines

34

True West Boundery of

Set a Maple post on the S. W. bank of the little Nemaha on the true line 2.50 chains from the true corner. Then proceeded back on the true Line setting stakes every half mile. Our stakes are from 4 ft to 5 ft high 2 to 4 inches in Diameter Blazed on two sides. And Marked with red chalk H. B. L. on the N. W. side. And driven firmly into the Ground. Are all green timber.

Bearing of True Line S 33°22' E

Variation 11°15' East

40 Set a Cottonwood in bend of river for one half mile post

80 Set a Black Walnut in bottom land near river for 1 mile post.

40 Set a Cottonwood in bottom land near river. for 1½ mile post.

Half Breed Reservation

Variation 11°15' East

Bearing S 33°22' E

80 Set an Elm in Bottom Land for 2 mile post. River bearing off a little Line crossing it several times in past 2 miles

40 Set a Maple stake in wet bottom land for 2½ mile post. River nearly half mile distant

80 Set a Maple stake in wet bottom land for 3 mile post

40 Set a Cottonwood for 3½ mile post near foot of ridge

80 Set an Ash stake for 4 mile post in wet prairie River 1 mile distant

40 Set a Hickory for 4½ mile post in wet prairie near foot of ridge

80 Set a Hickory for 5 mile post in wet prairie for near foot of ridge

16.95

True West Boundery of Half Breed Reservation

Variation 11° 15' East

Bearing S 33° 22' E

40 Set a Dry Cotten wood on high prairie side hill facing West for 5½ mile post Oct 23d 1856

31.89 Intersected the first parallel 648 chains west of the Closing township Corner

43.75 Intersected Range Line No 14 9.93 chains south of the 1st parallel

80 Set a Hickory in a valley for 6 mile post. High rolling prairie

40 Set a Cotten wood on side hill facing the North for 6½ mile post River 2 miles to the left

80 Set a Cotten wood in bottom land for 7 mile post

9. Crossed a Creek 8 links wide Bears North. Some timber on it

40. Set a Cotten wood in wet bottom land for 7½ mile post

80 Set a Cotten wood in a wet bottom for 8 mile post

40 Set an Oak for 8½ mile post on side hill facing the East.

80 Set a Cotten wood on side hill sloping to the East for 9 mile post

40 Set a Cotten wood on side hill facing West near top. for 9½ mile post

80 Set a Cotten wood for 10 mile post on side hill sloping to the South

40 Set a Cotten wood on side hill near top for 10½ mile post.

80 Set a Cotten wood near foot of side hill facing East for 11 mile post.

40 Set a Cotten wood on side hill facing East for 11½ mile post.

80 Set a hickory on a ridge near thicket of brush for 12 mile post

40 Set a Cotten wood near top of hill for 12½ mile post.

16.95

True West Boundary of

Variation 11° 15' East

Bearing S 33° 22' E

46.20 Intersected Line between Townships 3 & 4 N. Range 15 East 13.12 chains West of the corners of Sections 34 & 35

80 Set a Cotten wood for 13 Mile post on top of ridge

40 Set a Cotten wood near top of side hill sloping to the South for 13½ Mile.

80 Set a Cotten wood on top of ridge for 14 mile post.

40 Set a Cotten wood in a little valley for 14½ mile post

80 Set a Cotten wood for 15 mile post on side hill facing East

40 Set a Cotten wood on side hill facing North E. for 15½ Mile post

80 Set a Cotten wood on side hill sloping East for 16 mile post

October 24th 1855

Half Breed Reservation

Variation 11° 15' East

Bearing S 33° 22' E

40 Set a Cotten wood on side hill sloping to the South for 16½ m.p

47.07 Intersected Range line No 15 in Township No 3 North 50.66 chains north of the Corners of Sections 24 & 25

80 Set a Cotten wood on side hill sloping to the East for 17 mile post.

40 Set a Cottenwood on side hill sloping to the West for 17½ mile post

80 Set a Cotten wood on side hill facing the East for 18 mile post.

40 Set a Cotten wood on side hill sloping to the South for 18½ mile post

80 Set a Cotten wood near spring run for 19 mile post

40 Set a Cotten wood on side hill facing the north for 19½ mile post

16.95

34

True West Boundary of
Variation 11° 15' East
Bearing S 33° 22' East

58,30 Intersected township line between T2 & 3 N R 16 E 19,73 chains west
corner of
of sections 32, 33, 4 & 5

80 Set a Cotton wood in a valley for 20 mile post

40 Set a Cotton wood on side hill facing North for 20½ mile post

80 Set a Cotton wood on side hill facing East for 21 mile post

40 Set a Hickory stake on side hill sloping N.W. for 21½ mile post

80 Set an Oak stake on side hill sloping to the north for 22 mile post

40 Set a Chery stake in a valley for 22½ mile post

80 Set a Cottonwood near top of hill for 23 mile post

Half Breed Reservation

40 Set an Elm stake on top of hill for 23½ mile post

80 Set a Cottonwood, on side hill facing the ~~the~~ East for 24 mile post

40 Set a Hickory near the bottom of a hill for 24½ mile post

80 Set an Oak stake on side hill sloping to the E. for 25 mile post

40 Set a hickory on the top of a hill in plowed land for 25½ mile post

80 Set a willow in wet swine for 26 mile post

5. Enter grove

40 Set a Willow post in grove for 26½ mile post

41 Leave grove.

78,72 Intersect Township line between Towns 1 & 2 N R 16 E 21,24 chains west of Township Corner

16.95

True West Boundery of Half Breed Reservation

28.66 Intersected Range Line No 16 in Township 1 N 21.07 chains south of town corner

80 Set a Willow on side hill sloping to the south for 27 mile post. Oct 25th At this post I find it necessary as before described to change the Bearing of the line from S 33°22' E to S 45°45' E to run near some trees taken to be the line, which stand at 29 miles 38 chains from the N.W. corner of the reservation on the Little Nemaha

At 65.25 Crossed a Creek (Called Little Half Breed) near its junction with another. Running nearly south.

29 miles 32 chains to the Muddy Creek
" 38 " to a Locust tree blazed
" 38.25 " to an Elm tree

29 miles 40 Chains set a ~~[illegible]~~ ~~st~~ Hickory stake near the bank of the Creek for 29½ mile post

From here to the Great Nemaha the Bearing of the line to make the distance as the old notes call for must be S 35°30' E.

The line crosses the creek 4 times in the next half mile as the old notes call for.

29 miles 28.50 Chains set a stake on top of bank of the Great Nemaha River

30 miles 30.50 chains to the waters edge

Oct 26th 1855

16.95

A list of the names of the individuals employed to assist in running measuring or marking the lines and corners described in the foregoing field notes of the West Boundary of the Half Breed Reservation. Lying between the two Nemaha Rivers in Nebraska Territory. Showing the respective Capacities in which they acted

Dudley M. Baldwin	Chainman
Lewis F. Mitchell	Chainman
Geo. W. Brown	Flagman
J. R. Fitch	Flagman
Geo. F. Shorb	Axman
Philip Frey	Teamster & Cook

We hereby certify that we assisted Justus L. Cozad Deputy Surveyor in surveying the Western Boundary of the Half Breed Lands Lying between the two Nemaha Rivers. and 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 according to the instructions furnished by the Surveyor General We also certify that in surveying said line. we have faithfully labored the number of days set forth in the following account

Dudley M. Baldwin. Chainman
Lewis F. Mitchell Chainman
Geo W. Brown Flagman
Julien R Fitch Flagman
Geo. F. Shorb Axman
Philip Frey Teamster and Cook

Subscribed and Sworn to by the above named persons, before me a Justice of the Peace for the County of Richison in the Territory of Nebraska, this 27 of October 1855 John C Miller J.P.

Justice of the Peace

I, Justus L. Cozad deputy Surveyor do solemnly swear that in pursuance of a contract with John Calhoun surveyor of public lands of the United States. In the Territory of Nebraska Bearing date the 2nd day of October 1855 And in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General. I have faithfully surveyed the western Boundary of the Half Breed Lands, Lying between the two Nemaha Rivers in the Territory of Nebraska. And do further solemnly swear that the foregoing are the true and original field notes of such survey And do also solemnly swear that I have faithfully labored in performing said survey the number of days set forth

Over

34

in the following account

Justus L. Cozad

Subscribed by said Justus L. Cozad deputy surveyor, and sworn to before me a Justice of the Peace for the County of Richison in the Territory of Nebrask this twenty one day of October 1855

John C. Miller
Justice of the Peace

The United States of America

To Justus L. Cozad Dr

For Re-surveying the Western Boundery of the Half Breed Lands lying between the two Nemaha Rivers in the Territory of Nebraska

For Services of Self	23 days	@ $7 per diem	$161.00
" " " Philip Frey	23 days	@ $1.75 per diem	40.25
" " " Geo F. Shurb	22 "	@ $1.75 " "	38.50
" " " Geo W Brown	21 "	@ $1.50 " "	31.50
" " " Lewis Mitchell	21 "	@ $1.50 " "	31.50
" " " J. K. Fitch	21 "	@ $1.50 " "	31.50
" " " D. M. Baldwin	20 "	@ $1.50 " "	30.00
" " One Team	22 "	@ $2.00 "	44.00
			$408.25

Archey Nebraska T.
Oct 27th 1856

16.95

34

Surveyor's Office at Wyandotte K.T.
July 29th 1856.

The forgoing field notes of the the Re-survey of the west boundary of lands reserved for Half Breed Otoes, Ioways, Omahas Yanctow and Sanctee bands of Sioux Indians, in the Territory of Nebraska, executed by Justus L. Lozad under instructions from the Surveyor General of the 2nd day of October 1855. having been critically examined, the necessary corrections and explanations made, the said field notes and the survey they describe are hereby approved

J. Calhoun
Surveyor General

16.95

34

62

63

22	
67	
69	
34	
92	1

16.83

41	2
36	8
69	46
25	26
71	183

16.95

Western Boundary of the
Half Breed Reservation in
Nebraska Territory.

Surveyed by
Wm. H. Goodwin, Dep. Surveyor
Under instructions bearing date the
31st day of October 1856.

Survey commenced Dec. 30. 1856.
Survey finished October 20. 1857.

Exp. & Corrected Oct. 31st 1857

Names and duties of assistants
Alfred L. Dana, Chainman.
Wm W. Hall, Chainman.
Isaac Fletcher, flagman.
John Harkindoff, flagman.
October 20. 1857

Names and duties of assistants
in the winter of 1857.
John P. Graves, Chainman.
Israel F. Pearce, Chainman.
Wm W. Hall, flagman.
William M. Elliott flagman.

Boundary of Half Breed Reserve - Neb. Terry.

Hon. John Calhoun
Surveyor General.

Sir;

I have corrected the error made by me last Winter in establishing the Western Boundary of the Half Breed Reservation in Nebraska Territory.

You will find the Field Notes much changed by the correction as will appear in the following pages.

The Survey is made in obedience to your instructions dated 31st October 1856, With the view of fixing a point ten miles up the Little Nemaha River, I began at its mouth 30th Dec. 1856 and ran N. 4°45' W. 67.00 chains, thence N. 38°50' W. 147.81 chains, thence

Boundary Half Breed Reserve—Neb. Ter.

N. 89°30' W. 28.30 Chains, thence
N. 85°45' W. 3.99 Chains, thence
West 360.76 Chains, thence
N. 30°30' W. 245.35 Chains, thence
N. 48° W. 61.00 Chains, thence
North 7.50 Chains, thence
N. 56°30' W. 3.50 Chains, thence
N. 32° E. 11.00 Chains, thence
N. 22° W. 0.87 Chains to a point in the main channel of the Little Nemaha River which is ten miles in a direct line from its mouth—from which point a Cottonwood tree 22 inches in diameter bears N. 79° W. 51 links distant. An Elm tree 5 inches in diameter bears S. 34° E. 174 links distant. I set a Maple post, marked H.B.L, S. 34° E. 2.00 Chains distant for Witness corner.

January 10. 1857.

Boundary Half Breed Reserve—Neb. Ter'y.

I then went to the Big Nemaha & Began at its mouth & ran

January 14. 1857.

N. 89°15' W. 87.30 Chains, thence
N. 42°30' W. 51.50 Chains, thence
N. 71° W. 147.50 Chains, thence
N. 89°15' W. 49.54 Chains, thence
North 75.00 Chains, thence
West 483.62 Chains, thence
South 82.32 Chains, thence
S. 25° W. 97.00 Chains, thence

January 16. 1857.

East 35.92 Chains, thence
South 11.50 Chains to a point on the North bank of the Big Nemaha River which is ten miles in a direct line from its mouth, where I set an Elm post marked H.B.L., from which a Maple tree 12 inches in diameter bears S. 40° E. 11 links distant. An Ash tree 12 inches in

diameter bears N. 2½° E. 19 links distant.

October 9. 1857

From the point fixed as above shown ten miles from the mouth of the Big Nemaha I ran

N. 28°20' W. on a random line (setting temporary stakes occasionally for convenience in connecting the same)

3 miles and 46.00 chains Road from Archer to Fall City bearing N.E. & S.W.

3 miles 79.50 chains entered cultivated field bearing E. & W.

4 miles 15.00 chains left field bearing North & South.

4 miles 24.50 chains Road from Archer to Salem bearing E. & W.

6 miles 48.00 chains Muddy Creek fifteen links wide, running East.

October 10. 1857.

" 7 miles 39.50 chains entered field

N. 28°20' W. bearing North West. & S.E.

7 miles 55.50 chains left field bearing S.W. & N.E. and entered timber bearing N.E. & S.W.

7 miles 64.00 chains Stream six links wide, running West.

7 miles 70.00 chains left timber bearing E. & W.

9 miles 59.00 chains entered timber bearing E. & W.

9 miles 63.00 chains Stream 5 lks wide running S.W. Left timber at stream bearing N.E. & S.W.

14 miles 78.00 chains set temporary stake. October 12. 1857

24 miles 20.00 chains set temporary stake

October 13. 1857.

" 29 miles 23.36 chains to a point 5.60 chains West of the point which I had fixed ten miles from the mouth of the Little Nemaha. I then began at the ten mile point on the Little Nemaha and ran

16.95

Boundary Half Breed Reserve - Neb. Ter'y.

S. 28°13' E. on the true line 13.15 chains intersected the Eastern boundary of section fifteen 19.62 chains South of the quarter section corner between Sect. 14 & 15 on the right bank of the Nemaha. 11.80 chains to Nemaha on this course - 60 links wide, runs S.W.E. I set a limestone marked H.B.L. 15 inches long, 12 inches wide & 3 inches thick where I intersected the boundary of section fifteen, thence on true line 22.95 chains intersected the South boundary of section fourteen 10.97 chains East of the corner to sections 14, 15, 22 & 23, and set a limestone 18 inches long, 12 inches wide & 3 inches thick, marked H.B.L., thence on the true line 91.04 chains intersected the South boundary of section twenty three 14.49 chains East of the quarter section corner between Sect. 23 & 26. & set a limestone 16 inches long, 12

Boundary Half Breed Reserve - Neb. Ter'y.

S. 28°13' E. inches wide & 4½ inches thick, thence on the true line 54.02 chains intersected the Western boundary of section twenty-five 7.48 chains South of the quarter section corner between Sect. 25 & 26 & set a limestone 25 inches long, 12 inches wide & 3 inches thick. Oct. 14. 1857

thence 37.12 chains intersected the South boundary of section twenty five 23.01 chains West of the quarter section corner between Sect. 25 & 36. & set a limestone 23 inches long, 12 inches wide & 2½ inches thick, thence 90.98 chains intersected the First Standard Parallel 8.31 chains West of the corner to Township No. 4 North of Ranges No. 14 & 15 E. or 19.92 chains West of the corner to Townships No. 5 North of Ranges No. 14 & 15 East & set a limestone 17 inches long, 12 inches wide & 4 inches thick, thence 17.53 chains intersected the

Boundary Half Breed Reserve - Neb. Ter'y

S. 28°13' E. Western boundary of section six 15.32 chains South of the section corner & set a limestone 22 inches long, 11 inches wide & 2½ inches thick, thence 75.65 chains intersected the South boundary of section six 72 links west of the quarter section corner & set a limestone 18 inches long, 9 inches wide & 4 inches thick, thence 85.74 chains intersected the Western boundary of section eight 5.30 chains North of the section corner & set a limestone 18 inches long, 13 inches wide & 3 inches thick, thence 6.06 chains intersected the South-ern boundary of section eight 2.70 chains East of the section corner & set a limestone 26 inches long, 11 inches wide & 2 inches thick,

Oct. 15. 1857 —

" thence 90.46 chains intersected

Boundary Half Breed Reserve - Neb. Ter'y.

S. 28°13' E. the Southern boundary of section seventeen 5.40 chains East of the quarter section ~~section~~ corner & set a limestone 18 inches long, 13 inches wide & 3 inches thick, thence 73.69 chains intersected the Western boundary of section twenty one 15.34 chains North of the section corner & set a limestone 12 inches long, 10 inches wide & 5 inches thick, thence 17.56 chains intersected the South boundary of section twenty one 8.33 chains East of the section corner & set a limestone 18 inches long 9 inches wide & 4½ inches thick, thence 89.82 chains intersected the South boundary of section twenty eight 11.15 chains East of the quarter section corner & set a limestone 16 inches long, 12 inches wide & 4 inches thick, thence 60.24 chains intersected the Western

" boundary of section thirty four 13.12

16.95

(12)
76

Boundary Half Breed Reserve Neb. Ter'y

S. 28°13' E. chains south of the quarter section corner & set a limestone 16 inches long, 12 inches wide & 3 inches thick, thence 31.54 chains intersected the South boundary of section thirty four 14.32 chains East of the section corner & set a limestone 18 inches long, 10 inches wide & 4 inches thick,

Oct. 16. 1857—

thence 94.29 chains intersected the south boundary of section three 16.78 chains East of the quarter section corner & set a limestone 30 inches long, 10 inches wide & 4 inches thick, thence 49.32 chains intersected the Western boundary of section Eleven 3.00 chains South of the quarter section corner & set a limestone 14 inches long, 13 inches wide & 5 inches thick, thence 42.27 chains intersected the South boundary of section

(13)
75

Boundary Half Breed Reserve - Neb. Ter'y,

S. 28°13' E. Eleven 19.69 chains East of the section corner & set a limestone 16 inches long, 13 inches wide & 5 inches thick, thence 90.83 chains intersected the South boundary of section fourteen 22.44 chains East of the quarter section corner & set a limestone 15 inches long, 12 inches wide & 3 inches thick, thence 37.67 chains intersected the Western boundary of section twenty four 6.87 chains North of the quarter section corner & set a limestone 16 inches long, 12 inches wide & 4 inches thick, thence 53.26 chains intersected the South boundary of section twenty four 14.28 chains West of the quarter section corner & set a limestone 15 inches long, 12 inches wide & 3 inches thick, thence 90.90 chains intersected the south boundary of section twenty five 11.86 chains West of

Boundary Half Breed Reserve - Neb. Terry

S. 28°13' E. the section corner & set a limestone 14 inches long, 11 inches wide & 3½ inches thick, thence 25.08 chains intersected the Western boundary of section thirty one 21.97 chains South of the section corner & set a limestone 14 inches long, 14 inches wide & 4 inches thick;

Oct. 17, 1857 —

thence 66.31 chains intersected the South boundary of section thirty one 4.85 chains West of the quarter section corner & set a limestone 18 inches long, 12 inches wide & 3 inches thick, thence 92.08 chains intersected the South boundary of section six 2.80 chains West of the section corner & set a limestone 18 inches long, 12 inches wide & 3 inches thick, thence 5.98 chains intersected the Western boundary of section eight

Boundary Half Breed Reserve - Neb. Terry.

S. 28°13' E. 5.29 chains South of the section corner & set a limestone 16 inches long, 12 inches wide & 3 inches thick, thence 85.68 chains intersected the South boundary of section eight 45 links West of the quarter section corner & set a limestone 14 inches long, 12 inches wide & 4 inches thick, thence 86.51 chains intersected the Western boundary of section sixteen 4.56 chains North of the section corner & set a limestone 20 inches long, 14 inches wide & 3 inches thick, thence 5.17 chains intersected the South boundary of section sixteen 2.44 chains East of the section corner & set a limestone 18 inches long, 12 inches wide & 3 inches thick, thence 91.46 chains intersected the South boundary of section twenty one 5.27 chains East of the quarter section corner

16.95

Boundary Half Breed Reserve.—Neb. Terry.

S.28°13' E. and set a limestone 16 inches long, 13 inches wide & 3 inches thick, thence 73.85 chains intersected the western boundary of section twenty seven 15.49 chains North of the section corner & set a limestone 15 inches long, 13 inches wide & 5 inches thick, thence 17.67 chains intersected the south boundary of section twenty seven 8.40 chains East of the section corner & set a limestone 14 inches long, 10 inches wide & 6 inches thick, thence 91.48 chains intersected the south boundary of section thirty four 11.49 chains East of the quarter section corner & set a limestone 24 inches long 10 inches wide & 6 inches thick,

Oct. 19. 1857—

thence 62.08 chains intersected

" the western boundary of section

Boundary Half Breed Reserve—Neb. Terry.

S.28°13' E. two 15.65 chains South of the quarter section corner & set a limestone 20 inches long, 12 inches wide and 3 inches thick, thence 29.21 chains intersected the South boundary of section two 13.75 chains East of the section corner & set a limestone 16 inches long, 10 inches wide & 3 inches thick, thence 90.89 chains intersected the South boundary of section Eleven 16.05 chains East of the quarter section corner & set a limestone 24 inches long, 13 inches wide & 3 inches thick, thence 51.26 intersected the Western boundary of section thirteen 5.27 chains South of the quarter section corner & set a limestone 14 inches long, 12 inches wide & 3 inches thick, thence 39.37 chains intersected the South boundary of section thirteen 18.27 chains

"

Boundary Half Breed Reserve.- Neb. Ter'y.

S. 28°13' E. East of the section corner & set a limestone 14 inches long, 12 inches wide & 3 inches thick, thence 90.80 chains intersected the Southern boundary of section twenty four 16.51 chains West of the section corner & set a limestone 14 inches long, 10 inches wide & 4 inches thick, thence 25.39 chains to the place of beginning on the Big Nemaha River.

Remarks.

All stone planted on the Boundary are marked 'H. B. L.'

The survey made last Winter was begun December 30, 1856, and finished February 26. 1857. The error which occurred in that survey was corrected in October 1857. Began to correct Oct. 9th & finished Oct. 20. 1857.

Boundary Half Breed Reserve - Neb. Ter'y.

Names & duties of assistants engaged in correcting the survey of the Western Boundary of the Half Breed Reservation.

Alfred L. Dana, Chainman.
Wm. W. Hall, Chainman.
Isaac Fletcher, flagman.
John Harkindoff, flagman.

Wm. H. Godwin, Dep. Surveyor.

4 - 7
3
5
15
58
120
75
870

31
26
58

31
26
11
69

Dc 30 56 to
Feb 26 57
Oct 9. 57
" 20 "

16.95

Surveyor Generals Office
Lecompton K.T. 28 Jan 1858

The foregoing transcript of the field notes of the survey of the Western Boundary of the Half Breed Reservation in Nebraska Territory between the two Nemahas executed by William H Godwin D.S. under instructions bearing date the 31st day of October 1856 during the months of December 1856 January February and October 1857 having been critically examined the necessary corrections and explanations being made the said field notes and the surveys they describe are hereby approved

J Leach
Surr Genl

16.95

Reestablishment

of the

Western Boundary of the Half Breed Reservation Nebraska Ter

By

Alexander Oliphant D.S

Contract 254

July 17. 1858

I. Octavius Wall do solemnly swear that I will well and truly perform the duties of Chaus-man according to the instructions given me and to the best of my skill and ability

~~Sworn to and subscribed before me~~

~~an acting Justice of the Peace~~

Octavius Wall

Subscribed and Sworn to before Me Jas B Maynard a Justice of the Peace of Donighan County Kansas Territory on this 18th day of Sept. A D 1855

Jas B Maynard
J.P.

645.71
16.95

I Stephen C. Trigg do solemnly swear that I will well and truly perform the duties of Axeman and Marker according to the instructions given me and to the best of my skill and ability

Stephen, C, Trigg.

Subscribed and Sworn to before me Sal B Maynard a Justice of the Peace of Donighan County Kansas Territory, on this 18th Day of Sept. A.D. 1858

Sal B Maynard
J.P.

Field Notes of the resurvey of West Boundary of the Half-breed Indian reservation between the Two Nemahas Rivers ~~in Nebraska Territory surveyed~~ by Alex^r Oliphant Deputy Surveyor under his contract No. 254 dated July 17th 1858

Compd by Crow & Avery. Oct 28th 1858

Names and duties of
Assistants
Charles Thomson Chainman
A^w. Jackson Thomson Chainman
Octavius Walt Flagsman
Stephen Trigg — Marker
O J Berg Compassman

We, Charles Thomson and Andrew J. Thompson, swear solemnly, that we will faithfully execute the duties of chaincarriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability

Charles Thomson
Andrew J. Thompson.

Subscribed and Sworn to before Me Jas B Maynard a Justice of the Peace of Donighan County Kansas Territory on ~~the~~ 18th Day of Sept A D 1858

Jas B Maynard
J. P.

645.71
16.95

I, Orlando J. Berry, do solemnly swear that I will well and truly perform the duties of Compassman Chainman or Axeman according to the instructions given me and to the best of my skill and ability

Orlando J Berry

Sworn to and Subscribed Before me ~~XXX~~ the 18 day of September 1858 at Brownville Nemaha County Nebraska Territory

R. G. Whitney
Judge of Probate

662.66
645.71
16.95

Q45

West boundary
of
Half Breed Reserve

662.66
645.71
16.95

Q45 7

Lands

West Boundary of Half Breed

Survey began on Thursday Septr 23^d ~~24~~ 1858 at the Quarter-section corner to sections 16 and 17 of Township 1 North and Range 17 East in N^a Ter^y ~~thence~~

Thence North with line of sections 16 and 17

Variation 11° 23' E

6.47 chains, set a post on said line of sections 16 and 17 for the intersection of the Western Boundary of the Ottoe half Breed lands therewith from which

A Walnut 20 in: di: bears N 70° W 16 lks dist

A Wal^t 40 in: di: bears S 25° W 65 lks dist

From the Corner to sections 8. 9 16 and 17

West on a Random line between sections 8 and 17

Variation 11° 23' E

23.62 chs: set a temporary post
24.00 Muddy Creek 50 links wide
gentle current runs S E
39.90 to a point 35 lks South of
1/4 section corner to sections 8 & 17
From which corner I run
East on a true line between
said sections at a
Variation of 10° " 55' E
16.35 set a post from which
a Locust 10 in: di: bears S 50 W 4 lks dist
a hickory 9 in: di: bears N 25 W 75 lks
for the points of intersection of
the Half breed line therewith
Thence S 35° 32' E
Variation 11° 06' E
1.50 Muddy Creek 52 lks wide
runs S S E
4.50 leave timber enter prairie
course S S E

22.00 A Road runs E. S. E.
37.00 leave prairie enter Timber Course E
40.78 the ~~Corner~~ post at the intersection
of the line of sections 16 and
17 with the Half Breed line
Thence continued Course of
S 35° " 32' E
Variation 11° " 06' E
3.00 chains set post on left bank
of the Big Nemaha River
from which
A Sycamore 14 in: di: bears N 55° W 52 lks
A Maple 20 in: di: S 18° W 48 lks
for the terminus of said Otto
half breed line

Sept 23 ~~21~~ 1858

662.
645.7
16.95

From the point of intersection of the Western boundary of the Otoe half breed line with that of Sections 8 and 17
N 35° 32' W thro' Section 8
Variation 11° 06' E

14.20 Muddy Creek 50 lks wide runs S 5 W

15.60 Same creek 50 lks wide runs E 5 E

24.00 Same creek 50 lks wide runs W. 5. W.

25.40 (the point where according to instructions the Indian line changes its Bearing) set a post on the right bank of Muddy Creek from which an Elm 24 in: diam: bears N 52½ E 28 lks
an Elm 12 in: diam: bears N 56 W 35 lks
Land level soil just rich
Timber Elm Walnut Hickory
Undergrowth same & Vines

Thence N 45° 30' W
Variation 11° 36' E

8.50 Muddy Creek 60 lks wide runs S W

10.00 into prairie course E. S. E

59. to a point 20 links to the right of the original post, and mound at the intersection of the line of Sections 7 and 8 here the post is still standing enlarge the mound to the size as per instructions
Surface rolling soil just rich

From the point of intersection of the Half Breed line with that of Sections 7 and 8
N 45° 30' W thro' Sec. 7
Variation 11° 36' E

26.13 intersected the line of Sections 6 and 7 at the old corner thence

removed stump of post drove
charred stake set post and
raised mound with trench
as per instructions
Surface rolling soil 1st rate

N 45° 30' W Thro' Sec. 6
Variation 11° 30' E
41.00 set limping post Sept. 24th (24)
48.00 Enter timber course N N W
49.00 Half Breed Branch 8 links
wide runs S S E
53.00 same branch 8 links wide runs E
55.00 same branch 8 links wide runs S S E
60.00 enter prairie course S S E
84.29 to a point 24 lks E of the old
Corner of Half breed Line on
the west boundary of section 6
Line of Ranges 16 & 17 E
remove cut off post drove

a charred stake ~~and raise~~
set post and raised a
mound with trench as
per instructions
Surface rolling soil first rate

N 45° 30' W Through Section 1
Township 1 N — Range 16 E
Variation 11° 36' E
30.40 to a point 11 lks to the right
of the old corner made at
the intersection of the Indian
line with the south boundary
of section 36 — (line of Tps
1 and 2 in Range 16 E
Remove the old cut down post
drove a charred stake set
post and raised a mound
with trench as per instructions
in its original situation
Surface rolling soil first rate

662.66
645.71
16.95

From the original corner of the half breed Indian line at its intersection with the South Boundary of Section 36. Town^a 2 of Range 16 E

N 33° 30' W thro' Section 36

Variation 12° — E

along the N E boundary of the Town site of Archer

96.26 the old Corner on the line of Section 25 and 36 a point 5.22 chs East of the Corner to sections 25. 26. 35 and 36 remove the cut off post and thereat deposit a limestone 8 in long 4 in: wide & 2 in thick marked with a cross set post and raised a mound with brush as per instructions

Soil first rate Surface rolling

N 33° 30' W thro Sa^n 25

Variation 12° 00 E

9.54 The original intersecting point of Half Breed line with that of sections 25 and 26 which is 7.90 chs North of the Corner to sections 25. 26; 35 & 36 deposit a limestone (with a cross mark) 7 in: long 5 in wide and 1½ thick set post and raised a mound with brush as per instructions

Surface rolling Soil first rate

Sepr 25th 1858 Sepr 25th

N 33° 30' W on Indian boundary line thro' section 26

Variation 12° 00 E

30.00 a Road Course N E & S W

86.80 to a point 20 lks to the left of the original corner of the

662.66
645.71
16.95

Indian half Breed lands at its intersection with the line of sections 23 and 26 here we find the mound & pits and the post cut off - deposit a Limestone (cross marked) 4 in: long, 4 in: wide & 2 in: thick set a post and raised a mound with trench as per instructions

Surface rolling soil first rate

N 33° 30' W through Sec^n 23
Variation 12° 00' E

12.00 A Branch 6 links wide runs South (Sup^r 29th)

57.28 full 15 lks to the left of the original half breed corner on the line of sections 22 and 23 remove stump of post deposit

a limestone 6 in: long, 8 in: wide & 2 in: thick set post and raised a mound with trench as per instructions

Surface rolling soil 1st rate

N 34° 30' W through Sec^n 22
Variation 11° 30' E

39.25 The original Half Breed line corner on the line of sections 15 and 22 a point 17.91 chs East of the Quarter-Section-Corner to said sections drove a charred stake set post and raised a mound with trench as per instructions

Surface rolling
Soil 1st Rate

662.66
645.71
16.95

N 33°, 30' W ~~Thro 11° 30~~
Through Section 15
Variation 11°, 30' E

55.50 a Branch 8 links wide runs South
95.90 The original corner at the intersection of the Half breed line with that of sections 10 & 15 a point 4.87 chs east of the corner to sections 9. 10. 15 & 16 deposite a marked limestone 5 in: long, 4 in: wide and 2 in: thick set post and raised a mound with branch as per instructions
Surface rolling
Soil first rate

N 33°, 30' W Thro" Sec^n - 10
Variation 12° — E

8.73 The original Indian line corner on that of sections 9 and 10 deposite a limestone 6 in long 5 in: wide and 2 in: thick marked with a cross set post and raised a mound with branch as per instructions
Surface undulating
Soil first rate

N 33°, 30' W. Thro" Sec^n - 9
Variation 12° E

53.50 a Branch 5 links wide runs South
87.50 to a point 15 lks to the right of the Half breed corner on the line of sections 4 & 9 remove cut off post and in its room deposite a limes

Holding
662.66
645.71
16.95

stone 8 in long, 4 in: wide and 1 in thick set post and raised a mound with trench as per instructions

Surface rolling

Soil first rate

N 33° 30' W Thro" Sec^n 4

Variation 12° 00' E

57.60 the original half bread corner on line of sections 4 and 5 deposit a limestone 6 in: long 5 in: wide and 2 in: thick set post and raised a mound with trench as per instructions

Surface rolling

Soil first rate

N 33½ W thro" Section 5

Variation 12° E

39.35 the original corner at the intersection of Indian line with that of Towns hips 2 & 3 N (The South Boundary of Section 32 T^n 3 N. Range 16 E deposite limestone 8 in: long, 5 in: wide & 2 in thick set post and raised a mound with trench as per instructions

Surface Rolling

Soil first rate

N 33½ W Through Section 32
Township No 3 N & Range 16 E
59.00 set temporary post
September 30th 1858
60.00 a Branch 8 links wide runs
S.S.E (SSE)
96.00 The Corner on Indian line at
its intersection with the line
of Sections 29 and 32
deposite a limestone 8 in: long
5 in: wide and 1 in thick
set post and raised a mound
with trench as per instructions
Surface rolling Soil 1st rate

N 33° 30' W Thro Section 29
15.77 The original corner of Half
breeds line on that of Sections
29 and 30 deposite a Limestone
5 in long, 4 in: wide and
2 in: thick set post and

raised a mound with trench
as per instructions
Soil first rate
Surface Rolling

N 33° 30' W Thro' Sec 30
Variation 12° 00' E
79.38 intersected the ~~Range line of~~ line of Sections 19 & 30
~~15 & 16 E~~ at the Corner of the
Indian Boundary thereon
remove cut off post deposite
limestone (marked with a
cross) 9 in: long, 5 in: wide
and 1 in: thick set post
and raised a mound with
trench as per instructions
Surface Rolling
Soil first rate

N 33°, 30' W thro' Sec. 19
Variation 12°, 00' E
60.61 chs to a point 18 links to the right of the Original Half Breed Corner on the western boundary of Section 19 (Range line of 15 & 16) in place of the old cut down post deposite a limestone 6 in: long, 6 in wide and 2 in: thick set post and raise a mound with trenches as per instructions at said point,
Surpan rolling
Soil first rate

N 33°, 30' W thro' Section 24
Tp. 3 N. Range 15 W &
Var: 12°. 00' E.
34.34 chs fall 6 links to the right of the original corner at the intersection of the Otter

half breed Indian line on that of Sections 13 + 24 at said corner drove a charred stake set post and raised a mound with trenches as per instructions
Surpan rolling
Soil first rate

N 33°, 30' W thro' Section 13
Variation 12°, 00' E
13.00 a Road runs N E + S W
94.88 the Corner of Indian line at its intersection of that of Sections 12 and 13 remove original post, drove charred stake set post and raise a mound with a trenches as per instruction
Surpan rolling
Soil first rate

Notary
662.66
645.71
16.95

N 33°, 30' W through Section 12
Variation 12°, 00 E
19.10 chs a Road N W & S E
19.18 the corner of Indian line on that of Sections 11 and 12 remove old post drove a chained Stake set post and raised a mound with trench as per instructions
Surface undulating
Soil first rate

N 33°, 30' W through Section 11
Variation 12°, 00' E
42.00 a Branch 5 links wide runs N E
75.48 chs the Corner of Indian line on that of Sections 2 and 11 remove old post drove a chained stake

set post and raised a mound with trench as per instructions
Surface rolling Soil first rate

N 33° 00 W through Sec. 2
Variation 12°, 15' E
10.20 a Branch 4 links wide runs North
59.00 a Road runs North
72.84 chs the original corner at the intersection of the Otter half bred Indian line with that of Sections 2 and 3 remove old post drove a chained stake set post and raised mound with trench as per instructions
Surface Rolling
Soil first rate

N 33° W Through Section 3
Variation 12° " 12' E

22.50 Intersected the line of Towns 3 and 4 at the original half breed corner thereon on a Limestone 12 in: long 6 in: wide & 6 in thick Marked M C added the letters H B on East side thereof and reset the same
Surface rolling
Soil first rate
Oct 25th 1858

N 33 W Thro' Section 34 Town 4
Range 15 East
Variation 12° " 12' E

20.00 A Trail course N W & S E
52.00 enter Timber course E & W
62.50 a Boarding 8 links wide leave timber course E & W enter prairie
94.00 chs fall 30 lks to the right of

the Indian line corner on that of sections 27 and 34 a limestone marked M C 14 in: long, 12 in. wide and 4 in thick I add the letters H, B, on east side as per instructions and reset the same Oct 24th 1858

N 33° " 12' W thro' Sec 27
Variation 12° " 09' E

24.00 No corner found I therefore run From the 1/4 S cor: to Secns 27 and 28 South on a random line between said sections at a
Variation of 12° 09 E
15.20 chs set a temporary post
40.00 chs intersect the E & W line at a point 21 links West of the corner to sections 27. 28 33 and 34

From which corner I run
North on a true line between
Sections 27 and 28
Var 11° " 27' E
24.80 chs ~~set a Limestone~~
drove a charred stake
set post and raised
a mound with trench
as per instructions for
the point of intersection
of Indian line with
that of Sections 27 & 28
Surface rolling
Soil first rate

N 33½° W thro" section 28
Variation 12° " 09' E
65.92 chains a Limestone broke in
two — 20 in long, 10 in: wide
and 4 in: thick Marked
M. C. evidently the

original corner in the same
situation I plant a limestone
20 in: long, 12 in: wide and 3 in:
thick for the point of intersec-
tion of the half breed Indian
line with that of Sections
21 and 28
Surface rolling
Soil first rate
~~Oct 7th 1858~~ October 7th 58

N 33½ W thro" Section 21
Variation 12° " 21' E
.50 a Branch 10 links wide runs N
5.00 Same Branch 10 links wide runs W
6.00 Same Branch 10 lks wide runs N E
18.50 a road course N N W & S S E
34.50 a Branch 5 lks wide runs E
81.80 intersect line of Sections 20 & 21
20 links to the right of the
original corner thereon, the corner
being somewhat in doubt

From the corner to sections 16, 17
20 and 21 I run
South between sections 20 & 21
11.22 the point where evidently a rock
has been set here
I place a Limestone 20 in long
14 in: wide & 3 in: thick for the
corner at the intersection of the
Indian line with that of sections 20
and 21
Surface rolling
Soil first rate

N 33½° W thro' Section 20
Variation 12° E
2.50 a Road N E
13.46 the corner of Indian line at its
intersection with that of sections
17 and 20 a Limestone Marked
M C measuring 16 in: long, 12 in
wide and 4 in: thick broken
in two pieces.

in its original situation I set
a Limestone 13 in: long 12 in:
wide and 4 in: thick marked
as per instructions

N 33° 30' W through Sec 17
Variation 12° 00' E
94.75 the corner at the intersection
of Indian line with that
of sections 8 & 17
A Limestone 12 in: long 8 in wide
and 8 in: thick Marked M C
I add the letters H. B. and
reset the same
Surface rolling
Soil first rate

N 33° 30' W through Section 8
Variation 12.00' E
40.18 the original Indian line corner to on line of
sections 7 and 8
A Limestone 6.17 chains south

Meanders of

at	E.
22	2
67	8
69	4
34	2
92	18

16.83 chs =

dial on Great

Godwins ad

36	
69	40
25	26 2
71	183.7

Notary Public

662.66
645.71
16.95

645

of Quarter Section Corner to said Sections a Limestone 20 x 14 x 3 broke in two ~~in: thick~~ I set as per instructions a Limestone 18 in: long 11 in wide and 3 in thick in the Original situation of old Corner

Surface rolling

Soil first rate

Octr 8th 1858

N 33° 30' W thro Section 7

Variation 12° - 00' E

55.11 chs intersected line of Section 6 and 7 at a point 15 links east of Indian line corner thereon corner broke up

From the Quarter Section Cor to sections 6 & 7 I run 9.87 chs ~~links~~ to the supposed

point and there place a Limestone 18 in long 10 in wide and 3 in: thick for the destroyed corner

Surface rolling

Soil first rate

From the Corner to Townships 4 of ranges 14 & 15 E I run South in a right line with the Corner of old Line to be obliterated

9.93 chains set a Limestone 20 in long 12 in: wide & 8 in thick for Indian line corner on the west boundary of Section 1 Township 4 N and Range 15 E

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645.71

16.95

From the Corner to Townships
4 N of Ranges 4 and 5 E
Trans
West with a
Variation of 11° 21' E
and in a direct line of the
Corner to be obliterated on the
1st Standard Par: N
6.48 chains set a limestone 16 in
long 9 in: wide + 3 in: thick
a lump stone is 83 links east of
the Corner to be obliterated on
the old line
October 9th 1858

From the Corner to Sections 25: 26
35 and 36 Township 5 N: R 14 E
Trans East between Sections 25 + 36
10.58 the old Corner broke up
Sets in its original Situation
A Limestone 22 ~~xxxx~~ inches long
12 in: wide + 3 in: thick

From the Corner to be obliterated
on line of Sections 25 and 26
Trans Courses with said line
16.00 Sets a limestone 18 in: long 12 in
wide and 3 inches thick for the
Corner thereon of the Otoe half
breed Indian line

Sets a Limestone 15 in long
12 in: wide and 4 in: thick
83 links West of the Quarter
Section Corner to Sections 23
and 26

Note
662.
645.7
16.95

From the Corner to Sections 14, 15
22 and 23 I ran
South between Sections
22 and 23
Variation 12° 00' E
20.13 chains the old corner to the
Indian line at its intersection
of said Sections a Limestone
16 in long, 12 in: wide and
4 in: thick Marked M.C.
I add as per instructions
the letters H.B.

From Corner of Indian line at
its intersection of the line of
Sections 22 & 23
N 33½ W thro' Sec^n 22
23.47 chains the old Corner of
Indian line at its intersection
of the line of Sections
15 and 22 a Limestone

22 in long 15 in: wide and 3 in thick
— ~~thence~~ —
N 33° 30' W through Section 15
Variation 12 E
44.00 set temporary post enter timber
October 12th 1858
49.50 Beauty 8 links wide runs E
leave timber enter prairie E & W
94.85 chs to a point where a Stone
seems to have sat marked
by a stake
From the Meander corner on
right bank of Little Nimahee
River to Sections 10 and 15 I ran
West between said Sections:
13.25 chains the Stake. here I set
a Limestone 16 in long 12 in:
wide and 3 in: thick
as per instructions

Thence I ~~and~~ ran

Notary Public
662.66 645 71
645.71
16.95

N 33° 30' W Thro' Section 10
Variation 12° 00' E
18.50 set a Post on right bank of
Nemaker from wheels.
A Maple 18 in dia bears N 30 E 17 lks
A Maple 16 in dia N 60 W. 16 lks
19.20 chs the Middle of Stream.
October 13th 1858

Notary Public
662.66 645 71
645.71
16.95

Began to break up the old
Half Breed line Septr 27th 1858
Beginning at the South point of
Half Breed line on the Big Wan
aha destroyed stake and obliterated
marks on Bearing trees then
N 28° 39' W thro section 25
destroy corner to sections
24 and 25
Then N 28° 39 W thro section 24
90.80 destroyed corner on Half Breed
line on that of sections 13 & 24
Thence N 28° 13 W thro Sec^n 13
39.37 destroyed rock corner on line
of sections 13 and 14

N 28° 13' W thro Sec 14
51.26 destroyed corner of half breed
line on that of sections 14 & 11
September 27th
1858

N 28° 13' W Thro Section 11
90.89 chs destroyed corner on line of sections 2 and 11

N 28° 13' W Thro' Sec^n 2
29.21 destroyed half Breed corner on the line of sections 2 & 3

N 28° 13' W Thro Sec^n 3
Var 11° 35' E
62.08 chs destroyed the half Breed corner on line of S^ns 1 & 2 of range 16 E

N 28° 13' W Thro Section 34
Tow^ns 2 N. Range 16 E
Var 11° 35' E
91.48 chs destroyed half Breed corner on line of sections 27 & 34

N 28° 13' W Thro' Sec^n 27
Var: 11° 35' E
17.67 chs destroyed the corner of the half Breed line on that of sections 27 & 28
Sept 26th

N 28° 13' W Thro' Sec^n 28
Var: 11° 20' E
73.85 chs: ~~[illegible]~~ Destroyed the Half Breed corner on the line of Sec^n 21 and 28

N 28° 13 W Thro' Sec 21
91.46 Destroyed the Corner of the

Indian line at its intersection with the line of Sections 16 & 21

North 28° 13' W Thro" Section 16
Variation 11°. 41 E
5.17 chs destroyed corner of Indian line at its intersection of the line of Sections 16 and 17

N 28°. 13' W Thro" Sec 17
Var: 11°. 28 E
86.51 chains destroyed Corner of Indian line at its intersection of the line of Sections 8 and 17 X

N 28°. 13' W Thro" Sec 8
85.62 chs destroyed the Indian line corner on that of the section line of Section 7 and 8

N 28°. 13' W Thro" Sec 7
Var 11°. 30' E
5.98 chs destroyed the corner of the Half Breed line on that of sections 6 and 7

N 28°. 13' W Thro" Sec 6
Var 11°. 30 E.
92.08 Destroyed the Half Breed corner on the Line of Townships 2 and 3 N of Range 16 E
Oct 1st 1858

N 28°. 13' W Thro" Sec 31
Township 3 N, Range 16 E
Var 12° 30 E
66.31 chs destroyed half breed corner on the line of sections 31 and 36 N Range line of R.s 15 & 16 E
T 3 North

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645.71
16.95

chains N 28° 13' W Thro Section 36
Town 3 N Range 15 E
Var: 12° 45' E
25.08 chs destroyed the corner of
half Breed line on
that of Sections 25 & 36

N 28° 13' W Thro Sec 25
Var: 12° 40' E
90.90 Destroyed the corner between Section
24 and 25 of Ind Line

N 28° 13' W Thro Sec 24
Var 11° 36' E
53.26 chs Destroyed the Indian line cor
ner on that of Section 23 & 24

N 28° 13' W Thro Sec 23
37.67 chs Destroyed the corner of the
half Breed Indian line at its
intersection of the line of Sections
14 & 23 October 2° 1858

N 28° 13' W Thro Sec 14
90.83 chains Destroyed the Indian
line corner between Sections
11 and 14

N 28° 13' W Thro Sec 11
Var 12° 23' E
42.27 chs destroyed the Indian
line corner between Sections
10 and 11

N 28° 13' W Thro Sec 10
Var 12° E
49.32 chs destroyed the Indian line
corner between Sections 3 & 10

N 28° 13' W Thro Sec 3
Var 12° 00' E
91.29 chs Destroyed the corner on
Indian line at its in
tersection with the Ind
line of Tp 3 & 4 N.

N 28° 13' W Thro Sec 34
Township 4 N Range 15 E
Variation 12° 12' E
31.54 chains destroyed the Indian line corner between Sections 33 and 34
Oct 5th 1858

N 28° 13' W Thro Sec 33
Var: 12° 12' E
60.24 chs destroyed the corner of the Half Breed Indian line between Sec 28 + 33

N 28° 13' W Thro Sec 28
Var 12° 12' E
89.82 chs destroyed the Indian line corner between Sections 21 and 28

N 28° 13' W Thro Sec 21
Variation 12° 12' E
17.56 chs destroyed the Indian line corner on line of Sections 20 & 21

N 28° 13' W Thro Sec 20
Variation 12° 19' E
73.69 chs destroyed the old Indian line corner on Section line of 17 and 20

N 28° 13' W Thro Sec 17
Var: 12° 19 E
99.46 destroyed the Indian line corner between Sections 8 and 17
Oct 6th 1858

N 28° 13' W Thro Section 8
Variation 12° 13' E
6.04 chs destroyed the Indian line corner between Sections 7 and 8

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16.93

N 28° 13' W Thro Sec 7
Variation 12° E
85.74 chs destroyed the Indian line
corner between Section 6 & 7

N 28° 13' W Thro" Sec 6
V 12° 21' E
75.45 destroyed the Corner on Indian
line between Sections 6 and 1
of Twp 4 N of Ranges 14 & 15 E

N 28° 13' W Thro" Section 1 of
Township 4 North of Range
14 E
17.53 destroyed the corner of Indian
line on the 4th S. Par N

N 28° 13' W Thro" Sec 36
Variation 11° 21' E
90.98 destroyed the Indian line corn
on the section line of
Sections 25 & 36 Twp 5 N R 14 E

N 28° 13' W Thro Sec 25
Variation 12° 08' E
37.12 chs destroyed the Corner of the
Indian line on that of
Sections 25 & 26
Oct 11th 1858

N 28° 13' W Thro" Sec 26
Var 11° 52' E
54.02 destroyed the Indian line Corn
between Sections ~~24~~ 23 and 26

N 28° 13' W Thro" Section 23
Variation 11° 52' E
91.04 destroyed the Indian line corn
between Sections 14 and 23

N 28° 13' W Thro" Sec 14
22.55 destroyed the corner on the left
Nemaha River of Indian line
36.19 No corn found
Oct 14th 1858

A List of the Names of the individuals employed to assist in measuring and marking the lines and corners described in the foregoing Field notes of the Reserve of the Western boundary of the half Breed Indian reservation between the two Nemahas in Nebraska Territory showing the respective capacities in which they acted

Chas. Thomson Chaincarrier
A J Thomson Chaincarrier
Octavius Wall Flagsman
Sn C Trigg Marker
O J Berry - Compassman

We hereby certify that we assisted Alexander Oliphant, deputy surveyor, in surveying the western boundary of the Ottoe half breed lands, and 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 according to the instructions furnished by the Surveyor General.

Charles Thomson, Chaincarrier.
Andrew J Thompson Chaneman
Octavius Wall Flagman
Stephen C Trigg Axman
Orlando J Berry Compassman

Subscribed and sworn to by the above named persons, before me, a notary Public duly Commissioned and qualified in and for Otoe County, in the Territory of Nebraska this 16th day of October A D 1858

Jas. Sweet
Notary Public

eanders of the

4	E. D
22	27
67	83
69	46 8
34	25 9
92	183 4

16.83 chs = 8

ial on Great Ne

Godwins addit

41	27
36	83 39
69	46 89
25	26 22
71	183.77

645.71
16.95

a Notary Public in and for Otoe County, in Nebraska Territory this 16th day of October A.D. 1858

Jas. Sweet
Notary Public

Surveyor Generals Office
Nebraska City N. T.
October 27th 1858

The foregoing field Notes of the Survey of the Western Boundary of the Half-Breed Indian Reservation, between the two Nemaha Rivers, in the Territory of Nebraska, executed by Alexander Oliphant U.S. under his Contract of the 17th day of July 1858, in the Months of September & and October 1858, having been critically examined, the necessary corrections and explanations made, the said field Notes and the Surveys they describe are hereby approved.

Wm. A. B. Burnett
Surveyor General

Addition of Godwins ~~Calculation~~ ~~Station~~ of McCoys Meanders of the Great Nemaha River

	N. Lat chs lks	S. Lat	E. Dep	W. Dep
Page No 1	111 27	292 22	27 27	300 76
" No 2	287 29	103 67	83 40	271 46
" No 3	226 42	106 69	46 89	202 00
" No 4	137 16	151 34	25 93	126 10
	662 14	653 92	183 49	900 32
	653 92			183 49
	8 22			716 83

West departure 716.83 chs = 8 Miles 76 chs. 83 link

Miles	chs	lks
10	00	00
8	76	83
1	03	17

Initial on Great Nemaha Too far East

Error of 10 chs in Godwins Addition of South Latitude page 4

Recalculation of McCoys Meanders of Great Nemaha River as per pages 7/4 to 19/2 by Robert Harvey State Surveyor

	N. Lat.	S. Lat.	E. Dep	W. Dep.
to Station 55 – page 1	112 59	282 41	27 27	306 34
" " 218 " 2	287 28	105 36	83 39	269 83
" " 180 " 3	225.62	106 69	46 89	200 87
" " 216 " 4	37.17	151 25	26 22	126 [illegible]
	662.66	645 71	183.77	903.57
	645.71			183.77
	16.95			719.80

West departure 719.80 chs. = 8 Miles 79 chains + 80 links

Miles	chs	lks
10	00	00
8	79	80
1	00	20

The true distance that Initial Point on Great Nemaha is too far east, or the error is 1 Mile and 20 links instead of 1 mile 3 chs & 17 links

For Calculations see table in pocket next page

Robert Harvey
State Surveyor
"

Calculation of
McCoys Meanders of the
Great Nemaha River.

125

8

Recalculation of meanders of McCoy's survey of the Great Nemaha River, for Half-Breed Indians. (Survey of Half-Breed Reserve 1838)

By Robert Harvey State Surveyor

No Sta.	Course	Dist. chs lks	N.L.	S.L.	E.D.	W.D.	No Sta.	Course	Dist. chs lks	N.L.	S.L.	E.D.	W.D.
1	S.86 W	3 50		24		3 49	37	S 40 E	10 50		8 04	6 75	
2	S 73°15' W	16 50		4 75		15 80	38	S.7°30 E	11 50		11 41	1 51	
3	S.21° W	11 50		10 74		4 12	39	S 43° W	27 50		20 12		18 75
4	S.9°45' W	4 00		3 94		68	40	S.89° W.	6 00		10		6 00
5	S 7°45' E	8 00		7 93	1 08		41	N.56° W	3 50	1 96			2 90
6	S 5°45' W	3 50		3 48		35	42	N.39° W.	7 00	5 44			4 41
7	S.36°30' W	13 00		10 45		7 73	43	N 5° W	6 50	6 48			57
8	S.2° E	10 00		9 99	35		43	N 48° W	12 50	8 36			9 29
9	S.22°30 W	10 00		9 24		3 83	44	N.4° W	5 50	5 49			38
10	S.28° W	6 50		5 74		3 05	45	N 8° E	22 59	22 29		3 13	
11	S.10° E	19 50		19 20	3 39		46	N 5° W	4 00	3 98			35
12	S.13° W	11 50		11 21		2 59	47	N 42°30' W	4 50	3 32			3 04
13	S.27° W	16 00		14.26		7.26	48	N 63°30' W	2 00	89			1 79
14	S 55°30' W	18 50		10 47		15 24	49	S 36°30' W	1 50		1 21		89
15	S.69°15' W	8 00		2 83		7 48	50	S 10°30 W	2 50		2 46		46
16	S 80° W	5 50		96		5 42	51	S 2°30' W	16 50		16 49		72
17	N.80° W	7 50	1 31			7 39	52	S. 20° W	26 50		24 90		9 06
18	N 37°30' W	1 00	79			61	53	S. 60° W	11 00		5 50		9 53
19	N 64° W	3 50	1.53			3 15	54	N.88°45' W	12 00	26			12 00
20	N 83° W	3 00	37			2 98	55	N 74° W	6 50	1 79			6 25
21	N.58° W	2 50	1.33			2 12			593.10	112 59	282 41	27 27	306 34
22	N 78° W.	10 00	2 08			9 78							
23	S.32°45 W	10 60		8 83		5 68							
24	S 10° W	36 50		35 94		6 34							
25	S.65° W	29 50		13 40		26 29							
26	S 87° W	17 50		93		17 48							
27	N.69° W.	28 00	10,03			26 14							
	to 28 stepped												
29	N.31° W	5 00	4 29			2 58							
30	N 22° W	23 50	21 79			8 81							
31	N 50° W	7 00	4 50			5 36							
32	N.68° W	11 50	4 31			10 66							
33	S 80° W	3 50		61		3 45							
34	S.27° W	9 00		8 02		4 09							
35	S.64°15' E	9 50		4 13	8 56								
36	S 27° E	5 50		4 90	4 50								

No Sta	Course	Dist Chs	Dist lks	N. Lat	S. Lat	E. Dep	W. Dep
56	N.85° W	11	00	4	96		10 96
57	S.81° W	5	00		78		4 94
58	S 79° W	2	00		38		1 96
59	S.72°30' W	4	50		1 35		4 29
60	N.71°45' W	2	50	78			2 37
61	N.85°45' W	3	50	26			3 49
62	N 55° W	5	50	3 16			4 50
63	N 37° W	4	00	3 19			2 41
64	N 17° W	7	00	6 69			2 05
65	N 6½° E	3	50	3 48		40	
66	N 6¼° W	2	00	1 99			22
67	N 6° W	14	50	14 42			1 51
68	N.10°15' E	24	50	24 11		4 36	
69	N 25°30' E	22	00	19 86		9 47	
70	S.77° E	19	00		4 27	18 51	
71	S 44°30' E	26	00		18 54	18 22	
72	N.39° E	6	50	5 05		4 09	
73	N 80°30' E	5	50	91		5 42	
74	N 48°45 E.	12	50	8 24		9 40	
75	N 21° W.	10	50	9 81			3 76
76	N 72°30' W	19	00	5 71			18 12
77	S.85° W	12	00		1 05		11 95
78	N.48° W	23	50	15 72			17 46
79	N 7°30' W	17	00	16 85			2 22
80	N 89° W	3	00	05			3 00
81	S.58° W	8	00		4 24		6 78
82	N.80°30' W	14	50	2 39			14 30
83	S.38° W	2	00		1 58		1 23
84	S.34° W	8	50		7 05		4 75
85	S.61° W	10	50		5 09		9 19
86	N.54°30' W	5	50	3 19			4 48
87	N 9° W	12	50	12 34			1 96
88	N.4°30' W	16	00	15 95			1 26
89	N 42° E	6	00	4 46		4 01	
90	N.15° E	8	50	8 21		2 20	
91	N.37°30' W.	4	50	3 57			2 74

No Sta	Course	Dist Chs	Dist lks	N. Lat	S. Lat.	E Dep	W. Dep
92	N.22° W	4	00	3 71			1 50
93	N 25° W	4	00	3 63			1 69
94	N 17°30' W	6	00	3 72			1 80
95	N.61° W	9	50	4 61			8 31
96	S.28°30' W	4	00		3 52		1 91
97	S.22°15' E	18	00		16 66	6 82	
98	S.2° W	3	50		3 50		12
99	S.24° W.	6	50		5 94		2 64
100	S 6°30' W	6	50		6 46		74
101	S.31°30' W	4	50		3 84		2 35
102	S.7° W	4	50		4 47		55
103	S 2° E	3	50		3 50	12	
104	S 40°30' W	7	00		5 32		4 55
105	S.64°30' W	6	50		2 80		5 87
106	N.63°30' W	4	00	1 78			3 58
107	N 74° W	7	00	1 93			6 73
108	N.28°15' W	5	00	4 46			2 37
109	N.1°30' E	14	00	14 00		37	
110	N.42°30' W	10	00	7 37			6 76
111	N.34°15' W	13	50	11 16			7 60
112	S.84° W	6	00		63		5 97
113	S.73° W	15	00		4 39		14 34
114	N.75°30' W	5	50	1 38			5 32
115	N.49° W	20	00	13 12			15 09
116	N.23°15' W	14	00	12 86			5 53
117	N 57°45' W	10	50	5 60			8 88
118	N 71°15' W	14	50	4 66			13 73
					105 36		269 83
		589	50	287.28		83 39	

No Sta	Course	Dist. Chs	Dist. Lks	N. Lat	S. Lat	E. Dep.	W. Dep
119	N. 42°15' W	12	50	9	25		8 41
120	N. 35°30' W	8	50	6	92		4 94
121	N 46° W	13	50	9	38		9 71
122	N. 9°30' W	16	50	16	28		2 65
123	N 21°15' E	6	50	6	06	2 35	
124	N 39° W	2	00	1	55		1 26
125	S. 24° W	14	00			12 79	5 69
126	N. 71° W	7	00	2	28		6 62
127	N 36° W	8	00	6	47		4 70
128	N 6°30' W	12	00	11	92		1 36
129	N. 42°15' E	13	00	9	62	8 74	
130	N. 20°45' E	17	00	15	90	6 02	
131	N. 61°15' W	8	50	4	09		7 45
132	N 72°45' W	7	50	2	22		7 16
133	N. 86° W	5	00		35		4 99
134	N 58° W	4	00	2	12		3 39
135	N 2°15' E	16	00	15	99	63	
136	N. 42°15' E	9	00	6	66	6 05	
137	N. 23° E	8	50	7	82	3 32	
138	N. 71° W	4	50	1	47		4 26
139	S 85°15' W	12	00			99	11 96
140	S. 9°15' W	5	00			4 93	80
141	S 15°15' E	3	50			3 38	92
142	S. 13° W.	6	50			6 33	1 46
143	N. 80 W	2	50		42		2 46
144	S. 85° W	3	00			26	2 99
145	N. 38° W	9	00	7	09		5 54
146	N. 36°30' W	18	00	14	46		10 71
147	S. 22°45' W	1	50			1 38	58
148	S 5°15' W	3	50			3 49	32
149	S 4°30' W	2	50			2 49	20
150	S. 2° W.	5	00			5 00	17
151	S. 38°45' W	7	50			5 85	4 69
152	S. 77°15' W	7	00			1 54	6 83
153	N 89° W	4	50		08		4 50
154	N. 39° W	5	00	3	89		3 15

No Sta	Course	Dist Chs	Dist Lks	N. Lat	S. Lat	E Dep	W. Dep
155	N 8° E	10	50	10	40	1 46	
156	N. 41° W	11	00	8	30	[illegible]	7 22
157	N. 66°30' W	11	00	4	39	[illegible]	10 09
158	S. 75°15' W	5	00		1 27		4 84
159	S. 26°15 E	5	00		4 48	2 21	
160	S. 88°45' E	6	00		13	6 00	
161	N. 80 15' E	2	50	42		2 46	
162	S. 42°15 E	3	50		2 59	2 36	
163	S. 9°30' E	6	50		6 41	1 07	
164	S. 1° W	9	00	[illegible]	9 00		16
165	S 46°45' W.	6	00	[illegible]	4 11	[illegible]	4 37
166	N. 89° W.	6	50	11		[illegible]	6 50
167	N 39° W.	8	50	6	61		5 35
168	N. 17° W	10	00	9	56		2 92
169	S 80° W	4	00		69		3 94
170	S 55°90' W	5	50		3 12		4 53
171	S. 20°15' W	4	50		4 22		1 56
172	S. 24°45' E	6	50		5 90	2 72	
173	S 2° E	9	50		9 49	33	
174	S 19°15' W	4	00		3 78		1 32
175	S 64° W	7	00		3 07		6 29
176	N. 34°30' W	5	00	4	12		2 83
177	N. 1°45' E	8	00	8	00	25	25
178	N. 18° W.	7	00	6	66		2 16
179	N 28° W.	5	00	4	41		2 35
180	N. 86°30 W	5	50		34		5 49
		462	00	225.62	106.69	46 89	200.81

No Sta	Course	Dist. Chs	lks	N. Lat	S. Lat	E Dep	W. Dep
181	S.37° W	7	50		5 99		4 51
182	S.53° E	7	00		6 97	67	
183	S.20° E	5	00		4 70	1 71	
184	S.48°30' W	2	00		1 33		1 50
185	S. 33° W	3	50		2 94		1 90
186	S. 67°15' W.	7	00		2 71		6 46
187	S.42° 15 E	6	50		4 81	4 37	
188	S 19° E	13	50		12 76	4 39	
189	S 64°15' W	14	50		6 30		13 06
190	S 42°15' E	8	50		6 29	5 72	
191	S 20° 30' W.	5	50		5 15		1 93
192	S.39°30' W	18	00		13 89		11 45
193	N 64°30' W	5	50	2 37			4 96
194	N 34° W	14	50	12 02			8 11
195	N 75° 30' W	3	50	88			3 39
196	S. 19°45' W	7	50		7 06		2 54
197	S.40° W	12	00		9 19		7 71
198	S. 17° E	7	50		7 17	2 19	
199	S 12° E	6	50		6 36	1 35	
200	S 50° W	13	00		8 36		9 96

No Sta	Course	Dist. Chs	lks	N. Lat	S. Lat	E. Dep	W. Dep.
201	S. 81°15' W	8	50		1 39		8 39
202	N. 58°30' W	5	50	2 87			4 69
203	N. 11°45' W	9	00	8 81			1 83
204	N. 3°45' E	4	50	4 49		29	
205	N. 86°30' W	2	50	15			2 50
206	S. 81°45' W	5	00		72		4 95
207	S. 63° W	4	00		1 82		3 56
208	S 16° W	4	00		3 85		1 10
209	S. 2°15' W	3	50		3 50		14
210	S. 63° E	5	00		2 27	4 45	
211	S 12°30' E	5	00		4 88	1 08	
212	S. 5°30' W	9	50		9 46		91
213	S. 32°45' W	13	50		11 38		7 25
214	N. 88°30' W	5	50	14			5 50
215	N 51° W	7	50	4 72			5 83
216	N. 73°30' W	2	50	72			2 40
		261	50	37 17	151 25	26 22	126 53

Recapitulation

	Distance Chains	N.Lat	S.Lat.	E.Dep.	W.Dep.
1st page	593.10	112.59	282.41	27.27	306.34
2nd "	589.50	287.28.	105.36	83.39	269.83
3rd "	462.00	225.62	106.69	46.89	200.81
4th "	261.50	37.17	151.25	26.22	126.53
	1,906.10	662.66	645.71	183.77	903.57
		645.71			183.77
		16.95			719.80

719.80chains== 8 miles,79 chains,80 links.

Miles	Chs.	lks.
10	00	00
- 8	79	80
1	00	20

=the distance that the initial point is too far east instead of 1 mile,3 chs. 17 lks as per Godwin's calculations

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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.