General Land Office • Original Field Notes

Book Number

126

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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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referring the lines to the pages of the field-notes.

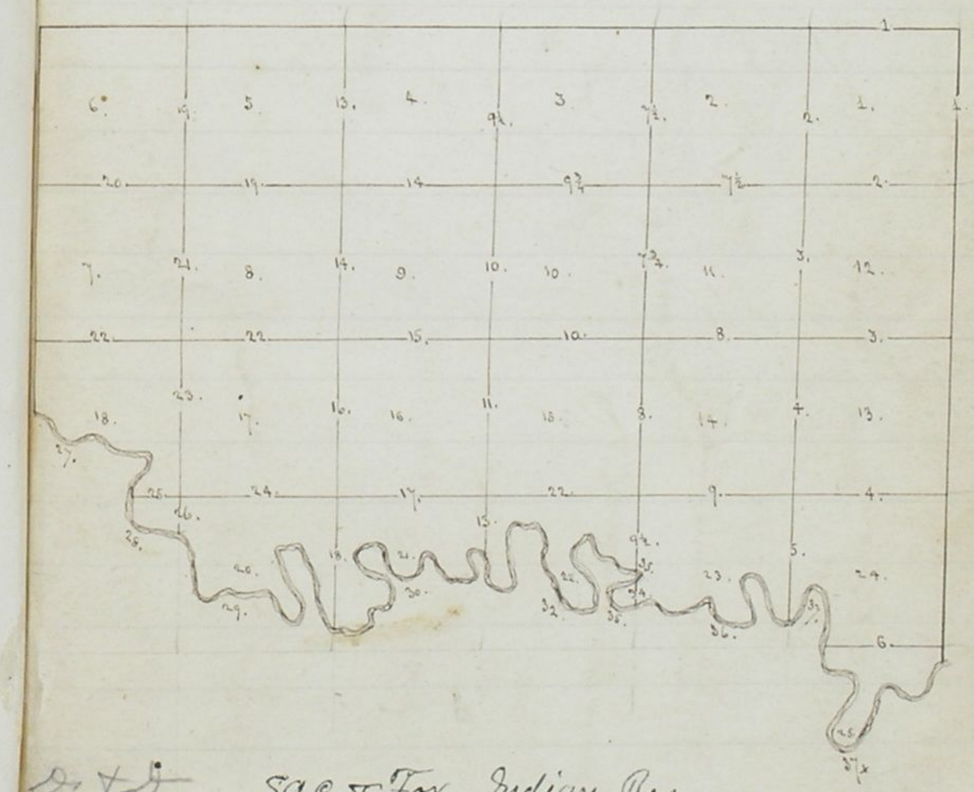
Township 1 North. Range 16 East

of the

Sixth Principal Meridian.

Contract No 49

Contract No 49



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Field Notes of the Survey of Township
1. ~~4~~ North Range 16 East of the
Sixth Principal Meridian
in
Nebraska Territory

Commenced on the 1st of November 1855
Completed on the 19th of February 1856.

Michael McMann
Deputy Surveyor,

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" List of Assistants "

Denis Mc. Manus Chainman
Austin Waldron, Chainman
Patrick Waldron. Flagman
Patrick J. Mc. Manus, Axeman.

Field Notes of the subdivision lines and meanders of the Great Nemaha River in Fractional Township 1. N. R. 16. E. 6th Principal Meridian

Chains	
	To determine the proper adjustment of my Compass for subdividing this Township, I commence at the Corner to Townships 1 and 2 north, Ranges 16 & 17 East, and run
	South, on a blank line along the East boundary of Section 1.
	Variation, 11°. 50' East.
40.13	To a point 21 links East of the quarter Section Corner
80.27	To a point 43 links East of the Corner to Sections 1. and 12
	To retrace this line or run parallel therefrom my Compass must be adjusted to a variation of 17°. 32'. East.
	West, on a blank line along the North boundary of Section 1.
	Variation 11°. 28'. East.
39.92	To a point 31 links South of the quarter Section Corner
79.59	To a point 66 links South of the Corner to Sections 1. and 12
	True variation 11°. 0' East.
	Subdivision Commenced November 1st 1855
	From the Corner to Sec. 1. 2. 35. 36. on the North Boundary of the Township
	From South between Sec. 1 & 2. Variation 11°. 32' East
6.93	Muddy Creek. 40 links wide. rapid Current. Steep bank 1 foot high. 5 feet deep. water muddy, runs N. E
41.00	Set a Lime Stone 16 in long + 14 in wide x 6 in high for quarter Section Corner
	Two Bur Oak acorns planted 5 links South.

Township 1 N. Range 16 East. 6th Principal Meridian

Chains	
43.00	Leave bottom land. bearing N. W. and S. E
53.64	a Stream 8 links wide. gentle current. runs N. E
55.00	Same Stream. runs N. W
55.70	Same Stream. runs N. E.
56.40	Begin to ascend rolling prairie
73.30	Road bearing N. W. to Archer.
80.00	Set a Lime Stone rock 17 in long × 9 in wide × 7 in thick Corner to Sections 1. 2. 11. 12 3 Bur Oak acorns planted 3 links south of Corner. Land partly bottom and high rolling prairie. Soil rich. 1st rate bottom rarely subject to inundation. Timber scattering on Creek bank. Bur Oak. Elm & Walnut. nearly all fit for Cultivation;

East on a random line between Sections 1. and 12.

Variation 11° 0' East

2.60	Road. bears S. W. & N. E. leading to Archer
23.00	Indian Trail bears S. 62° E. N. 62° W
40.00	Set a post for temporary quarter Section Corner
43.75	Drain bears S. E. and N. W.
69.50	Branch. runs N. E
73.85	Leave prairie. and enter timber & brush, bearing N. W. S. E
79.39	Intersected N. S. line 34 links North of Corner to Sections 1. 12. 6. 7

Township 1 N. Range 16. East. 6th Principal Meridian

Chains	
	West on a true line between Sections 11. and 12 Variation 10° 45' East.
39.69½	Set a Lime Stone 25 in long × 16 in wide × 3 in thick for quarter Section Corner Planted 2 Bur Oak acorns 3 links east of Corner.
79.39	The Corner to Sections 1. 2. 11. 12
	Land on line high rolling prairie. Soil 1st rate fit for Cultivation about 100 feet above Creek bottom

South between Sections 11 & 12

Variation 11° 32' East

8.70	Road bears S. 15° W. N. 15° E. to Archer
20.65	Drain bears N. 55° E. S. 55° W
40.00	Lime Stone rock. 14 in long × 8 in wide × 8 in thick for quarter Section Corner 2 Bur Oak acorns planted 3 links south of Corner
80.00	Set a Lime Stone rock 21 in long × 8 in wide × 7 in thick for Corner to Sections 11. 12. 13. and 14. Land high. rolling prairie. 1st rate soil. all fit for Cultivation.

East. On a random line between Sections 12. and 13.

Variation 11° 0' East.

20.00	head of Slough. bears N. E
40.00	Set a post for temporary quarter Section Corner.
48.00	Slough. bears N. W. E
60.50	Indian trail bears S. W. & N. E.

Township 1 N. Range 16 East. 6th Principal Meridian

Chains	
78.86	Intersected N. and S. line 19 links North of Corner to sections 12. 13. 7. and 18. from which Corner Iron
	West on a true line between sections 12. and 13.
	Variation 10°. 52' East.
39.43	Set a Line Stone rock 18 in long. x 11 in wide x 3 in thick. for quarter section Corner
78.86	The Corner to sections 11. 12. 13. and 14.
	Land high rolling prairie. Soil 1st. rate. fit for Cultivation

November 1st. 1855

	South. between sections 13. and 14.
	Variation 11°. 32' East
40.00	Set a Line Stone 15 in long. x 8 in wide x 7 in thick. for quarter section Corner
	3 Bur Oak acorns planted 3 links South of Corner
80.00	Set a Line Stone rock 22 in long. x 9 in wide x 8 in thick. Corner to sections 13. 14. 23. and 24.
	Land high rolling prairie. Soil 1st. rate all fit for Cultivation

	East. on a random line between sections 13. and 24.
	Variation 11°. 0' East.
20.00	Branch. bears S. W. & N. E. (runs S. W.)
40.00	Set a post for temporary quarter section Corner

Township 1 N. Range 16 East. 6th Principal Meridian

Chains	
43.40	Slough. bears South. heads 5 chains North.
51.60	Indian trail. bears N. & South.
72.00	Drain. runs S. E.
78.40	Intersected N. and S. line 47 links North of Corner to sections 13. 24. 18. and 19. from which Corner Iron
	West. on a true line between section 13. and 24.
	Variation 10°. 40' East.
39.20	Set a band Stone 22 in long. x 11 in wide x 3 in thick for quarter section Corner
78.40	The Corner to section 13. 14. 23. & 24.
	Land high rolling prairie. falling (or descending) rapidly towards river bottom on the South. good Soil 1st. rate. Sandy. fit for Cultivation: about 150 feet above the bottom lands of the Great Nemaha River.

	South. between Sections 23. and 24.
	Variation 11°. 32' East.
100	begin to descend from rolling prairie
90.7	drain. bears S. E.
20.00	Enter bottom land. bearing N. W. and S. E.
38.30	Road. bears N. W. to the Forks of the Big Nemaha, and S. E. to Boyds Ferry on the Missouri River
40.00	Set a Line Stone rock 16 in long. x 11 in wide x 5 in thick for quarter section Corner

Township 1 N. R. 16. East. 6th Principal Meridian

Chains	
45.70	Indian trail bears S. 72° E. N. 72° W.
65.00	Enter timber. bearing E. and W.
69.10	An Elm 6in diameter.
69.72	Set a post 128 links North of the left bank of the Great Nemaha River for Corner to fractional Sections 23. and 24. from which An Elm 36in dia. bears N. 34½. W 86 links distant A. ~~Cottonwood~~ Cottonwood 60in dia. bears N. 32°. E 316 links distant. Bank of River shelving. about 31 feet high. depth of River 4 feet. Current rapid. bottom land rarely subject to inundation. Land. Soil 2nd rate. fit for Cultivation. Timber. Elm. Cottonwood. Bur Oak & Maple.
	The line between Sections 24. and 25 will strike the Great Nemaha River in less than 80.00 chains. Run it therefore. West. on a true line between Sections 24. and 25. variation 10°. 40'. East.
7.00	a Dry pond. or Cavity. 30 links ~~wide~~ South of line. 6 feet deep 5.00 chains N. and S. 3.00 chains E. and W
15.20	Indian trail. bears N. 40°. W. S. 40°. E
~~23.40~~	~~Road bears N. 30°. W. to the Forks of the Great Nemaha. S. 30°. E to the mouth of Muddy Creek~~
40.00	Set a Lime Stone rock. 16 inches long. 10 inches wide. and 4 inches thick

Township 1 N. R. 16. East. 6th Principal Meridian

	for quarter Section Corner.
43.12	enter Corn field. fence bears S. 65°. E. N. 65. W. about 15 acres in Cultivation.
53.50	Log house 3.50 chains North (Hambleton Greenlee Squatter)
55.55	leave Corn field. fence bears S. 25°. W. N. 25°. E. enter timber
62.04	Set a post on the left bank of the Great Nemaha River. for Corner to fractional Sections 24. and 25. from which an Elm 21in diameter bears S. 43½ E 3½ links distant " Elm 14in " bears N. 43½ W. 8½ " " Land. The bottom land and rich prairie rolling with nearly all fit for Cultivation. bottom rarely liable to inundation. The river at this point has shelving banks 30 feet high. current rapid. 4 feet deep. Timber. Elm. Hickory. Bur Oak. &c
	Finding the lines converging so rapidly. I run North on the East line of Town 1 N. R 16 E. from the Corner to Sections 24. 25. 19. and 30. and found the variation to be 11°. 23'. ~~North~~ East. to the Corner to Sections 13. 24. 18. and 19 ~~and~~ 11°. 26' East. to the Corner to Sections 12. 13. 7 and 18. ~~and~~ 11°. 26'. East to the Corner to Sections 1. 12. 6 & 7. November 2nd 1855.

Township 1 N. R. 16. East. 6th Principal Meridian

Chains	
	South. between sections 2. and 3
	Variation 11°. 32' East.
40.00	Set a Lime Stone rock. 21 inches long. 15 inches wide. and 3 inches thick. for quarter section Corner. Planted 2 Bur Oak Acorns 2 links South of Corner.
48.50	Road. bears E. and W.
74.00	Slough. Runs S. E.
80.00	Set a Lime Stone rock. 16 inches long. 9 inches wide. and 7 inches thick. for Corner to Sections 2. 3. 10. and 11. Planted 2 Bur Oak acorns 3 links South of Corner.
	Land. mostly high rolling prairie. part Creek bottom Soil 1st. rate nearly all fit for Cultivation. Timber Scarce Scattering. principally Bur Oak. Elm. Walnut. a Log Cabin on North and 1/4 section. about 50 acres in Cultivation.
	East. on random line between Sections 2. and 11.
	variation 11°. 1' East.
~~60~~	~~Road. bears S. 1/4 W. and E. of N.~~
14.00	Slough. bears S. E. 1/4 N. W.
40.00	Set a temporary post for quarter section Corner
61.20	Stream. 8 links wide. runs N. E.

Township 1 N. R. 16. E. 6th Principal Meridian

Chains	
79.93	Intersected N. and S. line 12 links South of Corner to sections 1. 2. 11 & 12. from which Corner Iron
	West. on true line between Sections 2. and 11.
	Variation 11°. 05' East
39.96½	Set a Lime Stone rock 20 in. long. 12 in. wide. and 4 in. thick for quarter section Corner.
79.93	The Corner to sections 2. 3. 10. and 11.
	Land. high rolling prairie 1st. rate soil. all fit for Cultivation
	South. between sections 10. and 11.
	Variation 11°. 32' East
~~1.50~~	~~Road. bears S. W. and N. E.~~
25.00	Slough. bears S. W. and N. E.
40.00	Set a Lime Stone rock 20 in. long. 10 in. wide. and 4 inches thick for quarter section Corner.
70.00	Drain runs S. W.
80.00	Set a Lime Stone rock. 16 inches long. 11 inches wide. and 6 inches thick for Corner to Sections 10. 11. 14. and 15.
	Land. High rolling prairie. first rate soil. all fit for Cultivation, ~~a small grove of timber on the N. end.~~

Township 1. N. R. 16. East. 6th Principal Meridian.

Chains	
	East. on random line between sections 11. and 14.
	Variation 11°. 0' East.
8.00	Road. bears N. & S.
40.00	Set temporary Stake for quarter section Corner.
47.00	Indian trail bears S. 15°. W. N. 15°. E.
50.00	Intersected N. and S. line. 9 links South of Corner to sections 11. 12. 13. 14. from which Corner Drew West. on a true line between sections 11. and 14.
	Variation 11°. 04'
40.03	Set a Lime Stone rock 17 inches long. 8 inches wide and 5 in. thick for quarter section Corner.
80.00	Corner to sections 10. 11. 14. and 15.
	Land. High rolling prairie. soil 1st. rate. all fit for Cultivation

	South. between sections 14. and 15.
	Variation 11°. 32'. East.
5.00	Road bears W. of S. and E. of N.
19.00	begin to descend rolling prairie
25.00	Drain. runs S. & E.
40.00	Set a Lime Stone rock. 25 in. long. 20 in. wide. and 4 in. thick for quarter section Corner
59.00	leave rolling prairie. and enter river bottom, bearing W. and S.

Township 1 N. R 16 East. 6th Principal Meridian

Chains	
80.00	Set a lime Stone rock 20 in. long. 10 in. wide. and 5 in. thick for Corner to Sections 14. 15. 22. and 23.
	Land. Principally high rolling prairie. part river bottom. soil 1st. rate. all fit for Cultivation.

	East. on random line. between sections 14. & 23
	Variation 11°. 0'. East.
19.50	Indian trail bears N. 18°. E. S. 18°. W
40.00	Set a temporary Stake for quarter section Corner
58.00	leave bottom land, and begin to ascend rolling prairie bearing N. W. and S. E.
66.00	31 links South a ridge of large sand Stone Flags on surface bearing E. and W. for 6 chain.
79.94	Intersected N. and S. line. 23 links South of Corner to Sections 13. 14. 23 & 24. from which Corner Drew West. on a true line between sections 14 & 23
	Variation 11°. 16'. East.
39.97	Set a Lime Stone 24 in. long. 16 in. wide. and 5 in. thick for quarter section Corner.
79.94	Corner to Sections 14. 15. 22. & 23.
	Land. rolling Prairie N. of line. and bottom land S. of line. Prairie 1st. rate soil. fit for Cultivation. bottom land 3rd rate not fit for Cultivation

Township 1. N. R. 16. East. 6th Principal Meridian

Chains	
	South. between Sections 22. and 23
	Variation 11°. 32'. East.
15.00	Road leaving S.E. & N.W. leading to the Forks of the Great Nemeha River
40.00	Set a Lime Stone rock. 17in. long. 10in. wide 4½in. thick
41.94.	for Quarter Section Corner, Set Post. for Corner to Fractional Sections 22. and 23. From which R. - Maple 16" in diam - Bears - S. 86° E - dist. 47 links R. - Maple 16" in diam - Bears - S. 61½ W - dist. 14 links
42.00	Left bank of the Great Nemeha River, Stream Sluggish 4 feet deep. Banks Shelving about 30 feet high. Course N.W. to S.E. (runs S.E.)
	Land. River bottom. ~~rich dirt~~. not fit for Cultivation rarely subject to inundation. Soil 3rd rate soft. and Spongy.
	November 3rd. 1855. Timber. Scattering on river bank.

Chains	
	South. between Sections 3. and 4.
	Variation 11°. 32'. East.
4.20	Slough. bears E. of N.
7.00	Corp of Cool or Spring in Slough. 6 feet deep. clear water
7.50	S. corp of same Cool. 50 links wide
37.50	Road. bears W. to the Forks of the Great Nemeha River East to Archer.
40.00	Set a Lime Stone rock 14in. long. 12in. wide and 3in. thick for quarter Sec. Corner. 2. Bur Oak acorns planted 6 links South. 2. planted 6 links North. Slough bears 1.00 chain

Township 1. N. R. 16. East. 6th Principal Meridian

Chains	
	West. and runs North.
52.00	Slough. bears 1.00 chain West. runs (or bears) South.
75.00	Crossing of Same Slough. bears South East.
80.00	Set a Lime Stone rock. 16in. long. 16in. wide. and 6in. thick Corner to Sections 3. 4. 9. and 10.
	Land. High rolling prairie. Soil good. 1st rate all fit for Cultivation.

Chains	
	East. on random line. between Sections 3. & 10.
	Variation 11°. 0'. East.
0.60	Spring in Slough. 15 links South. clear running water
2.00	Crossing of Slough. runs South.
30.00	Crossing of Slough. heads 7 chain N. runs East.
40.00	Set a temporary Stake for quarter Section Corner.
80.41	Intersected N. and S. line. 26 links North of Corner to Sections 2. 3. 10. and 11. from which Corner I run
	West. on a true line between Sections 3. and 10.
	Variation 10°. 49'. East.
40.20½	Set a Lime stone rock 18in. long. 15in. wide. and 3in. thick. for quarter Section Corner. a Bur Oak acorn planted 6 links East. and one planted 6 links West.

Township 1 N. R. 16 East 6th Principal Meridian

Chains	
80.41	Corner to Sections 3. 4. 9. 10.
	Land. High rolling prairie. good Soil. all fit for Cultivation
	South. Between Sections 9. and 10.
	Variation 11°. 32'. East.
3.10	Spring of clear running water. 40 links west.
31.00	Crossing of Slough runs S. W.
31.50	Crossing of stream (slough described above) clear running water 10 links wide. runs S. E
40.00	Set a Lime Stone 15in. long. 13in. wide. and 5in. thick. for quarter Section Corner. Stream 50 links East, Two Bur Oak acorns planted 6 links North. Two planted 6 links South.
80.00	Set a Sand Stone rock 22in. long. 16in. wide and 5in. thick for Corner to Sections 9. 10. 15 and 16. Planted two Bur oak acorns 6 links S. of Cor. two planted 6 links N.
	Land. High rolling prairie. Soil 1st. rate. all fit for Cultivation.
	East. on random line between Sections 10. and 15
	Variation 11°. 0 East.
5.00	Slough. runs South.

Township 1 N. R. 16 East. 6th Principal Meridian

Chains	
25.70	Slough. runs S W. heads N. E.
40.00	Set temporary Stake for quarter Section Corner.
58.50	Slough. runs S. E. and heads N. W
71.00	Slough. runs S. and heads N.
80.42	Intersected N. 45. line. 9 links north of Corner to Sections 10. 11. 14. 15. From which Corner I run West. on a true line between Sections 10. and 15
	Variation 10°. 56'. East.
40.21	Set a Lime Stone 16in. long. 8in. wide. and 6in. thick. for quarter Section Corner. Planted 2 Bur Oak Acorns 6 links West. 2. 6 links East.
80.42	Corner to Sections. 9. 10. 15. and 16
	Land. High rolling prairie. Soil 1st. rate. all fit for Cultivation
	South. Between Sections 15. and 16.
	Variation 11°. 32'. East.
11.00	Leave rolling prairie and enter the Great Nemaha river bottom lands. bears West and N. W.
40.00	Set a Lime Stone rock 16in. long 12in. wide. and 4in. thick for quarter Section Corner, Planted 2 Bur Oak acorns 6 links North 2. 6 links South.
60.00	Road bears N. 45 W. to the Forks of the Great Nemaha River. and

Township 1 N. R. 16. E. 6th Principal Meridian

Chains	
	S. of E. to Boyds Ferry on Missouri river.
80.00	Set a Lime Stone rock. 21in. long. 16in. wide, and 5in. thick for Corner to Sections 15. 16. 21. and 22. Planted 2. Bur Oak Acorns 6 links N. 2. 6. links. South. Land principally river bottom. flat. 3rd rate not fit for Cultivation Soil dark. and Spongy. rarely subject to inundation.
	East. on random line. between Sections 15. and 22
	Variation 11°. 0'. East.
40.00	Set a temporary post for Quarter Section Corner.
50.25	Road. N. 66°. W. to the Forks of the Great Nemeha. and S. 66°. E. to Boyds Ferry. on the Missouri River.
80.41	Intersected N. and S. line 8 links South of Corner to Sections 14. 15. 22. and 23. from which Corner Drum West. on a true line between Sections 15. and 22.
	Variation 11°. 03' East.
40.20½	Set a Lime Stone rock. 16in. long. 16in. wide and 6in. thick for quarter Section Corner. Planted 2. Bur Oak acorns 6 links East. and Two 6 links West.
80.41	Corner to Sections 15. 16. 21. and 22. Land. flat. River Bottom. Soil 3rd rate not fit for Cultivation. rarely Subject to inundation. Soil dark & spongy.

Township 1 N. R. 16. East. of 6th Principal Meridian

Chains	
	South. between Sections 21. and 22.
	Variation 11°. 32'. East
27.00	Indian trail bears E. and W.
34.42	Set an Elm post. 55 links North of left bank of Great Nemeha river. for Corner to Fractional Sections 21. and 22 from which an Elm 5in. diam. bears S. 14. E. 26 links distant an Elm 11in. diam. bears N. 81½° W. 76 links distant. Planted 2. Bur Oak acorns 6 links North of Corner.
34.91	Maple 10in. diameter on bank of Creek: The river has Shelving (or double) banks about 30 feet high a current rapid 3 feet deep. Soil dark and Spongy. unfit for Cultivation. bottom land rarely subject to inundation November 9th. 1855. Timber. Scattering on river bank.
	South. between Sections 4. and 5.
	Variation 11°. 32' East.
13.70	Road bears N. of W. to the Forks of the Great Nemeha river. and S. of E. to Archer.
26.00	Slough. 2.50 chains West. bears South. bears N. W.
40.00	Set a Lime Stone rock. 17in. long. 15in. wide. and 4in. thick

Township 1 N. R. 16. East. 6th Principal Meridian

Chains	
	for quarter Section Corner. Planted a Bur Oak acorn 6 links North.
80.00	Set a Lime Stone rock. 25in long. 20in wide and 4in thick
	For Corner to Sections 4. 5. 8. and 9. Planted a Bur Oak acorn 6 links North. and one 6 links South.
	Land. High rolling prairie 1st rate Soil. all fit for Cultivation.
	East. on random line. between Sections 4. and 9. Variation 11°. 0'. East.
40.00	Set a temporary Stake for quarter Section Corner
80.46	Intersected N. and S. line 6 links South of Corner to Sections 3. 4. 9 & 10. from which Corner S. run
	West. on a true line between Sections 4. and 9. Variation 11°. 03' East.
40.23	Set a Lime Stone rock 16in long. 8in wide. and 5in thick for quarter Section Corner. Planted a Bur Oak acorn 6 links West of Centre point.
80.46	Corner to Sections 4. 5. 8. and 9.
	Land. High rolling prairie. 1st rate Soil. all fit for Cultivation
	South. Between Sections 8. and 9. Variation 11°. 32'. East.

Chains	
10.50	Slough, bears S. W. heads N. E.
40.00	Set a Lime Stone rock. 16in long. 11in wide and 4in thick for quarter Section Corner. Planted a Bur Oak acorn 6 links North.
80.00	Set a Lime Stone rock. 18in long. 16in wide. and 4in thick for Corner to Sections 8. 9. 16. and 17. Planted a Bur Oak acorn 6 links N. and one 6 links South. Land. High rolling prairie. 1st rate Soil. all fit for Cultivation.
	East. on random line. between Sections 9. and 16 Variation 11°. 0'. East.
26.50	Slough runs S. E. heads about 15.00 chains N. W.
40.00	Set a temporary Stake for quarter Section Corner
42.60	Slough. runs S. E. heads about 20 chains N. W.
47.00	a ledge of Lime Stone rock on edge of prairie bluff. bearing S. & N.
54.00	East end of same
59.30	Slough. runs S. heads 8.00 chains N.
80.65	Intersected N. and S. line 16 links North of Corner to Sections 9. 10. 15. and 16. From which Corner S. run
	West. on a true line between Sections 9. and 16 Variation 10°. 53'. East.

16

Township 1 N. Range 16. East. 6th Principal Meridian

Chains	
40.32½	Set a Lime Stone rock 20in long. 21in wide. and 3in thick, for quarter Section Corner. Planted 2 Bur Oak acorns. 6 Links West of Centre point. 2. Six Links East.
80.65	Corner to Sections. 8. 9. 16 & 17.
	Land. High rolling prairie on the North. River bottom about 10.00 chains South of line. prairie 1st rate Soil all fit for Cultivation.
	South. Between Sections 16. and 17
	Variation 11°. 32'. East.
9.00	top of ridge of prairie. about 100 feet above river bottom.
11.00	begin to descend rolling prairie
32.00	Enter bottom of Great Nemaha River. bearing N. W. & East.
34.00	Road. bears N. of W. to the Forks of the Great Nemaha River and S. of E. to Boyds Ferry on the Missouri River
40.00	Set a Lime Stone rock 14in long 12in wide. and 6in thick for quarter Section Corner. Planted a Bur Oak acorn 6 Links South. and one 6 Links North.
80.00	Set a Lime Stone rock 14in long. 11in wide. and 7in thick for Corner to Sections 16. 17. 20. and 21.

17

Township 1. N. R. 16. East. 6th Principal Meridian

Chains	
	Planted two Bur Oak acorns 6 links S. 2. 6 links North of Centre point. Land. partly rolling prairie and River bottom. prairie 1st rate soil. fit for Cultivation bottom land 3rd rate not fit for Cultivation. Soil Soft. and Spongy.
	East. on random line between Sections 16. and 21.
	Variation 11°. 6' East
39.50	Indian trail bears S. of N. and W. of S.
40.00	Set a temporary Stake for quarter Section Corner
80.72	Intersected N. and S. line 23 links North of Corner to Sections 15. 16. 21. and 22. from which Corner Drew West. on a true line between Sections 16. and 21.
	Variation 10°. 48' East.
40.36	Set a Lime Stone rock. 12in long. 10in wide and 7in thick for quarter Section Corner. Planted 2 Bur Oak acorns 6 Links South of Centre point. and 2. 6. links North.
80.72	Corner to Sections 8. 9. 16 & 17. 20 & 21.
	Land. River bottom. black Spongy Soil 3rd rate. not fit for Cultivation 2 or 3 feet lower than bank of River, rarely subject to inundation.

Township 1 N. R. 16. East. 6th Principal Meridian

Chains	
	South. Between Sections 20. and 21.
	Variation 11°. 32'. East.
34.50	Road. S. of W. to the Falls of the Nemeha, and N. of W. to the Forks of the Nemeha River.
38.00	Loge of Cavity or dry pond. about 5 feet deep
40.00	Set a Lime Stone rock. 15in. long. 10in. wide and 7in. thick. for quarter Section Corner.
51.00	Loge of Cavity or Dry pond.
62.00	Leave prairie. enter timber. bearing East & West.
64.64	Walnut 10in. diameter
64.74	Elm. 5in. diameter.
65.95	Elm 5in. diameter
68.17	Set a Bur Oak post. 30 links North of the Left bank of the Great Nemeha River. for Corner to Fractional Sections 20. and 21. from which
	a Mulberry 10in. diam. bears S. 86½°. E. 38 links distant
	a Black Walnut. 15in. diam bears N. 31°. W. 56 links distant,
68.47	a Maple 10in. diameter. on left bank of the Great Nemeha River
	Land. principally river bottom. Timber Scarce. Walnut (Black) Mulberry & Bur Oak. River ~~high~~ shelving banks 20 feet high. 4 feet deep. Current sluggish, about a quarter

Township 1 N. R. 16. East. 6th Principal Meridian

Chains	
	of a mile N. W. of the Falls of the Great Nemeha River. Soil 1st rate not fit for Cultivation November 8th 1855.
	South. Between Sections 5. and 6.
	Variation 11°. 32'. East.
7.64	Road. West to the Forks of the Great Nemeha River East to Archer. (County Seat of Richardson County)
40.00	Set a Lime Stone rock 14in. long. 11in. wide. and 5 7in. thick for quarter Section Corner. Planted two Bur Oak acorns 6 links S. of centre point. two 6 links North,
80.00	Set a Lime Stone rock 16in. long. 11in. wide. and 7in. thick For Corner to Sections 5. 6. 7. and 8. Planted two Bur Oak acorns 6 links S. two 6 links West. Land. High rolling prairie. first rate Soil. all fit for Cultivation.
	East. on random line. between Sections 5. and 8.
	Variation 11°. 0'. East.
12.20	Slough runs South.
17.00	a loge of lime Stone on prairie bluff. 60 feet above Slough
35.10	Slough runs S. bears about 15.00 chains N.
40.00	Set a temporary Stake for quarter Section Corner.

Township 1 N. R. 1 E. East 6th Principal Meridian

Chains	
63.00	Slough. runs S.E. heads about 10.00 chain N. W.
69.00	Slough runs S. W.
80.24	Intersected N. and S. line 4 links South of Corner to Sections 4. 5. 8. and 9. from which Corner Drum. West. on a true line between Sections 5. and 8. Variation 11°. 02 East.
40.12	Set a Lime Stone rock 15in. long. 13in. wide. and 4in. thick for quarter Section Corner. Planted two Bur Oak acorns 6 links West of Centre point. two 6 links East.
80.24	Corner to Sections. 5. 6. 7. and 8. Land. High rolling prairie 1st. rate Soil. all fit for Cultivation.

Chains	
	West. on a random line between Sections 6. and 7. Variation 11°. 0'. East.
11.80	Slough. bears W. of N. runs W. of S.
28.70	drain bears N. 45.
40.00	Set a temporary Stake for Quarter Section Corner
79.37	Intersected N. and S. line. 40 links North of Corner to Sections 6. 7. 1 and 12. from which Corner Drum.

Township 1 N. R. 1 E. East 6th Principal Meridian

Chains	
	East. on a true line between Sections 6 & 7. Variation 11°. 17'. East.
39.37	Set a Lime Stone rock 15in. long. 13in. wide and 4in. thick for quarter Section Corner. Two Bur oak acorns planted 6 links West. and two 6 links East. from Centre point.
79.37	Corner to Sections 5. 6. 7. and 8. Land. East half high rolling prairie. West half gently rolling. first rate soil all fit for Cultivation

Chains	
	South. Between Sections 7. and 8. Variation 11° 32' E.
40.00	Set a Lime Stone rock. 15in. long. 13in. wide. and 5in. thick, for quarter Section Corner. Planted Two Bur oak acorns 6 links South. and two 6 links North from Centre point.
45.00	begin to descend rolling prairie
54.00	Enter river bottom. bearing N. W. and S. E.
80.00	Set a Lime Stone rock 15in. long. 11in. wide. and 6in. thick for Corner to Sections 7. 8. 17. and 18. Planted two Bur Oak acorns. 6 links South. two 6 links North. from Centre point. Land. about one half rolling prairie. one half river bottom. prairie 1st rate Soil. and fit for Cultivation. Bottom Soft Spongy Soil 3rd rate. not fit for Cultivation.

Township 1 N. Range 16 East. 6th Principal Meridian

Chains	
	East. on random line. between Sections 8. and 17.
	Variation 11°. 0'. East.
37.20	Slough. runs S.E. bears N. W.
39.00	leave river bottom. enter rolling prairie, bearing N.W. & S.E.
40.00	Set a temporary post for quarter Section Corner.
75.00	Slough. runs S.W. bears N.W.
79.96	Intersected N. and S. line. 4 links North of Corner to Sections 8. 9. 16. and 17. from which Corner Drew
	West. on a true line between Sections 8. and 17
	Variation 10°. 58' East.
39.98	Set a Lime Stone rock 16in long. 13in ~~thick~~ wide. and 3in thick. for quarter Section Corner. Planted two Bur Oak acorns. 6. links ~~South~~ West of Corner. two 6 links West of ~~Centre point~~ Corner.
79.96	~~The Corner to Sections~~ 7. 8. 17 & 18
	Land. one half rolling prairie. one half river bottom. Prairie 1st rate Soil. all fit for Cultivation. bottom land 2nd rate Soil Soft and Spongy. not fit for Cultivation.
	West. on random line. Between Sections 7. and 18.
	Variation 11°. 0' East.
40.00	Set a temporary Stake for quarter Section Corner.
50.95	
56.05	Road. bears N.W. to the Forks of the Great Nemeha River S.E. to the Falls of Bane river.

Township 1. N. Range 16. East. 6th Principal Meridian

Chains	
79.65	Intersected N. and S. line 69 links North of Corner to Sections 7. 18. 13. and 24. from which Corner Drew
	East. on a true line between Sections 7. and 18
	Variation 11°. 30'. East.
39.65	Set a Lime Stone rock. 16in long. 12in wide. and 3in thick. for quarter Section Corner.
	Planted two Bur Oak acorns 6 links west of Centre point. two 6 links East. of Centre point.
79.65	Corner to Sections 7. 8. 17. & 18.
	Land. River bottom. East part Soft Spongy Soil. not fit for Cultivation. 2nd rate West part rich black Soil. fit for Cultivation. 1st rate
	South. Between Sections 17. and 18.
	Variation 11°. 32'. East.
13.00	Road. bears N. of W. to the Forks of the Nemeha River S. of E. to Boyds Ferry on the Missouri River.
40.00	Set a Lime Stone rock. 14in long. 11in wide. and 4in thick. for quarter Section Corner.
	Planted two Bur Oak Acorns 6 links North. and two 6 links South of Centre point.

Township 1 N. Range 16 East. 6th Principal Meridian

Chains	
66.30	Road S. & E. to the FALLS. and N. W. to the FORKS. of the Great Nemeha River.
79.70	Indian trail bears N. of N. and S. of E.
80.00	Set a Lime Stone rock 22in long. 16in wide. and 10in thick for Corner to Sections 17. 18. 19 & 20. Planted two Bur Oak acorns 6 links N. and two 6 links South of Centre point
	Land, river bottom, 3rd rate, fit for Cultivation, about 20 chains on both sides of the East ½ mile - remainder 3rd rate soil, not fit for cultivation - not liable to inundation. The bottom prairie adjoining the river is two or three feet higher than that next the bluffs of rolling prairie - the rain water rests on the latter. and all the water that descends from the high prairie sinks on reaching the bottom land which remains the soil soft. and spongy. November 12th 1855.
	East. on random line. between Sections 17. and 20 Variation 11°. 00 East.
0.08	Indian trail. bearing E. of S. and W. of N.
19.10	Road. bearing S. E. to the Falls of the Great Nemeha River

Township 1 North. Range 16 East. of the 6th Principal Meridian.

Chains	
	N. W. to (Salem) Forks of the Great Nemeha River
40.00	Set Post. for temporary quarter Section Corner.
79.96	Intersected N. and S. line 6 links South of Corner to Sections 16. 17. 20. & 21. From which Corner. Iron Rest, on true line. between Sections 17 & 20 Variation 11°. 03' East.
39.98	Set Lime Stone 14in long. 8in wide. and 9in thick for quarter Section Corner. State 2 Bur oak acorns 6 links E. & 2 links North West.
79.96	The Corner to Sections 17. 18. 19 & 20. Land. Flat bottom 3rd rate soil. and fit for Cultivation.
	West. on true line. between Sections 18. and 19. Knowing that it will strike the Great Nemeha River in less than 80.00 chains Variation 11°. 30 East.
11.70	Leave bottom prairie. enter brush & timber, bearing N. W. and S. E. at Settlers Log house (John Miller) Stands 8.00 chains North.
21.06	Hickory 11in in diam
22.53	Hackberry 10in in diam
22.96	Hackberry 24in in diam
24.74	Set an Elm post. on left bank of the Great Nemeha

Township 1 North, Range 16 East, of the 6th Principal Meridian.

Chains	
	Cor to Fractional Sections 18 & 19. from which a maple 28in. in diam bears S. 85° W. dist 46 links Elm 10in. in diam bears N. 75° E. dist 32 links. Land River bottom. Soil rich, 1st rate, fit for Cultivation Timber. Walnut. Hackberry. Hickory. Elm & Maple Undergrowth Sumac, hazel and vines
	South, between Sections 19. and 20 Variation 11°. 32'. East.
14.95	Indian trail, bears E. & S. and W. of N.
17.00	Upper verge of left bank of Great Nemaha River
18.75	Inner verge. ~~Set Post for Corner to fractional Sections 19 & 20. from which~~ marked a maple tree 16in. in diam. for Corner to Fractional Sections 19. and 20.
	River, runs E. & S. 10 feet deep & banks 30 feet high and shelving. Land rich Soil, 1st rate, fit for Cultivation. Scattering Timber on bank of river

Township 1 North, Range 16 East, of the 6th Principal Meridian.

Chains	
	Meanders of the left bank of the Great Nemaha River. through the Township.
	Begin at the ~~Corner~~ Meander Corner to Sections 13. and 18. in the West boundary of the Township. and on the left. and North bank of the Great Nemaha river. and run thence down stream. with the meanders of the left bank of said river. in fractional Section 18. as follows.

Courses	Distances. ch.	
		Meanders in Section 18.
S. 50° E.	3.50	
N. 80½ E.	12.61	
S. 73½ E.	7.73	
S. 40½ E.	10.70	
S. 67¼ E.	4.19	
N. 75¼ E.	10.56	
S. 46¾ E.	10.96	
S. 72¾ E.	6.19	
S. 87¼ E.	8.81	

Township 1. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances ch.	
S. 40¾ W	4.88	
S. 47¾ W	7.72	Enter timber.
S. 22½ W	8.84	
S. 25. E	2.35	The Corner to fractional Sections 18. and 19 Land. bottom prairie. Soil 1st rate. Fit for Cultivation.
		Meanders in Section 19
S. 10½ W	3.74	
S. 30¼ E	4.72	
S. 81¼ E	5.27	
N. 80¼ E	10.16	
S. 39¼ E	6.71	Leave timber. bearing North.
S. 26½ E	5.84	
S. 29¾ E	1.60	The Corner to Fractional Sections 19 & 20 Land. river bottom (flat) Soil rich. fit for Cultivation near River. Timber. Walnut Hackberry. Hickory. Elm & maple

Township 1. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances ch.	
S. 22° E	11.48	Meanders in Section 20.
S. 4½ E	11.67	
S. 13¼ W	6.02	
S. 39. E	3.02	Deep water to this point. a Stream 40 links wide on right bank. bears S. 56° W.
N. 6½ E	2.56	Shallows (or rapids)
N. 62¼ E	3.23	
S. 79. E	3.57	
N. 89½ E	6.87	
N. 83¾ E	2.41	
N. 76. E	15.54	at 1.60 ch. a Stream 30 links wide. Comes in from the South on right bank.
S. 82. E	10.71	
S. 58°. E	7.95	at 6.00 chains enter timber
S. 24¼ E	8.96	
N. 58. E	5.50	
N. 14. E	5.53	
N. 42¾ E	16.43	at 10.00 ch. leave bend of timber
N. 24½ E	3.63	
N. 81½ E	6.43	
S. 51¾ E	4.44	
S. 8½ E	12.83	

Township 1. North. Range 16 East. of the 6th Principal Mer.

Courses	Distances ch.	
S. 40½. E.	10.15	
S. 34. E.	5.09	
S. 8°. E.	7.14	Stream 20 links wide. Comes in from the West.
S. 35½. E.	1.90	at. 4.00 ch. enter timber The Corner to Fractional Sections 20. and 21.
		Land. principally bottom prairie. Soil rich fit for Cultivation.
		Timber. Scattering on bank of River.
S. 74½. E.	2.34	Meanders in Section 21.
N. 60. E.	4.17	
N. 75½. E.	1.77	
N. 85°. E.	4.88	
N. 56¼. E.	13.27	
N. 33¾. E.	3.00	at. 1.70 chain. The Falls of the Great Wacmeha River Perpendicular fall of 4 feet. totaly fall 7 feet. Branch 20 links wide comes in from the South. on right bank
N. 38¾. E.	2.60	Ford. Road Crossing - from Sorway Mission to Salem Jeri H. Dodge Store Ho. Stands N. 56. E. 2.50 ch. Distant
N. 27. E.	5.73	
N. 24. W.	3.43	
S. 89¾. W.	5.68	

Township 1. North. Range 16 East. of the 6th Principal Meridian

Courses	Distances ch.	
N. 75½. W.	5.07	
N. 16½. E.	6.04	
N. 75½. E.	6.07	
S. 54½. E.	4.76	
S. 23¼. E.	6.00	
S. 75°. E.	5.25	
N. 80. E.	3.62	
N. 39¼. E.	6.98	
S. 55¼. E.	4.06	
S. 3½. E.	5.07	
N. 87¾. E.	7.51	
S. 66½. E.	9.58	
N. 85. E.	4.97	
N. 48½. E.	3.70	
N. 26½. W.	8.80	
N. 64½. E.	2.55	
N. 86. E.	4.11	The Corner to Fractional Sections 21. and 22
		Land. river bottom. close to river banks soil good fit for Cultivation
		Timber. Walnut. Pine Oak. Elm. Hickory Mulberry &c.
		February 17th. 1856.

Township 1. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances ch.	
S. 33¾ E.	6.50	Meanders in Section 22.
S. 5. W.	4.61	at. 1.50 chains cider timber
S. 20¼. W.	5.27	
S. 78. E.	5.49	
N. 77¾. E.	5.32	
N. 42¼. E.	4.43	
N. 24. E.	6.20	at. 3.00 ch. leave timber
N. 18½. E.	7.41	
N. 6¾. E.	8.89	
N. 72½. E.	5.03	
S. 66¼. E.	1.59	
N. 84½. E.	7.36	
S. 54¼. E.	6.01	
S. 7½. E.	4.49	
S. 30½. W.	7.35	
S. 28¼. E.	6.22	
S. 39½. E.	8.17	
S. 55¼. E.	11.24	Center timber
S. 22¾. E.	4.77	

Township 1. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances ch.	
S. 2½. E.	7.86	
S. 57½. E.	3.94	Shallow (in rapids)
N. 49¼. E.	3.61	Mill Site, at this point
N. 44¾. E.	7.50	
N. 6¾. W.	9.56	
N. 43¼. E.	3.99	
N. 32¾. W.	3.82	Leave timber - bearing S. W.
N. 3½. W.	11.62	at. 6.50 chains. a Log house on left bank of river
N. 55½. E.	4.16	
S. 49½. E.	9.82	
S. 67¾. E.	8.52	
S. 74. E.	3.20	fractional The Corner to Sections 22. and 23.
		Land. principally bottom ~~[illegible]~~ prairie. Soil close to river pt. rate fit for Cultivation
		Timber. Walnut. Elm. Maple. Hackberry etc.
		Undergrowth Sass and hazel.
		~~Meanders Continued from this Corner. in page 35.~~
~~S. 55 E.~~		~~Meanders in Section 23.~~
33		Note. I found on arriving with my meandering at the Corner to Fractional Sections 22 & 23 that the line between those two Sections. Crosses

Township 1. North. Range 16. East. of the 6th Principal Meridian

the Great Nemaha River. into the Sac. and Fox. Reservation. and back
against the United States Land,

Chains.		Courses	Distances Ch.	
	From the quarter Corner to Sections 22 & 23. Run East. on blank line. Variation 11°. 32'. East.	S. 65°. E.	3.42	Meanders in Section 23.
8.00	to a point.	S. 31¼. E.	2.07	
	Thence South. on blank line	S. ½. E.	3.30	
13.55	Chains to a point.	S. 27¼. W.	2.47	
	Thence West. on ~~line~~ blank line	S. 46½. W.	3.99	The Corner to fractional Sections 22 & 23
8.00	Chains to a point on West boundary of Section 23 making the distance South of the N. W. Corner of Section 23.	S. 114. W.	1.96	Meanders in Section 22.
		S. 61¼. W.	2.94	at 81 links enter timber
		N. 88. W.	4.40	
		S. 40½. W.	2.61	
		S. 28¼. W.	3.68	—
5 43.55	Chains. Marked a Cottonwood tree 22in. in diam for Corner to fractional Sections 22. and 23. on left bank of the Great Nemaha River. enter timber. bearing N. E. & S. W.	S. 24. W.	2.92	
		S. 50. E.	2.54	head of shallows (or rapids)
		N. 74. E.	4.38	mouth of Pony, or Rock Creek 80 links wide. in right bank Course in from the South.
6 50.68	an Elm 30in. in diam	N. 41½. E.	3.43	At 1.50 chain head of small island
6 ~~5~~ 2.00	Set a Maple Post. on the Left bank of the Great Nemaha River, for Corner to Fractional Sections 22 & 23. From which a Sycamore 25in. in diam bears S. 70°. W. dist. 38 links an Elm. 23in. in diam bears N. 45°. E. dist. 43 links Land, river bottom. Soil rich. fit for Cultivation Timber, Walnut. Elm. Bur Oak &c.	N. 75¼. E.	2.93	The Corner to Fractional Sections 22. and 23. At 105 links. foot of small island. Land, river bottom. Soil good. fit for Cultivation. Timber. Walnut. Elms. Hackberry &c. Undergrowth. Same.

Township 1. North, Range 16. East of the 6th Principal Meridian

Township 1. North, Range 16 East of the 6th Principal Meridian

Courses	Distances Ch.	
N. 68½ E.	4.66	Meanders in section 23
N. 89 E.	4.11	
S. 48½ E.	6.13	
N. 81 E.	4.27	
N. 7½ E.	4.43	
N. 7½ E.	4.74	
N. 64 E.	4.20	
N. 78 E.	2.51	
S. 86½ E.	5.94	
S. 65½ E.	3.34	
S. 36 E.	6.76	
S. 47¾ E.	4.12	
S. 59¾ E.	4.59	
S. 62 E.	4.67	
S. 86 E.	4.50	
N. 50½ E.	3.37	
N. 71 E.	2.98	
N. 9½ W.	4.26	
N. 37½ W.	9.97	
N. 3¾ W.	2.64	
N. 45 E.	4.58	at 2.50 chains. Stream puts in from the North.
S. 58¾ E.	10.03	

Township 1. North, Range 16 East of the 6th Principal Meridian

Courses	Distances Ch.	
39 E.	7.18	
S. 20½ E.	3.66	Fractional
S. 65½ E.	3.47	The Corner to Sections 23. 24. Soil indifferent. Not fit for Cultivation Timber. Elm. Bur Oak. Walnut. Hickory & Hackberry.
		Meanders in Section 24.
S. 65½ E.	3.55	Lean timber
N. 7¾ E.	7.14	
N. 57¼ E.	10.14	
S. 86 E.	3.91	at 3.00 chains. Drain Comes in from the North. Bluff Comes Close up to river on left bank. Center timber.
S. 13 E.	1.40	
S. 64 W.	16.75	at 5.00 Stream of Spring water. rises 100 links East. in bluff.
N. 13¾ E.	4.27	The Corner to fractional Sections 24. and 25. February 18th 1856.
		Meanders in Section 25
S. 8 W.	7.48	
39¾ E.	4.82	
S. 87½ E.	8.48	at 7.50 ch. Lean timber
S. 52 E.	7.21	Center timber
N. 15¼ W.	4.24	
N. 51 W.	4.82	
S. 24 W.	18.20	Mouth of Walnut Creek or South Forks of the Great Meander River 70 links wide. bears S. 75° W. (on right bank)

Township 1. North. Range 16. East. of the 6th Principal Meridian

Chains	Distances	
		ch.
S. 59. E	4.92	
S. 88½ E	7.09	
N. 35½ E	2.40	
N. 25½ E	12.99	
N. 78 E	11.90	
S. 78¾ E	3.68	
S. 28 E	7.69	
S. 57¼ E	6.03½	Stream 25 links wide Comes in on right bank bears S. 57
N. 69¼ E	4.36	Creeks Come in to right bank
N. 34¾ E	13.27	
N. 13 E	10.30	
N. 47¼ E	4.57	The Corner to the range line. East boundary of Township. not finding a meander Corner established from South. From the Corner to Sections 24. & 25

Variation 11°. 23 East

12.20 Chains Set Walnut Post. on the Left bank of the Great Nemaha River. For Corner to Fractional Sections 25 & 30 From which. an Elm, 25in in diam bears N. 63½ W. dist 13 l

Walnut. 32in in diam, bears N. 44 E. dist 4

Land. bottom land. Soil rich. fit for Cultivation

Timber. Elm. Walnut. Bur Oak. Hickory. Hackberry &c,

February 19th. 1856.

"General Description".

The quality of land in this Township is of a first rate order quality, or at least the upland, or Rolling prairie. The soil 1st rate. well adapted for farming. being also well watered. and Springs of pure water abounding. The bottom land lying north of the Great Nemaha River is of an inferior quality - except a strip from 10 to 20 chains wide along the bank of the river, it is unfit for Cultivation. The Streams. and drains descending from the Rolling prairie sink on reaching the bottom Land. which renders the soil soft and Spongy - ~~bid~~ a kind of peat soil.

Lime Stone abounds all through the Township.

The River (Great Nemaha) is a fine Stream. contains 3 excellent Mill sites one the N. W¼. of Section 20. one the S. W¼. of Section 21 and one the S. E¼. of Section 22

Timber. is scarce. There is a small body on Sections 18. and 20 also on Section 21. 22. 24. & 25 all on the Great Nemaha River. There is also some timber on Muddy Creek.

Chiefly. Walnut. Bur Oak. Elm. Hickory. Hackberry & Maple

There are 9 settlements in the Township. one on the N. E¼. of Section 1. one on the N. E. one on the N. W¼. of Section 2 two on the N. E¼. of Section 12. one on the S. W¼. of Section 18. one on the S. W¼. of Section 21. one on the S. E¼. of Section 22. two on the S. W¼. of Section 24.

"List of Names"

A. List of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field notes of Township number one north of the base line and Range number sixteen east of the sixth Principal Meridian. Showing the respective capacities in which they acted.

Denis Mc. Manus	Chainman
Austin Waldron	Chainman
Patrick J. Mc Manus	Axeman
Patrick Waldron	Flagman.

We hereby certify that we assisted Michael Mc. Manus Deputy Surveyor in subdividing and meandering Township number one north of the base line of Range sixteen east of the sixth Principal Meridian, and that said Township 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.

Denis Mc Manus Chainman
Austin Waldron Chainman
Patrick J. McManus Axeman
Patrick Waldron Flagman.

Subscribed and sworn to by the above named persons before me Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 12th day of April 1856

Edwin P. Vedder
Deputy Clerk

I, Michael Mc. Manus Deputy Surveyor, do solemnly swear, that in pursuance of a contract with "John Calhoun", Surveyor of the public lands of the United States in the Territories of Kansas and Nebraska, bearing date the nineteenth day of October A. D. 1855, and in strict conformity to the laws of the United States, and the instructions of the Surveyor General, I have faithfully surveyed the subdivision lines of Township number one north of the base line, Range number sixteen east of the sixth Principal Meridian in Nebraska Territory aforesaid, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Michael Mc. Manus
Deputy Surveyor.

Subscribed by said Michael Mc Manus, Deputy Surveyor and sworn to before me a Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 12th day of April 1856

Edwin P. Vedder
Deputy Clerk

(3) 2 (Public Lands)

Contract No. 49. (Oct 19 1855)

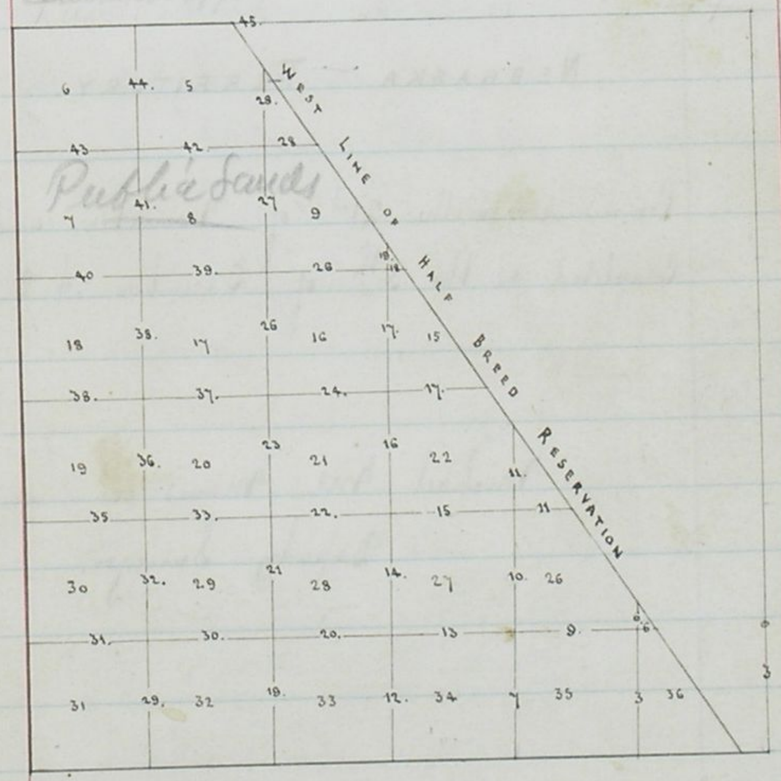
INDEX.

Copied

Referring the lines to the pages of the field-notes.

Township 2. North. Range 16. East.

of the 6th Principal Meridian.



Field notes of the Subdivision lines in fractional Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	To determine the proper adjustment of my Compass for subdividing this Township. I commence at the Corner to Townships 1. and 2. North. Ranges 16. and 17 East and run, North. on a blank line along the East Boundary of Sect.
	Variation 11°. 40' East.
40.02	To a point 21 links West of a tree marked for quarter Section Co
84.89	To a point 49 links West of a Stone. marked and set. for Corner to Sections 25 and 36.
	To retrace this line or run parallel thereto. my Compass must be adjusted to a Variation of 11°. 20'. East.
	Subdivision Commenced November 21st. 1855.
	From the Corner to Sections 1. 2. 35 and 36. on the South boundary of the Township. Drew North. between Sections 35. and 36
	Variation 11°. 20'. East.
10.00	Leave Muddy Creek bottom. begin to ascend gently
13.50	Fence of Settlers improvement 50 links West. fence bears S. of W. and W. of N. about 20 acres in Cultivation. a house on the improvement
15.90	Road bears S.W. to Salem. N.E. to Archer
29.10	Road bears. S.E. and N.W.

Township 2. N. Range 16. E. of the 6th Principal Meridian

Chains	
39.00	Edge of Ravine runs West.
40.00	Set a Stone for quarter Section Corner. from which
	A. Cotton wood 16in. in dia. bears S. 59°. W. 38 links distant.
	A. Black Oak 7in. in dia. bears N. 40½. E. 92 links dist.
41.00	Edge of Ravine.
54.60	Summit of Ridge. bears. S.W. and N.E.
65.56	Edge of Ravine
66.55	Lynn 4 in in diam.
68.00	Stream 4 links wide runs S.W.
70.00	Same Stream. runs. S.E.
73.00	leave brush
76.80	Edge of Ravine
78.50	Edge of Same
80.00	Set Cotton wood post in Ravine for Corner to Sections 25. 26. 35 & 36.
	From which.
	A. Cotton wood 4in. in diam. bears S. 14°. 0'. E. 13 links distant
	A. Cotton wood 5in. in diam bears. N. 27°. E. 49 links distant
	No other trees Convenient to mark. and Corner falling in Ravine. Could not erect mound - at 79.50 Chains.

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	or 50 links South of true Corner. S.
	Set a Cotton wood post in Mound. Charred Stake at Centre
	point. with trench. and pits as per instructions. for
	witness Corner to Sections 25. 26. 35 & 36. marked the
	Side of the post facing true Corner with the letters
	W.C (witness Corner) in addition to the regular marks.
	Land. part Creek bottom. principally rolling prairie. much
	broken by ravines. Soil 2nd rate. fit for Cultivation
	Scattering Timber on Muddy Creek. and on the ravines
	principally Elm. Burr Oak. Hickory and Ash.
	The Town of Archer (The present Seat
	of Richardson County) is laid off on Section 36.
	it contains at present one Store. one tavern. and two
	dwelling houses. built of Logs. I have made
	no Connection with the lines of said town.
	November 21st. 1855.
	East on true line between Sections 25. and 36
	knowing that I will strike the West line of the

+ and from which a Cotton wood 4in. in diam. bears N. 4½°. E. 36 links, it being the 1st tree described from true Corner.

Township 2. N. Range 16. E. of the 6th Principal Meridian

Chains	
	Half Breed Reservation, in less than 80.00 Chains
	Variation 11°. 20'. East.
1.50	Edge of ravine
5.22	Set an Elm post in Mound, charred Stake at Centre point. trench
	as per instructions. for fractional Corner to Sections 25. & 36.
	at intersection of West line of Half Breed Reservation a Stake on
	H.B. Line Stands N. 33½°. W. 17.74. Chains. one Stands S. 33½°. E.
	22.14 Chains. Variation on H.B. Line. 11°. 16'. East.
	Land. Prairie. Soil 1st rate, fit for Cultivation
	North. Between Sections 25. and 26.
	Variation 11°. 20'. East.
60	Edge of Ravine, runs South.
7.90	Set a Cotton wood post in Mounds. charred Stake at Centre point.
	Trench &c. as per instructions. for fractional Corner to
	Sections 25 & 26. at intersection of West line of the Half
	Breed Reservation. The Mound is. 12.65 chains S. 33½°. E.
	from a Stake on Half Breed line. and 9.49 chains N. 33½°. W.
	from fract. Corner to Sections 25. and 36.
	Land. Prairie. gently rolling. Soil 1st rate.
	Fit for Cultivation.

Township 2. North. Range 16 East. of the 6th Principal Meridian.

Chains	
	North. Between Sections 34. and 35.
	Variation 11°. 20'. East.
3.65	Hickory 3in. in diam. enter timber
3.95	Stream 8 links wide. runs E. of North
7.36	Elm 7in. in diam.
8.00	Leave timber enter hazel brush. bearing S.W. & N.E.
10.90	Dry ravine bears E. heads about 8.00 chains West.
15.40	Leave hazel brush. enter prairie
28.10	Indian trail bears E. and W.
28.70	Fence 30 links West. about 8 acres in improvement.
30.00	A point from which a Log house (Benjamin Leitchman) Stands 8 chain West
31.20	Enter brush. and Scattering timber.
36.30	Touch right bank of Muddy Creek. runs S.E.
38.00	Leave do. do.
40.00	Set a Walnut post. for quarter Section Corner. from which
	A. Black walnut 11in. in diam. bears N. 61½°. W. 3½ links
	An Ash 13in. in diam: bears S. 61½°. E. 8 links
47.30	Right bank of Muddy Creek. runs S.E.
48.00	Left bank of Same

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
48.50	Stream of clear water 10 links wide. Steep banks. runs S.W. enters Muddy Creek 70 links, S.W.
49.60	Same Stream. runs S.E. Settlers Log house (Wm. Trammels) Stands 10 chains East.
52.25	Same Stream. runs S.W
53.90	Same Stream. runs S.E
55.30	Same Stream. runs S.W
58.60	Same Stream. runs. S.E.
60.70	Same Stream. runs S.W
65.00	Touches Same Stream. runs S.E.
67.30	Same Stream. runs S.E
68.15	Same Stream. runs. S.W
68.90	Same Stream. runs. S.E.
71.15	Same Stream. runs S.W
72.60	Same Stream. runs. S.E.
74.10	Touches Same Stream. runs S.W.
77.60	Road. (old Indian trail S.E. to Archer. N.W. up Muddy Creek
78.20	Same Stream. runs. S.W.
80.00	Set Black walnut Post. in Mound. Charred Stake in Centre point. Trench. and pits as per instructions

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	For Corner to Sections 26. 27. 34 & 35.
	Land. principally Creek bottom. part rolling prairie
	bottom land. rich soil 1st rate. not subject to inundation
	all fit for Cultivation.
	Timber. Scattering on both banks of Muddy Creek and
	its tributaries for a short distance from their mouth
	Principally. Elm. Ash. Walnut. Hickory & Bur oak.
	Undergrowth Same. and hazel.
	East. on random between Sections 26. and 35
	Variation 11°. 20' East.
65.	Stream runs South.
40.00	Set post for temporary quarter Section Corner.
40.30	Drain runs South. heads about 15 chains North.
64.15	Stream 10 links wide runs East of South.
79.78	Intersected N. and S. line. 37 links North of Corner
	to Sections 25. 26. 35 & 36. from which Corner Drew
	West. on a true line. between Sections 26. and 35.
	Variation 11°. 04'. East.
39.89	Set a Sand Stone 15 inches long. 13 inches wide and 3 inches thi

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	for quarter Section Corner.
79.78	The Corner to Sections 26. 27. 34. and 35.
	Land. Prairie. gently rolling. Soil 1st rate.
	fit for Cultivation. November 22nd 1855.
	North. Between Sections 26. and 27.
	Variation 11°. 20'. East.
6.00	Leave Muddy Creek bottom. begin to ascend.
40.00	Set Sand Stone 18in long. 10 inches wide and 4 inches thick
	for quarter Section Corner. planted a Bur oak acorn 6 links North
	and one 6 links South.
71.00	Road. bears East to Archer. West to Salem.
80.00	Set a Lime Stone 18 inches long. 10in wide. and 8 inches
	thick for Corner to Sections 26. 27. 23. and 22.
	Land. High rolling prairie. Soil 1st rate.
	fit for Cultivation.
	East. on true line between Sections 23. and 26
	Knowing that it will strike the West line of the
	Half Breed Reservation. in less than 80.00 Chains

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	Variation 11°. 20'. East.
5.35	Drain (or Slough) runs South. heads about 50 chains North
10.00	top of ridge bears N. and S.
12.50	Drain runs S. E.
17.50	Stream of Clear Water. 15 links wide. Steep banks. 20 feet high. runs S. E.
31.78	Set a Bur Oak Post in Mound. Charred Stake at Centre point. French &c. as per instructions. for Corner to fract. Sections 23. and 26. at intersection of West line of Half Breed Reservation. a Stake Stands. 5.54 chains. N. 33°. 30'. W. from Mound. Variation of Half Breed line 11°. 15'. East. Land. High rolling prairie. Soil 2nd. rate fit for Cultivation.

North. Between Sections 22. and 23.

Chains	
	Variation 11°. 20'. East.
18.20	Drain (or Slough) runs S. E. heads about 25 chains N. W.
40.00	Set a Lime Stone. 16 inches long. 10 inches wide and 4 inches thick. for quarter Section Corner.
47.90	Set an Ash Post in Mound. Charred Stake at Centre point. French &c. as per instructions;

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	for Corner to fractional Sections 22 & 23 at intersection of West line of the Half Breed Reservation. a Stake Stands 12.18 chains S. 33°. 30' East. from Mound. Land. High rolling prairie. Soil 1st. rate. fit for Cultivation. November. 23rd. 1855.

North. Between Sections 33. and 34.

Chains	
	Variation 11°. 20'. East.
7.80	Drain (or Slough) runs N. E. (begin to ascend.)
18.00	top of Ridge bears N. E. & S. W. about 90 feet above Muddy Creek bottom land.
38.10	Stream 6 links wide. runs East.
40.00	Set a Blue Lime Stone 15 inches long. 12 inches wide and 4 inches thick. for quarter Section Corner.
51.00	top of Ridge. about 80 feet above Muddy Creek bottom land.
68.00	Enter Muddy Creek bottom. bears East. and West.
80.00	Set a Bur Oak Post in Mound. Charred Stake at Centre point.

Township 2. North. Range 16. East. of the 6th. Principal Merid

Chains	
	Trench and Mounds as per instructions for Corner to sections No. 27. 28. 33. and 34.
	Land. part Creek bottom. Principally rolling prairie Soil 2nd. rate, fit for Cultivation
	East. on random between Sections 27. and 34. Variation 11°. 20'. East
40.00	Set Stake for temporary quarter section Corner.
46.00	Right bank of Muddy Creek. runs S. E.
46.80	Left bank of Same. Steep banks 18 feet high. Current rapid 3 feet deep.
54.00	a Point from which a settlers (J. R. Trammels) Log house. bears South. 5.00 chains distant.
79.72	Intersected N. and S. line 89 links North of Corner to Sections 26. 27. 34. + 35. from which Corner I run West. on a true line between Sections 27. and 34. Variation 10°. 4½'. East.
39.86	Set an Ash post in Mound. charred Stake at Centre point Trench and Mounds as per instructions for quarter section Corner.
79.72	The Corner to sections 27. 28. 33. and 34. Land. Muddy Creek bottom land. Soil rich

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	1st. rate. fit for Cultivation. Not subject to inundation. Scattering timber on both banks of Muddy Creek
	North. Between Sections 27. and 28. Variation 11°. 20'. East.
40.00	Set an ash post for quarter Section Corner. from which An Elm 10 in. in diam. bears N. 52°. W. 65 links distant An Ash 6 in. in diam. bears. N. 38½°. E. 104 links distant.
40.25	Right bank of Muddy Creek. runs S. E.
41.00	Left bank of Same. Steep banks about 20 feet high. Current rapid. 3 feet deep.
56.00	Leave Muddy Creek bottom. bears N. W. and S. E.
80.00	Set an Ash Post in Mound. ~~Charred Stake at Centre point~~. Stone 5in. long. 3in. thick and 3in. wide. marked thus X at Centre point. Trench. and pits. as per instructions. For Corner to Sections 21. 22. 27. and 28. Land. Principally Creek bottom Soil 1st. rate fit for Cultivation. Not liable to overflow Scattering timber on both banks of Muddy Creek.

Township 2. North. Range 16. East. of the 6th. Principal Merid

Chains	
	East. on random. between Sections 22. and 27. Variation 11°. 20'. East.
25.00	Ascending to this point. begin to descend.
33.20	Stream 6 links wide. runs East. of South. begin to as
40.00	Set Stake for temporary quarter Section Corner.
47.00	top of Ridge. begin to descend.
51.80	Drain (or Slough) runs W. of S. heads 10 chains E. of N.
58.00	top of Ridge begin to descend.
59.40	Road. bears S.E. to Archer. N.W. to Salem
61.85	Drain (or Slough) runs S.W. heads about 15.00 chains N.
79.78	Intersected N. and S. line 88 links North of Corner to Sections 22. 23. 26. and 27. from which Corner I run West. on a true line between Sections 22. and 27. Variation 10°. 42'. East.
39.39	Set a Sand Stone 16 inches long. 8 in. wide. and 7 inches thick for quarter Section Corner.
79.78	The Corner to Sections 21. 22. 27. and 28.

Land High rolling prairie - Soil 1st. rate. fit for Cultivation. November. 24th. 1855

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	North. Between Sections 21. and 22. Variation 11°. 20'. East.
1.14	Drain or Slough runs S.W.
6.00	Same Drain. runs S.E.
8.00	Same Drain runs S.W.
12.90	Same Drain. runs S.E.
19.40	Road. bears East to Archer. West to Salem
27.00	Drain (or Slough) heads 3 chains East. runs South. West.
40.00	Set Post in Mound. Charred Stake at Centre point. French &c. as per instructions. for quarter Section Corner.
55.00	Top of Ridge or mound. about 130 feet above Muddy Creek bottom.
59.00	begin to descend
61.50	Drain heads 1.25 chains West. runs W. of N.
80.00	Set a Lime Stone 22 inches long. 8 inches wide. and 8 inches thick for Corner to Sections 15. 16. 21. and 22. Land High rolling prairie. Soil mostly 1st. rate fit for Cultivation.

East. on true line. between Sections 15. and 22. Knowing that I will strike the West line of.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	The Half Breed Reservation in less than 80.00 chains.
	Variation 11°. 20'. East.
25.00	Top of Ridge bearing N.E. and S.W. ascending to this point
30.00	Drain (or Slough) runs S.W.
40.00	Set a Lime Stone 15 inches long. 12 inches wide & 4 inches thick for quarter Section Corner.
57.91	Set a Bur Oak post in Mound. charred Stake at Centre point. Trench &c. as per instructions. for Corner to fractional Sections 15. and 22. at intersection of West line of the Half Breed Reservation. a Stake Stands 11.55 chains S. 33°. 30'. E. from Mound.
	Variation of Half Breed Line. 11°. 16'. East.
	Land. High Rolling prairie. Soil 2nd. rate fit for Cultivation.

North. between Sections 15. and 16.

Variation 11°. 20'. East.

2.30	Stream of Clear water. 15 links wide. runs S.W. Steep banks 20
26.50	Drain (or Slough) runs South. 20 links east of line
40.00	Set Hickory Post in Mound. charred Stake at Centre point

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	Trench. and Pits as per instructions. for quarter Section Corner.
45.30	Drain runs South East heads 10 chain West of North.
74.00	Ascending to this point. begin to descend
80.00	Set an Elm Post in Mound. charred Stake at Centre point. Trench & Pits, as per instructions. For Corner to Sections 9. 10. 15. and 16.
	Land. High rolling prairie. Soil 1st. rate fit for Cultivation.

East. on true line knowing that will strike the West line of the Half Breed Reservation. in less than 80.00 chains. Between Sections 10. and 15

Variation 11°. 20'. East.

4.87	Set a Bur Oak Post in Mound. charred Stake at Centre point. Trench &c. as per instructions. for Corner to Fractional Sections 10. and 15. at intersection of West line of the Half Breed Reservation. a Stake Stands 12.40 chains N. 33°. 30' W. of mound. and fractional Corner to Sections 9 & 10 Stands N. 33½. W. 8.72 chains from Mound.
	Variation on Half Breed Line 11°. 16'. East.

Township 2. North. Range 16. East. of the 6th. Principal Mer.

chains.	
	Land. Prairie, gently rolling. Soil 1st. rate. fit for Cultivation
	North. Between Sections 9. and 10.
	Variation 11°. 20'. East.
7.24.	Set an Ash post in Mound. charred Stake at Centre point. Trench &c. as per instructions. for Corner to Fractional Sections 9. and 10. at intersection of West line of the Half Breed Reservation. A. Stake Stands 3.69 chains N. 33½°. W. from Mound.
	Variation of Half Breed Line. 11°. 16'. East.
	Land. Rolling prairie. Soil 1st. rate. fit for Cultivation.
	November 26th. 1855
	North. Between Sections. 32. and 33
	Variation 11°. 45'. East.
6.00	Drain runs N. E.
16.10	Drain runs N. E.
22.00	Drain (or Slough) runs East. heads about 10.00 chains West
40.00	Set a Bur Oak Post in Mound. Stone 4in. Square. and 3 inches thick. Marked thus + at Centre point. Trench &c. as per instructions. For Quarter

Township 2. North. Range 16. East. of the 6th. Principal Meridian

chains	
	Section Corner. Slough heads 4.00 chains West runs E. of N.
53.00	Same Drain or Slough runs N. E.
57.00	Drain runs East. heads about 8.00 chains West.
65.00	top of Ridge bears N. E. & S. W. begin to descend
72.00	head of Drain runs W. of N.
75.00	Same Drain
80.00	Set a Bur Oak Post in Mound. Stone 8 inches long. 6 inches wide. and 3 inches thick Marked thus + at Centre point. Trench. and Pits. as per instructions. For Corner to Sections 28. 29. 32. and 33.
	Land. High rolling prairie. Soil 2nd. rate. gravelly. fit for Cultivation.
	East. on random line. between Sections 28. and 33.
	Variation 11°. 45'. East
13.00	Ascending to this point. begin to descend.
34.86.	Enter Muddy Creek bottom. bears N. and S. E.
40.00	Set a Stake for temporary quarter Section Corner
49.00	Drain (or Slough) links here. imperceptibly. heads. S. W.
80.00	Intersected N. & S. line 76 links North of Corner

Township 2. North. Range 16. East. of the 6th. Principal Merid

Chains	
	to Sections 33. 34. 27. and 28. from which Corner, Drum West. on a true line. Between Sections 28 & 33.
	Variation 11°. 12'. East.
40.00½	Set a Bur Oak Post in Mound. Stone 4in. long. 4in. wide and 4in. thick at Centre point. Trench. and pits as per instructions. For quarter Section Corner.
80.01	The Corner to Sections 28. 29. 32. and 33.
	Land. part Rolling prairie. principally bottom land. Soil 2nd. rate. fit for Cultivation. Bottom land not Subject to inundation.

North. Between Sections 28. and 29.

Variation 11°. 45'. East.

16.50	Drain. or Slough. runs E. of N. descending to this point
30.00	descending to this point. begin to descend.
37.00	Enter Muddy Creek bottom. bearing West. and S. E.
40.00	Set an Elm Post in Mound. Stone 7 inches long. 5 inches wide. and 4 inches thick. at Centre point. Trench &c. as per instructions. For quarter Section Corner
47.20	Right bank of Muddy Creek.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
48.20	Left bank of Muddy Creek. bears S. E. Current gentle. 4 feet deep. Banks 20 feet high. & Shelving
57.70	Enter Cornfield (John Heuckendorffs improvement)
	fence bears N. 53°. E. S. 53°. W.
79.50	Leave Corn field. bearing N. 53°. E. and S. 53°. W.
80.00	Set Post in Mound. Charred Stake at Centre point. Trench and pits, as per instructions. For Corner to Sections 20. 21. 28. and 29.
	Land. partly rolling prairie, and Creek bottom, Rolling prairie. Soil 2nd. rate & gravelly. bottom land rich. 1st. rate. all fit for Cultivation Scattering timber on Creek. a Considerable body of timber on N. E. ¼. of Section 29. Elm. Hickory Ash Walnut. Undergrowth Same. and hazel.

East. on Random line. Between Sections ~~20~~ and 21. & 28.

Variation. 11°. 45'. East.

3.00	Enter Cornfield. bearing N. 53°. E. and S. 53°. W.
16.53	Stream of clear Water. 15 links wide. Steep banks. rapid Current. runs E. of S. leave Corn field bearing N. 53°. E. and S. 53°. W.
25.08	Leave Muddy Creek bottom. bearing N. and S.
32.28	Drain. runs S. W. heads about 10.00 chains N. E.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
39.58	Top of Ridge. bears N. and S. about 60 feet above Muddy Cre[ek] bottom land.
40.00	Set Stake for temporary quarter Section Corner.
55.08	Center Muddy Creek bottom. bearing N. E. & S. W.
68.08	Leave the Same. bearing N. W. & S. E.
79.82	Intersected N. and S. line. 58 links. North of Corner to Sections 21. 22. 27. and 28. From which Corner S. run West. on a true line. Between Sections 21. and 28.

Variation. 11°. 20'. East.

Chains	
39.91	Set an Ash post in Mound. charred Stake at Centre point. French. and pits as per instructions. For quarter Section Corner.
79.82	The Corner to Sections 20. 21. 28. and 29. Land. part rolling prairie. part bottom land Soil 1st. rate. fit for Cultivation.

North. Between Sections 20. and 21

Variation 11°. 45'. East.

Chains	
13.25	Road. bears East to Archer. West to Salem
25.70	Enter Corn field. bears S. W. & N. E.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
27.50	Leave Corn field, (being 5.00 & 10.50) and Muddy Creek bottom, (leaving 7.50 and 5.00) about 50 Acres in Cultivation (Louis Miplat's improvement)
40.00	Set an Elm Post in Mound. charred Stake at centre point. French. and Pits. as per instructions. For quarter Section Corner. (begin to ascend.
58.50	Begin to descend
63.00	Drain (or Slough) runs S. W. Sinks in bottom land
80.00	Set a Lime Stone 24 inches long. 13 inches wide. and 11 inches thick For Corner to Sections 16. 17. 20. and 21. Land. Part Rolling prairie. part bottom land. Soil 1st. rate. all fit for Cultivation. Bottom land not subject to overflow.

November 29th. 1855.

East. on random line. Between Sections 16. and 21.

Variation 11°. 45'. East.

Chains	
8.13	Drain runs S. W. heads about 12.00 chains E. of N. (Descending to this point.)
16.63	Top of Ridge. bearing N. and S. about 100 feet above Level of Muddy Creek bottom. (begin to descend.
37.23	Stream runs S. E. heads about 30.00 chain N. W.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
40.00	Set Stake for Temporary quarter Section Corner. (Enter Timber) bearing N. and S.
42.13	Stream of Clear Water 15 links wide. runs S.W.
45.88	Leave Timber. and brush. bearing N. and S.
52.63	Drain runs South. heads about 6 chains North.
77.03	Stream of Clear Water. 10 links wide. runs S.W.
79.95	Intersected N. and S. line. 58 links North of Corner. to Sections 15. 16. 21. and 22. and from which Corner. Drew West. on a true line. between Sections 16. and 21.
	Variation 11°. 20'. East.
39.97½	Set Post. for quarter Section Corner. from which
	A. Wild Cherry 20. inches in diam. bears S. 32°. E. 70 links di
	An Elm 15 inches in diam. bears N. 8½°. W. 1 1/2 links di
79.95	The Corner to Sections. 16. 17. 20. and 21.

Land. High rolling prairie Soil 1st. rate. fit for Cultivation.

Timber. Scattering on the Streams there is a considerable body of it on the S. end of the S.E. and S.W. quarters of Section 16. and on the North end of the N.E. and N.W. quarters of Section 21. Principally Elm. Walnut. Ash & Hickory

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains.	
	North. Between Sections 16. and 17.
40.00	Set a Cotton wood post. in Mound. Charred Stake at Centre point. Trench and Pits as per instructions. For quarter Section Corner. V 11° 45' E
80.00	Set a Lime Stone. 24 inches long. 11 inches wide. and 10 inches thick. for Corner to Sections 8. 9. 16. and 17.
	Land. Prairie gently rolling. Soil 1st. rate fit for Cultivation.
	East. on Random line. Between Sections 9. and 16.
	Variation 11°. 45'. East.
15.00	Drain (or Slough) ~~runs East~~. heads 3 chain North. runs E.
27.00	Drain (or Slough) runs E. of S.
33.60	Top of Ridge
40.00	Set Stake for temporary quarter Section Corner
45.40	Stream of Clear Water. 10 links wide. rapid Current. Steep banks. 25 feet high. runs South.
48.00	Enter Swamp (on hill side) bearing N. & S.
57.00	Leave Swamp. bearing N. & S.
67.00	top of Ridge
73.20	Drain runs N.W. heads about 8 chain S.E.

Township 2. N. Range 16. East. of the 6th Principal Merid

Chains	
80.11	Intersected N. and S. line 39 links North of Corner to Sections. 9. 10. 15. and 16. from which Corner. Drum. West. on a true line between Sections 9. and 16. Variation 11°. 28' East.
40.05½	Set an Elm Post in Mound. Charred Stake at Centre point. Trench. and Pits. as per instructions. For Quarter section Corner.
80.11	The Corner to Sections. 8. 9. 16. and 17. Land. High rolling prairie. 2nd. rate Soil fit for Cultivation.

North. Between Sections 8. and 9.
Variation 11°. 45'. East.

19.00	Drain (or Slough) heads 2.00 chains West. runs S. W.
37.00	Head of Drain. runs S. E.
40.00	Set an Elm Post in Mound. Charred Stake at centre point Trench. and Pits as per instructions. For quarter Section Corner.
47.00	Summit of prairie. about 150 feet above Muddy Creek bottom la
74.00	head of Slough. runs S. E.

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
80.00	Set a Lime Stone. 19 inches long. 13 inches wide. and 10 inches thick. For Corner to Sections. 4. 5. 8. and 9. Land. Prairie. gently rolling. Soil 1st. rate fit for Cultivation.

East. on a true line. Between Sections 4. and 9. Knowing that it will Strike the West line of the Half Breed Reservation. in less than 80.00 chains.
Variation 11°. 45'. East.

28.00	Drain runs N. E.
31.78	Set Cotton wood post in Mound. Charred Stake at Centre point. Trench and Pits as per instructions. ~~For quarter Section Corner.~~ For Corner to Fractional Sections 4. and 9. at intersection of West line of the Half Breed Reservation. a Stake No. 2½. Stands 3.99 chains. S. 33°. 30 E. from Mound. Land. High rolling prairie. Soil 1st. rate. fit for Cultivation.

North. Between Sections 4. and 5
Variation 11°. 45. East.

40.00	Set a Lime Stone. 16 inches long. 14 inches wide. and 3. inches thick. For quarter Section Corner.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
48.14	Set Cotton wood post in Mound. charred Stake at Centre point. Trench and Pits. as per instructions. For Corner to Fractional Sections 4. and 5. at intersection of West line of the Half Breed Reservation. a Stake. marked No. 20. Stands 18.16 chains N. 33½. W. and one Marked No. 20½. Stands 21.79 chains. S. 33½. E. from Mound. Variation of Half Breed Line. 11°. 33'. East. Land. Prairie. gently rolling. Soil 2nd. rate. fit for Cultivation. November 30th. 1855
	North. Between Sections 31. and 32. Variation 11°. 56'. East.
2.00	Head of drain. runs N. W.
18.30	Drain. runs West. heads 5.00 chains East.
24.00	——
40.00	Set an ash post in Mound. Stone 5in. long. 4 inches wide and 4 inches thick. marked thus + at Centre point. Trench and Pits. as per instructions. For quarter Section Corner.
56.90	Drain (or Slough) runs N. W.

Township 2. North. Range 16. East, of the 6th. Principal Meridian

Chains	
61.10	Drain. runs West. heads about 9.00 chains East.
80.00	Set an Ash post in Mound. charred Stake at Centre point. Trench and pits. as per instructions. For Corner to Sections 29. 30. 31. and 32. Land. High rolling prairie. Soil 2nd rate fit for Cultivation.
	East. on random line Between Sections 29. and 32. Variation 11°. 56'. East.
12.45	Ascending to this point. begin to descend
18.90	Drain runs N. E. heads 5.00 chains S. W.
25.50	Stream. 5 links wide. runs North
29.90	Same Stream. heads about 40.00 chains South.
40.00	Set Stake for temporary quarter Section Corner
41.00	Drain runs S. W.
53.00	top of Ridge. (begin to descend
60.00	Drain runs North. heads 8.00 chains South.
66.00	top of Ridge about 100 feet above Muddy Creek bottom
70.00	Drain Runs N. E. heads about 9.00 chains South
79.20	Drain runs North.

Township 2. North. Range 16 East. of the 6th Principal Meridian

Chains.	
79.90	Intersected N. and S. line. 82 links North of Corner to Sections 28. 29. 32. and 33. from which Corner I run West. on a true line Between Sections 29. and 32. Variation 11°. 22'. East.
39.95	Set an Elm Post in Mound Charred Stake at Centre point Trench and pits. as per instructions. for quarter Section Corner
79.90	The Corner to Sections. 29. 30. 31. and 32. Land. High rolling prairie. Soil 2nd. rate. + gravelly. fit for Cultivation.
	West. on random line. ~~North~~ Between Sections 30. and 31 Variation 11°. 56'. East.
13.29	Stream 8 links wide. runs North.
20.49	Drain (or Slough) runs N. E. heads about 10.00 chains S.W.
40.00	Set Stake for temporary quarter Section Corner.
46.69	Drain runs North. heads 8.00 chains South.
53.99	Drain (or Slough) runs North. heads about 15.00 chains S.
63.19	Drain (or Slough) runs N. E. heads about 30.00 chains S.W.
72.94	Road. bears S.W. to Salem. N. E. to Archer.

Township 2. North. Range 16 East. of the 6th Principal Meridian

Chains	
78.59	Intersected N. and S. line. 52 links South of Corner to Sections 30. 31. 25. and 36. from which Corner I run East. on a true line. Between Sections 30. and 31. Variation 11°. 33' East
38.59	Set Lime Stone. 16 inches long. 11 inches wide. and 3. inches thick. For quarter Section Corner.
78.59	The Corner to Sections. 29. 30. 31. and 32 Land. High rolling prairie. Soil 2nd. rate. fit for Cultivation.
	North. Between Sections 29. and 30 Variation 11°. 56' East.
7.00	Drain runs N. E. heads 1.00 chain East.
18.00	Top of Ridge about 120 feet. above Muddy Creek bottom land. I begin to descend
34.00	Drain. heads 4.50 chain East. runs East.
36.00	Edge of Ravine. 40 feet deep. bears S.W. and N. E.
37.50	Stream of clear Water. 10 links wide. runs N. E.
40.00	Set a Post for quarter Section Corner. from which A. Bur Oak 9in. in diam. bears S. 67°. E. 200 links distant A. Bur Oak 8in. in diam. bears S. 41°. W. 198 links distant

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
63.50	Road. bears N. E. to Archer. S.W. to Salem.
72.00	Ascending to this point. (begin to descend). about 80 feet above Muddy Creek bottom land.
80.00	Set an Elm post in Mound. Charred Stake at Centre point. Trench. and Pits. as per instructions. For Corner to Sections 19. 20. 29 & 30.
	Land. High rolling prairie. South half Soil 2nd rate North half Soil 1st rate. All fit for Cultivation.
	Timber. - Hickory. Bur Oak. &c.
	East. on random line. Between Sections 20. and 29
	Variation 11°. 56'. East.
6.00	Enter brush. bearing
29.60	Road. bears N. E. to Archer. S.W. to Salem.
33.20	Leave brush. and enter Muddy Creek bottom land. bearing N.W.
40.00	Set Stake for temporary quarter Section Corner. enter Timber
42.00	Right bank of Muddy Creek. bearing S. by E.
42.60	Left bank of Same
47.85	Left bank of Same. bearing E. & N.
48.70	Right bank of Same
50.80	Right bank of Same bearing S. E.

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
51.60	Left bank of Muddy Creek.
54.67	Left bank of Same. bearing N. E.
55.47	Right bank of Same
56.50	Right bank of Same bearing S. E.
57.50	Left bank of Same. runs S. E. Leave timber.
79.97	Intersected N. and S. line 81 links North of Corner to Sections 20. 21. 28. and 29. From which Corner Sym. West. on a true line between Sections 20. and 29.
	Variation 11°. 21'. East.
39.98½	Set a B. Walnut Post. for quarter Section Corner. from which a.
	A. Bur Oak 16 inches. in diam. bears. N. 15½°. E. 63 links dist
	A. Bur Oak 16 inches. in diam. bears. S. 81½°. E. 96 links dist
79.97	The Corner to Sections 19. 20. 29 and 30.
	Land. part Rolling prairie. principally Creek bottom land. Soil 1st. rate. fit for Cultivation. Bottom land not subject to inundation.
	Timber. There is a Considerable body of timber on the South end of the S.W. and S.E. 4ths. of Section 20. and on the North end of the N.E. and N.W. quarters of Section 29. principally Bur Oak. Elm. Walnut. Hickory and Ash.
	There is a Settlers Log Ho. (Louis Mispl[illegible]) on the

Township 2. North. Range 16. East of the 6th. Principal Meridian

Chains	
	S.E. quarter of Section 20. and one (John Weckendorffs) on the N.E. quarter of Section 29.
	West. on Random line. Between Sections 19. and 20. Variation 11°. 56'. East.
17.28	Drain (or Slough) runs N.E. heads about 30. chains S. of W.
40.00	Set Stake for temporary quarter Section Corner.
43.28	Top of Ridge. (begin to descend.
49.78	Drain. runs N.W. heads about 10.00 chains S.W.
64.28	Drain. runs North. heads about 12.00 chains South.
69.18	Drain (or Slough) runs N.E. heads about 20.00 chains S.W.
78.19	Intersected N. & S. line. 63 links South of Corner to Sections 19. 30. 24. and 25. From which Corner S. run East. on a true line. Between Sections 19. and 20. Variation 11°. 27'. East.
38.19	Set a Lime Stone. 16 inches long. 10 inches wide. and 5 inches thick for quarter Section Corner.
78.19	The Corner to Sections 19. 20. 29. and 30. Land. High rolling prairie. Soil 1st. rate fit for Cultivation. November 31st. 1855.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	North. Between Sections 19. and 20. Variation 12°. 00 East.
6.00	Center Muddy Creek bottom land. bears N.W. & S.E.
12.35	Maple 5 inches. in diam.
12.80	Right bank of Muddy Creek. runs S.E.
13.40	Left bank of Same. and enter Cornfield
15.00	Enter Corn fields
32.91	Settlers Log house (Joel Hoppe's) S. 44½ W. about 15.00 chains; 7 acres in Cultivation
40.00	Set an Ash post. in mound. Charred Stake at Centre point. Trench &c. as per instructions. For quarter Section Corner.
50.40	Bank of Stream of clear water. 15 links wide. Steep banks. 20 feet high. runs S.W. from N.W.
53.10	Same Stream. bearing S.E. & W.
80.00	Set an Ash post in Mound. Charred Stake at Centre point. Trench. and pits. as per instructions for Corner to Sections 17. 18. 19. and 20. Land. Principally bottom land. Soil 1st. rate. Not Subject to inundation. fit for Cultivation. Scattering timber on Muddy Creek. Elm. Maple. Ash &c.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	East. on random line. Between Sections 17. and 20.
	Variation 12°. 00' East.
4.90	Stream of Clear Water. 15 links wide. runs S. E.
21.00	Leave Muddy Creek bottom land. (being to S. & S.E.) Drain (or Slough)
	Comes in at this point. from the N. E. 5 links in bottom.
40.00	Set Post for temporary quarter Section Corner.
65.40	Drain (or Slough) runs South. heads about 30 ch. North
80.10	Intersected N. and S. line 81 links North of
	Corner to Sections 16. 17. 20. and 21. from which Corner I run
	West. on a true line. Between Sections 17. and 20.
	Variation 11°. 25'. East.
40.05	Set an ash post in Mound. Charred Stake at Centre point. Trench and Pits. as per instructions. for Quarter Section Corner.
80.10	The Corner to Sections. 17. 18. 19. and 20.
	Land. Part Creek bottom. and Rolling Prairie
	Soil 1st. rate.
	~~Fit~~ fit for Cultivation

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	West. on random line. Between Sections 18. and 19.
	Variation 12°. 00'. East.
20.10	Leave Muddy Creek bottom lands. bears. N. & S. 15. rds
33.10	Drain (or Slough) runs South. heads 7 chains North.
40.00	Set Stake for temporary quarter Section Corner.
54.00	Slough. runs South
77.85	Intersected N. and S. line. 80 links ~~North~~ South of Corner
	to Sections 18. 19. 13. and 24. from which Corner I run
	East. on a true line between Sections 18. and 19.
	Variation 11°. 24'. East.
37.85	Set an Elm post in Mound. Charred Stake at Centre point.
	Trench and Pits. as per instructions. for quarter Section Corner.
77.85	The Corner to Sections. 17. 18. 19. and 20.
	Land. Part Creek bottom. and Rolling Prairie
	Soil 1st. rate. fit for Cultivation.
	North. Between Sections 17. and 18.
	Variation 12°. 00' East.
0.70	Leave Muddy Creek bottom land. (being to S. & N. E.)
10.00	Begin to descend. (top of Ridge)
16.00	Begin to descend. (top of Ridge)

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
31.10	Top of Ridge. begin to descend.
40.00	Set ~~a Stake~~ an Ash Post in Mound. Charred Stake at Centre point. Trench and Pits as per instructions For quarter Section Corner.
44.20	Stream 15 links wide. runs S. Ee.
80.00	Set an Ash post in Mound. Charred Stake at Centre point. Trench and Pits. as per instructions. For Corner to Sections 7. 8. 17. and 18. Land. Rolling prairie on line. and on the West & Rolling prairie and Creek bottom on the East. Soil 2nd. rate. fit for Cultivation. December 4th. 1855

East. on random line. Between Sections 8. and 17.
Variation 12°.00' East.

Chains	
11.00	at this point. a small grove of timber. bears South. about 15.00 chains. on Stream.
20.70	Stream Clear Water. 15 links wide. runs N. of S. Steep bank. 20 feet high
26.00	at this point. a small grove of timber stands North 5.00 chains on Stream.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
40.00	Set a Stake for temporary quarter Section Corner.
65.00	Drain. runs E. 20°.
80.30	Intersected N. and S. line 76 links North of Corner to Sections 8. 9. 16. and 17. from which Corner. I run West. on a true line. Between Sections 8. and 17. Variation 11°. 28'. East.
40.15	Set a Cotton wood post in Mound. Charred Stake at Centre point. Trench and Pits as per instructions. For quarter Section Corner.
80.30	The Corner to Sections 7. 8. 17. and 18. Land. Principally Rolling prairie. part Creek bottom Soil 2nd. rate. fit for Cultivation. Scattering timber on Stream. principally Elm. Ash and Cotton wood.

West. on random line. Between Sections 7. and 18.
Variation 12°.00'. East.

Chains	
6.30	Drain (or Slough) runs South.
29.50	Drain runs S. of E. heads 6.00 chains N. of W.
39.00	Top of Ridge. about 150 feet above Muddy Creek bottom land
40.00	Set a Stake for temporary quarter Section Corner.
57.00	Drain. runs South. heads about 12.00 chains N. of W.

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
77.55	Intersected N. and S. line 88 links South of Corner to Sections. 7. 18. 12. and 13. from which Corner. I run East. on a true line. Between Sections 17. and 18. Variation 11°. 22'. East.
37.55	Set an Elm post in Mound. charred Stake at Centre point Trench and Pits. as per instructions. For quarter Section Corner.
77.55	The Corner to Sections. 7. 8. 17. and 18. Land. High rolling prairie. Soil 2nd. rate. fit for Cultivation.

North. Between Sections 7. and 8.
Variation 12°. 00' East.

Chains	
32.00	head of Slough runs S. E.
40.00	Set Hickory Post in Mound. charred Stake at Centre point. Trench. and Pits as per instructions. For quarter Section Corner.
54.00	begin to descend.
75.00	Stream 15 links wide. steep sloping banks 25 feet high. runs S. E.
80.00	Set a Cotton wood post in Mound. charred Stake at

Township 2. North. Range 16. East. of the 6th. Principal Meridian

Chains	
	Centre point. Trench and pits as per instructions For Corner to Sections 5. 6. 7 + 8. Land. Rolling Prairie on line. and on the West. Rolling prairie and Creek bottom on the East. Soil 2nd. rate. fit for Cultivation. Scattering timber on Stream.

East. on random line. Between Sections 5. and 8.
Variation 12°. 00' East

Chains	
11.50	Stream of clear water. 15 links wide. runs South steep sloping banks 25 feet high.
13.00	Drain. runs S. W. heads 8.00 chains N. E.
40.00	Set a Stake for temporary. quarter Section Corner
45.00	Slough (or Drain) runs S. W.
52.00	Begin. rising to W.
80.64	Intersected N. and S. line 64 links North of Corner to Sections 4. 5. 8. and 9. from which Corner I. run West. on true line. Between Sections 5. and 8 Variation 11°. 32'. East.
40.32	Set a Hickory Post in Mound. Charred Stake at Centre point. Trench and Pits as per instructions.

Township 2 North. Range 16. East. of the 6th Principally Merid

Chains	
	For quarter Section Corner.
80.64	The Corner to Sections 5.6.7 and 8.
	Land. Principally high rolling prairie. Soil 2nd rate
	fit for Cultivation.
	Scattering timber on Stream.
	West. on Random. Between Sections 6. and 7.
	Variation 12° 00 East.
5.50	Drain. or Slough 1. runs S. E.
30.00	Drain heads 4.00 chain South. runs South. Drain heads
	7.00 chain North. runs N. E.
40.00	Set a Stake for temporary quarter Section Corner.
64.30	Slough runs S. E.
77.30	Intersected N. and S. line 68 links ~~North~~ South. of
	Corner to Sections 6.7.1. and 12. from which Corner Drawn
	East. on a true line Between Sections 6. and 7.
	Variation 11° 30' East.
37.30	Set a Post in Mound. charred Stake at Centre point.
	Trench. and Pits. as per instructions For quarter

Township 2 North. Range 16. East. of the 6th Principal Meridian

	Section Corner.
77.30	The Corner to Sections 5.6.7 & 8.
	Land. High rolling prairie. Soil 2nd. rate
	fit for Cultivation.
	North. on random line between Sections 5. and 6
	Variation 12° 00 East.
40.00	Set a Stake for temporary quarter Section Corner.
62.90	Drain runs S. E. heads 5.00 chain N. W.
65.70	Stream 20 links wide. runs S. E.
80.73	Intersected E. and W. line 1.37 chains East of
	Corner to Sections 5.6.31. and 32. from which Corner Drawn
	South. on a true line between Sections 5 and 6.
	Variation 12° 58' East.
40.73	Set a Hickory Post in Mound. Charred Stake at
	Centre point. Trench and pits as per instructions
	For quarter Section Corner.
80.73	The Corner to Sections 5.6.7. and 8.
	Land. Principally High rolling prairie

"Township 2 N. Range 16 East of the 6th. Principal Meridian

chains

Soil 2nd. rate. fit for Cultivation.

Set an Ash post in Mound. charred Stake at Centre point. French t°. as per instructions. on North line of Township 2 North. Range 16. East. where the West line of the Half Breed Reservation. Crosses said line. The Mound is 19.66 chain West from Corner to Sections 5. and 32. and 20. 48 chains East. from 1/4 Section Corner to same Sections. a Stake. on H. B. Line Stands 18.44 chains N. 33°. 30 W. from mound. and one marked N°. 20. Stands 21.51 chains S. 33½°. E from mound. Variation of Half Breed Line is. 11°. 31'. East.

December 5th. 1855.

"General Description".

The quality of the land in this Township is above the Common Average. There is a Considerable amount of bottom land. Soil of which is very rich. Situated on both sides of Muddy Creek.

The uplands or rolling prairie is much broken. but not so much so. as to prevent it's being Cultivated. it averages from 60 to 150 feet above the bottom lands of Muddy Creek. it is good 1st. and 2nd. rate land. well watered. The drains (or Sloughs) which intersect it. tho' not running streams. the most of them Contain Springs. and hold water all the year.

Timber. Chiefly Bur Oak. Elm ash. Hickory. Hack berry and Walnut. is Scarce. There are only a few quarter Sections which Contain any Considerable amount.

The town of Archer has been laid

"General Description" continued

out 12 months, it now contains 5 houses. and is Richardson County Seat.

Stone Coal is said to be very abun=dant in this Township. I have not seen any but have no doubt it is to be found. altho' not appearing on the Surface.

Lime Stone exist and can be procured by quarrying for it. it crops out in places on the Surface.

There are few settlements in this Township one on the S.E. 1/4. Section 16. one on the S.E. 1/4. of Section 19. One on the S.E. 1/4. of Sect. 20. One on the N.E. 1/4. of Section 29. One on the S.E. 1/4. one on the N.E. 1/4. and one on the N.W. 1/4. of Section 32. One on the S.E. 1/4. one on N.E. 1/4. and one on the N.W. 1/4. of Section 35.

A List of the names of the individuals employed to assist in running, measuring, or marking the lines and Corners in the foregoing field Notes of Fractional Township No. 2 North of the Base line. of Range No. 16 East of the 6th Principal Meridian. Shewing the respective capacities in which they acted.

Denis Mc. Manus.	Chainman
Austin Waldron.	Chainman
Patrick J. Mc. Manus.	Axeman
Patrick Waldron.	Flagman

We hereby Certify that we assisted Michael Mc. Manus. Deputy Surveyor. in Subdividing Fractional Township Number two North of the Base line. of Range Number Sixteen East of the Sixth principal Meridian. And that said fractional Township 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.

Denis McManus Chainman
Austin Waldron Chainman
Patrick J. McManus Axe man
Patrick Waldron Flagman

Subscribed and sworn to by the above named persons before me. Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 13th day of April 1856

Edwin J. Vedder
Deputy Clerk

I. Michael Mc. Manus. Deputy Surveyor. do Solemnly Swear that. in pursuance of a Contract with JOHN CALHOUN. Surveyor of the public lands of the United States in the Territories of Kansas. and Nebraska. bearing date the Nineteenth 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 Subdivision lines of Fractional Township Number two North of the Base line. Range Number Sixteen East of the Sixth principal Meridian. in the Territory of Nebraska aforesaid. and do further Solemnly Swear that the foregoing are the true and original field notes of such Survey.

Michael Mc. Manus
Deputy Surveyor

Subscribed by said Michael Mc. Manus. Deputy Surveyor and sworn to before me. a Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 19th day of April 1856

Edwin J. Vedder
Deputy Clerk

Rec'd Jerry Doyle

Half Breed Indn Resn

Contract No. 124. (May 12 1856)

Field Notes of the Subdivision Lines
in the North East part of
Township 2 North.
Range 16 East.
of the
6th Principal Meridian
in the
Territory of ~~Kansas~~ Nebraska

Rec'd
Complete.

Field Notes of the Subdivision Lines
in the North East part of
Township 2. North.
Range 16. East
of the
6th Principal Meridian.
in the
Territory of Nebraska
Michael Mc. Manus. Deputy Surveyor

Commenced July 15th " - 1856
Completed July 19th " 1856

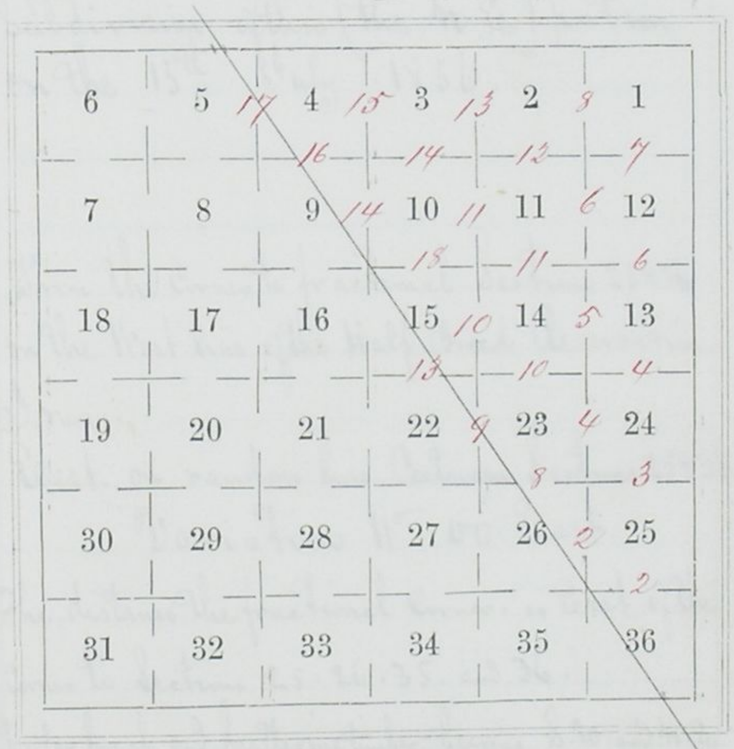
List of assistants

Denis Mc. Manus.	Chainman
William Phillips -	Chainman
Victor Keen -	Flagman
Edward Boyle -	Axeman
H. Clay Kuhn -	Compassman.

Half-Breed Res

N. E. part
Township 2. N Range 16. E.

Contract No 124



Field Notes of the Subdivision Lines in the N.E. part of Township 2 North. Range 16. East. of the 6th Principal Meridian

Chains

~~[illegible]~~

Having previously Subdivided the remainder of this Township. I commence the Subdivision of this (the N.E.) portion on the 15th July 1856.

From the Corner to fractional Sections 25 & 36 on the West line of the Half Breed Reservation I run.

East. on random line. Between Sections 25 & 36.

Variation 11°. 00' East.

5.22	The distance the fractional Corner. is East of the Corner to Sections 25. 26. 35. and 36.
18.00	Enter brush and Scattering timber. bearing S.W. and N.E
20.00	Dry ravine bears S.W. heads 15 chs. N.E
25.50	Leave timber, bearing S. and E. of N.
35.00	head of ravine bears S.W
40.00	Set post. for quarter Section Corner.
51.50	Road. bears E. of N. and W. of S.
69.50	Road. bears S.W. and N.E.

Township 2. North. Range. 16. East. of the 6th Principal Mer.

Chains	
79.46	Intersected the East Boundary of the Township 29 links South of Corner to Sections 25 & 36 From which Corner. I run West. on true line. Between Sections 25 & 36 Variation 11°. 13'. East.
39.73	Set Elm post in mound. Charred Stake at Centre point Trench. and pits. as per instructions. For quarter Section Corner.
74.24	The Corner to fractional Sections 25 & 36 on the West line of the Half Breed Reservation Land. High rolling prairie (principally) Soil 1st. rate. Timber (a considerable body in Section 36.) Black & White Oak. Elm. Hickory & walnut.

From the Corner to fractional Sections 25 & 26. on the West line of the Half Breed Reservation. I run.

North. Between Sections 25. and 26.

Variation 11°. 40' East.

Chains	
7.90	The distance the fractional Corner is North of the Corner to Sections 25. 26. 35 & 36.

Township. 2. North. Range 16. East. of the 6th Principal Mer.

Chains	
10.20	Center ploughed field. bearing E. and W
35.50	Leave field. bearing N. of E. and S. of W
38.50	Road. bears S. of W. and N. of E
40.00	Set cherry post in mound. charred stake at Centre point. Trench. and pits. as per instructions. for quarter Section Corner.
80.00	Set Elm post in Mound. charred stake at Centre point. Trench and pits as per instructions. For Corner to Sections 23. 24. 25. and 26. Land. High prairie. gently. rolling. Soil 1st. rate

East. on random. Between Sections 24. and 25

Variation 11°. 40' East.

Chains	
21.40	Road. bears N. E. and S. W
27.30	Road. bears E. of N. and W. of S.
40.00	Set post. for temporary quarter Section Corner.
72.00	Drain. runs E. of S. bears 35 ch. W. of N
79.68	Intersected the East boundary of the Township. 91 links North of Corner to Sections 24 & 25. from which Corner. I run. West. on true line. Between Sections 24 & 25 Variation 11°. 01' East.
39.84	Set cherry Post in mound. Charred Stake at Centre point Trench. and pits as per instructions. For quarter Section Corner.

79.46
.91
80.37

Chains	
79.69	The Corner to Sections 23.24.25. and 26.
	Land. High prairie, gently rolling. Soil 1st rate
	North. Between Sections 23. and 24.
	Variation 11°. 40. East
40.00	Set cherry post in Mound, charred Stake at centre point Trench. and pits. as per instructions. For quarter Section Corner.
80.00	Set Elm post in Mound. charred Stake at centre point Trench. and pits as per instructions. For Corner to Sections 13.14.23. and 24.
	Land. High rolling prairie - Soil 1st rate.
	East. on random line. Between Sections 13. and 24
	Variation 11°. 40' East.
35.00	Road. bears W. of N. and W. of S.
40.00	Set post. for temporary quarter Section Corner
79.84	Intersected the ~~West~~ East Boundary of the Township 1.31 links North of Corner to Sections 13. and 24. from which Corner. Iron.
	West. on true line. Between Sections 13. and 24

Chains	
	Variation 10°. 44'. East.
39.92	Set an Elm post in Mound. charred Stake at centre point. Trench. and pits as per instructions. For quarter Section Corner.
79.84	The Corner to Sections. 13.14.23. and 24
	Land. High rolling prairie. Soil 1st rate
	North. Between Sections 13. and 14.
	Variation 11°. 40' East.
40.00	Set Elm post in Mound. charred Stake at centre point. Trench and pits. as per instructions. For quarter Section Corner.
80.00	Set Elm post in Mound. charred Stake at centre point Trench. and pits. as per instructions. For Corner to Sections 11.12. 13. and 14.
	Land. High rolling prairie - Soil 1st rate
	East. on random line. Between Sections 12. and 13
	Variation 11°. 40'. East.
17.70	Road. bears S.th and W. of N
40.00	Set post. for temporary quarter Section Corner.
79.86	Intersected the East Boundary of the Township 98 links

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	North of Corner to Sections 12. and 13. from which Corner. I run.
	West. on true line. Between Sections 12. and 13
	Variation 10°. 58' East
39.93	Set Elm post in mound. charred Stake at Centre point. Trench. and pits as per instructions. For quarter Section Corner.
79.84 (86)	The Corner to Sections 11. 12. 13. and 14
	Land. High rolling prairie. Soil 1st rate

	North. Between Sections 11. and 12
	Variation 11°. 40' East.
40.00	Set cherry post in mound. charred Stake at Centre point. Trench. and pits, as per instructions. For quarter Section Corner
50.00	Head of drain. bears N. of E
52.80	Road. bears W. of N. and E. of S.
80.00	Set Elm post in mound. charred Stake at Centre point. Trench and pits as per instructions. For Corner to Sections 1. 2. 11. and 12
	Land. High rolling prairie. Soil 1st rate

Township 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
	East. on random line. Between Sections 1. and 12.
	Variation 11°. 00' East.
18.90	Stream. 5 links wide runs S. of E. heads N. of N.
40.00	Set post. for temporary quarter Section Corner.
80.15	Intersected the East boundary of the Township 37 Links North of Corner to Sections 1. and 12. From which Corner. I run.
	West. on true line. Between Sections 1. and 12
	Variation 10°. 45' East.
40.07½	Set Elm post in mound. charred Stake at Centre point. Trench and pits, as per instructions. For quarter Section Corner.
80.15	The Corner to Sections 1. 2. 11. and 12
	Land. High rolling prairie. Soil 1st rate

	North. on random line. Between Sections 1. and 2.
	Variation 11°. 40' East.
40.00	Set post. for temporary quarter Section Corner
84.04	Intersected the North boundary of the Township 2 links west of Corner to Sections 1. and 2. From which Corner. I run.

Township. 2. North. Range. 16. East. of the 6th Principal Mer.

Chains	
	South. on true line. Between Sections 1. and 12. Variation 11°. 40'. East.
44.04	Set Elm post in mound. charred Stake at Centre point. Trench and pits. as per instructions for quarter Section Corner.
84.04	The Corner to Sections. 1. 2. 11. and 12. Land. High rolling prairie. Soil 1st. rate. July 15th 1856.
	From the Corner to Sections 23. 24. 25. and 26. I run West. on random line. Between Sections 23. and 26. Variation 11°. 20' East.
40.00	Set post. for temporary quarter Section Corner
47.92	To a point 21 links South of Corner to fractional Sections 23 and 26. on the West line of the Half Breed Reservation.
31.75	The distance the fractional is East of the Corner to Sections 22. 23. 26. and 27.
79.70	Total distance on line. Between Sections 23. and 26. From Said fractional Corner. I run East. on true line. Between Sections 23. and 26. Variation 11°. 05'. East.

Township. 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
39.85	Set Walnut post in mound. charred Stake at Centre point. Trench. and pits. as per instructions. For quarter Section Corner.
47.92	The Corner to Sections. 23. 24. 25. and 26. Land. High prairie. gently rolling. Soil 1st. rate
	From the Corner to fractional Sections 22. and 23. on the West line of the Half Breed Reservation. I run North. Between Sections 22. and 23. Variation 11°. 20' East.
47.90	The ~~Corner to~~ distance the fractional Corner is North of the Corner to Sections. 22. 23. 26. and 27.
80.00	Set Line Stone. 22in. long. 9in. wide. and 5in. thick For Corner to Sections. 14. 15. 22. and 23. Land. High rolling prairie. Soil 1st. rate.
	East. on random line. Between Sections 14. and 23. Variation 11°. 20' East.
40.00	Set post. for temporary quarter Section Corner.
60.50	Stream. 3 links wide. runs S.W. heads lock. Eg. R.

Township. 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
79.34	Intersected the N. and S. line, 6 links North of Corner to Sections. 13. 14. 23. and 24. from which Corner. I run.
	West. on true line. Between Sections 14. and 23.
	Variation. 11°. ~~23'~~ 17' East.
39.67	Set walnut post in mound. charred Stake at Centre point. Trench. and pits. as per instructions. For quarter Section Corner
79.34	The Corner to Sections 14. 15. 22. and 23. Land. High prairie. gently rolling. Soil 1st. rate
	North. Between Section 14. and 15.
	Variation 11°. 40' East.
40.00	Set walnut post in mound. charred Stake at Centre point. Trench. and pits. as per instructions. For quarter Section Corner.
80.00	Set Line Stone. 18in. long. 14in. wide. and 3in. thick For Corner to Sections 10. 11. 14. and 15. Land. High prairie. gently rolling. Soil 1st. rate.
	East. on random line. Between Sections 11. and 14
	Variation 11°. 40' East.

Township. 2. North. Range 16. East. of the 6th Principal Meridian

Chains	
40.00	Set post. for temporary quarter Section Corner.
79.03	Intersected the N. and S. line 59 links North of Corner to Sections 11. 12. 13. and 14. from which Corner. I. run
	West. on true line. Between Sections 11 and 14.
	Variation. 11°. 15'. East.
39.51½	Set walnut post in mound. Charred Stake at Centre point. Trench and pits. as per instructions For quarter Section Corner.
79.03	The Corner to Sections 10. 11. 14. and 15 Land. High rolling prairie - Soil 1st. rate
	North. Between Sections 10. and 11.
	Variation 12°. 00' East.
17.80	Stream. 5 links wide. runs S.W
40.00	Set walnut post in mound. charred Stake at Centre point. Trench and pits. as per instructions. For quarter Section Corner.
80.00	Set Elm post in mound. charred Stake at Centre point Trench and pits. as per instructions. For Corner to Sections 2. 3. 10. and 11.

Township 2. North. Range 16. East. of the 6th Principal Mer.

Chains	
	Land. High rolling prairie. Soil 1st rate
	East. on random line. Between Sections 2. and 11
	Variation 11°. 15'. East.
19.60	Drain. runs W. of S. heads 30 ch. E. of N.
40.00	Set post. for temporary quarter Section Corner
44.80	Road. bears W. of N. and E. of S.
79.36	Intersected the N. and S. line, 23 links North of Corner to Sections. 1. 2. 11. and 12. from which Corner. I run.
	West. on true line. Between Sections 2. and 11
	Variation. 11°. 03'. East.
39.68	Set Walnut post in Mound. charred Stake at centre point. Trench and pits. as per instructions. For quarter Section Corner.
79.36	The Corner to Sections 2. 3. 10. and 11
	Land. High rolling prairie - Soil 1st rate.
	North. on random line. Between Sections 2 and 3.
	Variation 12°. 00'. East.
40.00	Set post. for temporary quarter Section Corner.

Township 2. North. Range 16. East. of the 6th Principal Meridn.

Chains.	
83.49	Intersected the North boundary of the Township 47 links East. of the Corner to Sections 2. and 3.
	From which Corner. I run
	South. on true line. Between Sections 2 & 3
	Variation 12°. 19' East.
43.49	Set cherry post in Mound. charred Stake at centre point. Trench. and pits. as per instructions. For quarter Section Corner.
83.49	The Corner to Sections 2. 3. 10. and 11
	Land. High rolling prairie - Soil 1st rate
	July 16th. 1856.
	From the Corner to Sections 14. 15. 22 & 23. I run
	West. on random line. Between Sections 15. and 22
	Variation 11°. 20' East.
21.85	To a point 44 links South of Corner to fractional Sections 15. and 22. on the West line of the Half Breed Reservation. from which Corner. I run
	East. on true line. Between Sections 15. and 22.
	Variation. 10°. 13'. East.
21.85	The Corner to Sections 14. 15. 22. & 23.
	Land. High rolling prairie. Soil 1st rate.

Township 2. North. Range 16. East. of the 6th Principal Mer.

Chains	
	From the Corner to Fractionals Sections 9. and 10 on the West line of the Half Breed Reservation. J. run.
	North. Between Sections 9. and 10.
	Variation 12°. 00' East.
7.24	The distance the fractional corner. is North of the Corner to Sections 9. 10. 15. and 16.
40.00	Set Sand Stone. 16in. long. 9in. wide. and 5in. thick for quarter Section Corner. dug trench 5 feet square around Corner.
80.00	Set Sand Stone. 19in. long. 12in. wide. and 5in. thick for ¼ Corner to Sections 3. 4. 9. and 10.
	Land. High rolling prairie - Soil 1st. rate.

	East. on random line. Between Sections 3. and 10.
	Variation 10°. 50' East.
40.00	Set post. for temporary quarter Section Corner.
79.58	Intersected the N. and S. line. 31 links North of Corner to Sections 2. 3. 10. and 11. from which Corner. J. run.
	West. on true line. Between Sections 3. and 10
	Variation. 10°. 37'. East.
39.79	Set Sand Stone. 15in. long. 10in. wide. and 4in. thick for quarter Section Corner. dug trench 5 feet square around Corner.

Township. 2. North. Range. 16. East. of the 6th Principal Mer.

Chains	
79.58	The Corner to Sections 3. 4. 9. and 10.
	Land. High rolling prairie - Soil 1st. rate

	North. on random line. Between Sections 3. and 4
	Variation 12°. 00' East.
40.00	Set post. for temporary quarter Section Corner.
82.24	Intersected the North Boundary of the Township 1.20 links East. of Corner to Sections 3. & 4. from which Corner. J. run
	South. on true line. Between Sections 3. and 4
	Variation 12°. 50' East.
42.24	Set Line Stone. 16in. long. 10in. wide. and 5in. thick for quarter Section Corner.
82.24	The Corner to Sections 3. 4. 9. and 10.
	Land. High rolling prairie - Soil 1st. rate.

	From the Corner to Sections 3. 4. 9. and 10 J. run.
	West. on random line. Between Sections 4 & 9.
	Variation 11°. 45'. East.
30.30	Spring branch. 10 links wide. runs S.W.

Township 2. North. Range 16. East. of the 6th Principal Mer.

Chains	
40.00	Set post. for temporary quarter Section Corner.
47.98	To a point. 5th links South of Corner to fractional Sections, 4. and 9. on the West line of the Half Breed Reservation.
31.78	The distance the fractional Corner is East of the Corner to Sections 4. 5. 8. and 9.
79.76	The total distance on line. Between sections 4. and 9.

From the fractional Corner described above. I. run. East. on true line. Between Sections 4. and 9

Variation. 11°. 04'. East.

39.88	Set Sand Stone. 14in. long. 14in. wide. and 3in. thick. for quarter Section Corner. Dig trench 5 feet Square around Corner.
47.98	The Corner to Sections 3. 4. 9. and 10

Land. High rolling prairie - Soil 1st. rate

From the Corner to fractional Sections 4. and 5 on the West line of the Half Breed Reservation. I run.

North. on random line. Between Sections 4. and 5.

Chains	

Variation. 11°. 45'. East.

48.14	The distance the fractional Corner is North of the Corner to Sections 4. 5. 8. and 9
81.27	Intersected the North Boundary of the Township 2.10 links East of Corner to Sections 4 4 5. from which Corner. I run.

South. on true line. Between Sections 4 4 5

Variation ~~5°. 00'~~ 15°. 24'. East.

33.13	The Corner to fractional Sections 4. and 5 on the West line of the Half Breed Reservation.

Land. High prairie. gently rolling. Soil 1st. rate

July 17th 1856

From the Corner to fractional Sections 10. 11. 14. and 15. I run.

West. on random line. Between Sections 10. and 15

Variation 11°. 20'. East.

31.78	Spring branch 10 links wide runs S. W.
40.00	Set post. for temporary quarter Section Corner.
42.68	Spring branch. 5 links wide. runs S. 50 ch. E. 8 N
74.91	~~Set~~ To a point 75 links South of Corner to fractional Sections 10. and 15. on the W. line of the Half Breed Reservation
4.57	The distance fractional Corner is East of the Corner to Sections 9. 10. 15 & 16.

Township 2 North. Range 16 East of the 6th Principal Meridian

chains	
79.75	The total distance on line between Sections 10 and 15 from the Corner to fractional Sections described on page 17. Sum
	East. on true line, between Sections 10 and 15
	Variation 10°. 44'. East.
39.89	Set Sand Stone. 15 in. long. 10 in. wide. and 4 in. thick for quarter Section Corner. Dug a trench 5 feet Square around the Corner
74.91	The Corner to Sections 10. 11. 14. and 15.
	Land. High rolling prairie - Soil 1st. rate

General Description

The quality of the land in this Township is considerably above the Common average. The Soil is of a first rate character. The land is principally high rolling prairie -

Timber. is chiefly B. White & Bur Oak. Hickory & about Elm. There is no timber in this Township except that on Section 36.

There is neither Lime. or Sand Stone. in this part of the Township

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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 Township 2 North. of the Base Line Range 16. East. of the 6th Principal Meridian. Showing the respective Capacities in which they acted.

Denis McManus,	Chainman
William Phillips -,	Chainman
Victor Keen -,	Flagman
Edward Boyle -,	Axeman
H. Clay Kuhn -,	Compassman

Public Lands

Contract No 49 (Oct 19 1855)

Contract No 49
Subdivision of fract.l T. 3 N.,
R. 16 E. Willamette Meridian, Half Bound
Indian Reservation

Field Notes
of
Subdivision Lines
of
T. 3 N. R 16 E

by
Michael McManus
U S Deputy Surveyor

INDEX.

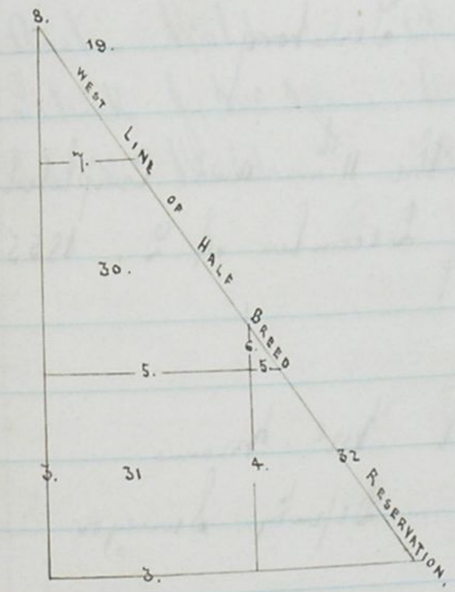
Referring the lines to the pages of the field-notes of

TOWNSHIP 3. NORTH RANGE 16. EAST,

of the 6th Principal Meridian; -

Contract No 49

P(Public Lands)



Field Notes of the Survey of
TOWNSHIP 3 NORTH. RANGE 16 EAST.
of the
6TH PRINCIPAL MERIDIAN.
in
Nebraska Territory.

Commenced on the 11th and Completed on the 13th of December A.D. 1855.

Michael Mc. Manus
Deputy Surveyor

List of Assistants.

Denis Mc. Manus. Chainman.
Austin Waldron. Chainman.
Patrick J. Mc. Manus. Axeman.
Patrick Waldron. Flagman.

3/81

Field notes of the Subdivision lines in fractional Township 3. North. Range 16. East. of the 6th Princip.l Meridian

Chains

To determine the proper adjustment of my Compass for subdividing this Township. I commence at the Corner to Townships 2 & 3 North. and Range 15. and 16 East and run North on a blank line along the West Boundary of Section 31.

Variation 12°. 00 East.

40.03 to a point 12 links east of the quarter Section Corner.

80.10 to a point 23 links east of the Corner to Sections 30. & 31. To retrace this line or run parallel thereto my Compass must be adjusted to a Variation of 12°. 10 East.

From the Corner to Townships 2 & 3 North and Ranges 15. & 16 East. I run East on a blank line along the South boundary of Section 31.

Variation 12°. 30 East.

36.10 To a point 9 links North of the quarter Section Corner

75.94 To a point 21 links North of Corner to Sections 31 & 32.

True Variation 12°. 20. East.

Township 3. N. Range 16. E. 6th Principal Meridian.

Chains

From the Corner to Sections 31 & 32. 5. and 6. on the South boundary of the Township. I run North between Sections 31. and 32.

Variation 12°. 10. East.

14.70 Drain (or Slough) runs S. E. heads about 30.00 chain N. W.

33.00 top of ridge bears E. and W. begin to descend.

38.00 Drain runs N. E.

40.00 Set a Hickory Post. with charred Stake at centre point. with French. Pits & Mound. as per instructions. for quarter Section Corner

45.30 Drain runs S. E. heads about 8 chain N. W.

48.50 Top of ridge. bears S. E. and N. W.

56.50 Drain (or Slough) runs S. E.

68.50 Top of ridge. bears N. W. and S. E.

77.60 Stream of clear water. 15 links wide. runs S. E.

80.00 Set an Ash Post in Mound. charred Stake at Centre point. with French. and Pits. as per instructions. for Corner to Sections No.s 29. 30. 31. and 32.

Land. High rolling prairie. light Sandy Soil. 2nd rate fit for Cultivation.

Township 3. N. Range 16. E. 6th Principal Meridian

Chains	
	East on a true line between Sections 29 and 32. Knowing that it will strike the Half Breed line in less than 80.00 Chains. Variation. 12°. 10. East.
5.35	Drain runs S. E.
8.54	Set Hickory post in mound. charred Stake at centre point with Trench as per instructions. at intersection of Half Breed Line. a Stake Stands N. 33°. 30. W. 2.90 Chains from Corner. Variation on H. B. Line. 11°. 31. East. Land. Prairie. gently rolling. light Sandy Soil 2nd rate fit for Cultivation.
	West. on random ~~North~~. Between Sections ~~29~~ and 30. and 31 Variation 12°. 10
2.60	Slough (or Stream) runs S. E. (begin to ascend.)
40.00	Set a post for temporary quarter Section Corner.
47.00	Drain runs South. heads about 15 chain W. of N.
67.50	Drain (or Slough) runs S. E. heads about 15 chain North.
75.81	Intersected the N. and S. line 47. links North of the Corner to Sections 30. 31. 25. and 36. from which Corner I run West on a true line

Township 3. N. Range 16. E. of the 6th Principal Meridian

Chains	
	between Sections 30. and 31 Variation 12°. 31'. East.
35.81	Set an Ash Post. in mound. with charred Stake at Centre point. Trench and pits. as per instructions. for quarter Section Corner.
75.81	The Corner to Sections 29. 30. 31. and 32. Land. High rolling prairie. light Sandy Soil 2nd rate fit for Cultivation.
	North. between Sections 29. and 30. Variation 12°. 10'. East.
6.00	Drain (or Slough) runs S. E. heads about 12 chain N. W.
13.32	Set an Ash post in mound. charred Stake at Centre point. with trench &c. as per instructions. at Intersection of Half Breed Line. a Stake Stands 12.90 Chains S. 33°. 30. E. from Corner. Variation of Half Breed Line is 11°. 31'. East. Land. Prairie gently rolling. light Sandy Soil 2nd rate fit for Cultivation December 11th. 1855.

Township 3. N. Range 16 E. of the 6th Principal Merid.

Chains.	
	East. on a true line between Sections 19. and 30. Knowing that it will strike the Half Breed Line. in less than 80.00 chains
	Variation 12°. 41' East.
10.00	Drain (or Slough) runs N. E. heads about 18 chains S. W.
14.90	Drain (or Slough) runs into the above 1.00 chain N. heads about 25.00 chains S. E.
23.55	Drain (or Slough) runs North. heads about 10 chains South
32.82	Set a Hickory Post. in Mound. Charred Stake at Centre point with trench as per instructions. at intersection of Half Breed Line: a Stake marked No. 17½. Stands 12.70 chains. S. 33°. 30' East. from Corner. Variation of Half Breed line is 11°. 32'. East.
	Land. High rolling prairie. Soil good. 2nd. rate fit for Cultivation.

Township 3. North. Range 16. E. of the 6th Princ'l. Meridian

Chains.	
	Set Hickory Post in Mound. Charred Stake at Centre point. with trench as per instructions. on Range line between Ranges 15 & 16. and Sections 19. and 24. and at the point the Half Breed Line intersects the same. The Mound Stands. 28.91 chains South of the N. W. Corner of said Section 19. a Half Breed Stake No. 16½. Stands 12.61 chains. N. 33°. 30' W. from Mound. Variation of Half Breed Line. 11°. 25'. East.
	December 13th 1855.

"General Description".

The quality of the land in this Fractional Township is of the Common average of prairie land. the Soil being principally of a light Sandy nature. the land will rank as 2nd rate. all well adapted to Cultivation.

It does not Contain any timber. but is well watered.

A List of the Names of the individuals employed to assist in running. measuring. or marking the lines. and Corners in the foregoing field Notes. of Fractional Township No. 3. north ~~Range~~ the base line. of Range No. 16. East. of the 6th Principal Meridian. Showing the respective Capacities in which they acted.

Denis Mc. Manus. Chainman
Austin Waldron. Chainman
Patrick J. Mc. Manus. Axeman
Patrick Waldron. Flagman.

We hereby Certify that we assisted Michael Mc. Manus. deputy Surveyor. in Subdividing fractional Township Number three North of the base line. of Range Number Sixteen ~~West~~ East of the Sixth Principal Meridian. and that Said fractional Township 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.

Denis Mc Manus Chainman
Austin Waldron Chainman
Patrick J. McManus Axe man
Patrick Waldron Flagman

Subscribed and Sworn to by the above named persons. before me Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 12th day of April 1856.

Edwin. S. Wedler
Deputy Clerk

I. Michael Mc. Manus. deputy Surveyor. do solemnly swear that. in pursuance of a Contract with John Calhoun. Surveyor of the public lands of the United States in the Territories of Kansas. and Nebraska. bearing date the Nineteenth 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 Subdivision lines of Fractional Township Number three North of the Base line. Range Number Sixteen East of the Sixth principal Meridian. in the territory of Nebraska aforesaid. and do further solemnly swear that the foregoing are the true and Original field Notes of such Survey.

Michael Mc. Manus
Deputy Surveyor.

Subscribed by said Michael Mc. Manus. Deputy Surveyor. and sworn to before me. a Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory This 12th day of April 1856

Edwin, S. Sedelen
Deputy Clerk

13/91

4

Exd
Torry & Doyle

92

Half Breed Resn

Contract No. 124

May 12 1856

Field Notes of the Subdivision Lines
in
Township 8. North
Range 16. East.
of the
6th Principal Meridian.
in the
Territory of Nebraska

Total
Complete

Field Notes of the Subdivision Lines
in
Township 3 North.
Range 16. East.
of the
6th Principal Meridian.
in the
Territory of Nebraska.
Michael Mc. Manus. Deputy Surveyor

Commenced July 18th 1856
Completed July 26th 1856

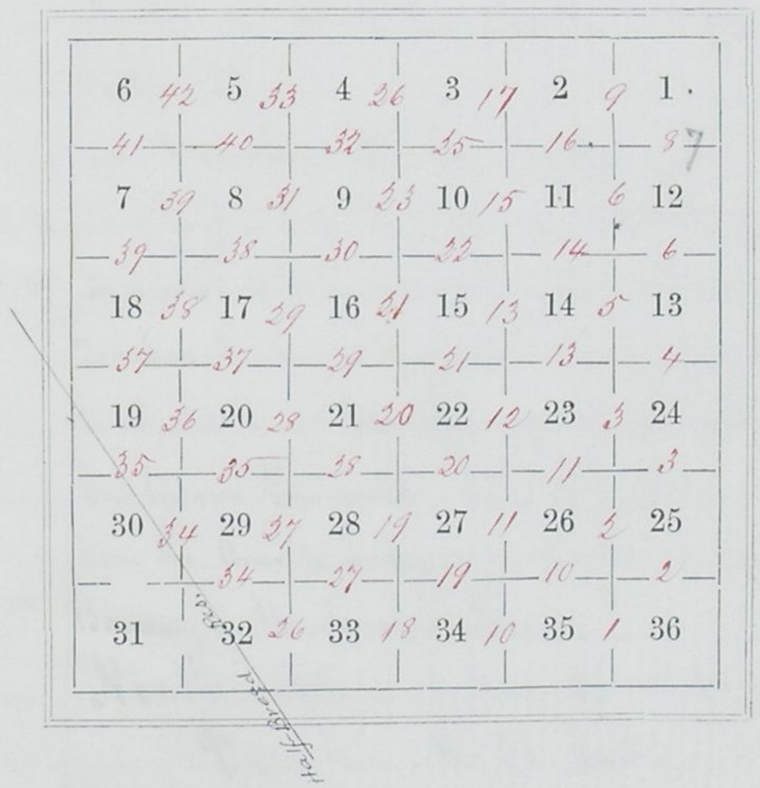
List of Assistants

Denis Mc. Manus.	Chain man
William Phillips.	Chain man
Victor Keen	Flag man
Edward Boyle	Axeman
H. Clay. Kuhn	Compass man.

Contract No 124

Township 3. N. Range 16. East
~~&~~ Half Board Resn

~~Half Board Resn~~



Field Notes of the Subdivision lines in Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	To determine the proper adjustment of my Compass for Subdividing this Township. I commence at the Corner to Townships 2. and 3. North. Ranges 16. and 17. East. and run.
	North. on a blank line along the East Boundary of Section 36.
	Variation 11°. 25'. East.
39.98	To a point 5 links East of the quarter Section Corner
79.50	To a point 14 links East of the Corner to Sections 25. and 36
	To retrace this line, or run parallel thereto my Compass must be adjusted to a Variation of 11°. 31'. East.
	Subdivision Commenced July 18th. 1856.
	From the Corner to Sections 1. 2. 35. and 36. on the South Boundary of the Township. I run
	North. Between Sections 35. and 36
	Variation 11°. 31'. East.
40.00	Set Lime Stone. 16in. long. 10in. wide. and 3½in. thick 3' or Quarter Section Corner
60.00	Stream of pure water. 5 links wide. runs S.E. heads 30. ch. n. of 20
80.00	Set Lime Stone. 16in. long. 10in. wide. and 8in. thick. 3' or Corner to Sections 25. 26. 35. and 36
	Land. high rolling prairie. Soil 1st. rate

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	East. on random line. Between Sections 25. & 36.
	Variation 11°. 31'. East
40.00	Set Post. for temporary quarter Section Corner
71.00	Half Bree Creek 15 links wide. Steep bank. 30 feet high. runs E. of S.
79.84	Intersected East Boundary of Township. 51 links North of the Corner to Sections 25. and 36. From which Corner, I run West, on true line. Between Sections 25. & 36.
	Variation 11°. 09'. East.
39.92	Set Lime Stone. 14in. long. 13in. wide. and 5in. thick For quarter Section Corner.
79.84	The Corner to Sections 25. 26. 35 & 36
	Land. high rolling prairie. Soil 1st. rate
	Timber. Scattering on Creek. Black w. oak. Elm &c.

	North. Between Sections 25. and 26.
	Variation 11°. 41'. East
40.00	Set Lime Stone 14in. long. 12in. wide. and 4in. thick. for quarter Section Corner.
55.50	Stream of pure water. 6 links wide. runs N. of E. heads 40 ch. West.
80.00	Set Lime Stone. 15in. long. 10in. wide. and 4in. thick. for Corner to Sections 23. 24. 25. and 26.

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	Land. high rolling prairie. Soil 1st. rate.

	East. on random line. Between Sections 24. and 25
	Variation 11°. 41'. East.
37.20	Half Bree Creek. 10 links wide. runs E. of S
40.00	Set Post. for temporary quarter Section Corner.
58.40	Drain. runs S. W. heads 15 chains N. E
79.40	Intersected East Boundary of the Township. 48 links North of Corner to Sections 24. & 25. From which Corner, I run West. on true line. Between Sections 24. and 25
	Variation 11°. 26'. East
39.70	Set post (Elm) in mound. charred Stake at Centre point. Trench and Pits as per instructions. For quarter Section Corner.
79.40	The Corner to Sections. 23. 24. 25 & 26.
	Land. high rolling prairie. Soil 1st. rate
	Timber. Scattering on Creek. W. oak & Elm.

	North. Between Sections 23. & 24.
	Variation 12°. 30'. East.
40.00	Set post in mound. charred Stake at Centre point. Trench. and Pits. as per instruction. For quarter Section Corner.

Township 3 North. Range 16 East. of the 6th Principal Meridian

chains	
80.00	Set Lime Stone. 16in. long. 12in. wide. and 7in. thick. For Corner to Sections. 13. 14. 23. and 24.
	Land. high rolling prairie. Soil 1st. rate.

East. on random line. Between Sections 13 & 24

Variation 12°. 30'. East.

12.52	Road. bears N. of E. to St. Stephens. and S. of W. to Nebraska City
29.72	head of drain runs W. of S.
40.00	Set Post. for temporary quarter Section Corner.
47.70	Drain. runs S.W. heads about 40.00 ch. N. E. (head of Half Breed Creek)
72.42	Road. bears E. of N. to Nebraska City. and W. of S. to St. Stephens
74.75	Enter hazel brush. bearing N. and S.
79.50	Intersected East boundary of the Township. 1.96 links north of Corner to Sections 13 & 24. From which Corner. I run

West. on true line. Between Sections 13 & 24

Variation 11°. 06'. East

39.75	Set Hickory Post in mound. charred Stake at centre point. Trench and pits. as per instructions. For quarter Section Corner.
79.50	The Corner to Sections 13. 14. 23. & 24.
	Land. high rolling prairie. Soil 1st. rate.

Township 3. North. Range 16. East. of the 6th Principal Meridian

North. Between Sections 13. and 14.

Variation 12°. 40'. East.

chains	
12.00	a Log house. Hands West. 3.50 chains distant.
37.00	Enter timber. bearing S. E. & N. W.
40.00	Set Post. for quarter Section Corner. From which A. Lynn 30in. in diam. bears S. 45°. W. 21 links dist. Hickory. 6in. in diam. bears. S. 82°. E. 60 links dist
40.22	Lynn 16in. in diam
40.40	Stream of pure water. in ravine. 2 links wide. runs N.W. heads 10 ch. S. E.
44.50	Edge of timber brush. bears S. E. & North.
45.72	Wild cherry 4in. in diam
54.80	Edge of timber brush. bears N. E. and South.
58.09	W. oak 16in. in diam
59.50	Drain in bog ravine. bears N. of W. heads East
61.90	Stream in ravine. 2 link wide runs S.W. heads 12 ch. N. E.
67.00	Leave timber. bearing S. W. & N. E.
80.00	Set Lime Stone. 16in. long. 10in. wide. and 6in. thick. For Corner to Sections 11. 12. 13 & 14.

Land. high. rolling broken. principally prairie. Soil 1st. rate

Timber. Black & White Oak. Walnut. Hickory. Lynn Elm

Undergrowth. Same. hazel & vines.

Township. 3. North. Range 16. East. of the 6th. Principal Meridian

chains

East. on random line. Between Sections 12 & 13

Variation 12°. 40. East

8.50 Road. bears N. of W. to Nemaha City. & S. of E. to St. Stephens

40.00 Set Post, for temporary quarter Section Corner. (bearings runs N. W)

51.00 Road. bears W. of N. North

61.60 Stream in ravine 2 links wide (pure water) runs N. E. bears S. W.

77.10 Road. bears N. E. and S. W.

79.60 Intersected East Boundary of the Township, 2.10 links North of Corner to Sections 12. & 13. From which Corner. Run West. on true line. Between Sections 12. and 13.

Variation 11°. 10. E East.

39.80 Set Post in Mound, charred Stake at Centre point. French and pits. as per instructions. For quarter Section Corner.

79.60 The Corner to Sections 11. 12. 13. and 14

Land. high. rolling, and broken. Soil 2nd. rate. fit for Cultivation

Timber. Section. Black & White Oak. Hickory & Walnut.

July 1st.

North. Between Sections 11. and 12.

Variation 12°. 40'. East.

5.80 Road. bears N. W. and S. E

10.00 Enter brush. and timber. bears N. of W. and S. of E

Township. 3. North. Range 16. East. of the 6th. Principal Meridian

chains

40.00 Set a post for quarter Section Corner. from which an Elm 20in. in diam. bears S. 65°. E. 76 links dist. a Black Oak 32in. in diam. bears N. 15°. W. 145 links dist.

43.00 Elm 12in. in diam

44.62 Spring branch in ravine. runs N. W. bears S. E

52.00 Leave timber. and brush. bearing S. E. and N. W

79.60 Indian trail. bears E. of S. and W. of N.

80.00 Set a Lime Stone 14 inches long. 10 inches wide. and 6 inches thick. For Corner to Sections 1. 2. 11. and 12. from which A. Black Oak 30 in. diam. bears S. 65°. E. 124 links dist. A. Black. Oak. 20 in. diam. bears N. 75°. W. 223 links dist.

No other trees Convenient to mark.

Land. principally high rolling prairie. Soil 2nd. rate fit for Cultivation.

Timber. Black. and White Oak. Elm. Walnut. Lynn & Hickory

Undergrowth. Same. hazel. and vines

East. on Random line. Between Sections 1 & 12

Variation 12°. 40' East.

1.30 Enter timber. bearing E. of S. and W. of N

7.70 Drain. in ravine. bears E. of N. and W. of S.

Township 3. North. Range 16. East. of the 6th Principal Meridian

15.20 Spring branch. in ravine. 2 links wide. runs N.W. heads S.E. a Spring 45 links north of crossing.

40.00 Set post for temporary quarter Section Corner.

48.50 Spring branch. in ravine 10 links wide. in ravine. runs N. W. heads S.E.

64.90 Road. bears S.E. and N.W

80.36 Intersected East Boundary of the Township 219 links North of Corner to Sections 1. and 12. from which Corner, Drew West. on true line. Between Sections 1. and 12.

Variation 11°. 06. East.

40.18 Set Post for quarter Section Corner. from which
A. Lynn 26 in. in diam. bears N. 19½°. E. 86 Links dist
A. Lynn 40 in. in diam. bears S. 35°. W. 29 Links dist

80.36 The Corner to Sections 1. 2. 11. and 12.

Land. Bluffs. high. rolling. and broken. Soil 2nd rate fit for Cultivation.

Timber. Black. Bur. white & Red Oak. Hickory. walnut. and Lynn

Undergrowth. Same. hazel. and Vines

North. on Random line. Between Sections 1. and 2

Variation 12°. 40'. East.

Township 3. North. Range 16. East. of the 6th Principal Meridian

4.00 Center timber. bearing S.W. and S.E.

27.10 Drain. runs W. of N. heads E. of S.

40.00 Set post for temporary quarter Section Corner.

47.30 Spring branch in ravine. (2 links wide) runs S. of W. heads about 15 chains E. of N.

57.60 Leave timber. bears N. E. and S. W

57.75 Indian trail. bears N. E. and S. W

73.30 Center timber. bearing S. of E. and N. of W

78.30 Intersects the North Boundary of Township 188 links West of Corner to Sections 1. and 2. From which Corner. Drew South. on true line between Sections 1. and 2

Variation 11°. 19'. East.

38.30 Set post for quarter Section Corner. from which
a B. walnut. 4 in. in diam. bears S. 11½°. W. 20 links dist.
a B. walnut. 4 in. in diam. bears. N. 11½°. E. 14½ links dist.

78.30 The Corner to Sections 1. 2. 11. and 12.

Land. high, and rolling. part prairie. Soil 1st rate.

Timber. Black. white & Bur Oak. Elm Hickory. Lynn &c.

Undergrowth. Same. hazel. Vines. and Sumach.

Township 3. North. Range 16. East. of the 6th Principal Meridian

chains

North. Between Sections 34. and 35
Variation 12°. 0' East.

40.00 Set Line Stone. 16 inches long. 10 inches wide, and 7 inches thick
for quarter Section Corner.

80.00 Set Line Stone. 21 inches long. 10 inches wide. and 9 inches thick
for Corner to Sections 26. 27. 34. and 35.
Land. High rolling prairie. Soil 1st. rate.

East, on Random line. Between Sections 26. and 35
Variation 12°. 0' East.

12.70 Road. bears E. of S. to Archer. and W. of N. to Neneha City.
40.00 Set post for temporary quarter Section Corner
80.85 Intersected N. and S. line 44 links, North of Corner
to Sections 25. 26. 35. and 36. from which Corner. Run
West, on true line. Between Sections 26. and 35
Variation 11°. 41'. East.
40.422 Set Line Stone. 17 inches long. 14 inches wide. and 6 inches thick
for quarter Section Corner.
80.85 The Corner to Sections 26. 27. 34. and 35.
Land High rolling prairie. Soil 1st. rate

Township 3. North. Range 16. East. of the 6th Principal Meridian

chains

North. Between Sections 26. and 27.
Variation 11°. 40' East

13.70 Road. bears N. of W. and S. of E.
32.00 Center Corn field. bears East. and West.
40.00 Set Line Stone 20 inches long. 13 inches wide. and 6 inches thick
for quarter Section Corner.
80.00 Set Sand Stone. 26 inches long. 12 inches wide. and 4 inches thick
for Corner to Sections 22. 23. 26. and 27.
Land. High rolling prairie. Soil 1st. rate

East. on Random line. Between Sections 23. and 26
Variation 11°. 40' East.

5.72 Leave Cornfield. bearing North. and South.
24.32 Road. bears North to Neneha City. and South to Archer
40.00 Set post for temporary quarter Section Corner
54.02 Ravine. bears E. of S. bears 18 chains North.
80.65 Intersected N. and S. line 10 links South of Corner
to Sections 23. 24. 25. and 26. from which Corner. Run
West, on true line. Between Sections 23. and 26
Variation 11°. 44'. East.
40.322 Set Line Stone. 15 inches long. 10 inches wide. and 4 inches thick

Township 3. North. Range 16. East. of the 6th Principal Meridian

chains

For quarter Section Corner.

80.65 The Corner to Sections. 22. 23. 26. and 27.

Land. High rolling prairie. Soil 1st rate.

North. Between Sections 22. and 23.

Variation 12°. 25 East.

8.20 Military road. bears West to Nebraskacity. East to St. Stephens

19.20 Leave Corn field. bears E. and W.

40.00 Set Lime Stone. 20 inches long. 12 inches wide, and 7 inches thick. For quarter Section Corner.

70.00 A grove of timber Containing 10 Acres. Stands 4 chains East

80.00 Set Lime Stone 22 inches long. 14 inches wide. and 3 inches thick. For Corner to Sections 14. 15. 22. and 23

Land. principally high rolling prairie - Soil 1st rate

Timber. Black. and White Oak. Hickory. Elm & Walnut.

East. on random line. Between Sections 14 & 23

Variation 12°. 25. East.

17.37 Center brush. and timber. bearing North. and South

40.00 Set Post. for temporary quarter Section Corner.

44.57 Leave timber. bears E. of N. and W. of S.

Township 3. North. Range. 16 East. fpr 6th Principal Meridian

chains

68.57 Road. bears N. of E. and W. of S.

80.30 Intersects N. and S. line. 68 links North of Corner to Sections 13. 14. 23. and 24. from which Corner. Drew West. on a true line. Between Sections 14 & 23

Variation ~~East~~ 11°. 57'. East.

40.15 Set Post. for quarter Section Corner. from which.

an Elm 18 in. in diam. bears S. 32¾. E. 34 links dist.

a. Hickory 8in. in diam. bears N. 47¾. E. 25 links dist

80.30 The Corner to Sections. 14. 15. 22. and 23.

Land. high and rolling. principally prairie. Soil 1st rate

Timber. Black. and White oak. walnut. Elm. ash. and Hickory

Undergrowth. Same. hazel and vines

July 19th 1856

North. Between Sections 14. and 15.

Variation 12°. 35. East.

28.00 Drain in raine (no water) bears W. of N. and E. of S

40.00 Set Lime Stone. 20 inches long. 10 inches wide. and 7 inches thick

For quarter Section Corner.

78.40 Indian trail bears N. of W. and S. of E

78.50 Center brush. bears N of W. and S. of E.

80.00 Set Lime Stone. 22 inches long. 17 inches wide. and 4 inches thick

Township 3 North. Range 16. East. of the 6th Principal Meridian

Chains	
	For Corner to Sections 10. 11. 14. and 15
	Land. high rolling prairie - Soil 1st rate
	East. on random line. Between sections 11 & 14.
	Variation 12°. 35' East.
15.00	Center scattering timber. bearing N. W. and S. E
36.30	Drain (no water) bears N. of E. and S. of W
36.80	Drain bears S. of W
38.10	Drain bears W. of N
40.00	Set Post. for temporary quarter section Corner
50.20	Stream. 5 links wide runs N. of W
53.00	Two Log houses Stand 3 chains North -
72.00	Leave timber. bearing W. of S. and E. of N
79.82	Intersected N. and S. line 97 links North of Corner
	to Sections 11. 12. 13. and 14. from which Corner. Run
	West. on a true line. Between Sections 11. and 14
	Variation 11°. 53'. East.
39.91	Set Post. for quarter Section Corner. from which
	an Elm. 9 in. in diam. bears S. 8½° E. 52 links dist.
	an Elm. 11 in. in diam. bears N. 3½. W. 16 links dist.
79.82	The Corner to Sections 10. 11. 14. and 15

Township 3. North. Range. 16 East. of the 6th Principal Meridian

Chains	
	Land. high and rolling. Soil 1st rate
	Timber. good. Black. white. Bur. and Red oak. Walnut
	Lynn. Elm. Hackberry. and Hickory.
	Undergrowth. Same. hazel. and vines.
	North. Between Sections 10. and 11
	Variation 12°. 35. East.
2.00	Center scattering timber. bears E. and W
3.40	Stream. 5 links wide. runs N. of W. heads S. of E.
6.00	Leave timber and brush. bears E. and W
13.40	Indian trail. bears N. of W. and East.
40.00	Set Post in mound. charred Stake at Centre point
	Trench. and Pits. as per instructions. For quarter Section Corner
54.50	Road. bears N. of W. to Nemaha City. and S. E. to St. Levin.
68.60	Center brush. and timber bears S. W. & N. E
71.00	Stream 20 links wide. runs E. of N
72.00	Same Stream. runs N. W
74.70	Stream 5 links wide. runs N. of W. heads about 25 ch. S. of E
78.50	Leave brush & scattering timber bears S. E. and W. of N
80.00	Set Ironwood post in mound. charred Stake at Centre point
	Trench and Pits as per instructions. for Corner to Section 2. 3. 10 & 11.

Township 3. North, Range 16. East. of the 6th Principal Merid.

Chains	
	Land. High rolling & broken. Soil 1st rate
	Timber. Black & W. Oak. Elm. Hickory. Lynn & Walnut
	Undergrowth. Same. hazel. Vines & Sumach.

East. on random line. Between Sections 2. and 11

Variation 11°. 55'. East

38.70	Indian trail. bears E. of S. and W. of N.
39.35	Enter brush. and Scattering timber. bearing W. of N. and ~~E of~~ S. E
40.00	Set post. for temporary quarter Section Corner.
44.30	Leave brush & timber bearing S. W. and N. E
48.00	Enter timber bearing N. and S.
57.50	Stream 10 lks. wide. runs W. of N.
79.00	Leave timber bearing S. W. and N. E
79.70	Intersected the N. and S. line. 2 links North of Corner to Sections 1. 2. 11. & 12. from which Corner. I. run

West. on true line. Between Sections 2 & 11

Variation 11°. 55'. East

39.85	Set post. for quarter Section Corner. from which a Bur Oak. 15 in. in diam. bears. S. 17. E. 67 Lks. dist
	a Red Oak. 24 in. in diam. bears. N. 18½. E. 149 Lks. dist
79.70	The Corner to Sections 2. 3. 10. and 11.

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	Land. High. rolling. and broken. Soil of E½. 1st rate
	W½. 2nd rate. fit for Cultivation
	Timber. Black. White. Bur. and Red Oak. Hickory
	Walnut. Lynn & Elm.
	Undergrowth. Same. and hazel.

North. on random line. Between Sections 2. and 3.

Variation ~~11°. 55'~~ 12°. 35'. East.

31.00	Enter brush. bearing W. of S. and E. of N
40.00	Set post. for temporary quarter Section Corner.
44.50	Stream 20 links wide runs N. E
45.80	Same Stream. runs N. W
48.10	Same Stream. runs N. E
52.00	Leave timber. bearing N. E. and S. W
67.00	Enter timber bearing N. W. and S. E
78.14	Intersected the North boundary of the Township 1.37 lks. West of Corner to Sections. 2 and 3. from which Corner. I run

South. on true line. Between Sections 2. and 3

Variation 11°. 35'. East

38.14	Set post. for quarter Section Corner. from which an Elm 12 in. in diam. bears N. 68½. W 115 Lks. dist

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	a White oak 12in in diam. bears N. 19½ W. 148 LKs. dist.
	No trees on E. side of line.
78.14	The Corner to Sections 2. 3. 10. and 11.
	Land. High. and rolling. Soil 1st rate.
	Timber. Black. and W. Oak. Hickory. Elm. Cherry & Walnut
	Undergrowth. Same. hazel. and vines.
	North. Between Sections 33. and 34
	Variation 11°. 50 East.
9.00	Spring branch 10 links wide runs W. & S. heads
40.00	Set Sand Stone. 20in long. 10in wide. and 4in thick
	For quarter Section Corner.
80.00	Set Lime Stone. 19in long. 14in wide. and 4in thick
	For Corner to Sections 27. 28. 33. and 34.
	Land. High rolling prairie - Soil 1st rate.
	East. on random line. Between Sections 27. and 34
	Variation 11°. 50' East.
40.00	Set post. for temporary quarter Section Corner
79.68	Intersected the N. and S. line. 15 links North of Corner
	To Sections 26. 27. 34. and 35: from which Corner. Iron

Township 3. North. Range 16. East. of the 6th Principal Merdn

Chains	
	West. on true line. Between Sections 27. and 34.
	Variation 11°. 44. East
39.84	Set Sand Stone. 14in long. 10in wide. and 8in thick
	For quarter Section Corner.
79.68	The Corner to Sections 27. 28. 33. and 34.
	Land. High rolling prairie. Soil 1st rate.
	July 21st 1856
	North. Between Sections 27. and 28.
	Variation 11°. 50' East.
12.30	Drain. runs S. & W. heads about 50 chs. N. E.
40.00	Set Line Stone. 20in long. 10in wide. and 3in thick
	For quarter Section Corner.
80.00	Set Line Stone. 20in long. 10in wide. and 4in thick
	For Corner to Sections 21. 22. 27. and 28.
	Land. High rolling prairie - Soil 1st rate.
	East. on random line. Between Sections 22. and 27
	Variation 11°. 50' East.
26.00	Road. bears S. E. and N. W.
40.00	Set Post for temporary quarter Section Corner.
74.20	Center Cornfield. bearing N. and S.

Township 3. North. Range 16. East. of the 6th Principal Meridian.

Chains	
79.74	Intersected the N. and S. line 41 links South of Corner to Sections 22. 23. 26. and 27. from which Corner. Run West. on true line. Between Sections 22. and 27 Variation. 12°. 0'. East
39.87	Set Line Stone. 20in long. 9in wide. and 5in thick For quarter Section Corner.
79.74	The Corner to Sections 21. 22. 27. and 28. Land. high rolling prairie. Soil 1st rate

North. Between Sections 21. and 22.
Variation 12°. 25'. East.

27.00	Road. bears S. 75 E. and N. of 70
40.00	Set Line Stone. 20in long. 9in wide. and 5in thick For quarter Section Corner.
70.20	Stream 5 links wide. runs N. 20
80.00	Set Sand Stone. 20in long. 11in wide. and 5in thick For Corner to Sections 15. 16. 21. and 22 Land. High rolling prairie. Soil 1st rate

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
	East. on random line. Between Sections 15 & 22 Variation 12°. 10' East.
12.40	Drain bears E. of N. and W. of S.
20.60	Drain bears N. 45.
40.00	Set post. for temporary quarter Section Corner.
66.80	Center timber. bearing N. and S.
68.60	Spring branch. 5 lks. wide runs N. heads 40 ch. S.
71.10	Lone timber bearing N. 45.
79.60	Intersected the N. and S. line 10 links North of Corner to Sections 14. 15. 22 & 23. from which Corner. Run West. on true line. Between Sections 15. and 22 Variation 12°. 06 East.
39.80	Set Sand Stone 20in long. 10in wide. and 3in thick For quarter Section Corner.
79.60	The Corner to Sections 15. 16. 21. and 22 Land. High rolling prairie. Soil 1st rate Timber on Stream. Elm. Black. Lynn &c.

North. Between Sections 15. and 16
Variation 12. 40 East

15.20	Drain. runs East

Township 3. North, Range 16. East, of the 5th Principal Meridian

Chains	
40.00	Set Lime Stone, 16in long, 12in wide, and 3in thick for quarter Section Corner.
80.00	Set Sand Stone, 18in long, 13in wide, and 4in thick for Corner to Sections 9, 10, 15 & 16. Land, High rolling prairie - Soil 1st rate.

East, on random line, Between Sections 9. and ~~16~~ 10. and 15

Variation 12°. 06 East.

40.00	Set post, for temporary quarter Section Corner
54.50	Enter timber, bearing N. E. and S. W
57.10	Spring branch 10 links wide, runs N. E. heads S.W
59.10	Same Stream runs S. of E
62.00	Same Stream, runs N. E
67.70	Stream 10 links wide runs N. W. heads E of S
72.00	Leave timber & brush, bearing N. E. and E of S.
79.10	Indian trail bearing N. W & S. E. enter brush
79.64	Intersects the N. and S. line, 20 links North of Corner to Sections 10. 11. 14. and 15. from which Corner I run
~~39.82~~	~~Set Sand Stone 19in long, 11in wide, and 6in thick~~

~~West~~. on true line. Between Sections ~~9. and 16~~ 10 and 15

Variation 11°. 57', East.

Township 3. North: Range 16. East, of the 5th Principal Meridian

Chains	
39.82	Set Sand Stone, 19in long, 11in wide, and 6in thick for quarter Section Corner.
79.64	The Corner to Sections 9. 10. 15. and 16 Land, high rolling, Soil 1st rate. W'r. prairie Timber, White, Black, and Red Oak, Lynn, Elm Coffee nut, Hickory, Walnut & Cherry. Undergrowth, Same, hazel & Vines

North, Between Sections 9. and 10.

Variation 12°. 40' East.

21.50	a Log house ~~stands~~ East, about 8 chain dist, on edge of timber
33.20	Enter brush, and timber, bearing E. of S. and N. W
40.00	Set post, for quarter Section Corner, from which cd. Hickory, 8in in diam, bears S. 50½ E. 19 Lks. dist cd. Hickory, 6in in diam, bears N. 69½ W 41 Lks. dist
44.30	Spring branch 15 links wide, runs N. E
46.48	B. Walnut 20in in diam
47.50	Leave timber bearing N. of W and East.
65.60	Enter brush, and timber, bearing N. W. and S. E
68.20	Drain runs S. E. heads 6 ch. N. W

Township 3. North. Range 16. East. of the 6th Principal Merid.

Chains	
70.00	Leave timber bearing S.E. and N.W
80.00	Set Sand Stone, 17in. long. 8in. wide. and 8in. thick. for Corner to Sections 3. 4. 9. and 10
	Land. High. and rolling - Soil 1st. rate
	Timber. Black. and W. oak. Hickory. Walnut Elm &c.

East. on random line. Between Sections 3. and 10

Variation 12°. 40' East.

13.00	Road. bearing ~~E. of N.~~ N.E. and S. of W.
15.00	Enter brush. timber bearing E. of N. and S. of W.
19.10	Stream 3 links wide runs E. of N
21.00	Leave timber brush. bearing E. of N. and S. of W
40.00	Set post for temporary quarter Section Corner.
45.20	Road. bearing N. and S
56.20	Enter brush timber. bearing N. of E. and S. of W
68.00	To edge of bank. 60 feet high
68.50	Stream 10 links wide. runs N.th
69.70	Same Stream. runs S.E
72.40	Same Stream. runs N.th
78.00	Leave timber brush. bearing N. of E. and S. of W
79.78	Intersected the N. and S. line. 1.26 links North of

Township 3. North. Range 16. East. of the 6th Principal Merid.

Chains	
	Corner to Sections 2. 3. 10 & 11. from which Corner. Run West. on true line. Between Sections 3. and 10
	Variation 11°. 46'. East.
39.99	Set Sand Stone. 16in. long. 10in. wide. and 4in. thick for quarter Section Corner.
79.78	The Corner to Sections 3. 4. 9. and 10.
	Land. principally Creek bottom. Soil 1st. rate
	Timber. Black & W. oak. Hickory. Walnut. Elm Cherry &c. Undergrowth. Same hazel and Vines.

North. on random line. Between Sections 3. and 4.

Variation 11°. 35' East.

19.00	Head of drain. runs S.E
22.50	Road. bears N.E & S.W
29.38	Fence (enter cornfield) bears S. of W. and N. of E
40.00	Set post. for temporary quarter Section Corner.
47.34	Fence (leave Corn field) bears N.W & S.E
47.50	Road. Same bearing as above
53.00	Enter timber on the East.
54.50	~~West~~ East side of Road. bears N.
58.50	Virmin Dwolls house. Stands West. 2.50 ch. dist

Township 3. North. Range 16. East. of the 6th Principal Meridian

Chains	
59.20	Leave road. bearing N.W
60.00	Enter timber bearing N.W 45 E
65.00	Leave point of timber bearing N.E 45.W
70.50	Enter point of timber, bearing S.E & N.W
75.00	Leave same bears N.E. and S.W
76.08	Indian trail bearing N.E & W. of S.
78.42	Intersected the North boundary of the Township 33 links East of Corner to Sections 3. and 4. from which Corner. Run South. on true line. Between Sections 3 & 4
	Variation 11°.50 East.
38.42	Set Sand Stone. 16in long. 10in wide. and 4in thick for quarter Section Corner.
78.42	The Corner to Sections 3.4.9. and 10
	Land. High rolling - Soil 1st rate
	Timber. Hickory. Walnut. Oak. &c
	July 22nd 1856.

North. Between Sections 32. and 33

Variation 12°.00 East.

40.00	Set Sand Stone 20in long. 10in wide. and 6in thick for quarter Section Corner.
80.00	Set Line Stone. 24in long. 10in wide. and 5in thick

Township 3 North. Range 16. East. of the 6th Principal Mer.

Chains	
	for Corner to Sections 28. 29. 32. and 33
	Land. High rolling prairie - Soil 1st rate

East. on random line. Between Sections 28 and 33

Variation 12.00 East.

39.70	Drain. runs E. of S. heads 20ch. W. of N.
40.00	Set post. for temporary quarter section Corner
62.00	Drain (head of stream) runs S of W. Drain heads 50ch. E. of N.
79.69	Intersected the N. and S. line. 23 links South of Corner to Sections 27. 28. 33. and 34. from which Corner. Run
	West. on true line. Between Sections 28. and 33.
	Variation 12°.09 East
39.84½	Set Sand Stone. 16in long. 9in wide. and 4½in thick for quarter Section Corner
79.69	The Corner to Sections 28. 29. 32. and 33
	Land. High rolling prairie. Soil 1st rate

North. Between Sections 29. and 28.

Variation 12.00 East.

40.00	Set Line Stone. 17in long. 10in wide. and 4in thick for quarter Section Corner.

Township 3. North. Range 16. East. of the 6th Principal Merid.

Chains	
80.00	Set Lime Stone, 20in long, 12in wide, and 8in thick For Corner to Sections 20. 21. 28. and 29. Land. High rolling prairie. Soil 1st rate.
	East, on random line. Between Sections 21. and 28 Variation 12°. 0' East.
40.00	Set post. for temporary quarter Section Corner
79.40	Intersected the N. and S. line. 36 links South of Corner. to Sections 21. 22. 27. and 28. from which Corner. I run West, on true line. Between Sections 21. and 28 Variation 12°. 15' East.
39.70	Set Sand Stone, 16in long, 11in wide, and 10in thick For quarter Section Corner.
79.40	The Corner to Sections 20. 21. 28. and 29. Land. High rolling prairie. Soil 1st rate.
	North. Between Sections 20. and 21 Variation 12°. 35'. East.
40.00	Set Lime Stone, 16in long, 9in wide, and 4in thick For quarter Section Corner.
59.10	Drain, run West. heads 50 ch. N. of E.

Township 3. North. Range 16. East. of the 6th Principal Merid.

Chains	
80.00	Set Sand Stone, 24in long, 12in wide, and 6in thick For Corner to Sections 16. 17. 20. and 21. Land. High rolling prairie. Soil 1st rate.
	East. on random line. Between Sections 16. and 21 Variation 12°. 35' East.
36.30	Road. bears S. E & N. W. (Divide between the Missouri river and Muddy Creek)
40.00	Set post. for temporary quarter Section Corner
79.45	Intersected the N. and S. line 36 links North of Corner to Sections 15. 16. 21. and 22. from which Corner. I run West. on true line. Between Sections 16. and 21 Variation 12°. 20' East.
39.72½	Set Sand Stone. 17in long. 11in wide. and 5in thick For quarter Section Corner.
79.45	The Corner to Sections 16. 17. 20. and 21 Land. High rolling prairie. Soil 1st rate
	North. Between Sections 16. and 17 Variation 12°. 40' East.
38.40	Road. bears N. of W. and S. of E

Township 3. North: Range 16. East. of the 6th Principal Merdn

Chains	
40.00	Set Sand Stone. 16in long. 12in wide. and 3in thick
	For quarter Section Corner.
50.00	Road. bears E. of S. and W. of N.
80.00	Set Sand Stone. 20in long. 14in wide. and 8in thick
	For Corner to Sections 8. 9. 16. and 17
	Land. High rolling prairie. Soil 1st rate.
	July 23rd 1856

East. on random line. Between Sections 9. and 16

Variation 12°. 40' East.

17.60	Road. bears E. of S. and W. of N
37.00	Drain bears ~~E. of S.~~ N. E. ~~and W. of N~~ heads S.E
40.00	Set post. for temporary quarter Section Corner
54.20	Road. bears N. and S.
~~71.00~~	~~Road. bears E. of S. and W. of N.~~
79.48	Intersected the N. and S. line 85 links North of Corner to Sections 9. 10. 15. and 16. from which Corner. Drn

West. on true line. Between Sections 9. and 16

Variation 12°. 04' East.

39.74	Set Sand Stone. 17in long. 11in wide. and 4in thick
	For quarter Section Corner
79.48	The Corner to Sections 8. 9. 16. and 17.

Township 3. North: Range 16. East. of the 6th Principal Meridian

Chains	
	Land. High rolling prairie. Soil 1st rate

North. Between Sections 8. and 9.

Variation 12°. 40' East.

40.00	Set Sand Stone. 16in long. 12in wide. and 5in thick
	For quarter Section Corner.
65.00	Fence (enter Cornfield) bearing W. of N. and E. of S
80.00	Set Sand Stone. 18in long. 14in wide. and 6in thick
	For ~~quarter~~ Corner to Sections 4. 5. 8. and 9.
	Land. High rolling prairie. Soil 1st rate

East. on random line. Between Sections 4 & 9.

Variation 12°. 40' East.

2.36	Fence (leave Cornfield) bearing S. of E. and N. of W
4.00	Enter brush. bearing S. of E. and N. of W
11.00	Leave brush. bearing N. and S.
15.50	Road. bears E. of N. and S. of W
23.00	Enter brush. bearing N. of E. and S. of W
40.00	Set post. for temporary quarter Section Corner.
41.50	Leave brush & scattering timber. bearing N. and S.
70.40	Road. bears N. of E. and S. of W.

Township 3. North. Range 16. East. of the 6th Principal Mer.d.

Chains	
79.49	Intersected the N. and S. line 105 links North of Corner to Sections 3.4.9.&10. from which Corner. I run West. on true line. Between Sections 4. and 9. Variation. 11°. 55'. East.
39.74½	Set Sand Stone. 16in long. 11in wide. and 4in thick for quarter Section Corner.
79.49	The Corner to Sections 4.5.8 & 9. Land. high rolling prairie. Soil 1st. rate. Timber. Hickory. Walnut & Elm. Undergrowth. Same. hazel. and vines

North. on random line. Between Sections 4. and 5
Variation 12°. 40' East

2.73	Fence (leave Cornfield) bears W. of N. and E. of S.
7.00	Center brush. bearing E. and W.
14.00	Leave brush. Same bearing as above
15.70	Road. bears N. of E. and S. of W.
20.90	Fence (enter cornfield) bears E. and W.
36.54	Fence (leave Cornfield) bears E. and W.
37.00	Road. bears S. of E. and N. of W.
40.00	Set post. for temporary quarter Section Corner.

Township 3. North. Range 16. East. of the 6th Principal Mer.d.

Chains	
61.50	Center brush. bearing E. and W.
73.30	Stream in ravine ~~[illegible]~~ bears E. and W.
79.42	Intersected the North boundary of the Township. 3 links West of Corner to Sections 4.&5. from which Corner. I run South. on true line. Between Sections 4 & 5 Variation 12°. 39'. East.
39.42	Set Sand Stone. 16in long. 9in wide. and 4in thick for quarter Section Corner.
79.42	The Corner to Sections 4.5.8. and 9. Land. High. and rolling. principally prairie. Soil 1st rate. Timber. Elm. Ash. Hickory & Walnut. Undergrowth. Same & hazel.

From the Corner to Sections 28.29.32. and 33. I run West. on random. Between Sections 29 & 32
Variation 12°. 10' East.

40.00	Set post. for temporary quarter Section Corner.
56.75	Stream 15 links wide. runs South
71.73	To a point 23 links North of Corner to fractional Sections 29 & 32. on the West line of the Half Breed Reservation.
8.54	Distance from meander corner. to Corner to Sections 29.30.31 & 32
80.27	Total Distance. on line Between Sections 29 & 32

Township 3 North. Range 16. East. of the 6th Principal Merid.

Chain	
	From the Corner on the West line of Half Breed Reservation. I run East. on true line. Between Sections 29 & 32
	Variation 12°. 21' East.
40.13½	Set Lime Stone, 16in. long. 10in. wide. and 4in. thick For quarter Section Corner.
71.73	The Corner to Sections 28. 29. 32. and 33: Land. High rolling prairie - Soil 1st. rate.

From the Corner to fractional Sections 29. and 30. on the West line of the Half Breed Reservation. I run North. Between Sections 29 & 30

Variation 12°. 10' East -

13.32	The distance the Corner on W. line of Reservation. is North of Section Cor.
40.00	Set Sand Stone. 15in. long. 11in. wide. and 4in. thick For quarter Section Corner.
49.27	Drain. runs E. heads 30 ch. wd.
80.00	Set Sand Stone. 24in. long. 15in. wide. and 7in. thick For Corner to Sections 19. 20. 29. and 30 Land. High rolling prairie Soil 2nd. rate (light & Sandy) fit for Cultivation

Township 3 North. Range 16. East. of the 6th Principal Merid.

Chain	
	East. on Random line. Between Sections 20. and 29
	Variation 12°. 10' East.
26.70	Spring branch. 15 links wide. runs W. 9 ch.
40.00	Set post. for temporary quarter Section Corner.
80.27	Intersected the N. and S. line 60 Links South of Corner to Sections 20. 21. 28 & 29. from which Corner. I run West. on true line. Between Sections 20. and 29
	Variation 12°. 36' East.
40.13½	Set Sand Stone. 16in. long. 11in. wide. and 3in. thick For quarter Section Corner.
80.27	The Corner to Sections 19. 20. 29 & 30 Land. High rolling prairie - Soil 1st. rate. July 24th 1856

West. on random line. Between Sections 19. and 30

Variation 12°. 41' East.

40.00	Set post for temporary quarter Section Corner
43.37	To a point 65 links South of Corner to fractional Sections 19 and 30. on the West line of the Half Breed Reservation. from which Corner I. run.

East. on true line. Between Sections 19 & 30

Variation 11°. 49'. East.

Township 3 North, Range 16 East, of the 6th Principal Meridian

Chains	
3.37	Set Sand Stone 16in long, 8in wide, and 8in thick for quarter Section Corner.
43.37	The Corner to Sections 19, 20, 29, and 30 Land High rolling prairie, Soil light, and Sandy 2nd rate, fit for Cultivation

North, Between Sections 19 and 20
Variation 12°. 35'. East.

15.60	Spring branch, 5 links wide, runs S. of E. heads 50 ch. W of N
40.00	Set Sand Stone 20in long, 10in wide, and 4in thick for quarter Section Corner.
80.00	Set Sand Stone, 24in long, 22in wide, and 4in thick, for Corner to Sections 17, 18, 19, and 20 Land high rolling prairie, Soil light & Sandy 2nd rate, fit for Cultivation.

East, on random line, Between Sections 17 and 20
Variation 12°. 35'. East.

28.00	Drain (slough) runs E. of S. heads 60 ch. N. W
40.00	Set post, for temporary quarter Section Corner
50.00	Drain (slough) runs S. of W. heads N. of E.

Township 3 North, Range 16 East, of the 6th Principal Meridian

Chains	
80.13	Intersected the N. and S. line 19 links North of Corner to Sections 16, 17, 20 & 21, from which Corner, I run West, on true line, Between Sections 17 and 20 Variation 12°. 32' East.
40.062	Set Sand Stone, 16in long, 9in wide, and 4in thick for quarter Section Corner.
80.13	The Corner to Sections 17, 18, 19, and 20 ~~Variation~~ Land High rolling prairie, Soil 1st rate

West, on random line, Between Sections 18 and 19
Variation 12°. 35'. East.

40.00	Set post, for temporary quarter Section Corner
75.00	Drain, runs S. E. heads 25 ch. N.
75.82	Intersected the West boundary of the Township 87 links South of the Corner to Sections 18 and 19, from which Corner, I run East, on true line, Between Sections 18 and 19. Variation 11°. 56' East.
35.82	Set Sand Stone, 16in long, 10in wide, and 4in thick for quarter Section Corner.
75.82	The Corner to Sections 17, 18, 19, and 20. Land, High rolling prairie, Soil 1st rate.

Township 3. North. Range 16. East. of the 6th Principal Meridian

chains

North. Between Sections 17. and 18.
Variation 12°. 40'. East.

19.00 Drain. runs S.E. heads N.W

40.00 Set Sand Stone. 16in. long. 10in. wide. and 4in. thick
for quarter Section Corner.

42.50 Road. bears N. of W. and S. of E. summit or 3 wide
Between Missouri River. and Muddy Creek.

80.00 Set Sand Stone. 24in. long. 15in. wide. and 4in. thick
for Corner to Sections 7. 8. 17. and 18.
Land. High rolling prairie. Soil light & Sandy
2nd rate. Fit for Cultivation

East. on random line. Between Sections 8 & 17
Variation 12°. 40' East.

31.61 Drain bears N & S.

40.00 Set post. for temporary quarter Section Corner

80.11 Intersected the N. & S. line 35 links North of
Corner to Sections. 8. 9. 16. & 17. from which Corner. I run
West. on true line. Between Sections 8. and 17
var 12°25' E.

40.05½ Set Sand Stone. 16in. long. 14in. wide. and 5in. thick
for quarter Section Corner.

Township 3. North. Range 16. East. of the 6th Principal Merid.

chains

80.11 The Corner to Sections. 7. 8. 17. and 18
Land. High rolling prairie - Soil 1st rate.

West. on random line. Between Sections 7. and 18
Variation 11°. 56' East.

8.10 Drain. runs N.E. heads 20 chs. Sth.

40.00 Set post. for temporary quarter Section Corner.

75.08 Intersected the West boundary of the Township 36 links
South of Corner to Sections 7. and 18. from which Corner. I run
East. on true line. Between Sections 7. and 18
Variation 11°. 39'. East.

35.08 Set Sand Stone. 18in. long. 10in. wide. and 4in. thick
for quarter Section Corner.

75.08 The Corner to Sections 7. 8. 17. and 18
Land. High rolling prairie - Soil 1st rate.
July 25th. 1856

North. Between Sections 7. and 8.
Variation 12°. 40' East.

20.00 Drain. ~~bears N. of W.~~ runs N. of E.

40.00 Set Sand Stone. 16in. long. 12in. wide. and 6in. thick
for quarter Section Corner.

Township 3. North. Range 16. East, of the 6th Principal Meridian

Chains	
80.00	Set Sand Stone. 24in long. 14in wide. and 4in thick. for ~~Quarter~~ Corner to Sections 5. 6. 7 & 8.
	Land. High rolling prairie - Soil 1st rate

East. on random line. Between Sections 5. and 8.
Variation 12°. 40' East

40.00	Set post. for temporary quarter Section Corner
43.30	Center timber. bearing S. of W. and N. of E
44.00	Stream 4 links wide. runs N.
44.40	Leave timber. bearing N & S.
64.00	Center brush & point of timber bearing N. and S.
68.30	Leave brush & timber. bearing N & S
69.78	Fence (enter Cornfield) bearing W. of S. and E. of N.
	Francis Currier's farm. (Half Breed)
79.90	Intersected the N. & S. line. 83 links North of Corner to Sections 4. 5. 8 & 9. from which Corner I run
	West. on true line. Between Sections 5. and 8
	Variation 12°. 05' East
39.95	Set Lime Stone. 17in long. 11in wide. and 4in thick for quarter Section Corner.
79.90	The corner to Sections 5. 6. 7 and 8.

Township 3. North. Range 16. East. of the 6th Principal Merid.

Chains	
	Land. High rolling prairie. Soil 1st rate
	Timber Scattering. Hickory. Walnut & Elm.

West. on random line. Between Sections 6. and 7.
Variation 12°. 40' East.

40.00	Set post. for temporary quarter Section Corner
74.10	Intersected the West. boundary of the Township 1.16 Links South of Corner to Sections 6. and 7. from which Corner I run.
	East. on true line. Between Sections 6. and 7
	Variation 11°. 50' 46'. East.
34.40	Set Sand Stone. 16in long. 10in wide. and 4in thick for quarter Section Corner.
74.10	The Corner to Sections. 5. 6. 7. and 8.
	Land: High rolling prairie. Soil 1st rate.

North. on random line. Between Sections 5 & 6.
Variation 12°. 40' East.

40.00	Set post. for temporary quarter Section Corner
80.32	Intersected the North Boundary of the Township 12 links West of the Corner to Sections 5 & 6. from which Cor. I run

Township 3 North. Range 16 East. of the 6th Principal Meridian

Chains	
	South on true line. Between Sections 5. and 6
	Variation 12°. 35'. East.
40.32	Set Sand Stone. 16in long. 12in wide. and 4in
	thick. For quarter Section Corner.
	Land. High rolling prairie. Soil 1st rate.
	July 26th. 1856.

General Description

The quality of the land in this Township. is above the common average. The soil is nearly all of a first character. and is mostly of that description termed high and rolling.

Timber. chiefly. Black. White. Burr & Red Oak. Hickory walnut Hackberry Lynn Elm &c. The timber is principally in the N.E. portion of the Township.

The Township is well watered. The Streams and ravines have their sources in Springs. the water is pure and good.

Stone is scarce. There is none to be found cropping out on the surface.

There are two settlements in this Township One in Section 4. and one in Section 5

Township 3. North. Range 16. East, of the 6th Principal Mer.

Chains	
	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 Township 3. North. of the Base Line. Range 16. East of the 6th Principal Meridian. Showing the respective Capacities in which they acted.

Denis McMamus	Chainman
William Phillips	Chainman
Victor Kew	Flagman
Edward Boyle	Axeman
H. Clay Kuhn	Compassman.

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Township 3 N. North. Range 16 East. of the 6th Principal Mer.

claim			

...es office
...uly 1857

Township 3
Chain

T.

Tp	R 14	15	16	17	18
1				×	×
2			×	×	
3		×	×	×	
4		×	×	×	
5	×	×			

The Surveyor Generals Approval of surveys of the above townships are to be found on pg 140 in Tp and and Range checked in Red

Surveyor Generals Office
Decemp 1st K.T. 17 July 1857

~~I Certify that~~ The foregoing field notes of the survey of the meander and subdivision lines of Townships One North of Range Seventeen and Eighteen East of the Sixth Principal Meridian in the Territory of ~~Nebraska~~ Kansas and Townships One North of Ranges Seventeen and Eighteen East - Township Two North of Ranges sixteen Seventeen and Eighteen East - Township Three North of Ranges Fifteen sixteen and seventeen East - Township Four North Fifteen sixteen and seventeen East and Townships Five North of Ranges Fourteen and Fifteen East of the Sixth Principal Meridian in the Territory of Nebraska executed by Michael McMannus D.S.

under his contract No 124
dated 12 May 1856 in the
months of June July, August
September 1856 having
been critically examined
the necessary corrections and
explanations made the
said field notes and the
surveys they describe are
hereby approved

J. Calhoun
Surveyor General

Mc Manus

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5

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4

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Contract No 49

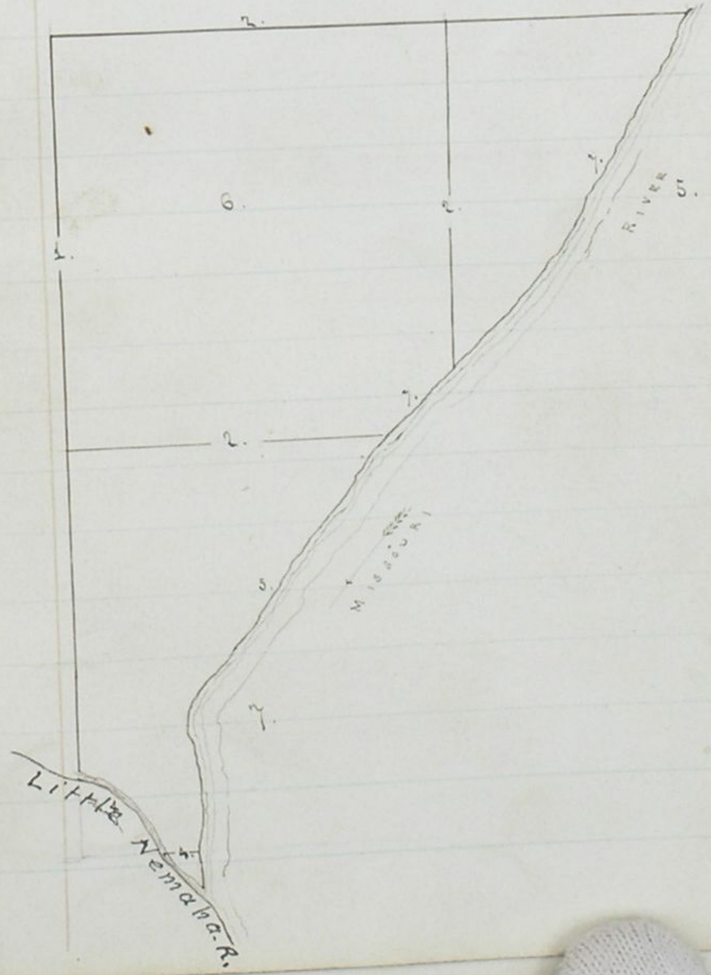
(Oct. 19 1855)

Index

Referring the lines to the pages of the Field - Notes
Township 4. North. Range 16 East
of the 6th Principal Meridian.

Public Lands

Public Lands Contract No. 49



Field Notes of the Survey of Township 4 North.
Range 16. East. of the 6th. Principal Meridian
in Nebraska Territory

Commenced on the. 17th. March 1856
Completed on the. 19th. March 1856.

Michael Mc. Manus
Deputy Surveyor

"List of Assistants".

Denis Mc. Manus. Chainman
Patrick G. Mc. Manus. Chainman
William Bradock. Flagman
Patrick Waldron. Axeman:

Field Notes of the Subdivision lines and Meanders of the Little Nemaha. and Missouri Rivers. in Fractional Township 4 North. Range 16 East of the 6th. Principal Meridian

Chains

To determine the proper adjustment of my Compass for Subdividing this Township. I commence at the Corner to Township 4 North. Ranges 15. and 16 East. and run South on a blank line along the West boundary of Section 6.

Variation 11°. 55. East.

28.45 To a Stone. being the N. to. Corner of Nemeha City
41.32 To a point 3 links west of quarter Section Corner
81.12 To a point 26 links west of Corner to Sections 6 & 7.

To retrace this line or run parallel thereto my Compass must adjusted to a
Variation of 12°. 16. East.

From the Corner to Township 4. North. Ranges 15 and 16 East. I run on a blank line East on north line of Section 6.

Variation 11°. 25. East

36.00 Set post for temporary quarter Section Corner.
55.54 To a point 50 links South of quarter Section Corner for Section 31. Township 5 North. Range 16 East..

~~From which Corner I run.~~ ~~N~~ From the N. W. Corner of Township 4. N. I run East on the 1st. Standard Parallel ~~West. on true line on North boundary of Section 6.~~

Variation 11°. 53'. East.

Chains

~~35.93~~ ~~Set Lime Stone 16in long. 12in wide and 4in thick For quarter Corner. To Section 6. Thence East. on true line. on North boundary of said Section 6. (being the 1st Standard Parallel) Variation 11°. 53'. East.~~

75.93 Set Lime Stone 17in long. 12in ~~thick~~ wide. and 3in thick. marked with the letters C. C. For Corner to Sections 5. and 6. } 19.71 chains West of the Corner to Sections 31. & 32. Township 5 North. Range 16 East.

Subdivision Commenced March 17th 1856

South. Between Sections 5. and 6.

Variation 12°. 06'. East.

41.22 Set Lime Stone. 18in long 10in wide. and 3in thick For quarter Section Corner.

69.00 Set Lime Stone 16in long 11in wide. and 4in thick 40 links North of right bank of Missouri River. For Corner to Fractional Sections 5 & 6. Marked with the letters M. C.

Land. bottom prairie. Soil 2nd rate partly fit for Cultivation occasionally subject to inundation to a depth of 10 feet.

East on true line. Between Sections 6 & 7 knowing that I will strike the Missouri River. in less than 80.00 chains.

Chains

and parallel to the North boundary of Section 6.

Variation 11°. 53'. East.

~~3.00 Road bears E. & W. and to. of N~~

35.93 Set Lime Stone 16in long. 14in wide. and 4in thick For quarter Section Corner.

50.00 Center Cotton wood. and willow grove

63.33 Set Lime Stone 15in long. 12in wide and 4in thick 40 links West of the Right bank of the Missouri River. For Corner to fractional Sections 6. and 7.

Land. River bottom prairie (mostly) Soil 3rd rate part fit for Cultivation.

River bank 15 feet high. banks washing away. bottom subject to inundation occasionally. 10 feet deep

March 17th 1856.

Meanders of the left bank of the Little Nemaha River and right bank of the Missouri through the Township.

Begin at the Meander Corner to Sections 7. and 12. in the West boundary of the Township. and on the left. and North bank of the Little Nemaha River. and run thence down Stream with the Meanders of the

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains

left bank of said river. in fractional Section 7.
as follows. Variation 12°. 06' East.

Courses	Distances ch.	Meanders in Section 7.
S. 64°. E	8.09	
S. 58¾. E	6.03	
S. 26¾. E	4.93	
S. 4½. E	5.11	To a point on the South line of Section 7. where I set a Lime Stone 17in. long 11in. wide. and 4in. thick. for Corner to fractional Sections 7. and 18. I determined said Corner to be 15.05 Chains East of Corner to Sections 7. and 18.

From thence I run.
East. on true line between Sections 7 & 18
Parallel to North line of Section 7.
Variation 11°. 53' East.

15.50	Enter Cotton wood grove (Young growth)
23.37	Set Lime Stone 16in. long. 10in. wide. and 4in. thick
	marked M.C. For Corner to Fractional Sections 7. and 18.
	on Right bank of Missouri river.
	Land. Loose Clay & Sand. not for Cultivation

Timber. Young growth of Cotton wood and Willow

I then return to the first meander Corner described for Sections 7. and 18. and Continue the meanders along the Left bank the Little Nemaha river
Variation 12°. 06'. East

Courses	Distances ch.	Meanders in Section 18:
S. 4½. W	3.28	banks washing away
S. 0¼. E	4.52	
S. 23½. E	3.21	
S. 27¼. E	3.73	
S. 35¼. E	3.61	Bluff on right bank. bears W. 45.
S. 54½. E	3.08	
S. 61½. E	2.19	mouth of the Little Nemaha River. 1.00 links
N. 1¾. E	3.10	wide.
N. 3¼. E	4.31	Thence North along the right. and West bank of
N. 5°. W	1.65	the Missouri river. up stream
N. 6¼. E	3.82	
N. 11°. W	5.91	
N. 23½ W.	1.29	The Corner to fractional Sections 7 and 18

Land. Soil Loose Clay & Sand. liable to wash away
Not fit for Cultivation.
Timber. Young Cotton wood & Willow

Township 4 North. Range 16 East of the 6th Principal Mer.

Courses	Distances ch.	
		Meanders in Section 7.
N. 15°. W	1.25	
N. 5¼. E	3.23	
N. 2½. E	6.68	foot of sand bar.
N. 10¼. W	3.53	
N. 7¼. E	4.22	
N. 15¼. E	5.26	
N. 5¾. E	6.58	
N. 16°. W	3.32	
N. 3½. E	2.42	
N. 25½. E	12.95	
N. 45. E	16.57	
N. 51¼. E	12.91	head of sand bar.
N. 39½. E	4.53	
N. 45 E	4.17	
N. 39¼. E	5.04	
N. 47. E	1.75	
N. 15½ E	1.65	The Corner to fractional sections 6 and 7.

Land. Sandy soil principally. not part fit for Cultivation.
Timber. Young Cotton wood & Willow
River banks 15 feet high. washing away

Township 4 North. Range 16 East of the 6th Principal Meridian. 7/50 6 8.

Courses	Distances ch.	
		Meanders in Section 6.
N. 48¼. E	5.86	
N. 43¼. E	5.07	
N. 51½. E	2.00	
N. 39¾. E	4.21	The Corner to fractional sections 5. and 6.

		Meanders in Section 5.
N. 52½. E	4.81	
N. 39¾. E	1.60	
N. 29. E	3.75	
N. 25¾. E	3.77	Leave brush
N. 7½. E	2.11	
N. 29. E	9.85	
N. 30¾. E	16.08	
N. 35½. E	6.96	
N. 41½. E	8.74	
N. 34¾. E	14.04	
N. 26½. E	10.78	The Corner on Standard line. being the meander Corner to fractional Section 5 and 32.

Land. River bottom. part fit for Cultivation subject inundation occasionally.
Banks washing away.

March 19th 1856

Township 4. North. Range 16. East of the 6th Principal Meridian

"General Description".

There is but a small quantity of land in this Fractional Township. Chiefly river bottom. Not of a very good quality, is liable to inundation occasionally. part fit for Cultivation

Timber. is Scarce. There are only a few scattering Cottonwood. and Elm. with young Cottonwood Swillows on the River. and a small quantity on the N. end of Section 6.

The bank of the Missouri river is ~~too~~ washing away.

The Township Contains two Settlements. One on the N. E. and the other on the N. W. quarter of Section 6.

List of Names".

A List of the Names of the individuals employed to assist in running. Measuring or marking the lines. and Corners described in the foregoing field Notes of Township Number four North of the base line. and Range Number ~~Fifteen~~ Sixteen East of the Sixth Principal Meridian. Showing the respective Capacities in which they acted.

Denis Mc. Manus . Chainman
Patrick J. Mc. Manus. Chainman
William Laradock . Flagman
Patrick Waldron . Axeman.

We hereby certify that we assisted Michael McManus Deputy Surveyor in subdividing and meandering Township Number four North of the base line of Range Number Sixteen East of the Sixth Principal Meridian. and that said Township 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.

James W. Manus Chainman
Patrick R. McManus Chainman
Patrick Waldron Axeman
Wm. Cradock Flagman.

Subscribed. and sworn to by the above named persons before me Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 13th day of April 1856.

Edwin Sidder
Deputy Clerk

Chains

~~and parallel to the North boundary of section 6.~~
~~Variation 11°. 55' East~~
~~2.00 Cor. bears S. 95 and W. 9 lks.~~
~~25.93 Set Cor. 6~~

I. Michael McManus Deputy Surveyor do solemnly swear. that in pursuance of a Contract with "John Calhoun" Surveyor of the Public lands of the United States in the Territories of Kansas and Nebraska. bearing date the nineteenth day of October 1855. and in strict conformity to the laws of the United States. and the instructions furnished by the Surveyor General. I have faithfully surveyed the subdivision lines and meanders of Township number four North of the base line. Range number sixteen East of the Sixth Principal Meridian in Nebraska Territory aforesaid. and do further solemnly swear. that the foregoing are the true and original field notes of such survey.

Michael McManus
Deputy Surveyor.

Subscribed by said Michael McManus ~~Deputy Surveyor~~ and sworn to before me a Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory, this 13th day of April 1856

Edwin S. Selden,
Deputy Clerk

Exd by G.C.V.Z.

Ex^a Torry & Doyle

Half Breed Ind^n Res^n
Contract No 124

May 12 1856

Field Notes of the Subdivision Lines
and Meanders of the Little Nemeha and
Missouri Rivers in
Township 4 North
Range 16 East
in the
Territory of Nebraska
Michael Mc. Manus, Deputy Surveyor.

Date of Contract May 12 1856 No 124

Recd

Field Notes of the Subdivision Lines
and Meanders of the Missouri River
in
Township 4. North.
Range 16. East.
in the
Territory of Nebraska.
Michael Mc. Manus. Deputy Surveyor.

Field Notes of the Subdivision Lines. and
Meanders of the Missouri River
in
Township. 4. North.
Range. 16. East.
in the
Territory of Nebraska
Michael Mc. Manus. Deputy Surveyor

Commenced July 29th " 1856
Completed August 19th " 1856

List of Assistants

H. Clay Kuhn.	Compassman
Denis Mc. Manus.	Chainman
William Phillips.	Chainman
Victor Keen	Flagman
Edward Boyle.	Axeman.

Field Notes of the Subdivision lines. and Meanders of the Missouri river in Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains

To determine the proper adjustment of my Compass for Subdividing this Township. I commence at the Corner to Townships 3. and 4. North. Ranges 16. & 17 East. and run North. on blank line along the East boundary of Sec. 36.

Variation 12°. 30'. East

40.04 To a point 6 links East. of quarter Section Corner

79.54 To a point 11 links East of Stone marked for Corner to Sections 25. and 36.

To retrace this line. or run parallel thereto my Compass must be adjusted to a Variation of 12°. 35'. East.

From the Township. and Range Corner. described above. I run West. on blank line. along the South boundary of Section 36

Variation 12°. 00' East.

39.36 To a point 24 links South. of the quarter Section Corner

78.78 To a point 35 links South of Corner to Sections 1. 2. 35 & 36.

Variation 11°. 45'. East.

Subdivision Commenced July 29th 1856
From the Corner to Sections. 1. 2. 35. and 36. on the South Boundary of the Township — I run.

Township 4. North. Range 16 East. of the 6th Principal Meridian

Chains	
	North. Between Sections 35. and 36
	Variation 12°. 35'. East.
14.18	Black oak. 12in. in diam.
17.08	Black Oak. 18in. in diam.
17.22	Black Oak. 16in. in diam.
22.00	Top of high ridge. bearing S. of W. and N. of E.
24.31	White Oak. 10in. in diam.
29.39	Black Oak. 8in. in diam.
33.58	Ash. 8in. in diam
34.40	Bed of ravine. bears S.E. and N.W
36.82	Black oak 26in. in diam.
40.00	Set post. for quarter Section Corner. from which
	An. Ash. 11in. in diam. bears S. 46½ W. 73 Links dist.
	An. Elm. 12in. in diam. bears N. 46½ E. 46 Links dist.
49.66	Black Oak. 28in. in diam.
51.38	Black Oak. 15in. in diam.
66.50	Indian trail. bears E. to St. Devôin. and West. to ~~a trail~~
	An Indian trail bears W. of N. from this point
80.00	Set a post. for Corner to Sections. 25. 26. 35 & 36. from which
	A. Bur Oak. 16in. in diam. bears S. 77°. E. 65 Links dist.
	A. Black Oak. 24in. in diam. bears N. 73½. W. 106 Links dist.

Township 4. north. Range. 16 East. of the 6th Principal Meridian

Chains	
	A. Black Oak. 20in. in diam. bears S. 29°. W. 48 links dist.
	A. Black Oak. 22in. in diam. bears N. 40½. E. 65 links dist.
	Land. Bluffs. high rolling. and broken. Soil light. and sandy
	2nd rate. fit for Cultivation.
	Timber. good. Black. white. and Bur Oak. Lynn. Hickory &c.
	no undergrowth. on north half. Undergrowth on S½. same

East. on true line. Between Sections 25. and 36. knowing that it will strike the right bank of the Missouri river in less than 80.00 chains.

Variation. 11°. 45'. East.

9.10	Ravine. bears N. E. heads. S.W.
19.30	Ravine. bears N.W. heads S.E
25.80	Top of ridge. bears E. of S. and N.W. for 10 ch. thence N.E
30.78	B. oak. 8in. in diam
31.84	Elm. 12in. in diam
37.21	Double B. Oak. 40in. in diam
40.00	Set post for quarter Section Corner. from which.
	An. Ironwood. 8in. in diam. bears N. 6½°. E. 36 links dist.
	a. Black Oak. 18in. in diam. bears S. 26°. W. 56 links dist.
53.00	Top of high ridge (or bluff) bears E. of N. & W. of S.

Township. 4. North. Range. 16 East. of the 5th Principal Meridian

Chains	
57.71	Red (or Spanish) Oak. 10in in diam.
63.18	Red Oak. 24in in diam.
65.00	Enter Missouri river bottom land. bears S.E. and N.W
66.47	Elm. 30in in diam.
69.40	Elm 36in in diam.
74.20	Set post on right bank of the Missouri river - for Corner to fractional Sections 25. and 36. from which.
	A. Hickory. 6in in diam. bears N. 44½°. W. 35 links dist.
	A. B. Walnut. 15in in diam. bears. S. 41½. E. 95 links dist.
	Land. Bluffs. high. rolling & broken. Soil light & Sandy. 3rd rate. fit for Cultivation.
	Timber. Black. White. Bur. and Red Oak. Elm. Honey Locust Lynn. and Iron wood.
	Undergrowth. Same.
	July 29th 1856.

North. Between Sections. 25. and 26.

Variation 12°. 35'. East.

0.20	an Indian trail 40 links west. bears N.W. and W. of
10.90	Bur Oak. 18in in diam.
13.11	Top of ridge. bears N. of E. and west.
15.64	Black Oak. 16in in diam

Township. 4. North. Range. 16. East. of the 5th Principal Meridian

Chains	
20.00	Ravine. bears N.E. and S.W.
23.50	Black Oak. 7in in diam.
34.50	Top of ridge. bears N.E & S.W. about 800feet above Missouri river
37.04	Bur Oak. 15in in diam
40.00	Set post. for quarter Section Corner. from which
	A. Bur Oak. 10in in diam. bears N. 47°. W. 13 links dist.
	A. Red Oak. 25in in diam. bears. N. 66°. E. 74 links dist.
46.17	Red Oak. 15in in diam.
48.99	Set post. on right bank of the Missouri river. for Corner to fractional Sections 25 & 26. from which.
	A. Cottonwood. 16in in diam. bears N. 85°. E. 74 links dist.
	An. Elm. 15in in diam. bears. S. 43°. W. 72 links dist.
	Land. Bluffs. high. rolling & broken. Soil light & Sandy - 3rd rate. fit for Cultivation.
	Timber. goods. Black. White. Red. and Bur Oak. Hickory Walnut. Lynn. Elm &c.
	Undergrowth. Same.

North. Between Sections. 34. and 35

Variation 12°. 35'. East.

0.69	Elm 10in in diam.

Township 4. North. Range. 16. East. of the 6th Principal Meridian

Chains	
15.97	W. Oak. 12in in diam.
31.55	Stream 25 links wide. runs W. of N.
40.00	Set post for quarter Section Corner. from which an Elm. 16in in diam. bears S. 80°. W. 26½ links dist. a. Black Oak 20in in diam. bears. N. 24°. E. 37½ links dist.
42.00	Same Stream, as above. runs N. E.
42.90	Same Stream. runs N. W
44.00	Same Stream. runs N. E.
44.80	Same Stream. runs N. W
45.40	Same Stream. runs N. E.
47.80	Same Stream. runs N. W. (a Stream comes in at this point, from the N. E.)
50.23	Lynn. 3in in diam
51.70	Lynn. 30in in diam
55.79	B. Walnut. 8in in diam.
57.90	Same Stream as above. runs N. E.
59.60	Same Stream. runs N. W
60.20	Indian trail. bears N. of E. and S. of W
62.90	Same Stream as above. runs N. E.
69.50	Same Stream. runs N. W
72.00	Same Stream. runs N. E.
72.77	Elm. 10in in diam.

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

Chains	
73.14	Elm. 12in in diam.
80.00	Set post. for Corner to Sections 26. 27. 34. and 35. from which an Elm. 24in in diam. bears N. 41°. E. 60. links dist. an. Elm. 10in in diam. bears. S. 35½°. W. 67. links dist. an. Elm. 18in in diam. bears. S. 51½. E. 62. links dist. an. Elm. 14in in diam. bears. N. 50½. W. 47. links dist. Land. rolling - Soil 1st rate. Timber. Black. White. and Bur Oak. Elm. Walnut. Lynn. Hickory and cherry. Undergrowth. Same hazel. and vines

East. on random line. Between Sections 26. and 35

Variation 11°. 45'. East.

5.50	Stream. 20 links wide runs N. W
21.70	Indian trail. bears S. W. and N. E.
40.00	Set post. for temporary quarter Section Corner
63.00	Ravine. bears S. W. heads N. E.
76.80	Indian trail. bears N. and S.
79.89	Intersected the N. and S. line. 2 links South of Corner to Sections 25. 26. 35. and 36. from which Corner. I run

West. on true line. Between Sections 26. and 35

Variation 11°. 46'. East.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
39.94½	Set post. for quarter Section Corner. from which
	a. Black walnut. 19in in diam. bears S. 18½°. E. 292 links dist
	a. Black Oak. 8in in diam. bears N. 42½. E. 98 links dist
79.89	The Corner to Sections. 26. 27. 34. and 35
	Land. West half level. Soil 1st rate. East half. high
	rolling and broken. Soil 2nd rate. fit for Cultivation
	Timber. Black. White. and Bur Oak. Hickory. walnut. Elm
	and Lynn. Undergrowth. Same. hazel. and Vines

North. Between Sections 26. and 27.

Variation 12°. 35'. East.

16.50	Ravine. runs N. E. (to Creek) heads S.W
40.00	Set post. for quarter Section Corner. from which
	a. Black Oak. 13in in diam. bears N. 50. E. 4 links dist.
	a. Black Oak. 20in in diam. bears S. 61°. W. 10 links dist.
41.10	Indian trail. on top of ridge. bears N. E by N. & S.W. by S.
46.00	Same trail. bears E. of S. and W. of N.
46.68	Cherry. 12in in diam.
47.03	Black Oak. 7in in diam.
55.00	Spring branch. in ravine. 2 links wide. runs N. E. heads S.W.
63.00	Indian trail. bears East. and West.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
64.00	East end of High bluff. bears N. of W.
71.00	Center Missouri river bottom land. bearing S.E. and N.W.
80.00	Set post. in mound. Charred Stake at Centre point. Trench. and
	pits. as per instructions. For Corner to Sections 26. 27. 22 and 23
	Land. principally high rolling & broken bluffs. Soil 3rd rate
	Part fit for Cultivation.
	Timber. Black. White. and Bur Oak. Elm. Hickory.
	Walnut. Lynn. and Cherry.
	Undergrowth Same.

July 30th 1856

East. on true line. Between Sections 23. & 26. knowing that it will strike the right bank of the Missouri river. in less than 80.00 chains.

Variation 11°. 45'. East.

3.10	Road (and Indian trail) bears S.E & N.W.
27.81	Cottonwood 50in in diam.
37.03	Willow 6in in diam.
37.43	Willow 8in in diam.
40.00	Set post. for quarter Section Corner. from which
	a. Willow - 4in in diam. bears N. 66°. W. 20 links dist.
	a. Cottonwood 6in in diam. bears S. 60½. E. 11 links dist.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains

51.39 Set post. on the right bank of the Missouri river for Corner to fractional Sections 23. and 26. from which
A. Cottonwood. 4in in diam. bears N. 26°. W. 17½ links dist.
A. Cottonwood. 4in in diam. bears S. 16°. E. 15 links dist.
Land. level. river bottom. Soil of west part. Sandy. 2nd rate fit for Cultivation. East part 3rd rate. not fit for Cultivation. not subject to inundation.
Timber. Cottonwood. Willow. and Elm.
Undergrowth Same.

North. Between Sections 22. and 23.

Variation 12°. 35'. East.

4.50 Road. (and trail) bears N. W. and S. E.
22.94. Cottonwood 5in in diam.
40.00 Set post in mound. Charred Stake at Centre point. Trench and pits. as per instructions. for quarter Section Corner.
45.65 Set post. for Corner to fractional Sections 22 & 23. on the right bank of the Missouri river. from which
A. Cottonwood. 29in in diam. bears. N. 88°. E. 2.43 links dist
A. Cottonwood. 32in in diam. bears. S. 81½. W. 4.12 links dist.
The river bears S. & N. W. banks washing away.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains

There is an island (Morgans) in the river opposite this Corner. To ascertain the distance on the line. between Sections 22. and 23. to the island. I send my flagman across the river, who sets the flag on the South bank of the island. and in the line between Sections 22 & 23. at a point
46.00 chains. North of Corner to Sections 22. 23. 26. & 27. and on right bank of Missouri river. I run 6.00 chains West to a point from which the flag on the island bears. N. 26½°. E. which gives for the distance 11.90 chains. to which add 46.00 chains. makes
57.90 To the flag. Set a post in the place of the flag for Corner to fractional Sections 22 & 23. from which
A. Cottonwood. 6in in diam. bears N. 64½°. E. 21 links dist
A. Cottonwood. 14in diam. bears. N. 88°. W. 23 links dist.
74.53 a. Cottonwood. 18in in diam
80.00 Set post. for Corner to Sections 14. 15. 22 & 23. from which
A. Cottonwood. 15in in diam. bears N. 76°. W. 62 lks. dist.
A. Cottonwood. 20in in diam. bears. N. 10°. E. 2.05 lks. dist.
A. Cottonwood. 15in in diam. bears. S. 67½. E. 4.26 lks. dist.
A. Cottonwood. 14in in diam. bears. S. 21°. W. 4.36 lks. dist.
Land. Level. river bottom. Soil 2nd rate. fit for Cultivation.

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

Chains	
	Timber. Cottonwood Willow. Undergrowth. Cane.
	East, on true line. Between Sections 14. and 23. Knowing That it will Strike the right bank of Slough. and the East Side of island. in less than 80.00 Chains
	Variation. 11°. 45'. East.
6.88	Cottonwood. 10in in diam.
19.37	Set post on N. E. bank of island. for Corner to fractional Sections 14. 23. from which
	A. Cottonwood. 16in in diam. bears N. 56½°. W. 129 lks. dist.
	A. Cottonwood. 13in in diam. bears. S. 26°. E. 37 lks. dist.
	Land Level. river bottom. Soil light. and Sandy. 3rd rate.
	Fit for Cultivation.
	Timber. Cottonwood. No Undergrowth.
	North. Between Sections 14. and 15.
	Variation. 12°. 00 East.
10.00	Cottonwood. 16in in diam.
18.82	Cottonwood. 10in in diam.
20.88	Set post. on North bank of island. and right bank of Slough. (Main channel of river. is on the South Side of the

Township. 4. North. Range. 16. East of the 6th Principal Meridian

Chains	
	Island) for Corner to fractional Sections 14. and 15. from which
	A. Cottonwood. 14in in diam. bears S. 48½°. E. 25 links dist.
	A. Cottonwood. 13in in diam. bears N. 51°. W. 37 links dist.
	Land. level. river bottom. Soil light & Sandy. 3rd rate
	Fit for Cultivation.
	Timber. Cottonwood. No Undergrowth.
	July 31st. 1856
	North. Between Sections 33. and 34
	Variation 12°. 35'. East.
1.50	Center brush. and timber. bearing East. and West.
8.58	Lynn. 10in in diam
13.41	Black Oak. 20in in diam
40.00	Set post. for quarter Section Corner. from which
	A. Black Oak. 20in in diam. bears N. 52°. W. 254 lks. dist
	A. Black Oak. 12in in diam. bears S. 38½°. E. 145 lks. dist
51.30	Black Oak. 8in in diam
51.47	Shell bark Hickory. 8in in diam
55.00	Black Oak. 20in in diam
55.50	Elm 10in in diam
57.80	Ravine. bears W. of N. heads S. E.
59.18	Black Oak. 30in in diam.

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

Chains	
68.27	White Oak. 14in in diam
71.00	Ravine. bears N.E. and W. of S.
80.00	Set post. for Corner to Sections. 27. 28. 33. and 34. from which
	a. Hickory 16in in diam. bears N. 70° W. 34 links dist.
	a. Black Oak. 8in in diam. bears S. 44° E. 30 links dist.
	a. White Oak. 14in in diam. bears N. 50½° E. 43 links dist.
	a. Black Oak. 12in in diam. bears S. 53° W. 65 links dist.
	Land. High. and rolling. Soil 1st rate.
	Timber. good. Black. White. and Bur Oak. Hickory Walnut
	Elm. and Lynn. Undergrowth. Same.

East. on random line. Between Sections 27. and 34.

Variation. 11°. 45'. East.

11.00	Ravine. bears N.E. and S.W.
14.20	Black Oak. 18in in diam
30.80	Indian trail. bears S.E. and N.W.
40.00	Set post. for temporary quarter Section Corner.
79.64	Intersected the N. and S. line. 17 links North of Corner to Sections 26. 27. 34. and 35. from which Corner. I run.

West. on true line. Between Sections 27 & 34

Variation. 11°. 38'. East.

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

Chains	
39.82	Set post. for quarter Section Corner. from which
	A. Black Oak. 23in in diam. bears S. 28°. E. 96 links dist.
	A. Black Oak. 27in in diam. bears N. 39°. W. 139 links dist
79.64	The Corner to Sections. 27. 28. 33. and 34.
	Land. High. rolling. and broken. Soil 2nd rate. fit for Cultivation
	Timber. Black. White. and Bur Oak. Hickory. Walnut. Elm and Lynn.
	Undergrowth. Same. hazel. and vines.

North. Between Sections 27. and 28.

Variation 12°. 35' East.

19.11	Indian trail. bears S.E. and N.W.
26.09	Black Oak. 18in in diam
40.00	Set post. for quarter Section Corner. from which.
	A. Black Oak. 18in in diam. bears S. 61°. W. 97 links dist
	A. Black Oak. 14in in diam. bears N. 73½° E. 32½ links dist
49.00	Indian trail. bears N.E. and S.W.
55.59	Indian trail. bears S. of E. and N. of W
69.07	Indian trail. bears W. of N. and E. of S.
79.67	Bur Oak 18in in diam
80.00	Set Post. for Corner to Sections 21. 22. 27. and 28. from which
	A. Bur oak. 20in in diam. bears N. 79°. W. - 31 links distant

Township 4. North. Range 16. East. of the 6th Principal Meridian

chains

A. Bur Oak — 28in in diam. bears N. 50° E. 23 lks. dist.

A. Black Walnut. 20in in diam. bears S. 76½ E. 32 lks. dist.

A. Black Walnut. 18in in diam. bears S. 45° W. 98 lks. dist.

Land. High. and rolling - Soil 2nd rate. fit for Cultivation.

Timber. Scattering. but good. Black. White. and Bur Oak. Walnut.

Hickory. Lynn. and Elm.

Undergrowth. Cane. hazel - and vines -

East. on random line. Between Sections 22. and 27.

Variation 11°. 40'. East

27.00 Spring branch in bed of ravine - runs N. of E

40.00 Set post. for temporary quarter Section Corner.

68.00 Top of bluff (N. end of) bears S. E. about 250 feet above Missouri river bottom land.

70.50 Enter Missouri river bottom land. bearing S. E. and N. W

79.72 Intersected the N. and S. line 27 links North of Corner to Sections 22. 23. 26. and 27. from which Corner. I run

West. on true line. Between Sections 22. and 27.

Variation 11°. 29'. East.

39.86 Set Post. for quarter Section Corner. from which

an Elm 16in in diam. bears N. 25° W 60 Links distant

White Oak (forked) 14in in diam bears S. 25° E. 64 Links distant

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

chains

79.72 The Corner to Sections 21. 22. 27. and 28.

Land. bluffs. high, rolling, and broken. Soil light & Sandy

3rd rate. part fit for Cultivation. —

Timber. good. Bur Oak. Red. Black. and White Oak.

Walnut. Hickory. and Lynn. No Undergrowth.

North. Between Sections 21. and 22.

Variation 12°. 35 East.

11.10 Indian trail bears N. E. and S. W

16.89 Black Oak 15in in diam

20.25 Black Oak 18in in diam

24.65 Black Oak 15in in diam

28.83 White Oak 12in in diam

35.40 Indian trail. bears N. E. and S. W.

36.10 Top of ridge - bears N. E. and S. W. about 70 feet above the Missouri river.

40.00 Set post. for quarter Section Corner. from which

A. Black Oak 24in in diam. bears S. 49° E 85 links dist

A. White Oak 25in in diam. bears N. 34° W 1.24 lks. dist

42.29 White Oak 15in in diam

49.40 Set a Sand Stone - 22 inches long. 12in wide. and 5in thick

Township 4. North. Range 16. East. of the 6th Principal Meridian.

Chains

on the right bank of the Missouri river. for Corner to Fractional Sections 21. and 22. from which

A. Cottonwood 13in in diam. bears N. 57°. E. 34 lks. dist.

A. Elm. 8in in diam. bears S. 15½. W. 13 lks. dist.

There is an island (Morgans) in the river opposite this Corner. To ascertain the distance on the line. Between Sections 21. and 22 to the island. I send my flag man acros the river, who sets the flag on the South bank of the island and in the line between Sections 21. and 22. from ~~the~~ a point 15 lks. N.th of Corner to Said Sections on the Right bank of the River. I run West 5.00 chains to a point from which the flag on the island bears N. 35¾. E. which gives for the distance 6.95 chains to which add 49.55 chs. makes

56.50 To the flag. Set a post 35 links N.th of the flag. at

56.85 chain. For Corner to fractional Sections 21. and 22 from which.

A. Cottonwood 16in in diam. bears S. 44. E. 32 links dist.

A. Cottonwood 20in in diam. bears N. 74. W. 94 links dist.

62.45 W. oak 6in in diam.

64.30 Indian trail bears S. E. and N. W.

65.30 Sycamore 14in in diam

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains

69.35 Cottonwood 24in in diam.

69.32 Sycamore 10in in diam.

76.96 Elm 5in in diam

80.00 Set post. for Corner to Sections 15. 16. 21. and 22. from which

A. Box alder. 17in in diam. bears S. 82°. W. 15 links distant

A. Sycamore 24in in diam. bears N. 15°. W. 38 links distant

A. Box alder. 16in in diam. bears N. 63°. E. 95 links distant

A. Sycamore 15in in diam. bears S. 17°. E. 88 links distant

Land. South of river. Bluffs. high rolling Broken Soil 3rd rate. part fit for cultivation. N.th of river. River bottom land. Soil 2nd rate fit for Cultivation.

Timber good. Bur. White & Black Oak. Cottonwood. walnut Hickory. Elm & Ash. Undergrowth Same

---

East. on random line Between Sections 15. and 22

Variation 11°. 28'. East.

8.10 Indian trail bears N. of E. and S. of W.

36.62 Enter Corn field. bearing N. and S.

40.00 Set post. for temporary quarter Section Corner

54.25 Leave Corn field bearing N.th and S.th

79.10 Intersected the N. and S. line 61 links South of Corner to

Township . 4. North . Range 16. East. of the 6th Principal Meridian

Chains	
	Sections 14. 15. 22. and 23. from which Corner. I run
	West. on true line. Between Sections 15. and 22.
	Variation 11°. 54. East.
39.55	Set post. for quarter Section Corner. from which
	A. Cottonwood 23in. in diam. bears N. 3°. E. 110 links dist
	A. Box alder 10in. in diam. bears South. 3.15 links dist
79.10	The Corner to Sections 15. 16. 21. and 22.
	Land. river bottom. Soil 2nd rate. fit for Cultivation
	Timber. Cottonwood. Willow. Elm. Box alder Oak &c.
	Undergrowth. Same.

North. Between Sections 15. and 16.

Variation 12°. 35'. East.

Chains	
0.70	Indian trail bears N. of E. and S. of W
10.00	Log Cabin. 1 chain West.
14.03	Set post. on North Side of Island. for Corner to Tracts
	Sections 15. and 16. from which
	A. Willow 2in. in diam. bears S. 53°. E. 14 lks. dist
	A. Willow 2in. in diam. bears N. 55°. W 9 lks. dist.
	Land. river bottom. Soil 2nd rate. fit for Cultivation
	Timber. Cottonwood. Willow. and Sycamore.
	August 1st. 1856.

Township . 4. North . Range 16. East. of the 6th Principal Meridian

Chains	
	North. Between Sections 32. and 33
	Variation 12°. 35'. East.
0.50	Stream 20 links wide runs N. W
2.50	Same Stream runs N. E
3.50	Same Stream runs N. W.
6.20	Same Stream runs N. E
11.30	Same Stream runs N. W
14.80	Same Stream runs N. E
15.40	Same Stream runs N. W
17.80	Same Stream. runs N. E
21.10	W. Oak 10in. in diam
35.00	Hickory 12in. in diam
40.00	Set post. For quarter Section Corner. from which
	an Elm 9in. in diam. bears S. 12°. W 2.22 links dist
	a. Cherry 4in. in diam. bears N. 50½. E. 1.38 links dist.
45.20	Same Stream. runs N. W
46.20	Same Stream runs N. E
47.00	Same Stream. runs N. W
50.70	Same Stream runs N. E
74.50	Road. bears S. E. and N. W
80.00	Set post in Mound. Charred Stake at Centre point. Trench

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
	and pits. as per instructions. for Corner to Sections 28.29.32. and 33
	Land. rolling. Soil 1st rate.
	Timber. Scattering. Black. and W. Oak. Elm. Hickory
	Walnut. Cherry. and Elm
	Undergrowth. Same hazel. and vines & dogwood.
	East. on random line. Between Sections 28/7. and 33/2
	Variation 11°. 40'. East.
10.60	Stream 20 links wide. runs N. E
11.50	Leave timber & brush. bearing N. E. and S.
24.00	Enter brush. and Scattering timber. bearing N. and S.
35.00	Leave brush &c. bears S. W. and N. W
40.00	Set post. for temporary quarter Section Corner
62.00	Road. bears Nth. and Sth.
70.00	Enter timber. bearing N. and S.
80.55	Intersected the N. and S. line. 54 links Nth. of Corner to Sections 27. 28. 33. and 34. from which Corner. I run
	West. on true line. Between Sections 28/7. and 33/2.
	Variation 11°. 17'. East
40.27½	Set post in mound. Charred Stake at entre point. Trench. and pits as per instructions. for quarter Section Corner.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
80.55	The Corner to Sections 28. 29. 32. and 33.
	Land. high & rolling - Soil 1st rate.
	Timber Scattering. Black. and W. oak. walnut Hick.y &c.
	Undergrowth. Same. hazel vines &c.
	North. Between Sections 28. and 29
	Variation 12°. 25'. East.
27.50	Drain (or stream) in ravine. runs S. of E. heads N of W
29.58	Cherry 4in in diam.
40.00	Set post. for quarter Section Corner. from which
	a. Bur Oak. 24in in diam. bears S. 64½. E 4.53 chs. dist
	a. White Oak. 12in in diam. bears N. 64½. W. 2.01 chs. dist
50.80	Elm 24in in diam.
50.84	Elm 10in in diam.
51.50	Spring branch 5 links wide. runs S. of E. heads N of W
73.93	Black Oak 30in in diam.
77.50	ravine - bears &c. heads 15 chs. N. W
78.48	B. walnut. 24in in diam.
80.00	Set post. for Corner to Sections 20. 21. 28. and 29. from which
	a. White Oak. 16in in diam. bears N. 61°. E. 48 links dist.
	a. White Oak. 32in in diam. bears S. 47°. W. 50 links dist.
	a. White Oak. 43in in diam. bears S. 34°. E. 42 links dist.
	a. Elm - . 16in in diam. bears N. 35½. W. 88 links dist -

Township 4. North. Range 16. East. of the 6th Principal Meridian

chains	
	Land. High. and rolling - Soil 1st rate.
	Timber. Scattering. White. Black. and Bur Oak. Walnut. Hickory. Elm. & Lynn. Undergrowth. Same. hazel. and. Vines.
	East. on random line. Between Sections 21. and 28.
	Variation 11°. 15'. East.
30.75	Road. bears S.E. to St. Stephens. and N.W to Nemeha City.
33.00	Stream 20 links wide. runs N. of E
35.40	Same Stream. runs S.E
36.70	Same Stream. runs N.E
* 40.00	Set temporary quarter Section Corner
75.40	Indian trail bears N. and S.
79.98	Intersected the N. and S. line. 4 links North of Corner to Sections 21. 22. 27. and 28. from which Corner. I. run West. on true line. Between Sections 21. and 28.
	Variation 11°. 13'. East.
39.99	Set Sand Stone 18 inches long. 10in wide. and 9in thick For quarter Section Corner. from which
	an Elm 10in in diam. bears N. 12½° E. 75 links distant.
	No tree convenient to mark on the S. side of line.
79.98	Stone Corner to Sections. 20. 21. 28. and 29.
	Land. High and rolling - Soil 1st rate.

Township 4. North. Range 16. East. of the 6th Principal Meridian

chains	
	Timber Scattering - White. Bur. and Black Oak. Walnut. Elm. Hickory. and Lynn. Undergrowth. Same Hazel
	North. Between Sections 20. and 21.
	Variation 12°. 30'. East.
3.00	Leave timber bearing S.E. and N.W.
14.00	Road. bearing West to Nemeha City. East to St. Stephens
28.00	Indian trail. bearing E. of S. and W. of N.
28.80	Indian trail. bearing. ~~bearing~~ N.E. and S.W
30.10	Indian trail bearing E. of N. and W. of S.
34.00	Center brush. and scattering timber bearing N.W. and N.E
40.00	Set post. for quarter Section Corner. from which
	a. Black Oak. 12in in diam. bears N. 60½°. W. 43 lks. dist
	a. Black Oak. 12in in diam. bears N. 36°. E. 105 lks. dist.
58.83	White oak 26in in diam.
63.00	Indian trail. bearing N.E. & S.W
72.00	Indian trail bearing ~~E.~~ of W. and N. of E
77.40	Top of bluff. bears N. of W. and S. of E about 600 feet above the river (missouri).
80.00	Set post. for Corner to Sections 16. 17. 20 & 21 from which
	a. Red Oak. 15in in diam. bears N. 57°. W. 22 lks. dist.

Township 4. North. Range 16. East of the 6th principal Meridian

chains

an Ash 8in diam. bears S. 58½ E. 53 links distant
an Elm 5in in diam. bears S. 43 W. 33 links distant
an Ash 10in in diam. bears N. 14 E. 102 links distant
Land. Bluffs. high rolling and broken. Soil 2nd rate. fit for Cultivation
Timber. Scattering. White and Black Oak. Walnut. Hickory. Elm &
Lynn. Undergrowth. Cane. hazel. and Vines.

East. on true line. Between Sections. 16 and 21. Knowing it will Strike the right bank of the Missouri river. in less than 80.00 chains

Variation 11°. 13'. East.

(Parallel to the South line of Section 21)

9.60 Enter Missouri river. bottom land. bearing S. E. and N. of W
10.18 Cottonwood 30in in diam.
12.58 Cottonwood 39in in diam.
13.73 Cottonwood 33in in diam
16.58 Cottonwood 24 inches in diam. on right bank of the Missouri river. marked for Corner to fractional Sections 16. and 21 from which
a Cottonwood. 32in in diam. bears N. 76½ W. 35 links distant
a Cottonwood. 48in in diam. bears S. 42½ E. 35 links distant

Township 4. North. Range 16. East of the 6th Principal Meridian

chains

Land. part bluff. part bottom land. bluff. Soil 3rd rate. not fit for Cultivation. bottom land Soil 2nd rate. fit for Cultivation
Timber. Cottonwood. Willow. Red oak. ash. Ironwood. Lynn &c
Undergrowth. Cane. and Vines

North. Between Sections 16. and 17.

Variation 12°. 30'. East.

0.25 Red oak. 20in in diam
1.63 a Red Oak. 10 inches in diam. on the Right bank of the Missouri river. marked for Corner to fractional Sections 16. and 17. from which
an Elm — 22in in diam. bears N. 65 E. 4 links dist.
an Ironwood 9in in diam. bears S. 55 W. 43 links dist.
Land. Bluffs. Soil 3rd rate. unfit for Cultivation
Timber. Red oak. ash. Lynn. Ironwood. willow &c
Undergrowth. Cane —

From the Corner to Sections 15. 16. 21. and 22. on Morgans Island. Missouri river. I run.

West. on true line. Between Sections 16 and 21. Knowing that it will strike the west end of the island. (and the river)

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
	in left than 80.00 chains.
	Variation 11°. 13. East.
	(Parallel to the South line of Section 21)
7.83	Box alder 10in in diam.
8.67	Elm 4in in diam.
10.79	Sycamore 12in in diam.
11.70	Sycamore 16in in diam.
16.90	Indian trail bears N. of E. and S. of W
20.20	Same trail bears N. of W
24.25	Set post. on West end of island. for Corner to fractional Sections 16. and 21. from which

a Cottonwood. 24in in diam, bears N. 17°. W. 16 links distant an Elm, 6in in diam. bears S. 24½. W. 16 links distant. The Corner on (main land) right bank of Missouri river. to fractional Sections 16. and 21. bears West from this Corner. Thence S. Offset 6.31 chains North, to a point from which the Corner on right bank of river. (to fractional Sections 16 & 21). bears S. 81°. W which gives for the distance across this arm of the river. 39.84 chains. The length of the line between Sections 16. and 21 as follows. viz.

Part on Island.	24.25 chains
Part across River.	39.84. "
Part West of river.	16.58. "
Total	80.67 "

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
	Land. river bottom. Soil 2nd rate. fit for Cultivation
	Timber Cottonwood. Sycamore. Elm. Willow & Box alder.
	Undergrowth. Same.
	August 2nd 1854
	North. Between Sections 31. and 32
	Variation 12. 40. East.
15.66	Stream. runs East. heads 25 ch. West.
40.00	Set Sand Stone. 20 inches long. 12in wide. and 4in thick for quarter Section Corner.
57.40	head of drain. runs East.
80.00	Set Sand Stone. 25 inches long. 14in wide. and 4in thick for corner to Sections 29. 30. 31. and 32.
	Land. High and rolling - Soil 1st rate.
	Timber. Scattering on the ravine on the East.
	13 trees. Oak. Elm. cherry &c
	East. on random line. Between Sections 29. and 32.
	Variation 11°. 40. East.
30.00	Enter hazel brush. bears S. E. and N. E.
40.00	Set post. for temporary quarter Section Corner.
74.20	Road bears N. W. and S. E.

Township 4. North. Range 16 East. of the 6th Principal Meridian

chains	
79.64	Intersects the N. and S. line 21 links North of Corner to Sections 28. 29. 32. and 33. from which Corner. I run
	West. on true line. Between Sections 29. and 32
	Variation 11°. 31'. East.
39.82	Set Sand Stone. 17 inches long. 10 in. wide. and 5 in. thick. For quarter Section Corner.
79.64.	The Corner to Sections 29. 30. 31. and 32.
	Land. High and rolling. principally prairie - Soil 1st rate.
	Timber. Scattering on ravines. B. and White. Hickory. Elm. Cherry. &c.

West. on random line. Between Sections ~~29. and 30~~ 30. and 31

Variation 11°. 40' East.

4.10	Spring branch in ravine. runs N. E. heads 10 ch. S. W. (Spring at head of ravine)
32.50	Indian trail. bears S. W. and N. E.
40.00	Set post. for temporary quarter Section Corner.
73.10	Intersected the West boundary of the Township 29 links North of Corner to Sections 30. and 31. from which Corner. I run
	East. on true line. Between Sections 30. and 31
	Variation 11°. 54'. East.
33.10	Set Sand Stone 15 inches long. 15 in. wide. and 6 in. thick

Township 4. North. Range 16 East. of the 6th Principal Meridian

chains	
	For quarter Section Corner.
73.10	The Corner to Sections 29. 30. 31. and 32.
	Land. High rolling prairie - Soil 1st rate

North. Between Sections 29. and 32

Variation 12°. 40' East

5.23	Ravine runs N. of E.
22.24	Ravine runs S. E. heads about 20 ch. N. W.
40.00	Set Sand Stone 19 inches long. 14 in. wide - and 4 in. thick
	For quarter Section Corner.
60.17	Road. bears N. W. to Nemaha City. S. E. to St. Stephens
64.88	Indian trail. bears S. W. and N. E.
80.00	Set Sand Stone. 24 inches long. 18 in. wide - and 4 in. thick
	For Corner to Sections 19. 20. 29. and 30.
	Land. High rolling prairie. Soil 1st rate.
	Timber. Scattering on ravines. B. W. oak. Elm. Hickory. Cherry.

East. on random line. Between Sections 20. and 29

Variation 11°. 14'. East

4.50	Road. bears N. W. and S. of E.
17.20	Road. bears N. of E. and S. of W.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
40.00	Set post. for temporary quarter Section Corner.
68.50	Center timber bearing S.E. and N.W.
79.69	Intersected the N. and S. line. 69 links South of Corner to Sections 20. 21. 28. and 29. from which Corner. I run West. on true line. Between Sections 20. & 29
	Variation 11°. 43'. East.
39.84½	Set Sand Stone. 24 inches long. 10in wide. and 4in thick for quarter Section Corner.
79.69	The Corner to Sections 19. 20. 29. and 30.
	Land. High rolling prairie - Soil 1st rate
	Timber scattering on ravines. White & Black Oak. Hickory Elm &c. Undergrowth. Same. hazel &c.

West. on Random line. Between Sections 19. and 30

Variation 11°. 55'. East.

19.80	Road. bears N.W. to Nemeha City, & S.E. to St. Stephens
40.00	Set post. for temporary quarter Section Corner
72.44	Intersected the West boundary of the Township 22 links ~~North~~ South of Corner to Sections 19 & 30. from which Corner. I run East. on true line. Between Sections 19. and 30
	Variation 11°. 44'. East.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Chains	
32.44	Set Sand Stone. 19 inches long. 10in wide. and 3in thick for quarter Section Corner.
* 72.44	Cor to Sections 19.20.29.30 Land. High rolling prairie - Soil 1st rate.

North. Between Sections 19. and 20.

Variation 12. 40'. East.

3.90	Road bears S.E. and N.W.
12.00	Indian trail. bears N. & W. and S. & E.
	Center brush & scattering timber. bears S. & E. and N.W.
40.00	Set post. in mound of Charred Stake at Centre point. French and pits. as per instructions for quarter Section Corner.
* 47.81	Cop hits near White Oak 13in in diam
48.50	Dry ravine - bears N.E. heads 20 ch. S.W.
77.00	Road. bears S.E. and N.W.
80.00	Set post. for Corner to Sections 17. 18. 19 & 20. from which
	A. Black Oak. 21in in diam. bears S. 34½ E. 95 links dist.
	A. Black Oak. 26in in diam. bears S. 85°. W. 105 links dist.
	A. Black Oak. 6in in diam. bears N. 11°. W. 98 links dist.
	A. Black Oak. 8in in diam. bears N. 52½ E. 1.51 links dist.
	Land. High rolling - Soil 1st rate.
	Timber scattering. Black & White Oak. Walnut & pine. Hickory & Elm
	Undergrowth. Same hazel. and Vines

Township. 4. North. Range. 16. East. of the 6th Principal Meridian

chains

East. on true line. Between Sections 17. and 20. Knowing that it will strike the right bank of the Missouri river. in less than 80. chs.

Variation 11°. 43'. East.

(Parallel to the South line of Section 20)

11.15 Lynn 12in in diam

11.97 Set a post. on the right bank of the Missouri river. for Corner to fractional Sections 17 & 20. from which

A. Cottonwood. 6in in diam. bears S. 33½. W. 18 links dist.

A. Willow. 2½ in diam. bears N. 47. W. 2 links dist.

(marked B.T.) A. Willow. 3in in diam bears S. 38. E. 12 links dist.

Land. High. and broken. Soil 2nd rate. fit for Cultivation

Timber. Oak. Cottonwood. Ironwood. Willow & Lynn

Undergrowth. Same & hazel.

From the Corner to Sections 16. 17. 20 & 21. I run West. on true line. Between Sections 17. and 20. Knowing that it will strike the right bank of the Missouri river in less than 80.00 chs.

Variation 11°. 43'. East.

(Parallel to the South line of Section 20)

15.38 Cottonwood 7in in diam

15.67 Cottonwood 5in in diam

Township. 4. North. Range. 16. East. of the 6th principal Meridian

chains

18.52 Cottonwood 3in in diam.

22.00 marked a Sand Stone boulder. 13 feet 2in long. 6 feet wide. and 18in thick. on right bank of Missouri river. for Corner to fractional Sections 17 & 20. (Boulder marked thus M.C. Cross marks 6 inches in length. and ½ inch in width).

Land. Bluffs. Soil 3rd rate. Unfit for Cultivation.

Timber. Cottonwood. Willow. Lynn. Ash &c.

Undergrowth. Same & vines

August 4th 1854

North. Between Sections 17. and 18.

Variation 12°. 40'. East.

2.88 Hickory 6in in diam

7.00 Top of bluff. 150 feet above Missouri river.

10.41 Set Lime Stone. 21 inches long. 20in wide. and 5in thick on the Right bank of the Missouri river. for Corner to fractional Sections 17. and 18. from which

a Willow. 7in in diam. bears N. 24°. W. 7 links distant.

a Willow. 6in in diam. bears S. 34½. E. 6 links distant.

Land. Bluffy. and broken. Soil 3rd rate. Unfit for Cultivation.

Timber. B. & W. Oak. Cottonwood & Willow.

Undergrowth. Same & hazel.

Township 4. North. Range 16. East. of the 6th Principal Meridian

chains	
	West. on random line. Between Sections 18. and 19
	Variation 11°. 45'. East.
19.00	Ravine bears Nth. heats 10 ch. South.
40.00	Set post. for temporary quarter Section Corner
49.00	Road. bears Nth. to Nemaha City 15 M. to St. Stephens.
65.00	Indian trail. bears N. W. and S. E.
71.92	Intersected the West boundary of the Township 11 links North of Corner to Sections 18. and 19. from which Corner. I. run
	East. on true line. Between Sections 18. and 19
	Variation 11°. 50' East
31.92	Set post. in Mound. Charred Stake at Centre point. Trench and pits as per instructions. For quarter Section Corner.
71.92	The Corner to Sections 17. 18. 19. and 20.
	Land. High and rolling. Soil 2nd rate. fit for Cultivation.
	Timber. Black & white Oak. Undergrowth. Same. and Scrub hazel.

From the Corner to Sections 7. and 18. on the West boundary of the Township. I. run.

East. on true line. Between Sections 7. and 18. Knowing that it will strike the right bank of the Little Nemaha River

Township 4. North. Range 16. East. of the 6th Principal Meridian

chains	
	in less than 80.00 chains.
	Variation 12°. 06'. East.
2.75	Center timber. bearing N. E. and S. W.
8.41	Cottonwood 3in. in diam.
9.23	Cottonwood. 26 in. in diam.
11.34	Set post in Mound. charred Stake at Centre point. Trench and Pit as per instructions for quarter ~~Corner~~ Section Corner. from which.
	a Willow 2in. in diam. bears S. 67°. W. 7 links distant
	a Willow. 2in. in diam. bears N. 46½ W. 8 links distant.
	From this Corner I run East. 28 links. thence South 66 links to a point West of the Corner to fractional Sections 7 & 18 on the left bank of the river. thence Continue South. 2.34 links to a point from which the Corner to fractionals Sections 7 & 18 on the left bank of the river. bears N. 55¾°. E. which gives for the distance across the river. 3.44 chains.
	Land. River bottom. Soil 2nd rate. part fit for Cultivation
	Timber. Cottonwood & willow. Undergrowth Same & vines

From the Corner to Sections 7 & 18. on West boundary of Township I run North on Township line –

Township 4. North. Range 16. East. of the 6th Principal Meridian

Variation 12°. 06 East.

Chains	
12.87	chains to the right bank of the Little Nemaha river. Set post. for Corner to fractional Sections 7 & 12. from which a Cottonwood 8in. in diam. bears S. 54½. E 67 links distant a Willow – 12in. in diam. bears N. 56°. W. 68 links distant. From this Corner I run East 8 links to a point South of the Corner to fractional Sections 7 and 12. on the left bank of the river. thence West 2.58 chains to a point from which the Corner to fractional Sections 7. and 12. on the left bank of the river. bears N. 45°. E. which gives for the distance across the river 2.58 chains. The length of the line between Sections 7 & 12. is as follows viz. part South of river 12.87 chains part across river. 2.58 " part North of river. Total.

Meanders of the right bank. of the Little Nemaha. and Missouri rivers, through the Township.

Begin at the Corner to fractional Sections 7. and 12 in the West boundary of the Township. and on the right. and South bank. of the Little Nemaha river. and run thence

Township 4. North. Range 16. East. of the 6th Principal Meridian

down stream with the meanders of the right bank of said river. in fractional Sections 7. as follows.

Variation 12°. 35'. East.

Courses	Distances	
S. 70. E	4.50	
S. 68¾. E	1.50	
S. 77½. E	1.50	
S. 48¾. E	1.00	
S. 40¼. E	1.50	
S. 42½. E	0.90	
S. 12½. E	1.90	
S. 31. E	1.50	
S. 11. E	2.50	
S. 12¾. E	1.50	
S. 3½. W	0.98	The Corner to fractional Sections 7. and 18
S. 27¾. E	0.50	Thence in Section 18.
S. 3¾. E	2.50	
S. 9¾. E	4.00	
S. 4¾. E	3.50	
S. 31¾. E	1.80	
S. 25½. E	2.40	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances	
S. 38¼ E.	2.90	
S. 29. E.	2.30	
S. 42½ E.	1.40	Leave bottom land. bearing N of W. bluff close in shore.
S. 30. E.	1.00	
S. 51¼. E.	2.30	
S. 80½. E.	1.30	
S. 35½. E.	0.80	
S. 85¼. E.	1.00	
N. 86. E.	0.90	Mouth of the Little Nemaha river.
S. 63¼. E.	3.20	Thence down stream along the right
S. 54¾ E.	3.30	bank of the Missouri river.
S. 50½ E.	3.50	
S. 37¼ E.	4.00	
S. 32¼ E.	7.00	
S. 48¾ E.	7.90	
S. 37¼. E.	7.00	
S. 38¼ E.	3.90	
S. 40¾ E.	1.40	
S. 37½. E.	5.40	at 4.70 ch. a ravine comes in from the S.
S. 51¾. E.	11.00	
S. 48. E.	5.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances	
S. 45¼ E.	4.20	
S. 24¾ E.	0.67	The Corner to fractional sections 17. and 18.
		Timber. Btw. oak. Cottonwood & willow. Underwrith same
S. 76. E.	0.60	Thence in Section 17.
S. 49½ E.	1.80	
S. 45¾ E.	9.00	
S. 54½ E.	3.90	
S. 25¾ E.	0.82	The Corner to fractional sections 17. and 20
S. 79½ E.	0.80	Thence in Section 20.
S. 52¼. E.	4.80	
S. 60¾ E.	4.20	
S. 66. E.	5.00	at 4.50 ch. a stream 20 link wide bears S. 42 W. Madame heals
S. 58. E.	1.80	house stands 3 ch. north of ravine.
East	5.90	
N. 80½ E.	3.00	Coal cropping out in face of bluff.
N. 79½ E.	3.80	
N. 72. E.	6.40	
N. 65½ E.	3.00	
N. 70¼ E.	5.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances	
N. 78° E	2.20	
N. 67° E	1.00	
N. 76¼ E	2.12	The Corner to fractional Sections 17. and 20
N. 68° E	1.05	Thence in Section 17.
N. 82¼ E	3.10	
N. 82° E	7.00	
N. 87½ E	4.00	
N. 89° E	5.00	
S. 71° E	2.10	The Corner to fractional Sections 16 & 17 August 5th 1857.
N. 55½ E	1.40	Thence in Section 16
S. 88¾ E	4.70	Leave bluffs. and enter bottom land bearing S.E.
S. 81° E	5.00	
S. 73° E	6.10	The Corner to fractional Sections 16. and 21
S. 76° E	4.10	Thence in Section 21.
S. 72° E	5.30	
S. 76¼ E	2.10	
S. 66½ E	6.20	
S. 71° E	3.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances	
S. 64½ E	2.10	
S. 59¼ E	3.70	
S. 58° E	5.40	
S. 46½ E	1.50	
S. 55° E	3.20	
S. 53½ E	2.40	a point S.th of head (or W. end) of Morgans island
S. 59° E	1.50	
S. 48° E	2.40	at 60 links Stream 20 lks. wide. bears S. 75° W
S. 51½ E	3.50	
S. 46° E	4.30	at 2.00 ch. an Indian trail bears N. W.
S. 64¼ E	2.80	
S. 66½ E	0.90	
S. 56½ E	2.50	Leave bottom land. bearing S.W. (Bluffs close to river edge)
S. 65° E	4.60	
S. 63½ E	3.20	
S. 79° E	1.50	
S. 63½ E	1.20	
N. 89½ E	2.00	
N. 88° E	1.20	
S. 75¼ E	0.62	The Corner to fractional Sections 21. and 22

Timber. Cottonwood Elm. Sycamore ash willow
Land. river bottom. Soil Sandy. 2nd rate. fit for cultivation

Township 4. North. Range 16. East. of the 6th Principal Meridian.

Courses	Distances	
N. 89°. E	1.80	Thence in Section 22.
S. 77¼. E	5.70	
S. 71¾. E	2.70	
S. 85¼. E	1.40	
S. 74¼. E	4.30	
S. 73. E	2.50	
S. 66. E	1.30	
S. 83. E	1.50	
S. 89. E	1.10	
S. 70¼. E	3.00	
S. 70¾. E	5.50	
S. 85. E	6.30	
S. 83. E	4.20	
N. 75. E	5.00	
N. 73¼. E	4.30	
N. 84½. E	2.50	
N. 73. E	2.80	
N. 70½. E	3.30	
N. 88½. E	4.40	
S. 86½. E	1.50	
N. 87. E	5.40	
S. 86. E	3.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Courses	Distances	
S. 89. E	7.88	The Corner to fractional Sections 22. and 23
		Land. river bottom. Soil Sandy 2nd rate fit for Cultivation
		Timber. Cottonwood. Undergrowth. Cane and Vines.
N. 88. E	2.40	Thence in Section 23.
N. 89½. E	3.00	
S. 70. E	2.90	
S. 74. E	4.20	
S. 83¼. E	3.00	
S. 64. E	4.70	
S. 61¼. E	3.50	
S. 63. E	2.50	
S. 70½. E	1.80	
S. 54¾. E	0.70	
S. 47¼. E	6.30	
S. 51. E	3.50	
S. 46¼. E	18.00	
S. 45½. E	4.00	
S. 21½. E	4.50	
S. 0¾. W	8.20	
S. 4¼. E	2.80	

Township 4. North. Range 16. East. of the 6th Principal Meridian.

Courses	Distances	
S.22¾.W	1.02	The Corner to fractional Sections 23. and 26
		Timber - Cottonwood Willow
S.3½.E	1.20	Thence in Section 26.
S.19¼.E	5.90	
S.33½.E	4.50	
S.26½.E	6.50	
S.35½.E	8.50	
S.26½.E	2.50	at 50 links a Stream 20 lks. wide bears S.75°.W
S.53½.E	3.60	Leave bottom land. at 2.00 ch. bearing S.W
S.71.E	4.00	
S.64½.E	2.50	
S.74¾.E	4.50	at. 1.40 ch. a ravine bears W. 25 l.
S.52.E	1.30	The Corner to fractional Sections 25. and 26
		Land. principally river bottom. Soil Sandy. 2nd rate
		fit for Cultivation.
		Timber. Cottonwood Elm Willow
S.74¾.E	2.40	Thence in Section 25.
S.74¼.E	4.70	
S.66.E	1.10	
S.67.E	2.50	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
S.60½.E	5.40	
S.53.E	5.70	at 5.30 Ravine bears S.20°
S.64½.E	5.50	
S.62.E	2.00	
S.54½.E	2.50	
S.64¾.E	1.50	
S.53¼.E	3.00	
S.56.E	3.00	At. 1.00 ch. St. Deroin ferry.
S.49.E	5.60	
S.53.E	4.50	
S.35½.E	2.70	
S.53½.E	2.90	
S.40½.E	6.00	
S.47.E	3.50	at 3.30 ch. a House 2.50 ch. west.
S.54¼.E	8.20	at 4.20 ch. a House 1.80 links west
S.42½.E	3.50	
S.48¾.E	5.50	
S.67¼.E	3.00	
S.57¾.E	4.96	The Corner to fractional Sections 25. and 36
		Land. principally bluffs. - Soil 3rd rate. unfit for cultivation
		Timber. B & W.O. Ash. Cottonwood. Elm &c

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
		Thence in Section 36.
S. 65° E.	6.09	The Corner to fractional Sections 31. and 36.
		Land. river bottom. Soil 1st rate.
		Timber. Elm. Walnut. Bur Oak &c.
		August 6th. 1856.
		Meanders of MORGAN'S ISLAND. in the Missouri river.
		Begin at the Corner to fractional Sections 14. and 23. on the
N. 46. W.	5.00	East Side of island. thence along the N.E. bank thereof
N. 38¾ W.	9.00	(up Stream) in fractional Section 14. as follows. viz,
N. 28¼ W.	5.40	
N. 45½ W.	6.50	
N. 69. W.	3.20	The Corner to fractional Sections 14. and 15.
		Meanders in Section 15.
N. 75¾ W.	5.50	
West	8.00	
N. 84½ W.	4.50	
N. 72½ W.	1.50	
N. 72. W.	1.00	
N. 7½. W.	5.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
N. 81½ W.	6.50	
N. 83. W.	5.60	
S. 89¼ W.	2.60	
S. 74¾ W.	4.90	
S. 65¼ W.	2.50	
S. 61½ W.	3.50	
S. 63. W.	4.40	
S. 86. W.	1.60	
S. 74½ W.	3.50	
S. 76½ W.	1.80	
S. 74. W.	2.80	
S. 83. W.	2.00	
S. 70½ W.	1.50	
S. 74½ W.	2.50	
S. 71½ W.	2.50	
S. 75. W.	2.50	
S. 81½ W.	1.40	
S. 74. W.	2.40	
S. 84½ W.	1.70	The Corner to fractional Sections 15 & 16. Land. river bottom. Soil Sandy. 3rd rate. fit for cultivation Timber. Cotton wood. and Willow. Under growth. Same
N. 74¾ W.	3.50	Thence in Section 16.
S. 71¾ W.	6.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
S.55½.W	1.30	
S.68½.W	1.90	
S.60½.W	1.50	
S.78½.W	5.50	
S.58¼.W	8.50	Head of Island. Thence down Stream on left bank of
S.24½.E	3.00	main channel and S. side of island -
S.11½.E	2.28	The Corner to fract. Sections 16. and 21 Land 2nd rate. fit for cultivation.
S.28½.E	2.50	Thence in Section 21.
S.24¼.E	3.00	
S.15¾.E	4.00	
S.17¾.E	5.00	at. 1.50 ch. a Log house Stands 3.00 ch. East.
S.60¾.E	5.90	
S.63.E	6.60	at. 5.00 ch. a house Stands 1 ch. N. E.
S.61.E	8.00	
S.77¾.E	1.35	The Corner to fractional Sections 21. and 22 Land. river bottom. Soil Sandy. 2nd rate fit for Cultivation Timber. Cottonwood. Elm. Sycamore. Box elder &c.
S.69.E	5.00	Thence in Section 22.
S.82.E	6.50	
S.74½.E	6.50	
S.76¾.E	7.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
S.80½.E	5.30	Two houses Stand. 1.50 ch. North.
N.77¾.E	3.50	
N.70.E	5.50	
N.64¾.E	3.30	
N.78¾.E	2.20	
N.60¾.E	2.20	
N.73¾.E	1.80	
N.83¾.E	1.70	
N.75½.E	1.40	
S.88¼.E	1.50	
N.68½.E	2.00	
N.66½.E	2.40	
N.85½.E	2.70	
S.79¾.E	1.20	
N.83.E	3.30	
N.83¾.E	4.00	
N.70¾.E	1.60	
S.63½.E	2.10	
S.80.E	1.70	
N.87½.E	2.50	
N.79.E	2.50	
S.74½.E	3.16	The Corner to fractional Sections 22. and 23. Land. river bottom. Soil light & Sandy. 2nd rate. fit for Cultivation Timber. Cottonwood. Elm. Sycamore. Mulberry &c. Undergrowth. Same.

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
N. 82¾ E	2.50	Thence in Section 23.
S. 88¼ E	2.70	
S. 72½ E	2.80	
S. 86 E	2.00	
S. 83 E	2.50	
S. 80 E	2.30	
N. 80¼ E	4.00	
S. 76½ E	5.40	
S. 50 E	6.30	
S. 69¼ E	4.70	
S. 60½ E	5.50	
S. 48¼ E	3.40	
S. 61¼ E	3.20	
S. 54 E	1.90	
S. 74¼ E	2.00	Foot of island. Thence up Stream, on E. Side of island.
N. 13 W	12.50	
N. 7½ W	2.50	
	1.50	
N. 14½ W	~~2.30~~ 2.70	
N. 29½ W	~~1.60~~	
N. 55 W	1.90	
N. 48 W	3.80	
N. 40½ W	2.70	
N. 45½ W	5.50	
N. 62 W	2.00	

Township 4. North. Range 16. East. of the 6th Principal Meridian

Course	Distance	
N. 36¾ W	3.20	
N. 44 W	1.30	
N. 52 W	3.00	
N. 44½ W	2.00	
N. 66¼ W	1.00	
N. 54½ W	1.30	
N. 66¼ W	2.34	The Corner to fractional Sections 14. and 23.

Land. river bottom. Soil Sandy. 3rd rate. fit for Cultivation

Timber. Cottonwood. and Willow. Undergrowth. Cane and Vines

August 19th 1856

General Description.

The quality of the land in this Township is of the Common average. the Southern portion is 1st rate Soil. Central principally 2nd rate. and Northern portion being Bluffs bordering on the Missouri river is of 3rd rate class. The greater portion of the Township is well adapted for Cultivation.

Timber. good. chiefly. Black. white. Burr & Red Oak Hickory. Walnut. Hackberry Sycamore Elm. & Ironwood. The greater portion of the Township is Timbered —

The Town of St. Devoin was laid out by

Township 4 North Range 16 East of the 6th Principal Meridian.

Joseph Devoin, a Half Breed Stoc, it now Contains 5 dwelling houses, and a Store, has a good landing in front, with a ferry, being on Indian land, white Settlers are prevented from locating there. I did not make any Connection with the lines or boundaries of said Town.

Lime, and Sand Stone abound on the bluffs of the Missouri River, There are 4 settlements in this Township, exclusive of St. Devoin, one on Section 20, one in Section 21, one in Section 22, and one in Section 26.

There is a Coal bank on Section 20, and it has been partially worked, the Coal is of a good quality

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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 Township No. 4 North of the Base line of Range No. 16 East of the 6th Principal Meridian, showing the respective Capacities in which they acted

Denis McMenus,	Chainman
William Phillips,	Chainman
Victor Keen,	Flagman
Edward Boyle,	Axeman
H. Clay Kuhn,	Compassman.

General Land Office • Original Field Notes

Book Number

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

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