General Land Office • Original Field Notes

Book Number

128

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Vol. 1 R. 17 Public Lands

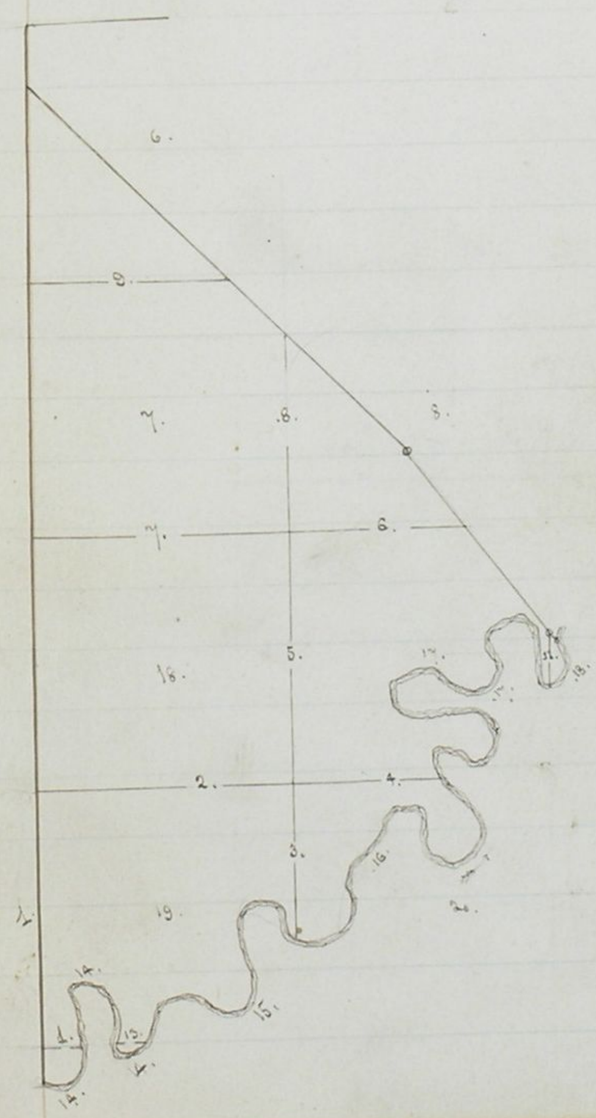
Contract No. 49

Index

Relating the lines to the pages of the field - Notes Oct-19 1855

Township 1 North, Range 17. East.

of the 6th Principal Meridian.



Field Notes of the Survey of Township 1. North
Range 17. East. of the 6th Principal Meridian
in Nebraska Territory

Commenced on the. 9th November 1855.
Completed on the. 19th February 1856.

Michael Mc. Manus
Deputy Surveyor

"List of Assistants"

Lewis Mc. Manus. Chainman
Austin Waldron. Chainman
Patrick G. Mc. Manus. Axeman
Patrick Waldron. Flagman.

Field Notes of the Subdivision lines. and Meanders of the Great Nemaha
River in Fractional Township 1. North. Range 17. East of the 6th Principal Meridian.

To determine the proper adjustment of my Compass for
Subdividing this Township I commence at the Corner
to Sections 19. and 30. on West line of Township
North. on a blank line along the West boundary of Section 19.
Variation 11°. 30'. East.

40.05 to a point 8 links west of quarter section Corner.
80.11 to a point 17 links west of Corner to Sections 18 + 19. 13 + 24.
To retrace this line. or run parallel thereto
my Compass must be adjusted to a.
Variation of 11°. 23'. East.

East. on true line. Between Sections 19. and 30
Running that will strike the Great Nemaha
River in less than 80 or Chains
Variation 11°. 23'. East.

4.00 Center timber
17.00 Set Post. on Left bank of the Great Nemaha River
For Corner to Fractional Sections 19. and 30.
From which a
Maple. 36in. in diam. bears N. 20° E. dist 59. links
Black ash. 7in. in diam. bears S. 51½ W. dist 31. links

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

Chains	
	From Corner to Secs. 13. 14. and 23. and 24. Town
	East. on true line between Sections 18. and 19.
	Variation 11° 23' East.
7.00	Center bottom land
28.84	Indian trail bears N. 25° E. & S. 25° W
36.06	Indian trail. bears N. 18° E. and S. 18° W.
37.00	Center bottom land
40.00	Set Lime Stone. 22in long. 14in wide. and 3in thick
	For quarter Section Corner.
59.15	Road. N. of E. to Coyds Ferry. and S. of W. to Salem
70.20	Indian trail. bears N. E. and S. W
73.40	Edge of Cavity
80.00	Set a Post (Stone) in Cavity or Pond. 20in long. 12in wide. and 4in thick. For Corner to Sections 17. 18. 19. and 20.
	From which a
	Pin Oak 10in in diam. bears N. 26½ E. dist 240 links
	an Elm 12in in diam. bears S. 40½ W. dist. 320 links
	No other trees convenient to mark.
	The Corner being in a deep pond. I set an Ash Post
	250 links East. as a witness Corner. marked thus X
	on N. & S. Sides. from which the trees described
	above stand
	Pin Oak 10in in diam. bears N. 34° W dist. 258 links
	Elm. 12in in diam bears S. 9½ W. dist. 245 links

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

Chains	
	Pin Oak acorns planted on west side of Post.
	Land part rolling prairie. Soil 2nd rate. part Bottom
	land. Soil no different. mostly fit for Cultivation
	Scattering timber on edges of pond. or cavity.
	South. on true line from Corner to Sections 17. 18. 19 & 20.
	Between Sections 19. and 20
	Variation 11°. 23'. East.
5.00	Edge of Pond. bears S. 30°. W
9.90	Indian trail. bears S W. and N. E
24.50	Center timber
31.00	Settlers Log house (Mathew Roberts or) stands West. 5.00 chains
36.25	Left bank of Great Nemaha river. 20 links West.
40.00	Set Post. for quarter Section Corner. From which
	an Elm 6in in diam. bears S. 75° E. dist. 19 links
	an Ash 12in in diam. bears N 86° W. dist 35 links
41.60	Elm 4in in diam.
46.59	Pin Oak 21in in diam.
47.22	Set an Elm post. on the left bank of the Great Nemaha
	River. for Corner to fractional Sections 19. and 20.
	From which a
	Hackberry 18in in diam. bears S. 55°. W. dist. 21 links
	Hackberry 21in in diam. bears N. 47° E. dist 64 links

Township 1 North. Range 17. East. of the 6th Principal Meridian

Chains

River. high Shelving banks. rapid Current. rock bottom 3 feet deep.
Land. Soil good. 2nd rate portions of it unfit for Cultivation
Timber. Bur oak. Elm. B. walnut. Hackberry Hickory Maple &c.
Undergrowth. Same. hazel. briars and vines.

From the Corner to Sections 17. 18. 19. and 20. I run East. on true line. Between Sections 17. and 20 Knowing that I will Strike the Great Nemeha River in less than 80.00 Chains.

Variation 11° 23' East.

2.00 Edge of Dry Pond. or Cavity. 10 feet deep
2.50 Post. witness Corner to Sections 17. 18. 19. and 20.
5.00 edge of Dry pond. or Cavity 3½ feet deep. bears N. 3 ch. S. 3.50 ch.
10.60 East edge of Same
14.10 Indian trail. bears W. of S. and E. of N.
33.70 edge of pond. 5 feet deep bears S.E. 1.50 ch. N.E. 2.00 ch.
35.30 East edge of Same.
40.00 Set an Elm post. For quarter Section Corner. From which an Elm. 18in in diam. bears S. 24° E. distant 29 links an Elm. 9in in diam. bears N. 5° W. distant 32 links

Township 1 North Range 17 East. of the 6th Principal Meridian

Chains

45.52 Set an Ash Post. on left bank of the Great Nemeha River For Corner to ~~From~~ Fractional Sections 17 and 20. From which a Maple. 8in in diam. bears N. 36° W distant 11 links a Maple. 26in in diam. bears S. 46° E. distant. 28 links River bank 30 feet high. and Shelving. Current gentle Land. River bottom. Soil indifferent. 3rd rate not well adapted for Cultivation.
Timber. Bur oak. walnut. Elm. Maple Hackberry Ash &c.
Undergrowth Same. briars & hazel.

From the Corner to Sections 17. 18. 19. and 20. I run North. Between Sections 17. and 18.

Variation 11° 23' East.

4.00 Edge of pond. bears N.W. & S.E.
9.40 North Edge of Same
10.30 Road. bears N.W. to Salem. S.E. to Boyds Ferry on Missouri River
23.00 Leave bottom land. enter rolling prairie. bears E. and West.
40.00 Set a Sand Stone. 17in long. 11in wide and 4in thick. For quarter Sec. Corner. Planted two Bur oak acorns 6 links South. two 6 links North.
45.00 Top of ridge. about 120 feet above river bottom (land)
51.00 begin to descend to Muddy Creek.

Township 1. North. Range 17. East. of the 6th Principal Meridian

Chains	
80.00	Set a Sand Stone, 17in long. 10in wide. and 5in thick for corner to Sections 7. 8. 17. and 18. Planted 2 Burr Oak acorns 6 links S. 2 links North. Land. Principally high rolling prairie. Soil 1st rate fit for Cultivation.
	East. on true line. Between Sections 8. and 17. Running that I will strike the West line of the Half Breed reservation in less than 80.00 chains Variation 11°. 23'. East.
4.90	~~4.90~~ Road. N. to to Archer. S. E to Boyds Ferry.
10.00	Center Muddy Creek bottom land. Course S. E. and N. W
40.00	Set a Sand Stone. 15in long. 16in wide. and 3in thick for quarter Section Corner. Planted two Burr Oak acorns 6 links West. two 6 links East.
54.59	Right bank of Muddy Creek. runs S. E.
55.39	Left bank of Same
56.49.	Intersected the West line of the Half Breed Reservation Set Post for Corner to Fractional Sections 8. and 17 From which
	A Honey Locust 11in in diam bears S. 15½ W. dist 18 links an. Elm. 21in in diam. bears. N. 55. W. dist. 84. links

Township 1. North. Range 17. East. of the 6th Principal Meridian

Chains	
	From which (last Cor) a Half Breed Stake. (or Stake on half breed line) Stands. S. 35°. 25' E. distant 15.20 chains. Variation of Half Breed line 11°. 23'. East. a Stake Stands N. 35°. 25' W. 25.40 chains. in bend of Muddy Creek. Land. bottom prairie. Soil 1st rate. all fit for Cultivation rarely subject to inundation. Scattering timber on bank of Muddy Creek. Maple. Ash & Willow
	West. on random line. Between Sections 7. and 18. Variation 11°. 23'. East.
31.70	Drain. runs NE
32.00	Spring in bank of drain. 50 links South. 5 feet deep Clear water.
40.00	Set post for temporary quarter Section Corner
69.40	Drain. runs N. E. heads S. W.
73.75	Indian trail. bears N. W. and S. E
80.09	Intersected N. and S line. 20 links South of Corner to Sections 7. 18. 12 & 13. From which Corner. Drum East. on true line. Between Sections 7 & 18. Variation 11°. 12'. East.
40.04½	Set Line Stone. 16in long. 14in wide. and 3in thick for quarter Section Corner. Planted 2 Burr Oak acorns 6 links West 2 6 links East.
80.09	The Corner to Sections. 7. 8. 17. & 18.

Township 1 North. Range 17. East of the 6th Principal Meridian

Chains

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

November 9th 1855

North. Between Sections 7. and 8.

Variation 11°. 23'. East.

2.15	Road bears N. 75° W. to Archer S. 75° E. to Boyds ferry
3.00	enter Muddy Creek bottom. bearing N. W. and S. E.
25.00	Right bank of Muddy Creek. bearing N. W. and S. E.
36.55	Left bank of same. Shelving banks. 20 feet high 4 feet deep. rapid Current.
38.52	Stream 4 links wide. clear water. runs S. W.
38.85	Elm 10 in. in diam.
39.70	Same Stream. runs S. E.
40.00	Set an Elm post for quarter Section Corner. from which an Elm. 10 in. in diam bears N. 39° E. dist 24 links an Elm. 13 in. in diam bears S. 53½° W. dist 57 links
42.00	Same Stream (as above) runs S. W.
61.43	Intersected. West line of Half Breed Reservation. Set Post in Mound. Charred Stake at Centre point. Trench and Pits as per instructions. For Corner to fractional Sections 7. & 8. Planted two Bur Oak acorns 6 links South of Corner.

Township 1 North. Range 17. East. of the 6th Principal Meridian

Chains.

a Stake on Half Breed line Stands N. 45° 30' W. distant 21.36 chains. One Stands S. 45° 30' E. distant 18.94 chains. Variation of Half Breed Line 11° 23'. East. Land. bottom prairie. Soil 1st rate. well adapted for Cultivation. rarely subject to inundation Scattering timber on Creek. Maple. Elm Ash & Willow.

From the Corner to Sections 6. 7. 1 & 12. on West line of Township. Iron.

East. on true line. Between Sections 6 & 7.

Knowing that Drill Stake the West line of the Half Breed Reservation is less than 80.00 chains.

Variation 11°. 23'. East.

1.23	Bur Oak. 30 in. in diam.
4.60	Stream 5 links wide runs S. E. clear water. enters Muddy Creek. 1.00 ch. S. E.
5.80	Right bank of Muddy Creek. runs S. E. 60 links wide.
9.46	Bur Oak 16 in. in diam
11.54	Bur Oak 16 in. in diam
35.60	heavy timber.
40.00	Set post in Mound. charred Stake at Centre point. Trench and Pits as per instructions. For quarter Section Corner. Planted two Bur Oak acorns 6 links West. two 6 links East.

Chains.

48.00 Leave bottom land, bearing N. W. and S. E.

61.00 Intersected the West line of the Half Breed Reservation

Set an Elm post in mound. Charred Stake at Centre point

Trench, and Pit, as per instructions. For Corner to

Fractional Sections 6 & 7. From which a

Stake on Half Breed Line Stands. S. 45° 30' E. distant

5.72 chains. and one N. 45° 30' W. distant 34.03

chains. Variation of Half Breed Line 11°. 23 East

Planted two Bur Oak acorns 6 links west. ~~2 6~~ Two 6 links East.

Land. principally Creek bottom. part rolling

prairie. Soil rich 1st rate fit for Cultivation.

Timber. Bur Oak. Walnut. Elm. Hickory Hackberry

Maple &c.

South. on blank line from quarter Section Corner

to Sections 8. and 17.

Variation 11°. 23. East.

20.00 Chains.

Thence East. on blank line

Variation 11°. 23. East.

40.00 chains.

Thence South. on blank line

13.53 chains.

Chains

Making the distance South of the Corner to

Sections 8. 9. 16 & 17.

33.53 Chains. to the Intersection of the West line of the Half Breed Reservation.

From which a Stake on Half Breed Line bears N. 35° 25' W. 25.30 chains distant.

Stake on river bank. bears. S. 35° 25' E. 3.00 chains

Set Post. for Corner to Fractional Sections 16 & 17.

* From which a.

Hackberry 8in in diam. bears N. 65° W. dist. 31 links

Walnut. – 20in in diam. bears. S. 17° E. dist. 16 links

Thence South on true line between Sections 16 & 17.

Variation 11°. 23 East.

Distance Computed from Corner to Sections 8. 9. 16. & 17.

38.61 Elm 20in in diam.

40.00 Set Walnut Post. For quarter Section Corner. From which

an Elm 30in in diam. bears S. 30½° W. dist 38½ links

an Elm 19in in diam. bears. N. 41° E. dist. 30 links

49.67 Elm 22in in diam.

52.28 Marked Elm tree 29in in diam. on left bank of the

Great Nemeha River. For Corner to Fractional

Sections 16 & 17.

Land. River bottom. Soil rich. 1st rate. fit for Cultivation

Timber. Bur Oak. B. Walnut. Hackberry. Elm

Hickory. Maple & Mulberry.

But little Undergrowth.

Township 1. North. Range 17. East. of the 6th Principal Meridian.

Chains.

From the quarter Section Corner to Sections 19 & 24. on the West boundary of the Township: S. run East. on blank line

Variation 11°. 23'. East.

13.27 Chains.

Thence South. on blank line

26.88 Chains

Thence East. on blank line

9.42 Chains

Thence South. on blank line

10.27 Chains.

Thence East. on blank line.

1.25 Chains.

Thence South, on blank line

2.85 Chains.

To an Elm tree 5in. in diam. on South line of Section 19, and distant 23.94 chains. East from the South West Corner of said Section 19. and on the = left bank of the Great Nemeha River.

S. marks the Elm tree. for Corner to Fractional Sections 19. and 30.

Thence East. on true line. between Sections 19 & 30.

Township 1. North. Range 17. East. of the 6th Principal Meridian.

Chains.

Variation 11°. 23'. East.

30.83 Set an ash post. on left bank of the Great Nemeha River. For Corner to Fractional Sections 19 & 30.

From which. An

Elm 30in. in diam. bears N. 4½°. E. dist 18 links

Maple 30in. in diam. bears. S. 4½°. W. dist. 50 links

Land. River bottom. land. Soil rich. 1st. rate.

Timber. Walnut. Bur Oak. Elm Maple. Hickory.

Undergrowth. Same. hazel brian & vine.

Planted two Bur Oak acorns. 6 links East. and two 6 links West of Corner.

November 11th. 1855.

Meanders of the left bank of the Great Nemeha river through the

Township

Begin at the Meander Corner to Sections 30. and 25 in the West boundary of the Township. and on the left. and North bank of the Great Nemeha River. and run thence down Stream. with the Meanders of the Left bank of said river. in fractional Section 30. as follows. Variation 11°. 23'. East.

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

Courses	Distances ch.	
S. 85½. E	4.05	Meanders in Section 30.
S. 71¼. E	7.97	
N. 53¾. E	5.16	
N. 20½. W	5.51	
N. 61¾. W	3.15	Leave timber
N. 15½. W	3.36	
N. 42¼. W	3.62	The Corner to Fractional Sections 19. and 30.
		———
N. 20¼. W	5.17	Meanders in Section 19.
N. 6°. E	9.37	
N. 5½. E	3.28	
S. 40½. E	3.31	
S. 50½. E	2.67	
S. 40½. E	6.45	
S. 47. E	8.30	at 5.00 chains enter timber
S. 52¾. E	1.93	The Corner to Fractional Sections 19. and 30
		Land. Level. river bottom. fit for Cultivation
		———
S. 11¼. W	7.00	Meanders in Section 30.
S. 72¼. E	4.00	
N. 51¼. E	5.05	

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

Courses	Distances ch.	
N. 15°. E	1.41	
N. 12°. E	3.48	The Corner to Fractional Sections 19. and 30
		———
N. 30¼. E	4.68	Meanders in Section 19. at 2.00 chains Leave timber
N. 48¾. E	14.87	
S. 88. E	3.69	Enter timber. bearing S. 9. E
S. 53. E	3.94	
S. 48. E	4.76	Mouth of Stream 20 links wide. Comes in on right bank bears S. 20°. E
N. 69°. E	2.73	Bluff Comes in on right bank
N. 31½. E	11.02	
N. 10¾. E	4.82	
N. 12½. E	5.59	Leave Bluff
N. 34½. W	4.46	
N. 67¾. W	3.63	Leave timber
N. 9¾. W	3.96	
N. 22¾. E	8.50	
N. 75¼. E	5.31	Enter timber. bearing E. and W
S. 82½. E	8.18	
S. 39¾. E	4.08	
S. 20¾. W	8.70	
S. 27. E.	3.07	Bluff Comes in on right bank

Courses	Distances Ch.	
N. 75°. E.	2.80	The Corner to Fractional Sections 19. and 20. Land level, rich bottom, fit for Cultivation. Timber Elm, walnut, Hackberry, Hickory, Maple, and Mulberry.
S. 65°. E.	3.37	Meanders in Section 20.
N. 73¼. E.	7.65	
N. 44½. E.	8.61	
N. 10¾. W.	4.98	
N. 24. W.	6.68	
N. 17¾. E.	5.32	Leave timber
N. 5½. E.	8.28	at 2.50 chains enter timber
N. 28¼. E.	11.55	
S. 78½. E.	5.05	
S. 35°. E.	16.61	at 14.50 chains S. bears 25 links wide. Comes in on right bank.
S. 74½. E.	3.23.	bears S. 65½. W.
N. 22°. E.	6.66	
N. 48°. E.	5.27	
N. 44. E.	6.05	
N. 8½. E.	2.88	
N. 47. W.	7.94	

Courses	Distances Ch.	
N. 48½. W.	3.18	The Corner to Fractional Sections 17. and 20. Land level, rich bottom, fit 3rd rate part fit for Cultivation. Timber Elm, Walnut, Hackberry, Hickory, Maple, Mulberry, &c. Undergrowth Cane, hazel, briars & vine.
N. 23¾. E.	3.90	Meanders in Section 17. Left bank
S. 86¾. E.	9.66	
N. 54°. E.	5.12	
N. 24½. W.	11.16	
N. 69°. W.	1.95	
N. 40°. W.	2.83	
S. 70½. W.	12.77	at 10.00 ch. a ravine or drain 30 links wide. bears S. 56°. W.
S. 80. W.	4.68	Leave timber
N. 54. W.	4.61	
N. 20¾. E.	3.89	
N. 48¼. E.	8.37	Bluff on left bank
N. 89. E.	4.44	Leave bluff, bearing N. 10°. E.
S. 62¾. E.	7.21	at 4.10 chains enter timber
N. 73¾. E.	7.69	

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

Courses	Distances ch.	
N. 42¾. E	5.94	
N. 1° W	10.91	
N. 34¾. E	6.94	
N. 45¾. E	4.65	
N. 84¼. E	6.50	
S. 52¾. E	7.05	
S. 7½. E	4.34	
S. 15½. E	4.12	
S. 7½. E	2.36	
S. 9½. W	4.92	
S. 78°. E	2.40	The Corner to Fractional Sections 16. 17
		Land level, river bottom. Soil mostly adapted for cultivation
		Timber. Elm. Walnut. Sur Oak. Hackberry Hickory. Maple. Mulberry. ash &c.
N. 82°. E	2.39	Meanders in Section 16.
N. 14. E	3.17	
N. 9¾. E	4.05	
N. 8°. W	3.09	
N. 11¼. W	3.20	

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

Courses	Distances	
N. 22½. W	2.88	To a Stake. on the Left bank of the Great Nemaha River. and at the Intersection of the West line of the Half Breeds Reservation with the Same. (Place as I suppose by Mr. Conard.) and from which. a maple 18in. in diam. bears S. 15°. E. dist. 48 links a maple. 18in. in diam. bears N. 14°. W. dist. 96 links marked by Mes.
		Thence
N. 35½. W	3.00	on West line of the Half Breeds Reservation to the Corner to Fractional Sections 15. 16 & 17.

Land level river bottom. Soil rich rarely subject to inundation.

Timber. Elm. Walnut. Sur Oak. Hickory Hackberry. Maple. Mulberry. &c.

Unsurveyed Same.

February 19th. 1856.

"General Description".

The quality of the upland. or rolling prairie in this township is of a first rate order. it contain some fine bottom land. particularly that on the West side (or left bank) of Muddy Creek. Sand and Lime stone is abundant. it is nearly all well adapted for farming.

Timber. there are some first rate bodies of timber on the great Nemaha river. principally Elm. Walnut. Burr Oak. Hackberry. Hickory Maple, Mulberry. and Ash.

The great Nemaha River. and Muddy Creek. are fine streams. the land adjoining them is rarely subject to inundation. the banks are shelving. and from 20 to 30 feet above the ordinary stage of water. averaging from 3 to 6 feet deep.

The township contains two settlements. one on the N.E.¼. of Section 17. and one on the N.E.¼. of Section 19.

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 Seventeen East of the Sixth Principal Meridian. showing the respective Capacities in which they acted.

Denis McMahons.	Chainman
Austin Waldron.	Chainman
Patrick Waldron.	Flagman
Patrick G. ~~Waldron~~ McMahon.	Axeman

We hereby certify that we assisted Michael Mc=
=Manus Deputy Surveyor in Surveying and Meandering
Township Number One North of the base line of Range
Number Seventeen 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 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 12th 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 A.D. 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 One North of the base line. Range Number
Seventeen East of the Sixth Principal Meridian
in Nebraska Territory aforesaid and do further
Solemnly Swear that the foregoing are the true
and Original 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 J. Vedder
Deputy Clerk

(10)

Report on destroying "Johnsons Corners".
on the erroneous Base Line
in Ranges No. 15. 16. 17. and 18. East.
of the 6th Principal Meridian —

"List of Assistants"

Michael Mc. Manus Deputy Surveyor

Denis Mc. Manus . Chainman
Austin Waldron . Chainman
Patrick J. Mc. Manus . Axeman
Patrick Waldron . Flagman
William Cradick . Chain Teamster
James Cradock . Cook

Destruction of Corners of J. P. Johnsons Survey of the Base Line

Pursuant to instructions received from "John Calhoun", Surveyor General of Kansas and Nebraska Territories. I proceeded on the 29th day of October 1855. and destroyed the following Corners on the Erroneous Base Line. ~~in~~ ~~R~~ in.

Range 18. East.

To wit. Commencing at the East from Monument. I run West. On random line

Variation 13.00 East.

40.00 Destroyed post and cut out marks on bearing trees at quarter Corner to Section 36.

80.00 Destroyed post and mound. The Corner to Sections 35, & 36

40.00 Destroyed post and mound. quarter Corner to Section 35

80.00 Destroyed post and mound. The Corner to Sections 34 & 35

40.00 Destroyed Post and Cut out Marks on bearing trees at quarter Corner to Section 34. Found that the

chains

following trees were marked for "Manners" Corner on Correct Base Line. and not shown on the diagram supplied to me.

viz.

Black Oak 36in in diam. bears N. 41° W. dist 14 links

Lynn. 18in in diam, bears S. 41. E dist 58 links

80.00 Destroyed post. and cut out marks on bearing trees, at Corner to Sections 33. and 34.

40.00 Destroyed post. and mound. at quarter Corner to Section 33.

80.00 Destroyed post. and mound. at Corner to Sections 32. and 33

40.00 Destroyed post. and mound at quarter Corner to Section 32.

October 29th 1855

80.00 Destroyed post. and mound. The Corner to Section 31. and 32.

40.00 Destroyed post. and mound, the quarter Corner to Section 31.

80.00 Destroyed post. and cut marks out of bearing trees at Corner to Sections 31. and 36. and Ranges 17. and 18, East.

chains

Range 17. East.

40.00 Destroyed post. and mound. quarter Corner to Section 36.

80.00 Destroyed post. and mound. The Corner to Sections 35 & 36

40.00 Destroyed post. and mound. quarter Corner to Section 35

80.00 Destroyed post. and mound. The Corner to Sections 34 & 35

40.00 Destroyed post. and mound. quarter Corner to Section 34.

80.00 Destroyed post. and mound. The Corner to Sections 33 & 34

40.00 Destroyed post. and mound. the quarter Corner to Section 33.

80.00 Destroyed post. and mound. the Corner to Sections 32 & 33.

40.00 Destroyed post. and mound. the quarter Corner to Section 32.

March 28th A. D. 1856.

80.00 Destroyed post. and mound. The Corner to Sections 31 & 32.

40.00 Destroyed post. and mound. The Quarter Corner to Section 31

80.00 Destroyed post. and mound. The Corner to Sections 31. and 36. and Ranges 16. and 17 East.

2/27 4/29

chains chains

Range 16 East.

40.00 Destroyed post. and Cut marks out of bearing trees for quarter Corner to Section 36.

Destroyed post. and Cut marks out bearing trees. at meander Corner on the left bank. of Walnut Creek or South Fork of the Great Nemaha river, it being
80 the boundary between the Ioway. and Sac. and Fox Reservations.

80.00 Destroyed post. and mound. the Corner to Sections 35 & 36.

40

40.00 Destroyed post. and mound. the quarter Corner to Section 35

80 80.00 Destroyed post. and mound. the Corner to Sections 34 & 35

40.00 Destroyed post. and mound. the quarter Corner to Section 3

4 80.00 Destroyed post. and mound the Corner to Sections 33 & 34

8 40.00 Destroyed post. and mound. the quarter Corner to Section

80.00 Destroyed post. and mound. the Corner to Sections 32 & 33

March 26th 1856.

40.00 Destroyed Stone. the quarter Corner to Section 32.

chains

00.00 Destroyed Stone. the Corner to Sections 31 & 32

40.00 Destroyed Stone. the Quarter Corner to Section 31

80.00 Destroyed stone the Corner to Sections 31. and 36. and Ranges 15. and 16. East.

Range 15 East.

5.83 Destroyed Stone. the Corner to Sections 1. and 6. Township 1. South of the Base Line. Ranges 15 & 16 East.

40.00 Destroyed Stone. quarter Corner to Section 36.

Destroyed Stone. quarter Corner to Section 1. Township No. 1. South of Base Line

80.00 Destroyed Stone the Corner to Sections 35 & 36

Destroyed Stone. the Corner to Sections 1. and 2. Township 1 South of the Base Line

40.00 Destroyed Stone. the quarter Corner to Section 35

Destroyed Stone. the quarter Corner to Section 2. Township 1 South of the Base Line.

80.00 Destroyed Stone. the Corner to Sections 34. & 35

Destroyed Stone. the Corner to Sections 2. and 3. Township 1 South of the Base Line

Range 15. East,

chains	chains	
	40.00	Destroyed Post, and Mound. The quarter Corner to Section 34.
		Destroyed Stone. the quarter Corner to Section, 3. Township 1 South. of the Base Line
	80.00	Destroyed Post, and Mound. The Corner to Sections 33 & 34.
		Destroyed Stone. The Corner to Sections 3. and 4. Township 1 South. of the base line
	40.00	Destroyed Stone. the quarter Corner to Section 33.
80.		Destroyed Stone. the quarter Corner to Section 4. Township 1 South of the base line.
	80.00	Destroyed Stone. The Corner to Sections 32 & 33.
40		Destroyed Stone. the Corner to Sections 4. and 5 Township 1 South. of the base line.
80		
	40.00	Destroyed Stone. the quarter Corner to Section 32
40		Destroyed Stone. the quarter Corner to Section 5 Township 1. South of the Base line
80		
	80.00	Destroyed Stone. the Corner to Sections 31. and 32.
4		
8		Destroyed Stone. the Corner to Sections 5 & 6. Township 1 South of the base line

Range 15. East

chains	
40.00	Destroyed Stone. the quarter Corner to Section 31
	Destroyed Stone. the quarter Corner to Section 6 Township 1 South of the Base Line.
80.00	Destroyed Stone. The Corner to Sections 31 & 36. and Ranges 14. and 15. East,

March 2nd 1856.

We hereby certify that we assisted Michael McManus Deputy surveyor. in destroying "Johnsons Corners". on the erroneous base line Ranges 15. 16. 17. and 18. East. of the 6th Principal Meridian. and that said mons have been in all respects. to the best of our knowledge and belief. well. and totally destroyed. according to the instructions furnished by the Surveyor General

Denis McManus chainman

Austin Waldron chainman

Patrick J. McManus axeman

Patrick Waldron flagman

Wm Bradock teamster

James Bradock Cook.

Subscribed by the above named persons and sworn to before me Deputy Clerk of the first District Court for the first Judicial District of Kansas Territory this 16th day of April 1856

Edwin T. Vedder

Deputy Clerk

I Michael McManus Deputy Surveyor. do Solemnly Swear that in pursuance of ~~a Contract with~~ Instructions from "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. I have retraced the Base Line through ranges Nos. 15. 16. 17. and 18 ~~and in Strict Conformity to the laws of the United States. and the instructions furnished by the said Surveyor General.~~ East of the 6th Principal Meridian. as Surveyed by — Johnson and destroyed the Corners thereon. as described in the ~~I have faithfully destroyed "Johnsons Corners". on the erroneous~~ foregoing field notes. ~~Base Line. in Ranges No. 15. 16. 17. and 18. East of the Sixth Principal Meridian, and do further Solemnly Swear that the foregoing are the true. and original 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 16th day of April 1856

Edwin T. Vedder

Deputy Clerk

The United States. to Michael McManus Deputy Surveyor. Debtor.

For destroying "Johnsons Corners". on the erroneous base line. in Ranges No. 15. 16. 17. and 18. East of the 6th Principal Meridian. 4 days. with 6 Men. and One Team

For Services myself 4 days @ $6.00	$24.00
" 6 Men at $1.00	$24.00
" board of 7 Men @ 75 cts per day	" 21.00
" Team 4 days @ $3.00 "	12.00
Total	$81.00

2/27 6/31 35

chains ch

80.00

40.0

80.0

40.

80.

40

80

No 124 May 12. 1856

Exa Brent & Doyle

15

Half Breed Ind Res

(Tabled)

Half-Breed Ind. Res.

Field Notes of the Subdivision Lines and Meanders of the Great Nemeha River

in

Township 1. North

Range 17. East

of the

6th Principal Meridian

in the

Territory of Nebraska

Field Notes of the Subdivision Lines
and Meanders of the Great Nemeha River
in
Township 1. North
Range 17. East
of the
6th Principal Meridian
in the
Territory of Nebraska
Michael Mc. Manus. Deputy Surveyor.

Commenced. June 16th 1856.
Completed. June 21st 1856.

List of Assistants

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

Field Notes of the Subdivision lines and Meanders of the Great Nemeha River
Township 1. North. Range 17. 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 17. and 18. East. and run.
	South. on a blank line along the East Boundary of Section 1.
	Variation 13°. 00' East
39.79	To the quarter Section Corner.
79.70	To the Corner to Sections 1. and 12.
	To retrace this line or run parallel thereto my Compass must be adjusted to a Variation of 13°.00 East.
	West. on blank line along the North Boundary of Section 1.
	Variation 12°. 20' East
40.06	To a point 2 links South of quarter Section Corner
79.56	To a point 38 links South of Corner to Sections 1. and 2.
	To retrace this line my Compass must be adjusted to a Variation of 12°.04'. East.
	Subdivision commenced. June 16th 1856
	South. Between Sections 1. and 2.

Township 1 North. Range 17. East of the 6th Principal Merdn.

Chains	
	Variation 12°. 02'. East.
23.20	Road. bears N.W. and S.E
40.00	Set Lime Stone. 20in long. 10in wide. and 3in thick
	For quarter Section Corner.
47.00	head of drain. runs N. of W
57.00	head of drain. runs N.W
65.80	Indian trail. bears S.W. and N.E
75.00	Top of ridge. bears E & W. about 140 feet above bottom land
80.00	Set Lime Stone. 36in long. 18in wide. and 3½in thick
	For Corner to Sections 1. 2. 11. and 12
	Land. High rolling prairie. Soil 1st rate.
	East. on random line. Between Sections 1 and 12
	Variation 12°. 02' East.
17.36	Drain. runs E. of S. heads 10 chs N.
30.36	Drain. runs S.W. heads 8 chs. N.E
40.00	Set post. for temporary quarter Section Corner.
42.36	Road. bears N. and S.
53.36	Drain (head of) runs SW
59.36	Road. bears N. of E. and S. of W
79.56	Intersected the East boundary of the Township

Township 1 North. Range 17. East. of the 6th Principal Meridian.

Chains	
	59 links South of Corner to Sections 1. and 12. from which Corner. I run.
	West. on true line. Between Sections 1. and 12.
~~39.78~~	~~Set L~~ Variation. 12°. 27'. East.
39.78	Set Lime Stone. 22 inches long. 13in wide. and 3in thick
	For quarter Section Corner.
79.56	The Corner to Sections. 1. 2. 11. and 12
	Land. high rolling prairie. Soil 1st rate.
	South. Between Sections 11. and 12.
	Variation 12°. 02'. East.
34.30	Drain. runs E. of S. heads 12. chs. W. of N.
39.30	Road. bears E. and W.
40.00	Set Lime Stone. 20in long. 16in wide. and 4in thick
	For quarter Section Corner
40.10	Indian trail. bears S.W. and N
80.00	Set Lime Stone. 36in long. 12in wide and 3½in thick
	For Corner to Sections 11. 12. 13. and 14.
	Land. High rolling prairie. Soil 1st rate
	East. on Random line. Between Sections ~~11 & 12~~ ~~12 and 13~~ 12 & 13.
	Variation 12°. 02'. East.

Township 1. North. Range 17. East. of the 6th Principal Meridian

Chains	
40.00	Set post. for temporary quarter Section Corner.
45.30	Stream of clear water. 3 links wide. runs South
55.30	Drain. bears S.W. heads about 25 ch. N. 90
80.04	Intersected the East boundary of the Township 73 links South of Corner to Sections 12. & 13. from which Corner. Iron
	West. on true line. Between Sections 11. and 12
	Variation 12°. 33' East.
40.02	Set Lime Stone. 17in. long. 12in. wide. and 3in. thick For quarter Section Corner.
80.04	The Corner to Sections. 11. 12. 13. & 14. Land. High rolling prairie. Soil 1st. rate.

South. Between Sections 13. and 14

Variation 12°. 10' East.

38.70	Drain. runs S.W. heads 18 ch. N. 90.
40.00	Set Lime Stone, 26in. long. 13in. wide. and 3in. thick For quarter Section Corner. Drain. bears S.E. heads N.W.
80.00	Set Lime Stone. 29in. long. 17in. wide. and 3½in. thick For Corner to Sections 13. 14. 23 & 24. Land. high rolling prairie. Soil 1st. rate

East. on random line. Between Sections 13 & 24.

Township 1. North. Range 17. East. of the 6th Principal Meridian

Variation 12°. 10 East.

Chains	
18.00	Drain. bears North.
40.00	Set post. for temporary quarter Section Corner.
49.50	Stream of clear water. 5 links wide. runs S.W
73.30	Indian trail. bears W. of S. and E. of N
80.64	Intersected the East boundary of the Township 107 links South of Corner to Sections 13. and 24. from which Corner. Iron.
	West. on true line. Between Sections 13 & 24
	Variation 12°. 55'. East.
40.32	Set Lime Stone. 20in. long. 14in. wide. and 3in. thick For quarter Section Corner.
80.64	The Corner to Sections 13. 14. 23. & 24 Land. High rolling prairie on the N.W. Bottom land on the South. Soil 1st. rate. Scattering timber on Stream. Bur Oak.

South. Between Sections 23. and 24

Variation 13°. 07'. East.

10.00	Center. Great Nemeha river. bottom land. bears N. of E. and S. of W
40.00	Set Lime Stone. 22in. long. 12in. wide. and 3in. thick For quarter Section Corner.

Chains	
80.00	Set Lime Stone 24in long. 14in wide. and 6in thick For Corner to Sections 23. 24. 25. and 26. Land. bottom prairie. Soil N½. 1st rate. S½ 2nd rate fit for Cultivation.
	East. on random line. Between Sections 24. and 25 Variation 13°. 07 East.
40.00	Set post. for temporary quarter Section Corner
80.80	Intersected the East boundary of the Township 12 links North of Corner to Sections 24. and 25, from which Corner, True West. on true line. Between Sections 24. and 25 Variation 13°. 01 East.
40.40	Set Lime Stone. 18in long. 16in wide. and 5in thick For quarter Section Corner. Mound of Stone at Corner.
80.80	The Corner to Sections 23. 24. 25. and 26 Land. Level, river bottom prairie. Soil Soft and Spongy. part fit for Cultivation,
	South. Between Sections 25. and 26 Variation 13. 07 East.
33.00	Enter timber. bearing E. and W.

Chains	
40.00	Set Lime Stone 20in long. 16in wide. and 3in thick For quarter Section Corner. from which an Elm. 33in in diam. bears S. 81°. W. 66 Lks. dist
~~46.20~~	a Hackberry 14in in diam. bears N. 47½ E 73 Lks. dist
46.20	Elm 30in in diam.
50.60	Elm 24in in diam.
53.62	Elm 34in in diam.
54.25	Hackberry 24in in diam.
59.06	Set Lime Stone 18in long. 12in wide. and 3in thick on the Left bank of the Great Nemeha River for Corner to fractional Sections 25 & 26. from which a Maple. 15in in diam. bears S. 12½° E 27 Lks. dist an Elm, 15in in diam. bears N. 55°. W. 43 Lks. dist Land. bottom (land) Soil 2nd rate. fit for Cultivation Timber, Walnut. Bur Oak. Elm. Hackberry. Sycamore and Maple. Undergrowth. Same & vines June 16th 1856
	South. Between Sections 2 and 3 Variation 11°. 50' East.
7.00	ravine 5 chains West. runs S.
28.30	Enter timber & brush. bearing N. of E and S. of W

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

Chains	
33.10	Stream of pure water. 10 lks. wide runs S.W
36.50	Edge of steep bluff. 60 feet above Stream.
39.50	Leave timber bearing N.E. and S.W
40.00	Set Line Stone. 20in long. 12in wide. and 3in thick For quarter Section Corner.
54.00	Enter hazel brush & scattering timber. bearing E & W
57.00	Stream of pure water. 3 lks. wide. runs S of W
71.50	W. oak 8in in diam.
74.00	Leave timber & brush. bearing E. and N.W
80.00	Set Line Stone. 28in long. 16in wide. and 3in thick For Corner to Sections 2. 3. 10. and 11

Land. High rolling prairie. Soil 2nd rate. fit for Cultn.
Timber. W. and Black Oak. Walnut. Hickory & Elm
Undergrowth. Same. hazel and vines

East. on random line. Between Sections 2. and 11
Variation 11°. 50 East

2.00	Enter brush. and scattering timber. bearing N & S
9.30	Leave brush. bears N. & S.
14.00	Enter brush. bearing W. of S. and E. of N
38.00	Leave brush. bearing W. of N. and South.

Chains	
40.00	Set post. for temporary quarter Section Corner
69.25	Road. bearing S.W. and N.E
80.38	Intersected the N. and S. line 60 links North of Corner. to Sections 1. 2. 11. and 12. from which Corner. I run West. on true line Between Sections 2 & 11 Variation 11°. 24'. East
40.19	Set Line Stone. 19in long. 13in wide. and 4in thick For quarter Section Corner.
80.38	The Corner to Sections 2. 3. 10. and 11

Land. High rolling prairie. Soil light & sandy
2nd rate. fit for Cultivation
Timber scattering. B. oak & Hickory
Undergrowth Same. hazel and vines

South. Between Sections 10. and 11
Variation 12°. 00' East.

5.00	Enter timber & brush. bearing N.E. and S.W
7.78	Black oak 6in in diam
16.50	Stream 2 links wide. runs S.W. heads N.E
24.00	Leave timber & brush bearing N. of W and S.E
38.85	Road. bears S.W. & N.E

Chains	
40.00	Set Lime Stone. 19in long. 12in wide. and 3in thick For quarter Section Corner.
46.00	Enter timber & brush, bearing E of N & S.W
50.50	Dry ravine. bears S.W. heads N.E.
58.30	Stream 5 lks. wide. runs S.W. heads N.E
60.50	Leave timber & brush. bearing S W & N.E
70.53	Dry ravine. bears West.
80.00	Set Lime Stone, 18in long. 15in wide, and 4in thick For Corner to Sections 10. 11. 14. & 15.
	Land. High rolling prairie. Soil 2nd rate Fit for Cultivation.
	Timber. Black & W. Oak. Hickory. Elm & Walnut.

East on random line. Between Sections 11 & 14
Variation 12°. 00' East.

34.30	Indian trail. bears S.E. and E. of N
40.00	Set post. for temporary quarter Section Corner
48.50	Drain. runs S.E. heads N.W
67.00	Drain runs S.W
79.53	Intersected the N. and S. line 95 links North of Corner to Sections 11. 12. 13 & 14, from which Corner. I run

Chains	
	West. on true line. Between Sections 11 & 14 Variation 11°. 20' East
39.67½	Set Lime Stone. 20in long. 12in wide. and 3in thick For quarter Section Corner.
79.53	The Corner to Sections 10. 11. 14. and 15
	Land. High rolling prairie. Soil 1st rate

South. Between Sections 14. and 15
Variation 12°. 00' East.

6.50	Enter timber & brush. bearing N.E. & S.W
9.70	Dry ravine bears S.W & N.E
15.00	Leave brush & timber bearing S. of W & S.E
30.10	Indian trail bears S.W. & N.E. a drain heads 6 chs. West, runs S. of W.
40.00	Set Lime Stone. 23in long. 11in wide. and 3in thick For quarter Section Corner.
71.00	Enter brush. bearing S.W & S.E
80.00	Set Lime Stone 30in long. 12in wide. and 4in thick For corner to Sections 14. 15. 22. and 23.
	Land. Prairie. High rolling & broken. Soil light and Sandy. 2nd rate. fit for Cultivation.

* Timber

Chains	
	Timber. Black & White Oak. Hickory. Walnut & Elm
	Undergrowth. Same. Hazel Scrub Oak &c.
	East. on random line. Between Sections 14. and 23
	Variation 12°. 00' East
9.40	Leave brush. bearing N. W 45. E
30.50	Drain. bears S. E heads 20 chs N. W
40.00	Set post. for temporary quarter Section Corner.
46.90	Fork of drains. bears E. of S.
79.16	Intersected the N. 45. line 59 links North of Corner to Sections 13.14.23 & 24. from which Corner. Run
	West. on true line. Between Sections 14 & 23
	Variation 11°. 35'. East
39.58	Set Lime Stone. 19in. long. 12in. wide. and 3in. thick for quarter Section Corner.
79.16	The Corner to Sections 14.15.22. and 23.
	Land. High rolling prairie. Soil 1st rate
	South. Between Sections 22. and 23
	Variation 12°. 20' East
7.00	Top of ridge. bears N. E 45. W. about 130 feet above the Nemeha bottom land.

Chains	
26.00	Ledge of Lime Stone Slabs. Cropping out on Surface
30.00	Center the Great Nemeha River bottom land. bears N. & S. W
40.00	Set Lime Stone. 22in. long. 10in. wide. and 3in. thick for quarter Section Corner.
74.02	Set Lime Stone. 20in. long. 12in. wide. and 3in. thick on the Left bank of the Great Nemeha River. for Corner to fractional Sections 22. and 23. from which a Sycamore - 17in. in diam. bears. S. 18°. W. 21 Lks. dist a B. Walnut. 13in. in diam. bears. N. 18. E. 8 Lks. dist
	Land. part rolling prairie. part. bottom prairie
	Soil 2nd. rate fit for Cultivation
	Timber. Scattering on bank of river. Walnut Elm. Lynn. Sycamore &c.
	From the Corner to Sections 23. 24. 25 & 26. Run West. on true line. Between Sections 23 & 26 Knowing that it will Strike the Left bank of the Great Nemeha river in less than 80.00 chains
	Variation 11°. 35'. East
40.00	Set Lime Stone. 21in. long. 12in. wide. and 3in. thick for quarter Section Corner

Township 1. North. Range 17. East. of the 6th Principal Mer.

Chains	
72.12	Set Line Stone 17in. long. 14in. wide. and 4in. thick on the Left bank of the Great Nemcha River. for Corner to fractional Sections 23 & 26. from which an Ash 10in. in diam. bears S. 5½. E. 39 Lks. dist. No other tree Convenient to mark. Land. level. bottom prairie - Soil 1st. rate. June 19th 1856
	South. Between Sections 3. and 4. Variation 11°. 40'. East
40.00	Set Line Stone. 20in. long. 10in. wide. and 3in. thick For quarter Section Corner.
80.00	Set Sand Stone. 26in. long. 14in. wide. and 3in. thick For Corner to Sections 3. 4. 9. and 10 Land. Prairie, gently rolling - Soil 1st. rate
	East. on random line. Between Sections 3 & 10 Variation 11°. 40' East.
40.00	Set post. for temporary quarter Section Corner
59.00	Center brush. and timber. bearing N. and S
61.85	Stream 5 links wide. bears. W. of S.
68.00	Leave brush. bearing W. of S. and N.

Township 1. North. Range 17. East. of the 6th Principal Meridian

80.00	Intersected the N. and S. line 25 links South of the Corner to Sections 2. 3. 10. and 11. from which Corner. S. run West. on true line. Between Sections 3. and 10 Variation 11°. 51'. East
40.00	Set post in mound. charred Stake at Centre point. French and pits as per instructions. For quarter Section Corner.
80.00	The Corner to Sections 3. 4. 9. and 10 Land. high prairie gently rolling - Soil 1st. rate Timber. White and Black Oak. Hickory. Walnut & Elm
	South. Between Sections 9. and 10. Variation 11°. 40'. East.
40.00	Set post in mound. charred Stake at Centre point. French and pits as per instructions. For quarter Section Corner.
46.70	Center brush. bearing S. W. and N. E
50.00	Drain in ravine. runs S. W. heads N. E
55.00	Leave brush. bearing S. W. and N. E
70.60	Road. bears S. of E. and N. of W
80.00	Set Sand Stone. 26in. long. 17in. wide. and 4in. thick For Corner to Sections 9. 10. 15 & 16. Land. High rolling prairie - Soil 1st. rate Timber. Black. and W. oak. Hickory. Elm & walnut.

Chains

	East. on random line. Between Sections 10. and 15.
	Variation 11°. 40' East.
26.90	Stream of Clear water. 5 links wide. runs W. of S heads E. of N
37.00	Leave brush &c. bearing S.W. and N.E
40.00	Set Post. for temporary quarter Section Corner
53.80	Ravine bears S.E. heads 5 Ch. N.W
61.10	Enter brush. bearing S.W. and N.E
65.80	Drain bears S.W – heads N.E
72.00	Leave brush. bearing S.E. and N.W
80.32	Intersected the N. and S. line. 57 links South of Corner to Sections 10. 11. 14. and 15. from which Corner. I run West. on true line. Between Sections 10 & 15
	Variation 12°. 04 East.
* 40.16	Set post in mound. Charred Stake at Centre point French & pits as per instructions. for quarter Section Corner.
80.32	The Corner to Sections 9. 10. 15. and 16 Land. High rolling prairie. Soil 1st rate Timber. Black & W. Oak. Hickory. Walnut & Elm

* The plat shows this corner in timber

Chains

	South. Between Sections 15. and 16
	Variation 11°. 40' East.
10.00	Enter bottom land. bearing S. of W. and E
25.00	Enter timber, bearing S.W. and N.E
31.11	Hackberry 11in. in diam.
31.23	Hackberry 18in. in diam.
34.57	Elm 36in. in diam
38.13	Marked a Maple 21in. in diam. on the Left bank of the Great Nemeha river. for Corner to fractional Sections 15 & 16. from which. a Maple. 16in. in diam. bears. East. 28 Lks. dist an Elm. 22in. in diam. bears. N. 40. W 54 lks. dist. Land. principally Level bottom. Soil 1st rate. Timber. Walnut. Hackberry. Elm. Maple & Willow Undergrowth. Same

From the Corner to Sections 14. 15. 22. & 23. I run West. on true line. Between Sections 15. and 22. Knowing that it will Strike the Left bank of the Great Nemeha river. in less than 80.00 chains

Variation 12°. 04. East.

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

Chains	
33.00	head of ravine. bears S. of W
38.40	Center timber, bearing N. and S.
40.00	Set post for quarter Section Corner. from which an Elm 48in. in diam. bears S. 43. W. 72 LKs. dist a Bur Oak, 34in. in diam. bears N. 55. E. 80 LKs. dist Center bottom land, bearing N. and S.
47.50	Set post. ~~for quarter Section Corner~~ on the Left bank of the Great Nemaha River, for Corner to fractional Sections 15. and 22. from which a Hickory, 20in. in diam. bears N. 82. E. 16 LKs. dist a Hickory, 12in. in diam. bears S. 16. W. 30 LKs. dist Land part bottom. part high rolling prairie Soil 2nd rate. fit for Cultivation Timber. Bur Oak. Hickory. Hackberry. Walnut Elm. Maple &c.

South. Between Sections 4. and 5

Variation 11°. 34'. East.

25.62	Ravine. bears S.E. and N.W
40.00	Set Sand Stone. 24in. long. 12in. wide. and 5in. thick for quarter Section Corner.

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

Chains	
78.00	Indian trail. bears W. of N. and E. of S.
80.00	Set Sand Stone. 26in. long. 16in. wide. and 4in. thick for Corner to Sections 4. 5. 8 & 9. Land. High prairie gently rolling. Soil 1st rate.

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

Variation 11°. 34'. East.

0.45	Indian trail. bears E. of S. and W. of N
7.50	Center brush. bearing S.W. and N.E
19.80	Stream 10 links wide. runs S.W
40.00	Set post. for temporary quarter Section Corner. Leave brush & Scattering timber, bearing S.E & N.W
79.84	Intersected the N. and S. line. 56 links Nth. of Corner to Sections 3. 4. 9. and 10. from which Corner. I run West. on true line. Between Sections 4. and 9.

Variation 11°. 40'. East

39.92	Set Sand Stone. 20in. long. 12in. wide. and 3in. thick for quarter Section Corner.
79.84	The Corner to Sections 4. 5. 8 & 9. Land. High rolling prairie - Soil 1st rate - Timber. Scattering on Stream. Black. and W. oak. Hickory Elm & Walnut. Undergrowth. Same. hazel and vines

June 18th. 1856

Township 1. North. Range 17. East of the 6th Principal Merdn

Chains

South. Between Sections 8. and 9.
Variation 11°. 34. East.

40.00 Set Sand Stone. 16in long. 14in wide. and 7in thick. For quarter Section Corner.

80.00 Set Sand Stone. 26in long. 12in wide. and 4in thick For Corner to Sections 8.9.16. and 17,
Land. Prairie. gently rolling. Soil 1st rate.

East. on random line. Between Sections 9. and 16
Variation 11°. 34. East

3.50 Ravine. bears S.W. and N.E
8.37 Indian trail. bears S.W. and N.E
22.90 Leave brush. and Scattering timber. bearing S.W and N.E
30.00 Center bottom land. bearing S.W & N.E
40.00 Set post. for temporary Quarter Section Corner.
40.40 Road. bears N. of E. and S. of W.
48.00 Center timber bearing E. of S. and W. of N.
63.00 Ravine (or stream) runs S.W.
73.00 Leave timber. brush. bearing N.E & S.W
79.72 Intersects the N. and S. line 18 links North of Corner to Sections 9.10.15 & 16. from which Corner. Iron
West. on true line. Between Sections 9. and 16.

[illegible]p 1. North. Range 17. East of the 6th Principal Meridian

Chain

Variation 11°. 26. East

39.86 Set Sand Stone. 19in long. 11in wide. and 5in thick For quarter Section Corner.

79.72 The Corner to Sections. 8.9.16. & 17
Land. part bottom. and part rolling prairie - Soil 2nd rate. fit for Cultivation.
Timber. Black & White Oak. Walnut. Elm. Hickory
Undergrowth. Same. hazel. and Vines

South. Between Sections 16. and 17
Variation 11°. 34. East

3.06 Center bottom land. bearing N.E & W. of N
4.95 ~~3.06~~ Ravine bears S.E. heads W. of N.
8.14 ~~4.95~~ Left bank of Muddy Creek. bears (runs) East.
9.14 Right bank of Same
10.88 Road bears S. of E. and West
25.06 Indian trail bears S.E. & N.W
28.65 Center timber. bearing East. and West.
33.53 ~~33.13~~ The Corner to fractional Sections 16. and 17. on the West line of the Half Breed Reservation
Land. Principally Creek bottom - Soil 1st rate.

Chains	
	Timber. Black & w. oak. Walnut Elm. Hickory &c.
	From the Corner to Sections 8.9.16. and 17. I run West. on random line. Between Sections 8. and 17
	Variation 11°. 23'. East
4.62	Enter Muddy Creek, bottom land. bearing S.E & N.W
23.62	To a point 40 links South of Corner to fractional Sections 8. and 17. on the West line of the Half Breed Reservation, from which Corner. I run East. on true line. Between Sections 8. and 17.
	Variation 10°. 23' East.
23.62	The Corner to Sections 8.9.16. and 17
	Land. Creek bottom. Soil 1st. rate.
	South. Between Sections 5. and 6
	Variation 11°. 44. East
3.30	Leave brush. bearing E. and W.
40.00	Set Sand Stone. 20in. long. 10in. wide. and 4in. thick for quarter Section Corner.
80.00	Set Sand Stone. 24in. long. 11in. wide. and 4in. thick for Corner to Sections 5.6.7. and 8

Chains	
	Land. High prairie. gently rolling. Soil 1st. rate
	East. on random line. Between Sections 5 and 8
	Variation 11°. 44. East.
40.00	Set post, for temporary quarter Section Corner
40.54	Drain. runs S.W. heads 25 ch. N. E
80.04	Intersected the N. and S. line 80 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 11°. 11'. East
40.02	Set Sand Stone. 20in. long. 11in. wide. and 4in. thick for quarter Section Corner.
80.04	The Corner to Sections 5.6.7. and 8
	Land. High prairie. gently rolling. Soil 1st. rate
	South. Between Sections 7. and 8
	Variation 11°. 44'. East.
18.36	The Corner to fractional Sections 7. and 8. on the West line of the Half Breed Reservation
	Land. Prairie. gently rolling. Soil 1st. rate

chain.

From the Corner to Sections 5.6.7. and 8. I run West. on random. Between Sections 6. and 7
Variation 11°. 23' East.

19.13 To a point 53 links ~~North~~ South of Corner to fractional Sections 6.7. on the West line of the Half Breed Reservation. from which Corner. I run East. on true line. Between Sections 6. and 7
Variation 9°. 4' East.

19.13 The Corner to Sections 5.6.7. and 8.
Land. High prairie. gently rolling. Soil 1st. rate
June 19th 1856.

Meanders of the Left bank of the Great Nemeha River. through the Township.

Begin at the Corner to fractional Sections 16. and 17. on the West line of the Half Breed Reservation. Thence to the S.W. Corner. of said Reservation. thence down Stream with the Meanders of the left bank of said River. in fractional Section 16: as follows. Variation 13°. 00'. East.

Courses	Distances	
S. 35½. E	3.00	To the S.W. Corner of the Reservation

Courses	Distances		
N. 20. W	3.50	2	✓
N. 22¾. E	4.50	3	✓
N. 58. E	6.30	4	✓
N. 75¼. E	2.00	5	✓
N. 80¼. E	4.00	6	✓
S. 78. E	4.00	7	✓
S. 48¾. E	1.80	8	✓
S. 20½. E	2.00	9	✓
S. 2½. E	2.70	10	✓
S. 7¼. W	1.50	11	✓
S. 9¾. W	1.90	12	✓
S. 15. E	2.00	13	✓
S. 11¾. E	3.20	14	✓
S. 42½. E	1.70	15	✓
S. 66. E	1.50	16	✓
S. 87½. E	1.90	17	✓
N. 59. E	3.00	18	✓
N. 35½. E	3.80	19	✓
N. 5½. E	2.80	20	✓
N. 19. W	2.20	21	✓
N. 7½. E	2.60	22	✓

Township 1. North. Range 17. East. of the 6th Principal Meridian

Courses	Distances	
N. 0½. E.	3.70	
N. 35½. W.	1.80	
N. 76. W.	2.80	
S. 75¾. W.	5.50	
N. 68. W.	2.90	
N. 34. W.	3.00	
N. 24¾. W.	2.30	
N. 19¼. E.	2.80	mouth of Muddy Creek. (right bank) bears S. 60 W.
N. 4½. W.	2.00	1.20 chs. Left bank of Muddy Cr. Leave timber
N. 56½. E.	4.70	
N. 81. E.	8.00	
S. 68½. E.	4.00	
S. 50½. E.	6.00	
S. 39. E.	6.30	Center timber bearing East
S. 34½. E.	1.70	
S. 49½. E.	1.40	at 60 links stream 20 links wide. bears N.W.
S. 42¼. E.	3.20	
S. 13¼. E.	3.00	
S. 9¾. E.	2.60	
S. 17¾. W.	2.60	
S. 25¼. W.	2.40	

Township 1. North. Range 17. East of the 6th Principal Meridian

Courses	Distances	
S. 36¾. W.	1.80	
S. 11½. E.	1.80	
S. 64¾. E.	2.80	
N. 82. E.	1.70	
N. 73. E.	3.30	
N. 62½. E.	3.40	
N. 43½. E.	3.00	
N. 11½. E.	3.00	
N. 8½. E.	1.40	
N. 19½. W.	2.60	
N. 22¾. W.	3.40	
N. 32¼. E.	3.40	
N. 50¾. E.	4.00	Leave timber. bearing N. E.
S. 86. E.	6.00	
S. 40¼. E.	11.00	
S. 39½. E.	5.00	Center timber. bearing N. of E.
S. 20¾. E.	3.60	
S. 32¾. E.	3.50	
S. 56½. E.	1.64	The corner to fractional sections 15 & 16

Land. bottom (land). Soil 1st rate.

Timber. Burr Oak. Walnut. Elm. Hackberry Hickory & Maple.

Township 1. North. Range 17. East. of the 6th Principal Meridian

Courses	Distances	
		Thence in Section 15.
N. 70½. E.	1.80	
N. 4¾. E.	3.00	
N. 4¼. E.	3.20	
N. 16¾. W.	4.20	
N. 8. E.	1.20	
N. 37¼. E.	1.40	Leave timber bearing West.
N. 21½. E.	3.00	
N. 88¾. E.	7.30	Enter timber. bearing N. 57°. E.
S. 72½. E.	2.00	
S. 87. E.	1.40	
S. 84. E.	2.00	
N. 77. E.	2.00	at 1.00 ch. Stream 25 links wide. bears N
S. 75. E.	5.00	
S. 38½. E.	5.00	at 3.00 ch. Leave timber. bearing E. of N
S. 2¾. E.	5.70	at 3.00 ch. enter timber. bearing East
S. 1¼. E.	5.70	
S. 12. W.	5.30	
S. 34½. W.	4.60	
S. 38½. W.	2.80	
S. 42½. W.	3.00	

Township 1. North. Range 17. East. of the 6th Principal Meridian

Courses	Distances	
S. 53¾. W.	2.90	
S. 56¼. W.	1.80	
S. 1½. W.	1.30	
S. 76½. E.	4.00	
S. 85¼. E.	3.40	
S. 7½. E.	3.00	
S. 6. E.	4.00	
S. 63¼. E.	5.10	at 4.70 ch. dry ravine 30 lks wide. bears N.
S. 66¾. E.	2.00	
S. 38. E.	4.00	
S. 16. E.	3.20	
S. 15¾. W.	7.00	
S. 51¾. W.	3.00	
S. 39½. W.	1.90	The Corner to fractional Sections 15. and 22 Land. river bottom. Soil 1st. rate.
		Thence in Section 22.
S. 37½. W.	2.00	
S. 14¾. W.	2.20	
S. 2¼. W.	3.70	
S. 38½. W.	4.70	

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Township 1. North. Range 17. East of the 6th Principal Mer.

Course	Distance	
S. 49. W	2.40	
S. 45¾. W	3.00	
S. 15. W	2.30	
S. 7¼. E	5.40	
S. 22¾. E	2.70	
S. 27½. E	3.10	
S. 52 E	3.00	
S. 79½. E	2.50	
N. 40½. E	3.00	
N. 22¾. E	2.00	
N. 11. E	1.70	
N. 6. E	2.00	
N. 30¼. E	2.00	
N. 10. E	2.80	
North.	2.30	
N. 24. E	2.30	
N. 35. E	3.00	
N. 82. E	3.00	
S. 46½. E	3.80	Bluff on left bank
S. 5½. E	2.70	
S. 18½. W	8.00	Bluff leaves, bearing S. 25 E

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Township 1. North. Range 17. East of the 6th Principal Mer.

Course	Distance	
S. 15¼. W	1.30	
S. 10. W	3.00	
S. 4½. E	3.80	
S. 4¾. E	3.30	
S. 16¼. E	5.00	
S. 34¼. E	5.70	
S. 38. E	3.80	
S. 40. E	6.30	
S. 20¼. E	3.50	
S. 43¾. E	3.70	
S. 38. E	4.30	
S. 37¾. E	2.20	
S. 42¼. E	2.00	
S. 55¾. E	4.00	
S. 67¾. E	2.50	
S. 54. E	2.20	
S. 53¾. E	1.90	
S. 70½. E	5.00	
S. 62¾. E	3.00	
S. 75. E	2.65	The Corner to fractional Sections 22. and 23

Land. River bottom. Soil 1st rate.

Course	Distances	
		Thence in Section 23
S. 65½. E	3.00	
S. 43½. E	6.20	The Corner to Sections 23. and 26 Land. river bottom. Soil 1st rate June 20th. 1856
		Thence in Section 26
S. 39. E	4.00	
S. 28¼. E	4.40	Center timber. bearing S. 48. E
S. 12½. E	3.00	
S. 23¾. E	2.00	
S. 38. E	2.80	
S. 46¼. E	2.00	
S. 54. E	2.70	
S. 47. E	1.80	
S. 37½. E	1.40	
S. 67¾. E	1.40	
S. 39¼. E	4.90	
S. 56¼. E	2.40	
S. 84½. E	4.60	
N. 71. E	3.00	
N. 77½. E	3.00	

Course	Distances	
N. 65¾. E	2.70	
N. 82. E	2.10	
N. 76½. E	2.50	
N. 84. E	1.50	Leave timber bearing N. of W
N. 85½. E	4.70	
S. 68½. E	3.00	
S. 40½. E	4.70	Center timber bearing S. 65. E
S. 31. E	1.30	
S. 15. E	0.70	
S. 29¾. E	1.30	
S. 15½. E	1.40	
S. 17¼. E	1.60	
S. 17. E	1.80	
S. 38½. E	2.00	
S. 41. E	3.00	
S. 57½. E	2.20	
S. 39½. E	2.00	
S. 46. E	4.00	
S. 14. E	3.00	
S. 14. W	3.00	
S. 23½. W	3.40	

Course	Distances	
S. 31¾. W	1.50	
S. 7½. E	1.80	
S. 34¾. E	3.80	
S. 62¾. E	4.60	
S. 85. E	3.80	
N. 75½. E	2.37	The Corner to fractional Sections 25. and 26 Land. Niver bottom. Soil 1st. rate Timber Bur & white Oak. Walnut. Hickory Elm &c. Undergrowth Same.
		Thence in Section 25.
N. 60½. E	1.80	
N. 38¾. E	2.00	
N. 9½. E	3.30	
N. 9½. W	2.60	
N. 3½. E	2.80	
N. 23. E	4.00	
N. 14½. E	3.00	Leave timber. bearing West.
N. 18½. E	3.90	
N. 11½. E	5.00	
N. 5¼. E	7.50	

Course	Distance	
N. 17°. W	6.00	~~at 5.00 chs. Indian trail. bears N.E. & S.W.~~
N. 21¾. W	9.00	
N. 12¼. E	6.00	at 5.00 chs. trail bears S.W. & N.E.
N. 59. E	4.50	
S. 83½. E	5.00	
S. 56½. E	8.00	
S. 27½. E	8.00	
South	4.80	
S. 17¾. E	11.00	
S. 8¾. W	6.00	
S. 26¾. W	4.00	Center timber. bearing S. 10°. W
S. 38¼. W	1.80	
S. 66½. W	1.50	
S. 13½. W	2.40	
S. 4½. W	3.00	
S. 0¾. E	2.10	
S. 8¼. W	2.10	
South	3.00	
S. 9°. E	2.70	
S. 17¼. W	2.00	
S. 2. W	2.00	

Course	Distance	
~~N. 12¼. E~~		
~~N. 59. E~~		
~~S. 88¾. E~~		
~~S. 56½. W~~		
~~S. 24½. E~~		
~~South~~		
S. 7½. W	2.50	32
S. 10. E	1.70	33
S. 7¾. E	1.50	34
S. 18¾. E	1.80	35
S. 54. E	2.50	36
N. 84. E	1.80	37
N. 62. E	3.00	38
N. 56. E	3.00	39
N. 45¾. E	3.00	40
N. 40. E	2.00	41
N. 30½. E	2.20	42
N. 44¾. E	2.00	Leave timber bearing S. 70. W.
N. 52¾. E	4.00	44
S. 84¾. E	4.00	45
S. 70½. E	6.00	46

Course	Distance	
N. 84½. E	6.60	47
N. 46¼. E	14.00	48
S. 46½. E	5.00	49
S. 04. W	10.00	50
S. 12. W	6.60	51 Enter timber bearing S. 30. E
S. 8¾. W	2.80	52
S. 11. E	2.00	53
S. 19. E	2.50	54
S. 44¾. E	2.40	55
S. 54. E	2.60	56
S. 63¾. E	1.60	Leave timber, bearing N. W
S. 84¾. E	2.70	58
S. 79¼. E	2.00	59
N. 85¾. E	1.89	The Corner to fractional Sections 25. and 30. Being also the Corner to Sections 25. 36. 30 & 31. on East boundary of Township. Land. River bottom. Soil 1st rate. Timber, Walnut, Elm, W. & Bur Oak Hickory &c. Undergrowth. Cane and Vines

Township 1. North. Range 17. East. of the 6th Principal Mer.

Course	Distance	
		Meanders in Section 36. Begin at Corner to fractional Sections 36 and 31
N. 32. W	2.00	1 ✓
N. 33¾. W	1.60	2 ✓
N. 32. W	2.00	3 ✓
N. 9. W	1.70	4 ✓
N. 31¾. W	2.30	5 ✓
N. 35¼. W	2.20	6 ✓
N. 56¼. W	2.40	7 ✓
N. 67½. W	2.30	8 ✓
N. 81½. W	2.50	9 ✓
N. 66¾. W	1.30	10 ✓
S. 81¾. W	1.70	11 ✓
S. 85. W	2.70	12 ✓
S. 56¾. W	1.30	13 ✓
S. 50¾. W	3.00	14 ✓
S. 28¼. W	3.20	15 ✓
S. 45. W	1.30	16 ✓
S. 22¼. W	2.00	17 ✓
S. 12. W	1.70	18 ✓
S. 27½. W	2.10	19 ✓

Township 1. North. Range 17. East of the 6th Principal Mer. 39/76

Course	Distance	
S. 18¾. W	2.00	20 ✓
S. 23¾. W	2.20	21 ✓
S. 7¼. W	1.40	22 ✓
S. 8¼. W	4.00	23 ✓
S. 14¼. W	8.30	24 ✓
S. 12¾. W	3.00	25 ✓
S. 9¼. W	3.00	26 ✓
S. 3½. E	2.00	27 ✓
S. 16¼. W	2.50	28 ✓
S. 8¾. W	3.30	29 ✓
S. 0¾. W	2.00	30 ✓
S. 3¾. E	2.00	31 ✓
S. 1¾. E	2.00	32 ✓
S. 2¼. W	1.50	33 ✓
S. 6½. E	2.00	34 ✓
S. 11°. W	2.37	35 ✓

The Corner to fractional Sections 36 and 1.

Land. river bottom (Big bend of the Nemaha)

Soil 1st rate.

Timber. good. Black. White & Bur Oak. Walnut Hackberry. Hickory Elm & Maple

No Undergrowth. June 21st 1856

General Description.

The quality of the land in this Township is of a first rate character. The Upland or rolling prairie is unsurpassed, all capable of cultivation.

The bottom land of which there is a fair average is nearly all 1st rate.

Timber principally B. W. & Bur Oak. Walnut. Hickory. Hackberry Elm. & Cottonwood.

There are no settlements in this Township.

Lime and Sand Stone exists on the bluffs of the Great Nemaha Rivers.

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 fractional Township 1 North Range 9th East of the 6th Principal Meridian. Showing the respective Capacities in which they acted.

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

Exd
Brunt & Doyle

No 124 May 12 1856

Tables

South of the Base Line — Kansas

Field Notes of the Meanders of the Great Nemeha River in the N.E. Corner of Fractional

Township 1. South

Range 17. East

of the

6th Principal Meridian

in the

Territory of Kansas

Field Notes of the Meanders of the Great Neme=
=ha River. in the N.E. Corner of Fractional
Township. 1. South
Range. 17. East
of the
6th Principal Meridian
in the
Territory of Kansas
Michael. Mc. Manus. Deputy Surveyor

Commenced July 28th 1856.
Completed July 28th 1856.

List of Assistants

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

Field Notes of the Meanders of the Great Nemeha River in the N.E. Corner of Fractional Township. 1. South. Range. 17. East. of the 6th Principal Merdn.

Commenced July 28th 1856.
From the Corner to Township 1 South. Ranges 17. and 18 East. (on the Base line). I run
West. on true line on the North Boundary of Section 1.
Variation 13°. 51' East

3.22 Marked an Elm 16in in diam. on the Left bank of the Great Nemeha River. for Corner to fractional Sections 1. and 36. From which.
an Elm 29in in diam. bears. S. 11½°. W. 4 links distant
an Ash 6in in diam. bears. N. 23°. E. 7 links distant

Thence down Stream with the Meanders of the left bank of said river. in fractional Section. 1. as follows.

Course	Distance	
S. 17. E	1.40	
S. 3¾. E	2.00	
S. 10½. E	2.30	
S. 19¼. E	5.00	
S. 25½. E	1.40	Set post. on the Left bank of the Great Nemeha River. on East line of Section. 1. For

Township 1. South. Range 1st. East. of the 6th Principal Mer.

Corner to fractional Sections 1. and 6. from which
an ash, 20in. in diam. bears S. 38. E. 22 links distant.
an ash. 11in. in diam. bears. N. 25. W. 45 links distant.
The Corner described above is.

11.67 chain South of the North East Corner of Section 1.
Township 1. South. Range 1st. East —

Land. Level. river bottom. Soil 1st. rate
not subject to inundation.
Timber good. Black. W. & Bur oak. Walnut Elm ash
Maple &c. No Undergrowth.

July 28th 1856.

General Description

The land in this fractional Township. is level.
river bottom. Soil a rich dark loam. of
1st. rate quality.

Timber. good. principally. Black. white & Bur Oak
Hickory. Walnut. Ash Elm & Maple.

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

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 fractional Township 1. South. Range 1st East. of the 6th Principal Meridian. Showing the respective Capacities in which they acted.

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

Exa Brent & Doyle

Contract No. 124

14 (May 12 1956)

Half Breed Indian Res

Field Notes of the Subdivision Lines and Meanders of the Missouri River.

in.

Township . 2 . North.

Range . 17 . East.

of the

6th Principal Meridian

in the

Territory of Nebraska

Meanders do not Cove

Half-Breed Res. Cont No. 124
(May 12 1856)

Field Notes of the Subdivision Lines and Meanders of the Missouri River.

in

Township 2 North
Range 17 East
of the
6th Principal Meridian
in the
Territory of Nebraska

Field Notes of the Subdivision Lines. and
Meanders of the Missouri River
in
Township 2. North
Range 17. East.
of the
6th Principal Meridian.
in the
Territory of Nebraska
Michael Mc. Manus. Deputy Surveyor.

Commenced. June 23rd 1856
Completed. July 2nd 1856.

List of Assistants.

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

Field notes of the Subdivision lines. and Meanders of the Missouri River in Township 2. North. Range 17. East. of the 6th Principal Meridian.

Chains	
	To determine the proper adjustment of my Compass. for Sub=dividing this Township. I commence at the Corner to Townships 1. and 2. North. Ranges 17. and 18. East. and run. North. on a blank line along the East Boundary of Section 36.
	Variation 12°. 40 East.
39.70	To a point 22 links West of ~~Corner~~ Quarter Section Corner.
79.77	To a point 47 links West Corner to Sections 25. and 36
	To retrace this line. or run parallel thereto my Compass must be adjusted to a Variation of 12°. 20 East.
	West. on blank line along the South Boundary of Section 36
	Variation 12°. 20 East.
40.06	To a point 2 links South of quarter Section Corner.
79.56	To a point 38 links South of Corner to Sections 35 & 36,
	To retrace this line. or run parallel thereto my Compass must be adjusted to a Variation of. 12°. 04. East.
	Subdivision Commenced. June 23rd 1856.
	North. Between Sections 35. and 36.
	Variation 12°. 20 East.
8.00	Head. of drain, bears W. of N

Township. 2. North. Range. 17 East. of the 6th Principal Meridian

Chains	
19.50	Same drain. bears E. of N
29.35	Indian trail. bears S. E. and N. W
35.50	~~Indian trail~~ Drain bears East. 4. ch. thence N. E. heads 10 ch. W. of S.
40.00	Set Lime Stone. 20in long. 12in wide and 3in thick For quarter Section Corner.
60.40	Spring branch. 3 links wide. runs S. E
80.00	Set Lime Stone. 24in long. 12in wide. and 4in thick For Corner to Sections 25. 26. 35. and 36
	Land. High rolling & broken. (prairie) Soil light. and Sandy. 2nd rate. fit for Cultivation.
	Timber. Scattering on Streams. White & Bur Oak. Hickory. Elm &c.

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

Variation 12°. 20' East.

8.50	Drain. runs South. heads 15 ch. North.
21.00	Indian trail bears W. of S. and E of N.
38.00	Ravine bears Sth. heads 17 ch. W. of N. Enter brush. and Scattering timber. bearing. N. & S.
40.00	Set post. for temporary quarter Section Corner.
50.50	Drain. bears E. of S. heads 8 ch. E of N.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

Chains	
80.04	Intersected the East Boundary of the Township. 111 links North of Corner to Sections 25. and 36. from which Corner. I run. West. on true line. Between Sections 25 & 36.

Variation. 11°. 33' East.

40.02	Set Lime Stone. 21in long. 9in wide. and 3in thick. For quarter Section Corner.
80.04	The Corner to Sections 25. 26. 35. and 36
	Land. High, rolling and broken. W½. prairie. Soil 2nd rate Fit for Cultivation.
	Timber. Scattering W. and Black Oak. Undergrowth. Same hazel & vines

North. Between Sections 25. and 26.

Variation 12°. 10' East.

26.30	Indian trail. bearing E. and W
32.50	Enter hazel brush. bearing N. of W. and S. of E.
40.00	Set Lime Stone. 23in long. 12in wide. and 3in thick For quarter Section Corner.
44.00	Leave brush. bearing S. E. and N. W
71.00	Drain. runs E. of N. heads 30 ch. W. of S.
80.00	Set Lime Stone. 24in long. 12in wide. and 3in thick For Corner to Sections 23. 24. 25. and 26.

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian

Chains	
	Land. High rolling prairie. Soil light. and Sandy. 2nd. rate
	Fit for Cultivation.
	East. on random line. Between Sections 24. and 25
	Variation 12°. 10 East.
40.00	Set post. for temporary quarter Section Corner
69.00	Edge of bluff. 80 feet above Creek bottom land
78.50	Winnebago Creek. 20 links wide runs E&S.
80.47	Intersected the N. and S. line. 172 links North of Corner to Sections
	24. and 25 from which Corner. S. run.
	West. on true line. Between Sections 24. and 25.
	Variation. 10°. 56. East.
40.23½	Set Lime Stone. 20in. long. 16in. wide. and 3in. thick. for
	quarter Section Corner.
80.47	The Corner to Sections 23. 24. 25. and 26
	Land. prairie. High rolling and broken. Soil light & Sandy
	2nd. rate. fit for Cultivation.
	Timber. Scattering. B. Oak. Undergrowth. Scrub hickory & oak. and hazel

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian

Chains	
	North. Between Sections 23. and 24.
	Variation 12°. 10 East.
40.00	Set Lime Stone. 21in. long. 12in. wide. and 3in. thick. for
	quarter Section Corner.
75.00	Center brush. bearing S.E. and N.W.
80.00	Set Lime Stone. 22in. long. 10in. wide. and 3in. thick. for
	Corner to Sections 13. 14. 23. and 24.
	Land. prairie. high rolling and broken. Soil 2nd. rate.
	Fit for Cultivation.
	East. on random line. Between Sections 13. and 24
	Variation 12°. 10 East.
7.70	Winnebago Creek. 20 links wide. runs S.E.
12.00	Leave brush. and Scattering timber. bearing S.E & N.W
40.00	Set post. for temporary quarter Section Corner.
75.60	Indian trail. bearing S.E. and N.W.
80.78	Intersected the East Boundary of the Township 202 links
	North of Corner to Sections 13. and 24. from which Corner. S. run
	West. on true line. Between Sections 13. and 24.
	Variation 10°. 43 East.

Township. 2. North. Range. 1W. East. of the 6th Principal Meridian

Chain	
40.39	Set Lime Stone. 16in. long. 16in. wide. and 3in. thick. For quarter Section Corner.
40.78	The Corner to Sections 13. 14. 23. and 24. Land. principally high rolling prairie - Soil 1st. rate. Timber Scattering on Streams. White. and Black Oak. Hickory. Elm and Lynn. Undergrowth. Same. and hazel.

North. Between Sections 13. and 14.
Variation 10°. 00' East.

6.30	Stream. 5 links wide. runs S.E
16.50	Wrinnebago Creek. 20 links wide. runs S.E
22.00	Leave brush. and timber. bearing N.W. and S.E
32.90	Indian trail bears N.W. and S.E
40.00	Set Lime Stone. 22in. long. 15in. wide. and 3in. thick For quarter Section Corner.
45.70	Ravine. runs S.W. heads 30 ch. E. of. N.
80.00	Set Lime Stone. 20in. long. 12in. wide. and 3in. thick For Corner to Sections 11. 12. 13. and 14. Land. High rolling prairie - Soil 1st. rate Timber. White & Bur Oak. Elm. Walnut. Hickory. Lynn &c.

Note:- I had previously run this line at a variation of 11°. 45' East. and found

Township. 2. North. Range. 1W. East. of the 6th Principal Meridian.

Chain

on running East. to the East Boundary of the Township That the distance on line Between Sections 12 & 13. was ~~82.49~~ 82.49 chain. I returned South to the Corner to Sections 13. 14. 23 & 24. and run North. Between Sections 13 & 14. at a variation of 10°. 00' East. I had the line Between Sections 12 & 13. rechained in order to be certain that an Error existed in the Township line. and did not find any material difference in the chaining. Michael McNamus Deputy Surveyor.

East. on random line. Between Sections 12. and 13
Variation 10°. 00' East.

19.85	Indian trail. bearing. S.E. and N.W
21.00	Enter timber. bearing ~~S.~~ N.W. and S.E
31.00	heat of ravine - bears N.E
36.50	Stream of Spring water. 2 links wide - runs N.W. heads S.E
37.15	Stream 2 links wide. runs S.W. heads N.E
40.00	Set Post. for temporary quarter Section Corner.
50.70	Indian trail. bears N.E. and S.W
60.10	Stream in bed of ravine. 1 link wide. runs N.E. heads S.W
80.04	Intersected the East Boundary of the Township 50 links South of Corner to Sections 12 & 13. from which Corner. I run

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	West. on true line. Between Sections 12. and 13
	Variation 10°. 27. East.
40.02	Set post. for quarter Section Corner. from which
	a White Oak. 22in. in diam. bears. S. 10½. E. 35 links dist.
	a Black Oak. 18in. in diam. bears. N. 2°. W. 23 links dist.
80.04	The Corner to Sections 11. 12. 13. and 14.
	Land. Bluffs. high rolling. and broken. Soil 2nd. rate
	fit for Cultivation.
	Timber. Black. and W. Oak. Hickory. Walnut &c.
	Undergrowth. Same. hazel. dogwood. and vines
	June 23rd. 1856.

North. Between Sections 11. and 12.

Variation 10°. 00 East.

23.05	Indian trail. bears N.W. and S.E.
31.00	Indian trail. bears S.E. and N. of N
37.60	Indian trail. bears N. of N. and E. of S.
40.00	Set Lime Stone. 20in. long. 12in. wide. and 3in. thick
	For quarter Section Corner.
49.20	Center timber. 4bush. bearing E of S. and N. W
80.00	Set Lime Stone. 22in. long. 10in. wide. and 4in. thick. For
	Corner to Sections. 1. 2. 11 and 12. from. which

Township. 2 North. Range. 17. East. of the 6th Principal Meridian

Chains	
	a Black Oak. 27in. in diam. bears S. 59½. E. 24 LKs. dist.
	a Hickory. 12in. in diam. bears. N. 27½. E. 84 LKs. dist
	a Black Oak, 34in. in diam. bears N. 44. W. 1.27 LKs. dist
	a Black Oak, 29in. in diam. bears S. 71°. W. 94 LKs. dist
	Land. High. rolling. and broken. Soil 2nd. rate. fit for
	Cultivation.
	Timber. Black & W. Oak. Hickory Walnut. Lynn &c
	Undergrowth. Same. and hazel.

East. on true line. Between Sections 1. and 12

Variation 10. 00 East.

Knowing that it will strike the right bank of the Missouri river. in less than 80.00 chains.

0.60	Lynn 24in. in diam.
5.00	Top of ridge. bearing N & S. about 600 feet above Missouri
	river.
14.80	B. Oak. 15in. in diam
26.50	Indian trail. bearing N. and S.
26.60	Top of bluff. bearing N & S.
40.00	Set post. for quarter Section Corner. from which
	White Oak 20in. in diam. bears S. 15½. E. 66 LKs dist

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	a Sycamore 18in in diam. bears N. 52½. E. 12 links distant
42.40	Indian trail. bearing S. E & N. W
46.29	Fence. (enter corn field) bearing N. and S. Leave timber
53.00	Set post. for Corner to fractional Sections 1. and 12. on the right bank of the Missouri river. from which.
	an Elm. 24in in diam. bears S. 15½. E. 1.15 Links distant
	an Elm. 36in in diam. bears N. 69½. W. 1.99 Links distant
	Land. High rolling & broken (Bluffs) Soil 2nd rate part fit for Cultivation.
	Timber. Black & W. oak. Hickory. Walnut Elm &c.
	Undergrowth Same. and hazel.

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

Variation 10.00. East.

Knowing that it will strike the ~~left~~ Right bank of the Missouri river. in less than 80.00 chains

3.38	Red oak 36in in diam.
7.70	Indian trail bearing N. E & S. W
12.64	Indian trail. bearing E. and W
15.53	Black oak 31in in diam.
16.50	Ravine bears E. and W.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

Chains	
28.48	Indian trail. bearing S. of E. and N. of W
34.28	B. walnut 30in in diam.
40.00	Set Lime Stone. 25in long. 10in wide. and 8in thick For quarter Section Corner. from which
	a Red oak. 31in in diam. bears N. 65½. W. 39 Lks. dist
	a B. walnut. 15in in diam. bears S. 35. E. 78 Lks. dist
42.87	Black oak. 20in in diam.
49.30	Top of bluff. bearing N. W & S. E.
52.50	Set Lime Stone 18in long. 16in wide. and 3in thick. For Corner fractl. to Sections 1. and 2. on the right bank of the Missouri river. from which.
	a Lynn 28in in diam. bears S. 75. W. 50 Links distant
(marked W. M. C. witness Meander Corner)	a Sycamore 22in in diam. bears N. 21. W. 73 Links distant.
	Land. Bluffs. high rolling & broken. Soil 2nd rate part fit for Cultivation.
	Timber. good. Black. W. & Red oak. Walnut. Hickory. Hackberry Elm. Lynn & Sycamore. Undergrowth. Same.

North. Between Sections 34. and 35.

Variation 12°.05 East.

Township. 2. North. Range. 1. East. of the 6th Principal Meridian.

Chains	
40.00	Set Line Stone. 20in. long. 10in. wide. and 3in. thick. For quarter Section Corner.
55.00	Road. bears N.W. and S.E
63.00	Road. bears W. of N. and E. of S.
80.00	Set Line Stone, 22in. long. 16in. wide. and 3in. thick. For Corner to Sections 26.27.34. and 35. Land. high prairie. gently rolling - Soil 1st rate

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

Variation 12°. 05' East.

13.30	Road. bears E. of S. and N.W.
40.00	Set post. for temporary quarter Section Corner
51.30	Center timber. bearing E. of N. and W. of S.
60.80	Stream. 5 links wide, runs S.E. heads 25 ch. N.W
61.35	Leave timber bearing S.E. & N.W
70.00	Stream 1 link wide in ravine. runs S.W. heads 6 ch. N.E
80.77	Intersected the N. & S. line 1.03 links North 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°. 21' East.

Township. 2. North. Range. 1. East. of the 6th Principal Meridian.

Chains	
40.38½	Set Line Stone. 18in. long. 11in. wide. and 3in. thick. For quarter Section Corner.
80.77	The Corner to Sections. 26.27.34. and 35. Land. High. and rolling. W½. prairie - Soil 1st rate Timber. white. Black & Red oak. Hickory. Walnut &c. Undergrowth. Same. hazel. and vines

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North. Between Sections 26. and 27.

Variation 11°. 35'. East.

4.60	Road. bears. W. of N. and S.E.
40.00	Set Line Stone. 23in. long. 8in. wide - and 4in. thick. For ~~Corner~~ Quarter Section Corner.
80.00	Set Line Stone. 22in. long. 10in. wide. and 3in. thick. For Corner to Sections 22.23.26. and 27. Land. high prairie. S½. gently rolling. N½. broken Soil 1st rate.

East. on random line. Between Sections 23. and 26

Variation 11°. 35'. East

4.10	Center brush. bearing W. of S. & N.E
12.00	Dry ravine. bears N.E. & S.W. a grove of timber containing about

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian.

Chains	
	5 acres S. of line.
31.20	Leave heavy brush & scattering timber, bearing S.W. and N.E.
40.00	Set Post. for temporary quarter Section Corner
80.56	Intersected N. and S. line 107 links North of Corner to Sections 23.24.25. and 26. from which Corner. S. run ~~East~~ West. on true line. Between Sections 23. and 26.

Variation. 10°. 50'. East.

40.28	Set Sand Stone. 20 in long. 8 in wide. and 4 in thick: For quarter Section Corner, from which A. Black Oak 22 in diam. ~~from which~~ bears N. 71° E. 215 lks. dist.
80.56	The Corner to Sections 22.23.26. and 27.

Land. high. rolling. ~~prairie~~ and broken. Soil light & sandy. 2nd rate fit for cultivation.

Timber. Black. and White Oak. Hickory. and Mulberry.

Undergrowth. Same. hazel. and Scrub Oak.

North. Between Sections 22. and 23.

Variation 11°. 35'. East.

12.50	Enter brush. bearing N.E. and S.W.
21.50	Leave brush. bearing N.E. and S.W.
26.00	Enter brush. bearing East. and West.
40.00	Set Sand Stone. 19 in long. 11 in wide. and 5 in thick

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian.

Chains	
	For quarter Section Corner.
40.52	Leave brush. bearing N.E. and S.W.
45.00	Enter brush. bearing N.E. and S.W
68.00	Leave brush. bearing East. and West.
75.30	Enter brush. bearing S. of E. and N. of W.
80.00	Set Sand Stone. 22 in long. 11 in long. and 4 in thick. For Corner to Sections 14. 15. 22. and 23.

Land. high. and rolling. Soil light. and Sandy. 2nd rate. fit for Cultivation.

Timber. Black. and Scrub Oak. Undergrowth. Same hazel

June 25th. 1856

East. on random line. Between Sections 14. and 23.

Variation 11°. 35'. East.

3.45	Leave brush. bearing S.E. and N.W
40.00	Set post. For temporary quarter Section Corner.
61.00	Stream. 3 links wide. bears N. of E. and S. of W
70.40	Stream 5 links wide. bears N
77.00	Enter brush. bearing N. and S.
79.96	Intersected N. and S. line 64 links North of Corner to Sections 13.14.23. and 24. From which Corner. S. run ~~East~~ West. on true line. Between Sections 14. and 23.

Township 2. North Range 17. East. of the 6th Principal Meridian.

Chains

Variation. 11°. 08'. East.

39.98 Set Sand Stone. 19 in long. 13 in wide. and 5 in thick
for quarter Section Corner.

79.96 The Corner to Sections 14. 15. 22. and 23.
Land. high. and rolling. Soil 2nd rate. (Light. and Sandy)
Fit for Cultivation –
Timber – Scattering Black Oak. &c. Undergrowth. Scrub
Oak. hazel &c.

North. Between Sections 14. and 15.
Variation 9°. 51' East.

40.00 Set Lime Stone. 21 in long. 9 in wide. and 3 in thick
for quarter Section Corner.

55.45 Drain. runs N.E. heads 15.00 ch. S.W.

66.80 Winnebago Creek. 20 links wide. runs East.

67.30 Same Creek. runs W.

68.10 Same Creek. runs E.

80.00 Set Lime Stone. 22 in. long. 9 in wide. and 3 in thick
for Corner to Sections. 10. 11. 14. and 15 ~~links~~
Land. High rolling prairie. Soil 2nd rate.
Fit for Cultivation.

Township 2. North. Range 17. East. of the 6th Principal Meridian.

Chains

Timber. Scattering on Creek. Elm. W. oak. Hickory &c.
Undergrowth. Scrub oak &c.

East. on random line. Between Sections 11 & 14
Variation. 11°. 35'. East.

20.80 Indian trail. bearing N.th and S.th

40.00 Set Post. for temporary quarter Section

64.80 Ravine. bears N. and S.

80.08 Intersected the N. and S. line. 1.31 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 10°. 31'. East

40.04 Set Lime Stone. 16 in long. 9 in wide. and 4 in thick
for quarter Section Corner.

80.08 The Corner to Sections 10. 11. 14. and 15.
Land. High and rolling. Soil 2nd rate. fit for
cultivation.

North. Between Sections 10. and 11.
Variation 10°. 00'. East.

40.00 Set a Sand Stone. 22 in long. 12 in wide. and 5 in thick
for quarter Section Corner.

Township 2. North. Range 17. East. of the 6th Principal Meridian

Chains	
73.60	Indian trail. bears N. W. and S. E.
80.00	Set Sand Stone. 20 in long. 12 in wide. and 5 in thick for Corner to Sections 2. 3. 10. and 11.
	Land. High rolling prairie - Soil 2nd rate - fit for Cultivation.

East. on random line. Between Sections 2. and 11.
Variation 10°. 40' East.

3.30	Indian trail. bearing W. of N. and S. E.
11.00	Center timber. bearing W. of N. and S. E.
14.75	W. OAK 40 in diam.
33.30	W. OAK. 24 in diam.
40.00	Set post for temporary quarter Section Corner.
54.75	Fence bears N. and S.
58.00	Stephen Stoves house. Stands 3.50 ch. North
59.50	Fence bears N. and S.
60.00	Indian trail. bears N. and S.
80.14	Intersected the N. and S. line 4 links North of Corner to Sections 1. 2. 11. and 12. From which Corner Bears West. on true line. Between Sections 2. and 11.

Variation 10°. 38'. East.

40.00	Set post. for quarter Section Corner. From which

Township 2. North. Range 17. East. of the 6th Principal Meridian.

Chains	
	a White Oak 24 in. bears S. 82½. E. 101 links dist
	a Black Oak 22 in. bears N. 20°. W 60 lks. dist
80.14	The Corner to Sections 2. 3. 10. and 11
	Land. High. rolling. and broken. Soil 2nd rate. fit for Cultivation.
	Timber. W. O. & Bur Oak. Spanish Oak. Lynn. Walnut. Hickory.

North. on random line. Between Sections 2. and 3.
Variation 11°. 30' East.

6.70	Road. (or trail) bears S. E & N. W
11.00	Road. bears N. E. and S. W
40.00	Set post. for temporary quarter Section Corner.
83.20	Ravine. bears N. E. heads. S. W
88.50	Intersected the North boundary of the Township 5.43 links East of Corner to Sections 2. and 3. from which Corner Bears

South. on true line. Between Sections 2. and 3.
Variation 15°. 00' East.

48.50	Set Lime Stone 20 in long 10 in wide. and 4 in thick. for Quarter Section Corner.
88.50	The Corner to Sections 2. 3. 10. and 11.
	Land. High. rolling. and broken. Soil 2nd rate.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

chains

Fit for Cultivation.
Timber - Scattering. B. & W. oak. Hickory. Walnut &c.
Undergrowth Same. hazel & vines
June 26th 1856

North. Between Sections 33. and 34.
Variation 11°. 50. East

10.00 Enter brush. & grove of timber. bearing E. and W
22.00 Leave brush. bearing S.E. and N.W
28.00 Enter brush. bearing S.W. and N.E
36.20 Drain. bears S.W. and N.E
40.00 Set Lime Stone. 18 in long. 14in wide. and 3in thick
For quarter Section Corner.
40.70 Leave brush. bearing N.E. and S.W
73.00 Drain. runs S. of W. heads 6 chs. N.E
80.00 Set Lime Stone. 20 in long. 10in wide. and 5in thick
For Corner to Sections 27. 28. 33 & 34.
Land. high rolling prairie - Soil 1st rate
Timber. W. oak. Hickory. Walnut. & Elm.
Undergrowth. Same. hazel. vines & Sumach.

East. on random line. Between Sections 27. and 34
Variation 11°. 50'. East.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

chains

24.00 Drain. runs S.W. heads 30 chains N.E
40.00 Set post. for temporary quarter Section Corner.
67.00 Drain. runs S.W. 3.00 chs. thence W. of S. heads 20 chs. N.
79.97 Intersected the N. and S. line. 83 links North of Corner to Sections 26. 27. 34. & 35. from which Corner - I. run West. on true line. Between Sections 27. and 34
Variation 11°. 15'. East.
39.982 Set Lime Stone. 17in long 14in wide. and 3in thick
For quarter Section Corner.
79.97 The Corner to Sections 27. 28. 33. and 34.
Land. High. rolling prairie - Soil 1st rate.

North. Between Sections 27. and 28
Variation 11°. 30' East.

40.00 Set Lime Stone. 18in long. 10in wide. and 3in thick
For quarter Section Corner.
46.00 Stream 5 lks. wide. runs W. of S. heads 35 chs. N.E
50.90 Drain. runs S. of E. heads 30 chs. N.W
80.00 Set Lime Stone - 20in long. 9in wide - and 5in thick
For Corner to ~~quarter~~ Sections 21. 22. 27. and 28.
Land. High rolling prairie - Soil 1st rate

Township 2. North. Range 17. East. of the 6th Principal Meridian

Chains	
	East. on random line. Between Sections 22. and 27.
	Variation 11°. 30. East
4.50	Drain. runs E. of S. heads 20 ch. North
25.50	Road. bears E. of S. and W. of N. Summit or Divide between Nemaha and Missouri rivers - about 200 feet above Nemaha river bottom.
40.00	Set post. for temporary quarter Section Corner
66.00	Drain. runs E. of N. heads 25 ch. W. of S.
75.75	Indian trail. bears W. of N. and E. of S.
79.83	Intersected the N. and S. line 64 links North of Corner to Sections 22. 23. 26. 27. From which Corner. I run West. on true line. Between Sections 22. and 27.
	Variation 11°. 01'. East.
39.91½	Set Lime Stone. 20in. long. 14in. wide. and 3in. thick for quarter Section Corner.
79.83	The Corner to Sections 21. 22. 27. and 28
	Land. High rolling prairie - Soil 1st. rate

	North. Between Sections 21. and 22.
	Variation 11°. 30. East.
14.50	Divide (or Summit) Between Nemaha & Missouri rivers

Township 2. North. Range 17. East. of the 6th Principal Meridian.

Chains	
	about 300 feet above Missouri river bottom
35.60	Road bears N. W. and S. E.
40.00	Set Lime Stone. 18in. long. 11in. wide - and 3½in. thick for quarter Section Corner.
70.00	Drain. runs N. E. heads 30 ch. S. W.
80.00	Set Lime Stone. 15in. long. 12in. wide. and 3in. thick. for Corner to Sections 15. 16. 21. and 22.
	Land. High rolling prairie - Soil 1st. rate

	East. on random line. Between Sections 15. and 22
	Variation 11°. 30'. East.
3.60	Drain. runs N. E. 25 ch. thence N.
40.00	Set post. for temporary quarter Section Corner.
44.10	Stream 5 links wide. runs N. W. heads 35 ch. S. E.
66.30	Indian trail. bears S. E. and N. W.
79.83	Intersected the N. and S. line. 105 links North of Corner to Sections 15. 16. 21. and 22. from which Corner. I run West. on true line. Between Sections 15. and 22.
	Variation 10°. 45'. East.
39.91½	Set Lime Stone. 14in. long. 11in. wide, and 3in. thick for quarter Section Corner.

Township 2. North. Range 17. East. of the 6th Principal Meridian

Chains	
49.83	The Corner to Sections 15. 16. 21. and 22.
	Land. high. rolling. Broken. Soil 2nd rate. fit for Cultivation
	Timber Scattering on Creek. B. & W. Oak &c

North. Between Sections 15. and 16.

Variation 10°. 00 East.

40.00	Set Lime Stone. 20in long. 10in wide. and 3in thick
	For quarter Section Corner.
42.70	Road. bears N. E. by N.
80.00	Set Lime Stone. 20in long. 12in wide. and 4in thick
	For Corner to Sections 9. 10. 15. and 16.
	Land. high rolling prairie. soil light Sandy.
	2nd rate. fit for Cultivation.

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

Variation 10°. 00' East.

2.20	Road. bears N. and S.
7.50	Center brush. bears N. W. and S. E.
14.00	Leave brush, bears N. and S. E.
18.00	Center brush. bears N. and S.
24.50	

Township 2. North. Range 17. East. of the 6th Principal Meridian

Chains	
37.90	Winnebago Creek. 20 lks. wide. runs S. of E.
40.00	Set post. for temporary quarter Section Corner.
50.60	Indian trail. bears N. W. and S. E.
53.50	Indian trail. bears E. of N. and S.
59.30	Stream 5 links wide. runs E. of S. E. heads 25 chs. W. of N.
77.40	Stream 1 link wide. runs S. E.
80.42	Intersected the N. and S. line. 1.84 links North of Corner to Sections 10. 11. 14. and 15. from which Corner - I run West. on true line. Between Sections 10. and 15.

Variation. 11°. 29'. East.

40.26	Set post. for quarter Section Corner. from which an Elm 18in in diam. bears S. 10°. E. 3.20 lks. dist
	a B. Walnut 21in in diam. bears S. 52°. W. 2.58 lks. dist
80.32	The Corner to Sections 9. 10. 15. and 16.
	Land. High rolling. and broken. Soil 1st rate.
	Timber. B. & W. Oak. Elm Hickory &c.
	June 29th 1856

North. Between Sections 9. and 10.

Variation 10°. 00'. East.

11.70	Center brush and Scattering timber. bearing S. of E. and N. of W.
16.00	Winnebago Creek 20 links wide. runs S. of E.

Township. 2. North. Range. 17. East, of the 6th Principal Meridian

Chains	
24.60	Leave brush & timber. bearing S. E. and N. W.
40.00	Set Lime Stone. 20 in long. 12in wide - and 3in thick
	For quarter Section Corner.
62.20	Ravine - runs 7. chs. W. to Winnebago Creek. heads 5 chs. E
	~~Head of ravine. runs S. of 20~~
80.00	Set Lime Stone. 22in long. 12in wide. & 3in thick
	for Corner to Sections 3. 4. 9. and 10.
	Land. principally high rolling prairie - Soil 1st rate
	Timber. Scattering on Creek, W. Oak. Walnut. Elm
	Hickory. Undergrowth. Same. hazel. and. vines

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

Variation 10°. 00 East.

5.00	Indian trail. bears W. of N. and E. of S.
40.00	Set post. For temporary quarter Section Corner
46.80	Road. bears N. of E. and S. W.
70.70	Indian trail. bears N. of W. and S. of E.
80.34	Intersected the N. and S. line 149 links South of Corner
	to Sections 2. 3. 10. and 11. from which Corner. I. run
	West. on true line. Between Sections 3. and 10

Variation 11°. 03. East.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
40.17	Set Lime Stone. 22in long. 12in wide. and 4in thick
	For quarter Section Corner.
80.34	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 11°. 30. East.

12.00	Indian trail. bearing W. of N. and E. of S.
18.80	Road bears N. W. and S. E.
28.00	a Ravine heads 3 chs. East. runs N. E.
40.00	Set post. for temporary quarter Section Corner.
44.00	Enter Scattering timber. bearing S. E. and N. W
87.80	Intersected the N. and S. line. 459 links East of Corner
	to Sections 3. and 4. From which Corner. I. run.
	South. on true line. Between Sections 3. and 4.

Variation 14°. 30 East.

47.80	Set Lime Stone. 18in long. 12in wide. and 3in thick
	For quarter Section Corner.
87.80	The Corner to Sections 3. 4. 9. and 10
	Land. High & rolling. S½. Prairie - Soil 1st rate
	Timber. W. & Black Oak. & Hickory.
	Undergrowth. Same. hazel & vines

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian

Chains	
	North. Between Sections 32. and 33.
	Variation 11°. 40'. East.
40.00	Set Sand Stone. 18 in long. 10 in. wide. and 4 in. Thick
	For quarter Section Corner.
80.00	Set Sand Stone. 24 in. long. 16 in. wide. and 4 in. thick
	For Corner to Sections 28. 29. 32. & 33.
	Land. High rolling prairie - Soil 1st. rate

	East. on random line. Between Sections 28 & 33.
	Variation 11°. 40' East.
10.00	Drain. runs S. heads 15 ch. N.
40.00	Set post. for temporary quarter Section Corner
49.35	Indian trail. bears S.W. and N.E
61.00	Ravine. bears S.E. heads 20 ch. N.W
66.50	Road. bears S. of E. and N. of W
75.60	Ravine. bears W. of S. and E. of N.
80.10	Intersected the N. and S. line. 102 links North of Corner to Sections 27. 28. 33 & 34. From which Corner. I run West. on true line. Between Sections 28. and 33.
	Variation 10°. 56'. East.
40.05	Set Sand Stone. 21 in long. 15 in. long. and 4 in. thick

Township. 2. North. Range. 17. East. of the 6th. Principal Meridian.

Chains	
	For quarter Section Corner.
80.10	The Corner to Sections 28. 29. 32. and 33.
	Land. High rolling prairie - Soil 1st. rate
	Timber - Scattering on Stream. B. White Oak. Hickory. Walnut & Elm

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	North. Between Sections 28. and 29.
	Variation 11°. 30' East.
8.00	Road. bears N. of W. and S. of E.
16.20	Road. bears S. W. and N. E
30.00	Timbered Ravine 4 ch. West. runs W. of N.
34.50	Indian trail. bears S. of W. and E. of N.
36.00	head of timbered ravine - bears N. of W
40.00	Set Line Stone 24 in. long. 12 in. wide - and 4 in. thick
	For quarter Section Corner. Indian trail described above bears W. of N
54.50	Center brush. and timber. bearing S. of W. and N. of E
63.15	B. Oak. 12 in. in diam
70.10	B. Oak. 30 in. in diam.
75.60	Drain - or ravine. runs S. of W. heads N. E
80.00	Set Sand Stone. 26 in. long. 10 in. wide. and 4 in. thick
	For Corner to Sections 20. 21. 28. and 29.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	Land. High. and rolling - 3/4 part prairie - Soil 1st rate
	Timber. Principally Black. and W. oak.
	Undergrowth. Same. and hazel.
	East. on random line. Between Sections 21. and 28
	Variation 11°. 00 East.
9.00	Drain. runs S.W. heads N.E
39.50	Leave timber. and brush. bears N.E. and S.W
40.00	Set post. for temporary quarter Section Corner
59.76	Road. bears N.E. and S.W
80.09	Intersected the N. and S. line. 35 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 10°. 45'. East.
40.04½	Set Sand Stone, 20 in long. 12 in wide & 4 in thick
	For quarter Section Corner.
80.09	The Corner to Sections 20. 21. 28. and 29
	Land. high. and rolling. E½. prairie - Soil 1st rate
	Timber. B. & W. oak. Walnut. and Hickory.
	Undergrowth. Same. hazel. and Sumach.
	June 24th 1856

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	North. Between Sections 20. and 21.
	Variation 11°. 20'. East.
22.00	Drain. runs S.W. heads 40 ch. N.E. of N.
36.00	Leave brush. and scattering timber - bears E. of N. & W. by S.
40.00	Set Sand Stone. 22 in long. 12 in wide. and 4 in thick
	For quarter Section Corner.
67.00	Road. bears S.W. and N.E
80.00	Set Sand Stone. 24 in long. 10 in wide. and 5 in thick
	For Corner to Sections 16. 17. 20. and 21
	Land. High and rolling. N½. prairie - Soil 1st rate
	Timber. B. and W. Oak. Walnut. Hickory &c.
	Undergrowth. hazel Vines.
	East. on random line. Between Sections 16. and 21
	Variation 11°. 20'. East.
23.00	Road. bears S.W. to Archer. & N.E. to St. Stephens
40.00	Set post. For temporary quarter Section Corner
50.60	Road. bears E. of S. to Roysferry. and W. of N. to Nebraska City.
61.10	Road. bears N.E. & S.W.
79.82	Intersected the N. and S. line 83 links North of Corner to Sections 15. 16. 21. and 22. From which Corner. I run

Township. 2. North. Range. 1W. East. of the 6th Principal Meridian

Chains	
	West. on true line. Between Sections 16. and 21.
	Variation 10°. 45'. East.
39.91	Set Sand Stone. 17in long. 10in wide. and 4in thick
	For quarter Section Corner.
79.82	The Corner to Sections 16. 17. 20. and 21.
	Land. high rolling prairie - Soil 1st rate

	North. Between Sections 16. and 17.
	Variation 10°. 00' East.
40.00	Set Sand Stone. 20in long. 10in wide. and 3½in thick
	For quarter Section Corner.
40.40	Indian trail. bears W. of S. and E. of N.
80.00	Set Sand Stone. 24in long. 13in wide. and 4in thick
	For Corner to Sections. 8. 8. 16. and 17
	Land. high. rolling prairie. Soil 1st rate

	East. on random line. Between Sections 9. and 16
	Variation 10°. 00'. East.
2.80	Road. bears W. of N. and E. of S.
40.00	Set post. for temporary quarter Section Corner
44.00	Center brush. and scattering timber. bears N. E. and S. W

Township. 2. North. Range. 1W. East. of the 6th Principal Meridian.

Chains	
50.00	Stream. 5 links wide. runs N. E. heads 25 ch. S. W
50.80	Same Stream. runs S. E.
51.30	Same Stream. runs N. E.
61.00	Leave brush &c. bearing S. W. and N. E.
79.78	Intersects the N. and S. line 46 links South of Corner
	to Sections 9. 10. 15. and 16. From which Corner. S. run
	West. on true line. Between Sections 9. and 16
	Variation 10°. 20'. East.
39.89	Set Sand Stone. 21in long. 10in wide. and 3in thick
	For quarter Section Corner.
79.78	The Corner to Sections 8. 9. 16. and 17.
	Land. high. and rolling. principally prairie. Soil 1st rate
	Timber. B. & O. Oak &c. Undergrowth. hazel. vines &c.

	North. Between Sections 8. and 9.
	Variation 10°. 10' East.
4.50	Road. bears W. of N. and E. of S.
33.00	Drain - runs S. E. heads 40 ch. N. W
40.00	Set Sand Stone. 23in long. 16in wide. and 3in thick
	For quarter Section Corner.
80.00	Set ~~Sand~~ Stone. 20in long. 12in wide. and 4in thick.

Township 2. North. Range 17. East. of the 6th Principal Meridian

chains	
	For Corner to Sections 4. 5. 8. and 9.
	Land. high rolling prairie - Soil 1st rate
	East. on random line. Between Sections 4. and 9.
	Variation 10°. 10 East.
27.00	Head of drain (or ravine) 1 chain Sth. - runs S. of E
40.00	Set post. for temporary quarter Section Corner.
50.50	Ravine - runs E. of S. heads W. of N.
78.54	head of ravine - bears S.W.
80.09	Intersected the N. and S. line. 5 links South of Corner to Sections 3. 4. 9. and 10. From which Corner. I. run
	West. on true line. Between Sections 4. and 9.
	Variation 10°. 12. East.
40.04½	Set Sand Stone. 19in long. 11in wide. and 3in thick. For quarter Section Corner. From which a Hickory 19in in diam. bears S. 19½° W = 210 links dist.
80.09	The Corner to Sections 4. 5. 8. and 9.
	Land. high rolling prairie - Soil 1st rate
	Timber. Scattering on ravines. S. W. oak. Elm. Walnut & Hickory
	North. on random line. Between Sections 4. & 5
	Variation 14°. 00 East.

Township 2. North. Range 17. East. of the 6th Principal Meridian.

chains	
2.00	Indian trail. bears N. E. and S. W
20.00	Divide (or Summit) between the Nemaha & Missouri rivers
23.50	Road. bears N. W. and S. E
28.60	head of timbered ravine - bears N. of E.
33.30	Indian trail - bears E. by N. and W. by S.
40.00	Set post. for temporary quarter Section Corner.
42.00	Center timber. bearing N. of W. and S. of E
46.80	W. oak 10in in diam
53.00	Leave timber bears W. of N. and S. of E
86.41	Intersected the North Boundary of the Township. 34 links East of Corner to Sections 4. and 5. from which Corner. I. run
	South. On true line. Between Sections 4. and 5.
	Variation 14°. 15. East.
46.41	Set Sand Stone. 21 in long. 15in wide. and 3in thick For quarter Section Corner.
86.41	The Corner to Sections 4. 5. 8. and 9.
	Land. high. and rolling - ½ prairie - Soil 1st rate
	Timber. principally. Black. and White Oak.
	June 29th. 1856

Township 2. North. Range 17. East. of the 6th Principal Meridian

chains

North. Between Sections 31. and 32.
Variation 11°. 20'. East.

1.90 Drain. bears N. W
9.00 Drain. runs S.W. heads N. E
17.50 Leave brush. and scattering timber. bearing S.W. & N. E
40.00 Set Sand Stone. 19in long. 11in wide. and 3in thick
for quarter Section Corner.
51.50 Stream of pure water 5 links wide. runs N. of W
64.00 Center brush. bears E. and W. of N.
69.52 Hickory 3in in diam.
70.29 Hickory 3in in diam.
75.00 Leave brush &c bears S.W. and N. E.
80.00 Set Sand Stone. 23in long. 13in wide. and 3½in thick
for Corner to Sections 29. 30. 31. and 32.
Land. high. rolling and broken. Soil 2nd rate
Fit for Cultivation.
Timber. Scattering. Black & white Oak. Hickory &c.
Undergrowth. Same. Scrub oak. hazel &c

East. on random line. Between Sections 29. and 32.
Variation 11°. 00'. East.

Township 2. North. Range 17. East. of the 6th Principal Meridian

chains

8.00 Center brush. and scattering timber. bearing N. and S.
14.05 B. Oak. 18in in diam
22.00 Road. bears N. of W. and S. of E.
23.50 a Log house. Stands 2.50 chs. South.
30.50 Ravine. bears W. of N. heads 8 chs. E. of S.
40.00 Set post. for temporary quarter Section Corner.
44.00 Ravine bears W. of N. heads 8 chs. E. of S. Leave
brush. and timber.
57.80 Road. bears S. of W. and N. E.
60.24 Intersected the N. and S. line 14 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 10°. 54'. East.
40.17 Set Sand Stone. 24in long. 12in wide. and 4in thick
for ~~Corner~~ quarter Section Corner.
40.24 The Corner to Sections 29. 30. 31. and 32
Land. high. and rolling. E½. prairie - Soil 1st rate
Timber. Bur. Black. White. and Red Oak.
Undergrowth. Same. hazel. and Sumach.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	West. on random line. Between Sections 30. and 31
	Variation 11°. 00'. East.
19.50	Stream 10 links wide. bears E. of N.
40.00	Set Post. for temporary quarter Section Corner.
70.60	Stream. (Half Breed Creek) bears [illegible] S.
80.25	Intersected the West boundary of the Township 4.80 links
	South of Corner to Sections 30. and 31. –
	Note: having been aware previous to this time, that
	an error existed on this Range line. I had instructions
	from JOHN CALHOUN. Surveyor General of Kansas. and
	Nebraska. Territories. to re-run the line between
	Ranges 16 & 17. East. Township. 2. North. I accordingly
	done so. and made the Corrections. for which see
	field notes of same.
	Having made the Correction. I find
	the falling to be 9 links North of true Corner.
	from which Corner. I run.
	East. on true line. Between Sections 30. and 31.
	Variation 11°. 04'. East.
40.25	Set Sand Stone. 16in long. 16in wide. and 3in thick
	For quarter Section Corner.

Township: 2: North. Range: 17. East. of the 6th Principal Meridian.

Chains	
80.25	The Corner to Sections 29. 30. 31. and 32.
	Land. High. and rolling – Soil 1st rate
	Timber Scattering. B. & W. oak.
	North. Between Sections 29. and 30.
	Variation 11°. 20'. East.
6.70	Road. bears S. of E. and West.
10.90	Enter brush. and Scattering timber. bearing N. W. and E.
20.00	Ravine. bears S. W. and N. of E.
29.00	Leave brush. bears N. E. and S. W.
40.00	Set Sand Stone. 18in long. 14in wide. and 3in thick
	For quarter Section Corner
46.30	Enter brush. bears E. of N. and W. of S.
53.20	Stream 5 links wide. runs S. W.
54.00	Same Stream. runs S. E.
54.40	Same Stream. runs S. W. heads N. E.
60.91	Leave brush. bears N. of E. and S. of W. a Lone w. oak 20in
	in diam. on edge of brush. Stands 5 links west.
67.00	Road. bears N. E. to St. Stephens. S. W. to Archer.
80.00	Set Sand Stone. 20in long. 11in wide. and 3in thick
	For Corner to Sections 19. 20. 29. and 30.

Township. 2. North, Range. 17. East. of the 6th Principal Meridian

chains

Land. high and rolling - Soil 1st rate
Timber - Scattering. B. & W. oak. Hickory. and Walnut.
Undergrowth. Same - hazel & Sumach.

East. on random line - Between Sections 20. and 29.
Variation 11°. 20'. East.

15.30 Road. bears S.W. and N.E.
20.00 Top of ridge - bears N. and S.
40.00 Set post. for temporary quarter Section Corner.
48.00 Enter brush &c. bears S. and W. of N.
74.80 Drain. runs Sth. heads E. of N.
80.17 Intersected N. and S. line 62 lks. North of Corner to Sections 20. 21. 28. and 29. From which Corner - I. run
West. on true line. Between Sections 20. and 29.
Variation 10°. 53'. East.
40.08½ Set Sand Stone. 22in. long. 10in. wide. and 3½in. thick For quarter Section Corner.
80.17 The Corner to Sections 19. 20. 29. and 30
Land. high. and rolling. W. part prairie. E. part. hazel & other brush.
Soil 1st rate. Timber Scattering. B. & W. oak &c.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

chains

West. on random line. Between Sections ~~29~~ 19. and 30.
Variation 11°. 04'. East.
5.80 Ravine. runs S.W. heads 10 chs. N.E. enter brush. Same bearing
11.50 Half Breed Creek 15 lks. wide. runs South.
12.19 Walnut 4in. in diam.
24.76 Hickory 2in. in diam.
39.50 Ravine. runs Sth. E. heads 8 chs. N.W.
40.00 Set post. for temporary quarter Section Corner
41.00 Leave brush bearing N.E. and E. of S.
72.94 Stream 5 links wide. runs E. of S. heads 25 chs. W. of N.
80.34 Intersected the N. and S. line. 18 links North of Corner to Sections 19 & 30. from which Corner I run. ~~East on~~
East. on true line. Between Sections 19. and 30
Variation 10°. 5'. ~~46~~ East
40.34 Set post. for quarter Section Corner. from which an Elm. 14in. in diam. bears N. 61°. E. 44 links dist a Hickory. 6in. in diam. bears S. 19½. E. 25 links dist.
80.34 The Corner to Sections 19. 20. 29. and 30.
Land. High. and rolling - W½. prairie. E½. Timber & brush
Soil 1st rate.
Timber. Scattering. Hickory, Walnut & Elm. W. oak & wild cherry

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

Chains	
	North. Between Sections 19. and 20.
	Variation 11°. 20. East.
40.00	Set Lime Stone. 18in long. 12in wide. and 4in thick. For quarter Section Corner.
44.00	Stream 5 links wide. runs S. W. heads N. E.
63.00	Top of high Knob. about 130 feet above Creek on the West.
80.00	Set Lime Stone. 20in long. 12in wide. and 4in thick For Corner to Sections 17. 18. 19. and 20.
	Land. high rolling prairie. Soil 1st rate
	East. on random line. Between Sections 17. and 20
	Variation 11°. 20'. East.
29.00	head of ravine. runs S. E.
40.00	Set post. for temporary quarter Section Corner in front of timber containing about 8 acres. Stands 5th 8th dist.
71.00	head of drain. runs S. 75 W
72.40	Indian trail. bears S. W. and N. E.
80.05	Intersected the N. and S. line. 83 links North of Corner to Sections 16. 17. 20. and 21. from which Corner. I run
	West. on true line. Between Sections 17. and 20
	Variation 10°. 45'. East.
40.02½	Set Lime Stone. 18in long. 10in wide. and 5in thick

Township. 2. North. Range. 17. East. of the 6th Principal Meridian

Chains	
	For quarter Section Corner.
80.05	The Corner to Sections 17. 18. 19. and 20.
	Land. High rolling prairie. Soil 1st rate.
	West. on random line. Between Sections 18. and 19.
	Variation 11°. 20'. East.
24.80	Half Breed Creek. 15 links wide. runs S.
40.00	Set post. for temporary quarter Section Corner.
80.28	Intersected the West boundary of the Township 38 links South of Corner to Sections 18. and 19. from which Corner. I run
	East. on true line. Between Sections 18. and 19.
	Variation 11°. 04'. East.
40.28	Set Lime Stone. 19in long. 10in wide. and 3in thick For quarter Section Corner.
80.28	The Corner to Sections 17. 18. 19. and 20.
	Land. high rolling prairie. Soil 1st rate.
	Timber scattering on Creek. Ash. Cottonwood. Oak &c.
	June 30th. 1856
	North. Between Sections 17. and 18
	Variation 10°. 00' East.
29.50	Enter brush. bearing S. E. and N. W.

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

38.40	Stream in ravine - 5 links wide. runs S.W. heads 30 chs. N. E
39.50	Leave brush. &c. bearing N. E. and S.W.
40.00	Set Lime Stone, 19in long. 12in wide. and 4in thick
	For quarter Section Corner.
64.00	Enter brush. bearing N. E. and S.W.
67.64	Elm 14in in diam
68.70	Ravine. runs S.W. heads 25 chs. N. E.
78.56	Lynn 30in in diam.
80.00	Set Lime Stone. 20in long. 11in wide - and 3in thick. at forks of ravine
	For Corner to Sections 7. 8. 17. and 18. from which
	an Elm, 8in in diam. bears S. 77° E 16 Links dist.
	an Elm, 16in in diam. bears S. 45° W 34½ Links dist.
	an Elm, 14in in diam. bears N. 23½ W 42½ Links dist.
	a Hickory, 4in diam. bears N. 33° E. 10 Links dist.
	Land. high & rolling - Soil 1st rate
	Timber. Hickory. Walnut. Elm. W. Oak & Lynn.
	Undergrowth. Same. hazel & vines

East. on random line. Between Sections 8. and 17.
Variation 10°. 41' East

0.70	Leave brush & timber. bearing S.W. and N. E

Township. 2. North. Range. 17. East. of the 6th Principal Meridian.

14.30	Ravine. runs S.W. heads 10 chs. N. E.
20.91	Indian trail bears S.W. and N. E
40.00	Set post. for temporary quarter Section Corner.
40.70	head of drain. runs S.W.
80.14	Intersected the N. and S. line 20 links South of Corner to
	Sections 8. 9. 16. & 17. from which Corner. I run.
	West. on true line. Between Sections 8. and 17
	Variation 11°. 00' East.
40.07	Set Lime Stone. 20in long. 12in wide. and 3in thick
	For quarter Section Corner.
80.14	The Corner to Sections 7. 8. 17. and 18.
	Land. high rolling prairie - Soil 1st rate.

West. on random line. Between Sections 7 & 18.
Variation 11°. 05' East.

0.50	Leave brush & timber. - bearing N. E. and S.W.
14.00	ravine - runs S.E. heads 8 chs. N. W.
40.00	Set post. for temporary quarter Section Corner.
	For quarter Section Corner.
44.00	Half Breed Creek 15 links wide - runs E. & S.
82.34	Intersected the West boundary of the Township 26 Links

Township 2. North. Range 1. East. of the 6th Principal Meridian

Chains	
	South of Corner. to Sections 7.4.18. from which Corner, I run East. on true line. Between Sections 7.4.18.
	Variation. 10°. 54'. East.
42.34	Set Lime Stone. 16in. long. 11in. wide. and 4in. thick For quarter Section Corner.
82.34	The Corner to Sections. 7.8.17. and 18.
	Land. High rolling prairie - Soil 1st. rate
	Timber: Scattering on Creek. B. & W. oak

North. Between Sections 7. and 8.

Variation 10°. 10'. East.

2.50	head of ravine - bears Sth.
14.70	~~~
17.40	Ravine. runs N.W. heads 5 ch. S.Es.
24.00	Ravine - runs S.W. heads 10 ch. N.Es
40.00	Set Lime Stone. 20in. long. 15in. wide. and 3in. thick For quarter Section Corner.
52.50	Ravine. runs West. heads 5 ch. Es.
72.75	head of ravine. runs S.W.
80.00	Set Lime Stone. 22in. long. 12in. wide. and 4in. thick For Corner to Sections 5.6.7.8.

Township 2. North. Range 1. East. of the 6th Principal Meridian

Chains	
	Land. high rolling prairie. Soil 1st. rate.
	Timber. Scattering on ravines - B. & W. oak.

East. on random line. Between Sections 5.8.

Variation 10°. 10'. East.

40.00	Set post. for temporary quarter Section Corner.
48.10	Road. bears N.W. and S.Es.
68.30	Indian trail. bears E. of N. and W. of S.
76.56	Indian trail. bears S.W. & N.Es
80.00	Intersected the N. and S. line. 84 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 10°. 46'. East.
40.00	Set Lime Stone. 20in. long. 11in. wide. and 4in. thick For quarter Section Corner.
80.00	The Corner to Sections 5.6.7. and 8.
	Land. high rolling prairie - Soil 1st. rate.

West. on random line. Between Sections 6. and 7.

Variation 11°. 15'. East.

40.00	Set post. for temporary quarter Section Corner.

Township 2 North. Range 17. East. of the 6th Principal Merdn.

Chains	
51.18	Half Breed Creek. 15 links wide. runs E. of S.
84.18	Intersected the West boundary of the Township 16 Links South of Corner to Sections 6 & 7. from which Corner. I run East. on true line. Between Sections 6. and 7.
	Variation 11°. 08'. East
44.18	Set Sand Stone 18in long. 12in wide. and 3in thick For ~~Corner to Se~~ quarter Section Corner.
84.18	The Corner to Sections 5. 6. 7. and 8.
	Land. High rolling prairie - Soil 1st rate

North. on random line. Between Sections 5. and 6.

Variation 14°. 00 East.

40.00	Set post. for temporary quarter Section Corner.
85.57	Intersected the North boundary of the Township 37 links East of the Corner to Sections 5 & 6. from which Corner. I run South. on true line. Between Sections 5 & 6.
	Variation. 14°. 15. East.
45.57	Set Lime Stone. 20in long. 12in wide - and 3in thick For quarter Section Corner.
85.57	The Corner to Sections 5. 6. 7. and 8.
	Land. high - rolling prairie - Soil 1st rate

Township. 2. North. Range. 17. East. of the 6th Principal Merdn.

Meanders of the Right bank of the Missouri River through the Township.

Begin at the Corner to fractional Sections 2. and 35. in the North Boundary of the Township and on the right. and West bank of the river. and run thence down Stream with the Meanders of the Right bank of said river. in fractional Section 2. as follows

Variation 12°. 21. East.

Courses	Distances	
78½. E	5.00	at 1.70 ch. Crossing at St. Stephens' Ferry. at 3.20 Crossing of Spring branch.
S. 56¼. E	2.50	
S. 46. E	3.50	at 1.00 ch. Crossing of Lewis' Ferry.
S. 40¼. E	5.50	
S. 44¾. E	4.00	
S. 39½. E	2.00	
S. 64¼. E	1.40	Bluff rocky bank. Commences
S. 42¾. E	2.00	
S. 47. E	2.00	
S. 49. E	1.70	
S. 23¼. E	1.00	
S. 44¾. E	3.00	

Township 2 North Range 17 East of the 6th Principal Meridian

Course	Distance	
S. 41 E	2.00	
S. 37 E	2.00	
S. 48 E	2.50	
S. 46¾ E	2.10	
S. 33 E	3.50	
S. 40¾ E	5.50	
S. 32 E	1.50	The Corner to fractional Sections 1. and 2 Land. Rocky bluffs. Soil 3rd rate. Unfit for Cultivation Timber. W. Black. Spanish & Bar Oak. Elm. Walnut Hickory. and Lynn.
S. 45¼ E	1.50	Thence in Section 1.
S. 36¼ E	4.00	
S. 48½ E	3.00	
S. 30 E	1.30	
S. 47½ E	2.00	Bluff. bears South.
S. 40¼ E	5.00	
S. 52 E	5.20	
S. 55¼ E	7.00	
S. 58½ E	3.50	
S. 52 E	5.00	
S. 51¼ E	3.50	
S. 50¼ E	2.00	

Township 2 North Range 17 East of the 6th Principal Meridian

Course	Distance	
E	3.00	
¼ E	2.80	
½ E	3.00	
1¾ E	2.50	
4½ E	3.50	
47 E	2.50	
27¼ E	3.50	at 1.90 chs. enter Cornfield. fence bears S. 56° W
34¾ E	6.50	
19¾ E	5.98	The Corner to fractional Sections 1. and 12 Land. principally river bottom. Soil 1st rate
19½ E	11.00	Thence in Section 12.
12¾ E	1.00	
19¼ E	5.00	
23¾ E	6.10	
42½ E	3.50	
18½ E	5.60	
63½ E	5.80	
46 E	4.00	
60½ E	7.00	The Corner to fractional Sections 12. and 7. Land. river bottom. Soil 1st rate. Timber. B & W. Oak. Elm. Walnut Lynn &c.

July 2nd 1856

General Description".

The quality of the land in this Township is mainly of a first rate order. It is principally of that character termed high rolling prairie, and with the exception of the Missouri river bluffs is susceptible of Cultivation. There is but a small quantity of bottom land.

Timber, principally Black. White. Bur. and Red Oak. Walnut. Hickory

Lime and Sand Stone abound on the Bluffs of the River.

The town of St. Stephens is laid out on the N.E. fract. ¼ of Section 2. I did not connect with the lines of said Town. There are but 2 settlements in this Township. one the S.E. ¼ of Section 1. and one on the N.W. ¼ of Sec 3.

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 2. North of the Base Line and Range No. 17 East of the 6th Principal Meridian shewing the respective capacities in which they acted.

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

13 24a

Contract No 124
(May 12 1856)

Tabled

Half Breed Reserve

Field Notes of the Subdivision Lines and Meanders of the Missouri River in Township 3. North. Range 17. East of the 6th Principal Meridian in the Territory of Nebraska

Michael Mc. Manus. Deputy Surveyor

Read No variation by which the meanders were [illegible] given

All Else Complete.

Field Notes of the Subdivision Lines
and Meanders of the Missouri River
in
Township 3. North
Range 17. East
of the
6th Principal Meridian
in the
Territory of Nebraska
Michael McNamus. Deputy Surveyor

Commenced. August 9th 1856 — ~~1856~~
Completed. August 23rd — 1856

List of assistants

H. Clay Kuhn	Compassman
Denis McNamus.	Chainman
William Phillips.	Chainman
Victor New	Flagman
Edward Boyle	Axeman.

Field Notes of the Subdivision lines and Meanders of the Missouri River, in Township 3. North. Range. 17. 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 West Boundary of Section 31.

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 30. and 31

To retrace this line, or run parallel thereto my Compass must be adjusted to a Variation of 11°. 31' East.

Subdivision Commenced August 9th 1856.

North. Between Sections 31. and 32.

Variation 11°. 31' East.

40.00 Set Hickory Post. in Mound. Charred Stake. at Centre point. Trench and pits as per instructions. For quarter Section Corner.

60.50 Military Road. to Nebraska City. N. W. and S. E. to Crows ferry on the Nemaha

80.00 Set Hickory 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 1st rate

Township 3. North. Range 17. East. of the 6th Principal Meridian

chains	
	West. on random line. Between Sections 30. and 31.
	Variation 11°. 31'. East
10.00	head of ravine. bears E. of N.
17.20	Road. bears N.W. to Nebraska City (old Fort Kearney.) and S.E. to St. Stephens. and Dupuys ferry
40.00	Set post. for temporary quarter Section Corner.
79.81	Intersected the West Boundary of the Township. 69 links North of Corner to Sections 30. and 31. from which Corner. I run
	East. on true line. Between Sections 30. and 31
	Variation 12°. 00' East.
39.90½	Set post. in mound. charred Stake at Centre point. Trench and pits as per instructions. For quarter Section Corner. -
79.81	The Corner to Sections 29. 30. 31. and 32.
	Land. High rolling prairie - Soil 1st rate.

	North. Between Sections 29. and 30
	Variation 11°. 35'. East
4.00	Enter brush. and Scattering timber. bearing S.E. and N.W
40.00	Set post. for quarter Section Corner. from which
	a Black Oak. 5in. in diam. bears S.8½ W. 57 links distant
	a. Black Oak. 5in. in diam. bears S.6½ E. 1.61 links distant

Township. 3. North. Range 17. East. of the 6th Principal Meridian

chains	
68.80	Spring branch. 5 links wide. runs S. of E. heads 20 ch. N. of W. 4 of W.
80.00	Set post. in Mound. charred Stake at centre point - Trench. and Pits as per instructions. For Corner to Sections 19. 20. 29. and 30.
	Land. high and rolling - Soil 1st rate.
	Timber Scattering. White. and Black Oak.
	Undergrowth Cane - and hazel.
	August 9th. 1856
	West. on random line. Between Sections 19. and 30
	Variation 11°. 35. East.
40.00	Set post. for temporary quarter Section Corner
70.00	Leave brush. and Scattering timber. bears N.W. and S.E
72.50	Military Road. bears N.W. to Nebraska City. and S.E. to Ays ferry
79.80	Intersected the West boundary of the Township. 73 links North of Corner to sections 19. and 30. from which Corner. I run
	East. on true line. Between Sections 19. and 30
	Variation 12°. 06'. East.
39.90	Set post. in mound. Charred Stake for Centre point. Trench and pits as per instructions - For quarter Section Corner. from which.
	a. Bur Oak 15in. in diam. bears S. 23°. E. 81 links
	No other trees near
79.80	The Corner to Sections 19. 20. 29. and 30.

Township 3. North. Range 17. East. of the 6th Principal Meridian

chains

Land. high and rolling. Soil 1st rate.
Timber Scattering. Black. and W. Oak. Undergrowth Same & hazel

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North. Between Sections 19. and 20.
Variation 12°. 00' East.

32.50 Spring branch. 10 links wide. runs N. of E. heads S. of W

40.00 Set post. for quarter Section Corner. from which.
a. Bur Oak 5in in diam bears West. 18 links
a Black Oak 18in. in diam, bears N. 45½. E 4.93 links

56.50 Elm 12in. in diam

79.93 White Oak 16in. in diam

80.00 Set post. for Corner to ~~four~~ Sections. 17. 18. 19. and 20
from which
a. Black walnut. 16in. in diam. bears S. 51½. W. 9 links distant
a White Oak. 13in. in diam. bears. S. 32. E. 40 links distant
a. Black Oak. 15in. in diam. bears N. 39. E. 2.14 links distant
a. Black Oak. 9in. in diam. bears N. 17. W. 1.42 links distant
Land. High. and rolling - Soil 1st rate.
Timber Scattering. Black. and White Oak. Walnut & Hickory
Undergrowth. Same hazel and vines

Township 3 North. Range 17 East. of the 6th Principal Meridian

chains

West. on random line. Between Sections 18. and 19
Variation 12°. 06' East

40.00 Set post. for temporary quarter Section Corner
80.38 Intersected the West boundary of the Township
94 links north of Corner to Sections 18. and 19. from
which Corner. I run.
East. on true line. Between Sections 18. and 19
Variation 12°. 46' East.

40.19 Set post. for quarter Section Corner. ~~from which Corner,~~ from which
A. Black Oak. 7in. in diam. bears S. 28½ W. 4.77 lks. dist.
A. Black Oak. 18in. in diam. bears N. 15½ W. 7.14 lks. dist

80.38 The Corner to Sections 17. 18. 19. and 20
Land. High. and rolling - Soil. 1st rate.
Timber Scattering. Black. and White Oak. Hickory
Walnut & Lynn. Undergrowth. Same and hazel

North. Between Sections 17. and 18
Variation 12°. 25' East

7.23 Black Oak 15in. in diam.
10.80 Black Oak 16in. in diam.
15.42 Black Oak 21in. in diam.

Township 3. North. Range 1W. East. of the 6th Principal Meridian

Chains	
16.60	Spring branch. 2 links wide. runs S.E. bears 40 chs. N.W
40.00	Set post. for quarter Section Corner. from which
	a. Black Oak. 10in in diam. bears N. 61½ E. 2.67 lks. distant
	a. Black Oak. 15in in diam. bears S. 54½ W. 1.66 lks. distant.
59.50	Indian trail. bears E. of S. and 11°. of N
60.00	Enter Small prairie. bearing N. E. and N. W
78.00	Leave Same prairie, bearing S. E. and S. W
80.00	Set post. for Corner to Sections 7. 8. 17. and 18. from which
	a Black Oak. 15in in diam. bears N. 55½ E. 6 Links dist.
	a Black Oak. 14in in diam. bears S. 70° W. 27 Links dist.
	a. Black Oak. 16in in diam. bears N. 55° W. 31 Links dist.
	a Black Oak. 14in in diam. S. 19° E. 10 Links dist.
	Land. High. and rolling. Soil 1st rate.
	Timber Scattering. but good. Black. and White Oak
	Hickory. Walnut. and Lynn. No undergrowth

West. on random line. Between Sections 7. and 18

Variation 12°. 25'. East.

40.00	Set post. for temporary quarter Section Corner.
49.80	Indian trail. bears N.W. and S.E.
80.45	Intersected the West boundary of the Township

Township 3. North. Range 1W. East. of the 6th Principal Meridian

Chains	
	102 links North of Corner to Sections 7. and 18
	from which Corner - I run.
	East. on true line. Between Sections 7. and 18.

Variation 13°. 09'. East.

40.22½	Set post. for quarter Section Corner - from which
	a. Black Oak. 23in in diam. bears S. 14° E. 1.30 Lks. dist
	a. Black Oak. 9in in diam. bears N. 16. W. 1.25 Lks. dist
80.45	The Corner to Sections 7. 8. 17. and 18
	Land. High rolling. and broken. Soil 2nd rate. fit for Cultn
	Timber. good. Black. and White Oak. Hickory. Walnut
	and Lynn. Undergrowth. Same. hazel. and Vines

August 11th 1856

North. Between Sections 7. and 8.

Variation 12°. 40'. East.

40.00	Set post. for quarter Section Corner. from which
	a. Black Oak 13in in diam. bears S. 38° E. 61 Links dist
	a Shell bark Hickory 9in in diam. bears N. 38° W. 3 Links dist.
47.50	Lynn 22in in diam.
50.41	Elm 12in in diam.
52.00	head of drain. bears E. of N.
66.29	Elm 6in in diam.
78.41	13. Oak. on left bank of ravine 28in in diam.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
80.00	Set post. for Corner to Sections 5.6.7. and 8. from which
	an Ironwood. 7in in diam. bears N. 23° E. 4 Links dist
	an Ironwood. 10in in diam. bears N. 33. W 34 Lks. dist
	Black Walnut. 20in in diam. bears S. 75° W. 88 Lks. dist
	an Ironwood. 8in in diam. bears S. 4° E 41 Lks. dist
	Land. High rolling and broken. Soil 2nd rate fit for Cultivation
	Timber. Black. White and Red Oak. Lynn. Elm. Walnut.
	Hackberry and Ironwood. Undergrowth. Same hazel & vines
	West. on random line. Between Sections 6. and 7
	Variation 13°. 15'. East.
6.28	Trail (Indian) on top of ridge - bears E. of N. and W. of S. about 250 feet above bottom land.
16.60	Train runs N. E. heads S. W
29.05	Indian trail. on top of ridge. bears N. E. and W. of S.
40.00	Set post for temporary quarter Section Corner
56.20	Spring branch 8 links wide. runs W. of N. heads E. of S.
76.50	Ravine. runs N. E. heads S. W.
80.09	Intersected the West boundary of the Township 22 links North of Corner to Sections 6. and 7. from which Corner. I run
	East. on true line. Between Sections 6. and 7.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	Variation 13°. 24'. East.
40.04½	Set post. for quarter Section Corner. from which
	a Bur Oak. 28in in diam. bears S. 34° E. 34 lks. dist.
	a Black Oak. 13in in diam. bears N. 17½ W. 54 lks. dist.
80.09	The Corner to Sections 5.6.7. and 8.
	Land. bluffs. high rolling and broken. Soil 2nd rate part fit for Cultivation.
	Timber. good. Black, White, red and Bur Oak. Hickory Walnut. Lynn and Ironwood. No Undergrowth.
	North. on random line. Between Sections 5. and 6.
	Variation 12°. 35'. East.
0.70	Stream in ravine - runs W. of N 10 lks wide
3.00	Same Stream, runs N. E. "
3.50	Same Stream. runs W. of N. "
8.60	Same Stream. runs N. E "
13.00	Spring branch. 10 lks. wide. runs N. E
25.00	top of bluff. bears S. of E. and N. of W. about 200 feet above bottom land.
34.00	Enter Missouri river bottom land. bearing S. E. and N. W.
34.63	Indian trail. bearing S. E. and N. W. and leaving timber
40.00	Set post. for temporary quarter Section Corner -

Township. 3. North. Range. 17. East. of the 6th Principal Meridian

Chains	
60.25	Indian trail. bearing S.E. and N.W
62.00	Enter Scattering timber. bearing S.E. and N.W
73.25	Road. bears S.E. and N.W.
78.04	Intersected the North boundary of the Township 12 links West. of Corner to Sections 5.&6. from which Corner. I run South. on true line. Between Sections 5 & 6.
	Variation 12°. 30'. East.
38.04	Set post in mound. charred Stake at Centre point. Trench. and pits as per instructions. for Quarter Section Corner. no trees Convenient to mark —
78.04	The Corner to Sections 5. 6. 7. and 8
	Land. part bluff. part bottom land. Soil 2nd rate fit for Cultivation.
	Timber. good. Black. red. and White Oak. Elm Hickory. Walnut. Ironwood. and Elm
	Undergrowth. Same hazel and Vines
	August 12th. 1856.

North. Between Sections 32. and 33

Variation 11°. 33. East.

40.00	Set post for quarter Section Corner. from which a. Bur Oak. 20in in diam. bears S.69°.W. 46 Links dist a. Bur Oak. 36in in diam. bears N.88°.E. 1.40 Links dist

Township. 3. North. Range. 17. East. of the 6th Principal Meridian

Chains	
50.60	Spring branch. 10 links wide. runs N.E. heads S.W
52.80	Same branch runs N.W
54.50	Same branch. runs N.E
80.00	Set post in mound. charred Stake at Centre point - Trench and pits as per instructions. for Corner to Sections 28.29.32 & 33. from which.
	A. Bur Oak. 19in in diam. bears S.21°.W. 199 links dist.
	A. Bur Oak. 24in in diam. bears N.82½.W. 249 links dist.
	no other trees Convenient to mark.
	Land. high. and rolling - Soil 1st rate -
	Timber Scattering. Black & bur Oak. Walnut. Hickory. Elm & Lynn.
	Undergrowth. Same, hazel, and Vines —

West. on Random line. Between Sections 29 & 32

Variation 12°. 00 East.

40.00	Set post. for temporary quarter Section Corner.
74.00	Leave timber & brush, bearing E of S & N. of W
79.71	Intersected the N. and S. line 90 links South of Corner to Sections 29.30.31. and 32 from which Corner. I run East. on true line. Between Sections 29. and 32

Variation 11°. 21'. East.

Chains	
39.85½	Set post for quarter Section Corner. from which a Bur Oak. 37in in diam. bears N. 48° E. 1.07 Links dist a Bur Oak. 26in in diam. bears S. 32° W. 1.78 Links dist.
79.71	The Corner to Sections 28. 29. 32 and 33. Land. High and rolling - Soil 1st rate Timber Scattering. Bur. Black & White Oak. Hickory Walnut. Hackberry. and Elm. Undergrowth. Same. hazel. and Vines

North. Between Sections 28. and 29.

Variation 11°. 33 East.

40.00	Set post in Mound. Charred Stake at Centre point Trench. and pits as per instructions. For quarter Section Corner no trees convenient to mark.
53.38	Bur Oak. 22in in diam
56.63	Bur Oak 32in in diam - a Spring branch 10 links wide. runs East.
80.00	Set an Ironwood post in Mound. Charred Stake at Centre point. Trench. and pits as per instructions. for Corner to Sections. 20. 21. 28. and 29. Land. High & rolling - Soil light & Sandy. 2nd rate. fit for Cultivation Timber Scattering. Bur. White & Black Oak. Elm Lynn &c

Chains	
	West. on random line. Between Sections 20. and 29.

Variation 11°. 20' East.

12.80	Spring branch. 10 links wide - runs S. E
40.00	Set post. for temporary quarter Section Corner.
79.44	Intersected the N. and S. line 11 links North of Corner to Sections 19. 20. 29 & 30. from which Corner. I run East. on true line. Between Sections 20. and 29.

Variation 11°. 24. East

39.72	Set Hickory post in Mound. Charred Stake at Centre point. Trench and pits as per instructions. for quarter Section Corner no trees convenient to mark.
79.44	The Corner to Sections 20. 21. 28. and 29. Land. high. and rolling. part prairie - Soil 1st rate. Timber Scattering. Black. White & Bur Oak Undergrowth. Same. hazel. Sumach & Vines.

North. Between Sections 20. and 21.

Variation 11°. 50' East.

40.00	Set post. for quarter Section Corner. from which a Black Oak. 18in in diam. bears S. 64° E. 3.28 lks. dist a Black Oak. 15in in diam. bears N. 15½ W. 4.09 lks. dist.
66.50	Indian trail. bears S. of E. & N. W.
69.03	Black Oak. 18in in diam.

Township 3 North. Range 17. East. of the 6th Principal Meridian

Chains	
80.00	Set post. for Corner to Sections 16.17.20. and 21. from which a Black Oak 19in. in diam. bears N. 7½ W. 52. lks. dist a Black Walnut 18in. in diam. bears S. 68. E. 32. lks. dist an Elm – 23in. in diam. bears S. 63½ W. 25. lks. dist a Hickory. 12in. in diam. bears N. 13. E. 45. lks. dist Land. High rolling. S½. prairie. Soil 1st. rate Timber Scattering. Black. White & Bur oak. Walnut Elm & Hickory. Undergrowth. Same & hazel. August 14th 1856
	West. on random line. Between Sections 17. and 20 Variation 11°. 25'. East.
29.75	Indian trail. bearing N. W. and S. E.
40.00	Set post. for temporary quarter Section Corner
52.90	Spring branch. 2 links wide in ravine. runs S. E. heads 20 ch. N. E.
69.70	Spring branch 2 links wide. runs S. E.
80.03	Intersected the N. and S. line 54 links North of Corner to Sections 17.18.19 & 20. from which Corner. I run East. on true line. Between Sections 17. and 20 Variation 11°. 48'. East.
40.012	Set post. for quarter Section Corner. from which A. Black Oak. 19in. in diam. bears S. 30½. W 50 lks. dist A. Black Oak. 16in. in diam. bears East. 109 lks. dist

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
80.03	The Corner to Sections 16.17.20. and 21 Land. high. and rolling – Soil 1st rate. Timber Scattering. but good. Black. Bur. white. and red Oak. Walnut. Hickory. Elm. and Lynn. No Undergrowth.
	North. Between Sections 16. and 17 Variation 12°. 20' East.
11.68	Black Oak. 40in. in diam.
13.10	Branch 10 links wide – runs S. of E
22.61	Hickory 3in. in diam.
36.10	Black Oak 20in. in diam.
39.40	Black Oak. 16in. in diam.
39.85	B. Walnut 16in. in diam.
40.00	Set post. for quarter Section Corner. from which a Lynn 8in. in diam. bears S. 89°. W. 20 Links distant a Lynn 20in. in diam. bears N. 81½. E. 64 Links distant
40.14	Stream in ravine – runs E. of S. heads about 20 ch. W. of N
47.10	Black Oak 14in. in diam
56.20	Hickory 5in. in diam
57.20	Black oak. 9in. in diam.
62.66	White oak 8in. in diam.
64.58	Black oak 15in. in diam.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
68.72	Black Oak 18in in diam
80.00	Set post. for Corner to Sections 8.9.16. and 17. from which
	A. Bur Oak, 23in in diam. bears N. 73. E. 33. lks. dist
	A. Black Oak, 28in in diam, bears S. 16. E. 164. lks. dist
	A. Black Oak, 17in in diam, bears S. 26. W. 58. lks. dist
	A. Black Oak, 22in in diam, bears N. 60. W. 101. lks. dist.
	Land. High and rolling. Soil 1st rate.
	Timber. good. Black. White. red. and Bur Oak. Hickory
	Lynn & Walnut. No Undergrowth.

West. on random line. Between Sections 8. and 17

Variation 12°. 10'. East.

13.00	head of ravine (a Spring 1.50 lks. Sth.) runs South
40.00	Set post. for temporary quarter Section Corner.
79.85	Intersected the N. and S. line 65 links South
	of Corner to Sections 7.8.17. and 18. from which Corner. Iron

East. on true line. Between Sections 8. and 17

Variation 11°. 41'. East.

39.92½	Set post. for quarter Section Corner. from which
	a Black Oak. 16in in diam, bears S. 82½. E. 63 lks. dist
	a Black Oak. 17in in diam. bears N. 83. W. 126 lks. dist.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
79.85	The Corner to Sections. 8.9.16. and 17
	Land. High. and rolling. Soil 1st rate
	Timber. good. Black. White. and Bur Oak. Hickory
	Lynn &c. No Undergrowth.

North. Between Sections 8. and 9.

Variation 12°. 30' East.

12.17	Black oak 16in in diam.
12.92	Red Oak 14in in diam.
15.34	Black Oak 22in in diam.
17.23	Black Oak 18in in diam
19.40	Top of high ridge. bears N. 2. 45. W. about 500 feet above Missouri river bottom
35.92	Lynn 20in in diam.
40.00	Set post. for quarter Section Corner. from which
	a white ash. 20in in diam. bears S. 86. E. 45 links dist
	a Lynn, 13in in diam. bears N. 5°. W. 91 links dist
53.00	Top of ridge bears E. of N. 8 W. of S. about 500 feet above bottom land.
75.00	Spring branch in ravine (or gorge) runs E. of N. about 30 feet below
	top of bluff.
80.00	Set post (on Spur of bluff) for Corner to Sections 4.5.8. and 9. from which
	a Red oak 18in in diam. bears N. 75°. E. 41 Links distant
	a Red oak 12in in diam. bears S. 64. W. 60 Links distant.

Chains	
	a Lynn - 15in in diam. bears N. 54. W. 42 links distant
	a Red Oak. 8in in diam. bears S. 22. E. 62 links distant.
	Land. Bluffs. high rolling & broken. Soil 2nd rate
	part fit for Cultivation.
	Timber good. Black. red. white. and Bur Oak. Hickory
	Lynn. Walnut. Elm & Ironwood. No Undergrowth.
	West. on random line. Between Sections 5 & 8
	Variation 11°. 45 East.
32.61	Top of ridge. bearing S. & E. and N. of W. about 450 feet above bottom land
40.00	Set post. for temporary quarter Section Corner.
59.11	Ravine bears N. and S. of E.
72.31	Indian trail. on top of ridge. bears S. of E. & N. of W.
80.21	Stream in ravine. bears N. & S.
80.61	Intersected the N. and S. line 11 links South of Corner to Sections 5. 6. 7. and 8. from which Corner. I run East. on true line. Between Sections 5. and 8
	Variation. 11°. 41'. East.
40.30½	Set post. for quarter Section Corner. from which
	a Bur Oak - 14in in diam. bears N. 21. W 64 links
	a Black Oak. 19in in diam. bears S. 16°. E 2.25 links
80.61	The Corner to Sections 4. 5. 8 & 9.
	Land. Bluffs. high rolling & broken. Soil 2nd rate

Chains	
	part. fit for Cultivation
	Timber good. Black & Bur Oak. Hickory ash &c.
	Undergrowth Same.
	North. on random line. Between Sections 4. and 5
	Variation 12°. 30 East.
4.00	Enter Missouri river bottom land. bearing E. and W
5.80	Leave timber bearing E & W.
15.70	Indian trail. bears S. E. and N. W
28.00	Indian trail bears S. of E. and N. of W
30.00	Indian trail. Same bearing as above
40.00	Set post. for temporary quarter Section Corner.
53.40	Road. bears S. of E. and N. of W. enter timber bearing E. & W
61.60	Indian trail bears E & W
79.66	Intersected the North Boundary of the Township. at the Corner to Sections 4. and 5. from which Corner. I run South. on true line. Between Sections 4. and 5
	Variation 12°. 30 East.
39.66	Set post for quarter Section Corner. from which
	a Hickory. 20in in diam. bears N. 17°. W. 2.58 links dist.
	a B. Walnut. 31in in diam. bears S. 51°. E. 2.89 links dist.
79.66	The Corner to Sections 4. 5. 8 & 9.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	Land. river bottom. Soil 2nd rate. fit for cultivation
	Timber Scattering. Elm. Walnut. Hickory & Willow.
	Undergrowth. Same vines. and dogwood.
	August 15th 1856.
	North. Between Sections 33. and 34.
	Variation 11°. 20' East.
7.85	Bur Oak 40in in diam.
13.40	Spring branch 10 links wide. runs N.E. heads S.W
27.90	Bur Oak 30in in diam.
36.90	Black Oak 12in in diam.
40.00	Set post. for quarter Section Corner. from which
	a Bur Oak. 32in in diam. bears N. 70° E. 87 lks. dist
	a Black Oak. 18in in diam. bears S. 68. W 1.58 lks. dist
80.00	Set post. for Corner to Sections 27.28.33.&.34. from which
	a Black Oak. 12in in diam. bears N. 70° E. 49. lks. dist
	a B. Walnut. 12in in diam. bears S. 32. E. 96. lks. dist
	a Bur Oak. 8in in diam. bears S. 41. W. 1.36 lks. dist
	a Black Oak. 12in in diam. bears N. 66. W. 57 lks. dist
	Land. High & rolling. Soil 1st rate.
	Timber. Black Bur Oak. Walnut. Hickory &c.
	Undergrowth. Same. hazel. Sumach and vines

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chain	
	West. on random line. Between Sections 28. and 33.
	Variation 11°. 20'. East.
24.25	Indian trail. bears W. of N. and E. of S.
34.00	Indian trail ~ bears N. & E. and S. & W
40.00	Set post. for temporary quarter Section Corner.
55.80	Spring branch 10 links wide runs N.
65.70	Spring branch 10 links wide. runs N. of E.
80.00	Intersected the N. and S. line. 31 links South of
	Corner to Sections 28.29.32&33. from which Corner. Iron
	East. on true line. Between Sections 28. and 33
	Variation 11°. 07'. East
40.00	Set post. for quarter Section Corner. from which
	a Black Oak 26in in diam. bears N. 47°. W. 4.44 lks. dist.
	a Cottonwood. 13in in diam. bears S. 16. W. 4.70 lks. dist.
80.00	The Corner to Sections. 27.28.33. and 34.
	Land. high and rolling. park prairie. Soil 1st rate
	Timber Scattering Black. and Bur Oak. Elm. Lynn
	Walnut & Cottonwood.
	Undergrowth. Same. hazel. Vines and dogwood.
	North. Between Sections 27. and 28
	Variation 11°. 10' East.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
23.20	Spring branch in ravine. runs N. E. heads 13. ch. S. W
40.00	Set post. for quarter Section Corner. from which
	a Black Oak. 18in in diam. bears S. 44½ E. 53 Lks. dist
	a Black Oak. 17in in diam. bears N. 82½ W. 91 Lks. dist
65.38	Indian trail. bears E. and W
75.42	W. oak. 12in in diam.
80.00	Set post. for Corner to Sections 21. 22. 27 & 28. from which
	a Black Oak. 24in in diam. bears S. 37 E. 99 Lks. dist
	a Black Oak. 14in in diam. bears N. 41. W. 60 Lks. dist
	a Black Oak. 10in in diam. bears S. 55. W. 25 Lks. dist
	a Black Oak. 13in in diam. bears N. 24. E. 40 Lks dist
	Land, High. and rolling. Soil 1st rate.
	Timber. Scattering, but good. Black. W. & Bur Oak
	Hickory, Walnut &c. Undergrowth Same

West. on random line. Between Sections 21. and 28.

Variation 11°. 10'. East.

4.00	Indian trail bears N. of E. and S. of W
36.30	Spring branch 15 links wide, runs N. E
40.00	Set post. for temporary quarter Section Corner
80.60	Intersected the N. and S. line. 19 links South of
	Corner to Sections 20. 21. 28 & 29. from which Corner. I run

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	East. on true line. Between Sections 21 and 28

Variation 11°. 02'. East

40.30	Set post. for quarter Section Corner. from which
	a Double W. oak. 36in in diam. bears N. 24° W. 13 Lks. dist
	a B. Walnut. 11in in diam. bears S. 40° E. 46 Lks. dist
80.60	The Corner to Sections 21. 22. 27. and 28
	Land. high & rolling. E. part bluffs. W. part prairie
	Soil 1st rate.
	Timber. Black. Bur & W. oak. Walnut. Hickory &c.
	Undergrowth. Same hazel and vines

North. Between Sections 21. and 22.

Variation 11°. 40' East.

2.75	Indian trail. bears N. of E. and S. of W.
3.60	Indian trail. bears N. E. and S. W
5.00	Black Oak 16in in diam
15.64	Elm 12in in diam.
19.50	Spring branch. 15 links wide. runs N. E
19.88	Red Oak 22in in diam
20.32	Indian trail bears N. W. and S. of E. (See Robideau's house)
	ho Stands East. about 8.00 ch. dist.
40.00	Set post. for quarter Section Corner. from which

Township 3. North. Range 17. East. of the 6th Principal Meridian.

Chains	
	a Black Oak. 16in. in diam. bears N. 40. E. 72 links distant
	a Black Oak. 20in. in diam. bears S. 75. W. 52 links distant
47.64	Black Oak 15in. in diam.
47.96	Black Oak 14in. in diam.
58.00	Indian trail, bears W. of N. and E. of S.
59.42	Black Oak 10in. in diam.
68.40	Indian trail bears E. and W
71.60	Lynn 14in. in diam.
72.74	Elm 16in. in diam.
80.00	Set post. for Corner to Sections 15. 16. 21. and 22. from which
	a Red Oak. 28in. in diam. bears, S. 62. E. 28 lks. dist
	a Red Oak. 19in. in diam. bears; S. 55. W. 41 lks. dist
	a Red Oak. 29in. in diam. bears. N. 77. W. 52 lks. dist
	a Hickory. 13in. in diam. bears. N. 75. E. 101 lks. dist
	Land. Bluffy. high rolling & broken. Soil 1st. rate
	Timber. Black. red & white oak. Walnut. Hickory. Lynn
	Elm & Ironwood. Undergrowth Same, hazel. dogwood. plums
	West. on random line. Between Sections 16 & 21
	Variation 11°. 40' East.
40.00	Set post. for temporary quarter Section Corner.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
80.96	Intersected the N. and S. line 87 links South of
	Corner to Sections 16. 17. 20. and 21. from which Corner. True
	East. on true line. Between Sections 16. and 21.
	Variation 11°. 03' East
40.48	Set post. for quarter Section Corner. from which
	a Red Oak. 18in. in diam. bears. N. 58. W. 30 Links dist
	a Red Oak. 13in. in diam. bears. S. 58. E. 38 Links dist.
80.96	The Corner to Sections 15. 16. 21. and 22.
	Land. Bluffy. high. rolling & broken. Soil 1st. rate
	Timber. good. Red. black. and white Oak. Hickory
	Walnut & Lynn. No Undergrowth.
	August 16th. 1856.
	North. Between Sections 15. and 16.
	Variation 12°. 20' East
0.90	Spring branch 10 links wide. runs S. E
1.30	Same branch runs S. W
1.60	Same branch runs E. of S
11.05	White Oak 32in. in diam.
15.21	Black Oak 20in. in diam.
36.07	Red Oak 26in. in diam
40.00	Set post. for quarter Section Corner. from which

Township 3. North. Range 17. East. of the 5th Principal Meridian

Chains	
	a Hickory 5in in diam. bears S. 41½ E. 25 Lks. dist
	a. Hickory 1in in diam. bears N. 10. W. 1.13 Links dist
46.00	Center Missouri river bottom land. bearing W. of N. and E. of S.
56.00	Indian trail. bearing W. of N. and E. of S.
66.32	Elm 26in in diam.
70.08	Elm 15in in diam.
80.00	Set post. for Corner to Sections. 9. 10. 15. and 16. from which
	a W. oak - 19in in diam. bears N. 39. E. 17 links distant
	an Elm - 13in in diam. bears S. 39. W. 95 links distant
	an Elm - 15in in diam. bears S. 44. E. 50 links distant
	a Swamp Oak. 15in in diam. bears N. 34. W. 47 links distant
	Land. S½ bluffs high rolling broken. N½ bottom land
	Soil 2nd rate. fit for Cultivation.
	Timber. Red. Black. and White oak. Elm. Hickory
	Walnut & Lynn. Undergrowth Same hazel & vines

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

Variation 11°. 03' East.

8.20	Indian trail. bears N. & S.
11.00	Leave bottom land. bearing W. of N. and E. of S
18.00	Top of bluff. about 500 feet above Missouri River
	bottom land. (bearing. W. of N. & E. of S)
40.00	Set post. for temporary quarter Section Corner.

Township 3. North. Range 17. East. of the 5th Principal Meridian

Chains	
80.70	Intersected the N. and S. line 27 links North of Corner to
	Sections 8. 9. 16. and 17. from which Corner. Run
	East - on true line. Between Sections 9 & 16.
	Variation 11°. 14'. East.
40.35	Set post for quarter Section Corner. from which
	an Ash 9in in diam. bears S. 1½ E. 18 links distant
	Red Oak 20in in diam. bears N. 33. W. 27 links distant
80.70	The Corner to Sections. 9. 10. 15. and 16.
	Land. principally bluffs. high rolling - and broken
	Soil 1st rate.
	Timber, good. Black. red. white & Bur Oak. Elm. Walnut
	Hickory. Lynn &c. No Undergrowth.

North. Between Sections 9. and 10

Variation 12°. 30' East.

1.19	Elm 18in in diam.
1.34	Swamp Oak 15in in diam.
1.89	Indian trail. bearing N. W. and S. E.
31.48	Elm 29in in diam.
34.68	Elm 23in in diam.
40.00	Set post. for quarter Section Corner. from which

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	an Elm. 19in. in diam. bears N. 37½. W. 24 lks. distant
	an Elm. 18in. in diam. bears S. 5½. E. 44 links distant
46.12	Elm 10in. in diam
74.20	Indian trail. bears N. of E. and S. of W
80.00	Set post in Mound. Charred Stake at Centre point. Trench & pits as per instructions. for Corner to Sections 3.4.9 & 10
	Land. river bottom. Soil 2nd rate. fit for Cultivation
	Timber. Elm. Sycamore. and Cottonwood.
	Undergrowth. Vines. and Sumach.

West. on random line. Between Sections 4 & 9

Variation 11°. 20' East.

Chains	
10.37	Indian trail. bearing N. of E. and S. of W
40.00	Set post for temporary quarter Section Corner.
61.97	Indian trail. bears E. of S. and W. of N.
72.97	Leave bottom land. bearing N. of W & S. of E
76.98	Ravine (Spring branch in it) bears N. of W and S. of E
79.97	Intersected the N. and S. line 52 links North of Corner to Sections 4.5.8. and 9. from which Corner. I run

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

Variation 11°. 42'. East.

Chains	
39.98½	Set post. for quarter Section Corner. from which

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	a Black walnut. 14in. in diam. bears N. 45°. W. 30 lks. distant
	a Bur Oak – 16in. in diam. bears S. 64½. E. 52 lks. distant.
79.97	The Corner to Sections 3.4.9. & 10
	Land. principally bottom land. Soil 1st rate.
	Timber. Elm. Black & white Oak.
	Undergrowth. Same and Vines –

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

Variation 12°. 30' East.

Chains	
3.30	Enter Cornpatch. bears N. E. and S. W.
5.60	Leave Cornfield. Same bearing
8.80	Road. bears S. E. and N. W
40.00	Set post. for temporary quarter Section Corner.
58.00	Indian trail. bears S. E. and N. W.
58.65	Indian trail. bears E. and W.
79.84	Intersected the North boundary of the Township 21 links West of Corner to Sections 3. and 4. from which Corner. I run

South. on true line. Between Sections 3 & 4.

Variation. 12°. 21'. East.

Chains	
39.84	Set Lime Stone. 17 inches long. 16in. wide. and 3in. thick For quarter Section Corner.
79.84	The Corner to Sections 3.4.9. and 10.
	Land. river bottom. Soil light & Sandy. 2nd rate Fit for Cultivation –

Township 3. North. Range 17. East. of the 5th Principal Meridian

Chains	
	Timber. Scattering. Cottonwood. Elm & Willow.
	Undergrowth. Same. dogwood. Wahoo, vines &c.
	August 18th. 1856.
	North. Between Sections 34. and 35
	Variation 11°. 10' East.
28.50	Black Oak 14in. in diam.
40.00	Set post. for quarter Section Corner. from which
	a Black oak - 18in. in diam. bears S. 87°. E. 47 lks. dist
	a Double Black Oak 18in. in diam. bears S. 77½ W. 168 links dist
40.20	a Shell bark Hickory 15in. in diam
47.50	a Black 18in. in diam.
51.96	a Black Oak 22in. in diam: top of bluff. 150 feet above bottom land
66.00	Center Missouri River bottom land. bearing S.E & N.W
66.31	Cottonwood 42in. in diam
68.02	Elm. 12in. in diam
69.10	Indian trail. bears S.E & N.W
80.00	Set post. for Corner to Sections 26.27.34&35. from which
	an Elm, 16in. in diam. bears N. 45°. W. 53 lks. dist
	an Elm, 12in. in diam. bears S. 48°. E. 47 lks. dist
	an Elm. 24in. in diam. bears S. 37°. W. 150 lks. dist
	an Elm. 24in. in diam. bears N. 31°. E. 137 lks. dist

Township 3 4. North. Range 17. East. of the 5th Principal Meridian

Chains	
	Land. principally bluffs. high rolling & broken. part bottom land. Soil 2nd rate. fit for Cultivation
	Timber. Scattering. but good. Black. Bur. white. and Red Oak. Elm Hickory Walnut. Cottonwood & Sycamore
	Undergrowth - Same
	West. on random line. Between Sections 27. & 34.
	Variation 11°. 10' East
0.09	Indian trail. bears W. of S. and E. of N.
8.50	Leave bottom land bearing S.E. & N. W
11.20	Top of bluff. bears N. W 45 R. about 200 feet above bottom land
15.30	Spring branch 3 links wide in ravine. runs N. E
16.00	Same branch. runs S. of W
16.50	Same branch. runs N. E
40.00	Set post for temporary quarter Section Corner.
79.75	Intersected the N. and S. line 9 links north of Corner to Sections 27.28.33&34. from which Corner. Drove East. on true line. Between Sections 27 and 34
	Variation 11°. 14'. East
39.87½	Set post. for quarter Section Corner. from which
	a Black oak. 10in. in diam. bears N. 68°. W 73 lks. dist
	a Black Oak. 20in. in diam. bears S. 25½. W 322 lks. dist

Chains	
79.75	The Corner to Sections 26.27.34 and 35
	Land Bluffs high rolling & broken. Soil 2nd rate
	Fit for Cultivation.
	Timber, Good. Black. Bur. White and Red Oak. Elm
	Walnut. Hickory. Lynn & Cottonwood.
	Undergrowth. Same. hazel and Vines

North. Between Sections 26 and 27
Variation 11° 10' East.

0.20	Indian trail. bears N.E & S.W
0.33	Elm. 20in in diam.
1.32	Cottonwood 61in in diam.
22.00	Indian trail. bears N.W & S.E
40.00	Set post. for quarter Section Corner. from which
	an Elm. 14in in diam. bears N.39.E. 4.93 lks. dist
	an Elm. 20in in diam. bears S.60.W. 1.15 lks. dist
67.60	Indian trail. bears S of E. and N of NW
69.50	Enter Corn patch bearing E. and W.
77.60	Leave Corn field, bearing E. and W.
80.00	Set post. for Corner to Sections 22.23.26 & 27. from which
	a Sycamore. 43in in diam. bears N.39.W. 98 lks. dist.

Chains	
	an Elm. 38in in diam. bears S.53.E. 3.43 lks. dist
	an Elm. 17in in diam. bears N.31.E 0.99 lks. dist
	an Elm. 31in in diam. bears S.65.W 2.54 lks. dist
	Land. river bottom. Soil 1st rate
	Timber Scattering. Elm & Cottonwood. No Undergrowth.

West on random line. Between Sections 22 & 27.
Variation 11° 15' East.

16.50	Indian trail. bears S.E & N.W
27.65	Indian trail. bears W. of N. and E. of S.
36.30	Spring branch (sinks at this point) heads W. of N.
40.00	Set post. for temporary quarter Section Corner.
45.10	Indian trail. bears N.W. and S.E.
47.40	Leave bottom land. bearing N.W & S.E
54.80	Trail on top of bluff. about 250 feet ~~above~~ above
	bottom land. bearing N & S.
79.39	Intersected the N. and S. line. 34 links North of Corner
	to Sections 21.22.27 and 28. from which Corner. Run
	East, on true line. Between Sections 22 and 27.
	Variation 11° 30' East.
39.69½	Set Sand Stone. 15in long. 12in wide. and 6in thick
	For quarter Section Corner.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
79.39	The Corner to Sections. 22. 23. 26. and 27.
	Land. part bottom, part bluff. Soil 2nd rate.
	Fit for Cultivation.
	Timber. B. Oak. Elm. Bur. and W. Oak. & Cottonwood
	Elm. Same. hazel bines & willow.

North. Between Sections 22. and 23

Variation 11°. 40' East.

17.10	Indian trail. bearing N. of E. and S. of W
20.97	Elm 8in. in diam.
25.71	Elm 10in. in diam.
30.94	Elm 14in. in diam
33.18	Indian trail. bearing S. of E. and N. of W
33.64	Sycamore 18in. in diam.
33.94	Set post. on right bank of the Missouri river for Corner to fractional Sections 22 & 23. from which an Elm. 8in. in diam. bears S. 86 E. 13 lks. dist an Elm. 14in. in diam. bears N. 63 W. 72 lks. dist. Land. River bottom. Soil Sandy. 2nd rate. fit for Cultivation. Timber Scattering. Elm. Cottonwood. Sycamore & Box Elder. Undergrowth. Same. and Vines.

August 20th 1856.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
	From the Corner to Sections. 15. 16. 21. and 22. Run East. on true line Between Sections 15 & 22 Knowing that it will strike the right bank of the Missouri river in less than 80.00 chains.

Variation 11°. 40' East.

1.50	Spring branch. 15 links wide. runs S. to.
11.50	Top of bluff. bears N. & S. about 150 feet above bottom land.
14.00	Enter bottom Land. bearing E. of S. and W. of N.
18.10	Indian trail. bears E. of S. and W. of N.
35.07	Set post. on the right bank of the Missouri river for Corner to fractional Sections. 15 & 22. from which a Cottonwood 12in. in diam. bears S. 47½ W 95 lks. dist a Cottonwood 8in. in diam bears N. 61¼ W. 45 lks. dist. There is a small island in the Missouri river opposite this Corner. To ascertain the distance across the Slough. I send my flagman across who sets the flag on the West side of the island and in the line. Between Sections 15. and 22. and chain across (Slough 1 foot of water) distance being 2.22 chain
37.29	Set post in Mound (on left bank of Slough. and W. side of island) with charred stake at centre point. Trench

Chains	
	and pit. as per instructions. for Corner to Fractional Sections 15. and 22
40.00	Set post in Mound. charred Stake at Centre point French spits as per instructions. For quarter Section Corner.
43.40	Set post in Mound. Charred Stake at Centre point French spit as per instructions. on East Side of Island. for Corner to fractional Sections 15 & 22. Land. part bluff. part bottom - Soil 2nd rate. fit for Cultivation. Timber Oak. Cottonwood & willow. Undergrowth, Same.

Field Notes of the Meanders of the Small island described on page 35.

Begin at the Corner to fractional Sections 15. and 22. on the East Side of the island. Thence down Stream in Section 22. as follows

S. 13½° E	7.00	to foot of island. Thence up Stream on West Side of island.
N. 48¾. W	10.36	The corner to fractional Sections 15 & 22.
N. 49¾. W	3.50	Thence in Section 15
N. 26¾. W	9.00	

Chains		
N. 16°. W	8.00	
N. 2½. E	5.50	
N. 80½. E	4.50	head. or upper end of island.
S. 80. E	0.60	Thence down Stream. on E. Side of island.
S. 59. E	1.50	
S. 39½. E	5.50	
S. 24. E	5.50	
S. 15. E	5.60	
S. 10¾. E	3.90	
S. 15. E	1.70	
S. 1¼. E	3.22	The Corner to fractional Sections 15 and 22. and place of beginning

Land. Level. Soil Sandy. 3rd rate. unfit for Cultivation. Subject to inundation to a depth of 3 or 4 feet.

Timber. a dense growth of young Cottonwood & willow

43.40
37.29
6.11

From the Corner to Sections 9. 10. 15 and 16. Drun. East. on true line. Between Sections 10 & 15. knowing that it will Strike the right bank of the Missouri River in less than 80.00 chains

Variation 12°. 26'. East.

Township 3. North. Range 17. East. of the 6th Principal Meridian

chains	
2.70	Indian trail. bears S.E. & N.W
5.22	Elm 18in. in diam.
11.35	Elm 22in. in diam.
14.00	Swamp oak. 5in. in diam
19.59	Indian trail. bears N. and S.
22.41	Cottonwood 32in. in diam.
23.54	Cottonwood. 42in. in diam.
25.65	Indian trail bears S.W & N.E
30.77	Set post. on the right bank of the Missouri River for Corner to fractional sections 10. and 15. from which a Willow. 9in. in diam. bears N.31.W 30 LKs. dist
(marked B.T)	a Willow. 6in. in diam. bears S.78.W 10 LKs. dist
	a Willow. 6in. in diam. bears S.24½.E 26 LKs. dist
	Land river bottom (level) Soil 2nd rate Sandy fit for Cultivation.
	Timber. Elm. Cottonwood. Willow. Sycamore &c.
	Undergrowth. Same

From the Corner to Sections 3. 4. 9. and 10. Run East. on base line. Between Sections 3 & 10. Knowing that it will strike the right bank of the Missouri River in less than 80.00 chains –

Township 3. North. Range 17. East. of the 6th Principal Meridian

chains	
	Variation 12°. 30' East
7.00	Indian trail. bears N.E. and S.W
33.00	Indian trail. bears W. of S. and E. of N.
33.80	Set post in Mound. Charred Stake at Centre point. French and fit as per instructions. on the right bank of the Missouri River. for Corner to fractional sections 3 & 10.
	Land. Level. river bottom. Soil Sandy. 2nd rate. fit for Cultivation
	Timber Scattering. Elm & Cottonwood.
	Undergrowth. Same. dogwood. and Vines.

From the Corner to Sections 26. 27. 34. and 35. Run East. on true line. Between Sections 26 & 35. Knowing that it would strike the ~~left~~ right bank of the Missouri River in less than 80.00 chains.

Variation 11°. 10'. East.

3.42	Edge of Swamp bears N.E. and E. of S.
9.76	East Edge of Same.
18.33	Indian trail. bears E. of S. and W. of N.
40.00	Set post. for quarter section Corner. from which. A. Cottonwood, 16in. in diam. bears N.25.E 1.90 LKs. dist. A. Cottonwood. 13in. in diam. bears S.5½.E 2.67 LKs. dist.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains	
41.16	Cottonwood 12in in diam.
69.88	Cottonwood 18in in diam.
71.29	Set post. for Corner to fract. Sections 26. and 35. on the ~~left~~ right bank of the Missouri River. from which a Cottonwood 8in in diam. bears N. 29½. W. 2.98 Lks. dist a Cottonwood 11in in diam. bears S. 77. W. 3.41 Lks. dist Land level, river bottom. Soil light & Sandy. 3rd rate fit for Cultivation. Timber. Cottonwood. Undergrowth same. dogwood & vines & willow

From the Corner to Sections 22. 23. 26. and 27. Town East. on true line. Between Sections 23. and 26. Running West it will strike the right bank of the Missouri river in less than 80.00 Chains.

Variation 11°. 10' East.

18.23	Elm, 20in in diam
40.00	Set post. for quarter Section Corner. from which Elm, 26in in diam. bears S. 61½. W. 36 Links distant Elm, 36in in diam. bears N. 23½. W. 1.01 Links distant
42.78	Set post. on the right bank of the Missouri river. For Corner to fractional Sections 23. & 26. from which an Elm — 32in in diam. bears S. 4½. E. 1.25 Lks. dist - a Cottonwood 58in in diam. bears N. 72½. W. 1.72 Lks. dist.

Township 3. North. Range 17. East. of the 6th Principal Meridian

Chains

Land level river bottom. Soil 1st rate
Timber Scattering Elm Cottonwood. Undergrowth Dogwood Vines

August 21st 1856

Meanders of the right bank of the Missouri River through the Township.

Begin at the Corner to fractional Sections 3 & 34. in the North Boundary of the Township. and on the right. and West bank of the Missouri river. and run thence down Stream with the Meanders of the right bank of said river. in fractional Section 3. as follows.

Variation 11°. 31'. East.

Courses	Distances
S. 50½. E.	1.50
S. 25½. E.	2.20
S. 29¼. E.	2.50
S. 19¼. E.	2.50
S. 16¼. E.	1.80
S. 15. E.	7.00
S. 35¾. E.	1.40
S. 18¾. E.	3.50
S. 16¼ E.	4.30
S. 18½. E.	3.30
S. 20. E.	3.80
S. 12¼ E.	3.50

Township 3. North. Range 17. East. of the 6th Principal Meridian

~~Chains~~ Courses	Distances	
S. 14¼ E	2.60	
S. 42¼ E	1.20	
S. 18¼ E	2.80	
S. 45¼ E	1.50	
S. 26½ E	2.30	
S. 13 E	10.00	
S. 14 E	12.00	
S. 6 W	11.00	at 2.80 ch. Hawks & Dillons Ferry
S. 19½ W	3.49	The Corner to fractional Sections 3 & 10
	84.19	Timber. Cottonwood & willow
S. 4¼ E	5.30	Thence in Section 10
S. 5½ W	11.00	
S. 5¼ W	10.00	
S. 5½ W	10.20	
S. 9 E	5.50	
S. 8¼ E	11.00	
S. 4½ W	7.00	
S. 2 E	3.00	
S. 1½ W	1.50	
S. 16 E	1.50	
S. 8¼ W	2.20	
S. 7¾ W	1.60	
S. 8 W	1.80	
S. 13 W	1.60	
S. 11 W	2.80	

Township 3. North. Range 17. East. of the 6th Principal Meridian

~~Chains~~ Courses	Distances	
S. 10¼ W	3.00	Land Level. river bottom. Soil 2nd rate. fit for Cultivation
S. 15¼ W	1.87	The Corner to fractional Sections 10 & 15
	50.87	Timber. Cottonwood & willow
S. 19½ W	1.30	Thence in Section 15.
S. 3¼ E	1.30	
S. 14½ E	0.70	
S. 1½ W	1.50	
S. 13¼ W	2.60	
S. 1½ W	4.60	
S. 15 W	2.00	
S. 4¼ W	2.20	
S. 9½ W	2.30	
S. 10¼ W	3.00	
S. 3½ W	1.30	
S. 5¾ W	4.00	
S. 17¼ W	4.50	
S. 5¾ W	5.80	
S. 1½ E	4.00	
S. 2¾ E	1.80	
South	0.70	
S. 2¾ W	0.80	
S. 0½ E	2.30	
S. 24¼ E	2.20	
S. 3¾ E	12.60	
S. 7½ E	3.50	
S. 17 E	5.00	
S. 23½ E	4.30	

Township 3. North - Range 17. East. of the 6th Principal Meridian

~~Chains~~ Courses	Distances	
S. 25¼ E.	4.50	
S. 39¾ E.	3.38	The Corner to fractional Sections 15 and 22.
	82.18	August 22nd 1856
S. 50¼ E.	1.00	Thence in Section 22
S. 45½ E.	1.30	
S. 47¼ E.	4.00	
S. 49 E.	9.00	
S. 46 E.	4.50	
S. 32 E.	10.00	
S. 31½ E.	8.00	
S. 32¼ E.	7.00	
S. 53¾ E.	3.00	
S. 51¾ E.	4.50	
S. 53¾ E.	8.50	
S. 56 E.	3.52	The Corner to fractional Sections 22 & 23
	64.32	Land level. Soil 2nd rate. fit for Cultivation
S. 62¾ E.	5.40	Thence in Section 23.
S. 54 E.	7.50	
S. 66½ E.	4.30	
S. 54½ E.	4.80	
S. 50 E.	6.80	
S. 47 E.	4.00	Banks washing away.

Township 3. North. Range 17. East. of the 6th Principal Meridian

~~Chains~~ Courses	Distances	
S. 46½ E.	11.00	
S. 45¾ E.	6.30	
S. 39½ E.	5.10	The Corner to Sections 23. and 26.
	55.20	
S. 44 E.	3.60	Thence in Section 26.
S. 35¾ E.	5.00	
S. 47 E.	2.70	
S. 21 E.	2.00	
S. 30 E.	4.00	
S. 25¾ E.	8.50	
S. 30¾ E.	9.10	
S. 37 E.	5.00	
S. 30¾ E.	7.00	
S. 31 E.	5.80	
S. 20½ E.	5.00	
S. 17¾ E.	6.30	
S. 6½ E.	8.50	
S. 6¾ W.	5.50	
S. 14¾ W.	8.50	
S. 23 W.	4.00	The Corner to fract. Sections 26 & 35
	90.50	Timber. Cottonwood & Elm.

Township 3. North. Range 17. East. of the 6th Principal Meridian

~~Chains~~ Courses	Distances	
S.10.E	4.00	Thence in Section 35
S.25½.W	7.00	
S.14½.W	3.80	
S.20½.W	5.50	Banks washing away
S.25½.W	6.00	
S.30.W	14.50	
S.14½.W	3.00	
S.25½.W	2.30	
S.35½.W	13.00	
S.25½.W	12.00	Bluffs. bearing S.37.E & N.37.W
S.37.E	11.00	
S.20½.E	3.00	
S.10½.E	3.19	The Corner to fractional Sections 35 & 2.
	89.29	Land level bottom land, Soil sandy 3rd rate
Total = 54 ch. 55 lks		August 23rd 1856

General Description.

The quality of the land in this Township is principally of 1st rate order. It is considerably broken, but the Soil is rich. There is a fair proportion of rich bottom land bordering on the Missouri River.

Township 3. North. Range 17. East. of the 6th Principal Meridian

~~Chains~~

Timber. Chiefly. Black. white. Burr Red oak. Hickory Walnut & Hackberry on the uplands. Cottonwood. Sycamore and willow in the bottom land.

Lime Stone rock abounds on the bluffs. bordering on the bottom land.

There are indications of Coal being in the ravines ~~at~~ near the Corner to Sections 4.5.8 & 9.

There is but one settlement in the Township. on the S.W.¼. of Section 22.

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. 3 North of the Base. of Range No. 17. 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.

4 Exd Torry of Doyle

Contract No. 124

(May 12 1856)

(Tabled)

Half Breed Indian Res.

Field Notes of the Subdivision Lines and Meanders of the Missouri River in Township 4. North Range 17. East in the Territory of Nebraska

Michael Mc. Manus. Deputy Surveyor.

Date of Contr. May 12th 1856 No. 124

Exd. Jan 15th 1857

Field Notes of the Subdivision Lines
and Meanders of the Missouri River.
in
Township 4. North
Range 1W. East.
of the
6th Principal Meridian
in the
Territory of Nebraska
Michael Mc. Manus. Deputy Surveyor

Commenced. August 13th 1856
Completed. August 19th 1856

List of assistants

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

Field notes of the Subdivision Lines. and Meanders of the Missouri river in Township 4. North. Range 1W. 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. and 1W. East. and run North. on a blank line. along the West boundary of Sec. 31

Variation 12°. 30' East.

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

74.54 To a point 11 links East. of Stone marked for Corner to Sections 30. and 31.

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

Subdivision Commenced August 13th 1856
From the Corner to Sections 5. 6. 31. and 32. on the South boundary of the Township. I run. North. Between Sections 31. and 32

Variation 12°. 35'. East.

1.06 Elm 26in in diam.

20.53 Bur Oak 26in in diam.

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

40.00 Set post. for quarter Section Corner. from which A. Red Oak 56in in diam. bears N. 76°. E. 1.75 lks. dist

Township. 4. North. Range. 17. East. of the 6th Principal Meridian

chains	
	Red Oak. 40in. in diam. bears N. 77°. W. 1.17 links distant
53.55	Indian Trail. bears S. of E. and N. of W.
54.10	Road. bears S. of E. and N. of W
55.20	Set post. on the right bank of the Missouri River for Corner to fractional Sections 31. and 32. from which a White Oak. 18in. in diam. bears S. 45°. E. 32 links distant a Coffee Nut. 9in. in diam. bears S. 57½. W. 100 links distant Land. Level. river bottom - Soil 1st. rate Timber. good. Black. red. Bur. and white Oak. Elm & Sycamore Undergrowth. Same. vines. Cedar. and wahoo.

North. Between Sections 32. and 33.
Variation of 12°. 35'. East.

26.77	Elm 29in. in diam.
37.83	Elm 18in. in diam.
40.00	Set post. for quarter Section Corner. from which an Elm - 14in. in diam. bears S. 57½ E. 74. links distant a. Sycamore 32in. in diam. bears N. 48½. W. 2.23 links distant
59.20	Indian trail. bears S. of E. and N. of W.
62.25	Indian trail. bears S. of E. and N. of W.
62.56	Set post. ~~for quarte~~ on the right bank of the

Township. 4. North. Range. 17. East. of the 6th Principal Meridian

chains	
	Missouri River. for Corner to fractional Sections 32. and 33. from which. an Elm - 14in. in diam. bears S. 77½. E. 74 lks. dist. a Sycamore. 28in. in diam. bears S. 68 E. 75 lks. dist. Land. Level. river bottom - Soil 2nd. rate. Fit for Cultivation. Timber. Elm. Cottonwood. Sycamore & Hack berry. No Undergrowth.

North. Between Sections 33. and 34
Variation 12°. 35'. East.

32.78	Cottonwood 3in. in diam
33.03	Set post. on the right bank of the Missouri River for Corner to fractional Sections 33. and 34. from which a. Cottonwood. 5in. in diam. bears S. 40°. W. 10 links distant a. Cottonwood. 3in. in diam. bears S. 6°. E. 32 links distant Land. Level river bottom. Soil light and Sandy 2nd. rate. fit for Cultivation Timber. Cottonwood. and Willow Undergrowth. Same. vines. dogwood and wahoo

August 13th. 1856.

Township. 4. North. Range. 17. East. of the 5th Principal Meridian

Meanders of the right bank of the Missouri river. through the.

Township.

Begin at the Corner to fractional Sections 3. and 34. on the South boundary of the Township. and on the right. and South bank of the Missouri river. and run thence up Stream. with the Meanders of the right bank of said river in Fractional Section 34. as follows. viz.

Variation 12°. 35'. East.

Courses	Distances
N. 4½ W	2.35
N. 20¾ W	3.00
N. 29½ W	2.20
N. 17. W	3.00
N. 14¾ W	4.50
N. 16½ W	3.50
N. 35½ W	2.90
N. 26½ W	3.00
N. 32½ W	4.70
N. 25½ W	5.50

Township. 4. North. Range. 17. East. of the 5th Principal Meridian

Courses	Distances	
N. 42½ W	1.80	The Corner to fractional Sections 33. and 34. Land. Level, river bottom. Soil Sandy. 2nd rate. Fit for Cultivation Timber. Cottonwood & Willow. Undergrowth. Same. vines. dogwood &c.
		Thence in Section 33.
N. 16. W	2.60	
N. 33. W	6.50	
N. 5½ W	4.70	
N. 50. W	5.00	
N. 57¼ W	3.50	
N. 54. W	17.00	
N. 75½ W	10.00	at. 1.00 chain an Indian wigwam on bank of river
N. 87¼ W	1.80	
N. 85. W	3.20	
N. 83. W	3.50	
S. 83. W	3.00	
N. 89¾ W	5.00	
N. 67¾ W	1.90	
S. 75¼ W	1.70	Banks washing away.

Township 4. North. Range 17. East. of the 6th Principal Meridian

Course	Distance	
N. 89. W	2.20	
N. 77¼ W	2.00	
S. 89¼ W	4.20	
N. 89. W	3.10	
N. 89½ W	4.00	
S. 83¼ W	3.50	
S. 81¼ W	3.10	The Corner to fractional Sections 32. and 33
	91.50	Land. Level, river bottom. Soil Sandy. 2nd rate. fit for Cultivation. Timber. Cottonwood. Elm. Sycamore. Hackberry &c. Undergrowth. Same. dogwood &c.

Thence in Section 32.

S. 79½ W	6.50	
S. 68½ W	4.00	
S. 77. W	5.50	
S. 88. W	2.50	
S. 75¼ W	8.30	Banks of river washing a way.
S. 84¾ W	5.70	
S. 85½ W	7.40	
N. 88½ W.	8.30	

Township 4. North. Range 17. East. of the 6th Principal Meridian

Course	distance	
S. 85½ W	3.50	
S. 86. W	11.30	
N. 83¾ W	8.50	
N. 87½ W	8.90	The Corner to fractional Sections 31. and 32.
	80.40	Land. Level, river bottom. Soil 2nd rate. fit for Cultivation. Timber Oak. Cottonwood. Elm & Sycamore. Undergrowth. Same. dogwood vines &c.

Thence in Section 31

N. 85. W	4.40	
N. 74½ W	1.50	
N. 82½ W	4.50	
S. 63. W	1.50	
N. 86. W	3.00	
N. 74. W	2.70	
N. 65¾ W	1.20	
N. 75. W	2.80	
N. 79½ W	7.20	
N. 81¼ W	5.30	
S. 88½ W	2.50	

Township 4. North. Range 1st. East. of the 6th Principal Meridian

Courses	Distances.	
N. 76½ W	3.00	
N. 82 W	1.90	
N. 75½ W	2.50	
N. 67 W	6.60	
N. 62½ W	4.00	
N. 65½ W	2.00	
N. 68 W	6.70	
N. 61 W	4.50	
N. 76½ W	5.20	
N. 74 W	2.40	
N. 65½ W	2.80	
N. 76 W	1.80	
N. 50½ W	3.72	The Corner to fractional Sections 31. and 36.
	83.72	Land Level. river bottom. Soil 1st rate
		Timber. Black. red. Bur & white oak. Elm & Sycamore
		Undergrowth. Same lines Elder and Wahoo.
		August 19th. 1856.

Total 292.07 chs

Township 4. North, Range 1st. East. of the 6th Principal Meridian

General Description

The land in this Township is Level bottom land. of an average quality. principally 2nd rate Soil. (light and Sandy)

Timber. chiefly. Black white Bur & Red Oak in Section 31 Elm. Sycamore. Cottonwood & willow in the Eastern part of the Township,

There are no Settlements in this Township.

A List of the names of the individuals employed to assist in running. measuring. & marking the lines. and Corners described in the foregoing field notes of Township No. 4. North. of the Base Line of Range No. 1st. 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.

General Land Office • Original Field Notes

Book Number

128

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.