

The Judson Map of Wisconsin and Iowa Territories, 1838, loaned by the Wisconsin Historical Society.
 Tracing exact as to Iowa Territory, but only as to natural features elsewhere

ANNALS OF IOWA.

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3D SERIES

THE WHITE BREAST BOUNDARY LINE.

BY C. C. STILES.

Superintendent Public Archives.

Of the thousands of interesting and important documents in the Hall of Public Archives of Iowa, many bear on the relations of the government with the Indians during the Territorial period of Iowa. There are the correspondence of the Federal, the Territorial and State officers; the petitions of the people of the Territory for protection, for arms and for the removal of the Indians, and for other purposes; the muster and pay rolls of the "Frontier Guards," who were in the Spirit Lake Expedition. There is the speech of Governor Lucas delivered to the Indians when he took charge of the Territory. There is a communication from the War Department to Governor Lucas which names the tribes over which he should have control, the agents who should report to him and the report of George W. Harrison, the surveyor who located and marked "The Indian Boundary Line" treated of in this article.

It might be well to review the relations between the Federal Government and the tribes of Sac and Fox Indians prior to the Treaty of October 11, 1842, under the provisions of which the line in question was established, the last rights of the Sac and Fox Indians to the possession of lands within the present limits of the State of Iowa extinguished, and their removal from our boundaries specified.

The principal treaties are: One at Fort Harmer, Ohio, January 9, 1789, by Arthur St. Clair on the part of the United States with the Wyandotte, Delaware, Ottawa, Chipewewa, Pottawattamie and Sac nations, when the last two were

first received into friendship and protection of the United States.

Another at St. Louis November 3, 1804, by William Henry Harrison with the united Sac and Fox tribes, when they were received as such into friendship and protection. They also ceded their lands in northern Illinois and southern Wisconsin, retaining the mere right to hunt thereon so long as the lands remained the property of the United States, taking the guarantee of the government against invasion of such right and against the invasion of the other lands of which they retained title.

At Portage de Sioux, Missouri, September 13, 1815, William Clark, Ninian Edwards and Auguste Chouteau concluded a treaty with a branch of the Sac nation at the time and later denominated as the Sacs of the Missouri. The Indians avowed friendship with the United States during the late war (of 1812) and the necessity for their withdrawal, on that account, from the Sacs of the Mississippi. There were acknowledgments of the restoration of friendly relations and a reaffirmance of the terms of the Treaty of 1804.

At St. Louis May 13, 1816, the same commissioners concluded a treaty with such of the Sacs as were not embraced in the one last mentioned. Peace with Great Britain was stated and expressly ratified, friendly relations acknowledged and the Treaty of 1804 reaffirmed.

At Washington August 4, 1824, William Clark concluded the treaty with the Sac and Foxes, by which they ceded all their lands in the State of Missouri, reserving for the half-breeds of their nations "the small tract of land lying between the rivers Desmoin and the Mississippi and the section of the above (Missouri) line."

At Prairie du Chien August 19, 1825, a treaty was concluded by William Clark and Lewis Cass with the Sac and Foxes, Sioux and others, determining tribal as well as government boundaries. A line was established on the south side of which the Sac and Foxes, and on the north the Sioux, respectively, agreed to remain. This line

* * * commencing at the mouth of the Upper Ioway river on the west bank of the Mississippi and ascending the said Ioway river to its left fork thence up that fork to its source, thence crossing the fork of the Red Cedar in a direct line to the second or upper fork of the Desmoines river thence in a direct line to the lower fork of the Calumet river and down that river to its junction with the Missouri.

A treaty was concluded at Prairie du Chien July 15, 1830, by William Clark and Willoughby Morgan, with most of the tribes who participated in the treaty of 1825. In this the Sac and Foxes surrendered a strip twenty miles wide on the south and the Sioux a similar strip on the north of the boundary line fixed in the Treaty of 1825, beginning at the Mississippi and running to the Des Moines. All the tribes relinquished their claims to the ground bounded on the north by the line of 1825, on the west by the Missouri river, on the east by the (then) Missouri state line and

* * * thence to the high lands between the waters falling into the Missouri and the Desmoines, passing to said high lands along the dividing ridge between the forks of the Grand river, thence along said high lands or ridge separating the waters of the Missouri from those of the Desmoine, to a point opposite the source of the Boyer River and thence in a direct line to the upper fork of the Desmoine.

At Fort Armstrong, now Rock Island, Illinois, September 21, 1832, Winfield Scott and John Reynolds concluded the treaty with the Sac and Foxes, by which, in settlement for acts usually alluded to as the "Black Hawk War," the Indians ceded the "Black Hawk Purchase,"

* * * beginning on the Mississippi river runs thence up said boundary line (i. e. Southwestwardly on the south side of the Neutral Strip) to a point fifty miles from the Mississippi, measured on said line; thence in a right line to the nearest point on the Red Cedar, forty miles from the Mississippi river, thence in a right line to a point in the northern boundary line of the state of Missouri, fifty miles, measured on said boundary, from the Mississippi river, thence to said river.

and up the same by the western shore to the place of beginning, with the reservation of four hundred sections of land along the Iowa river commencing where it enters the Black Hawk Purchase and embracing Keokuk's village. Near Dubuque on September 28, 1836, Henry Dodge concluded the

treaty with the Sac and Foxes, by which they ceded this "Reserve."

A treaty was concluded at Washington October 21, 1837, by Carey A. Harris with the Sacs and Foxes and their cession obtained of 1,250,000 acres adjoining the Black Hawk Purchase on the west and known as "The Second Purchase." The points of termination of the line on the west of the cession are the northern and southern points of the west line of the Black Hawk Purchase and a line drawn between these points so as to intersect a line extending westwardly from the angle in the west boundary of the Black Hawk Purchase, estimated twenty-five miles.

The White Breast boundary line hereafter set out was authorized in the Treaty of October 11, 1842, at Agency City, Wapello county, Iowa, and concluded by John Chambers, Territorial Governor of Iowa, with the confederated tribes of Sac and Fox Indians. It was the last chapter of the government's relation with them in the present limits of the State of Iowa. The treaty was ratified by the United States Senate March 23, 1843, and was usually referred to as the "New Purchase."

* * * the confederated tribes of Sacs and Foxes cede to the United States, forever, all the lands west of the Mississippi river to which they have any title or claim or in which they have any interest whatever; reserving the right to occupy for the term of three years, from the time of signing this treaty, all that part of the land hereby ceded which lies west of a line running due north and south from the painted or red rocks on the White Breast fork of the Des Moines River, which rocks will be found about eight miles, when reduced to a straight line, from the junction of the White Breast and Des Moines.

For this cession the United States agreed to pay annually an interest of five per centum upon the sum of eight hundred thousand dollars and to pay creditors of the Indians the sum of two hundred and fifty-eight thousand, five hundred and sixty-six dollars and thirty-four cents, also to assign to them a tract of land on the Missouri river for their permanent home, also to furnish them with provisions for their subsistence while removing and for one year.

There was provision for a monument at the grave of their chief, Wapello, at their agency and near the grave of their late friend and agent, General Joseph M. Street; for a grant to his widow of six hundred and forty acres of land which embraced their graves, the agency house and enclosures around. The treaty was signed October 11, 1842, as follows:

John Chambers.

SACS.

FOXES.

Ke o kuk	His X Mark	Pow a shiek	His X Mark
Ke o kuk, Jr. . . .	“	Wa ko sha she . .	“
W ca cha	“	An aue wit	“
Che kaw que	“	Ka ka ke	“
Ka pon e ka	“	Ma wha why	“
Pa me kow art. . .	“	Ma che na ka me	
Ap pe noose	“	quat	“
Wa pe	“	Ka ka ke mo	“
Wa sa men	“	Kish ka naqua	
Wis ko pe	“	hok	“
As ke po ka won. .	“	Pe a tau quis. . . .	“
I o nah.	“	Ma me ni sit.	“
Wish e co ma que .	“	Mai con ne	“
Pash e pa ho. . . .	“	Pe she she mone. . .	“
Ka pe ko ma.	“	Pe shaw koa.	“
Tuk quos	“	Puck aw koa.	“
Wis co sa.	“	Qua co ho se.	“
Ka kon we na. . . .	“	Wa pa sha kon. . . .	“
Na cote e wa na. . .	“	Kis ke kosh.	“
Sho wa ke.	“	Ale mo ne qua. . . .	“
Mean ai to wa. . . .	“	Cha ko kaw a.	“
Muk e ne.	“	Wah ke mo wa ta	
		pa	“
		Muk qua gese.	“
		Ko ko etch.	“
		Pow a shick.	“
		Pe a tau a quis. . . .	“

Signed in presence of:

John Beach, U. S. Indian Agent and Secretary.

Antoine LeClaire, U. S. Interpreter.

Josiah Swart, U. S. Interpreter.

J. Allen, Captain 1st U. S. Dragoons.

C. F. Ruff, Lieut. 1st U. S. Dragoons.

Arthur Bridgman.

Alfred Hebard.

Jacob O. Phitser.

Portions of the tribes were removed to Kansas in the fall of 1845 and others in 1846.

The third paragraph of article two is:

"That the President of the United States will as soon as convenient after the ratification of this treaty appoint a commissioner for the purpose and cause a line to be run north from the painted or red rock on the White Breast, to the southern boundary of the Neutral Ground and south from the said rocks to the northern boundary of Missouri. And will have the said line so marked and designated, that the Indians and white people may know the boundary which is to separate their possessions."

The Indians agreed to remove to the west side of this line on or before the 1st of May, 1843, and to the new lands on the Missouri as soon as the assignment was made. T. Hartley Crawford, Supt. of Indian Affairs, appointed Geo. W. Harrison surveyor to establish the line. His report, field notes and plat, sent to the Secretary of the Territory of Iowa are published herewith.

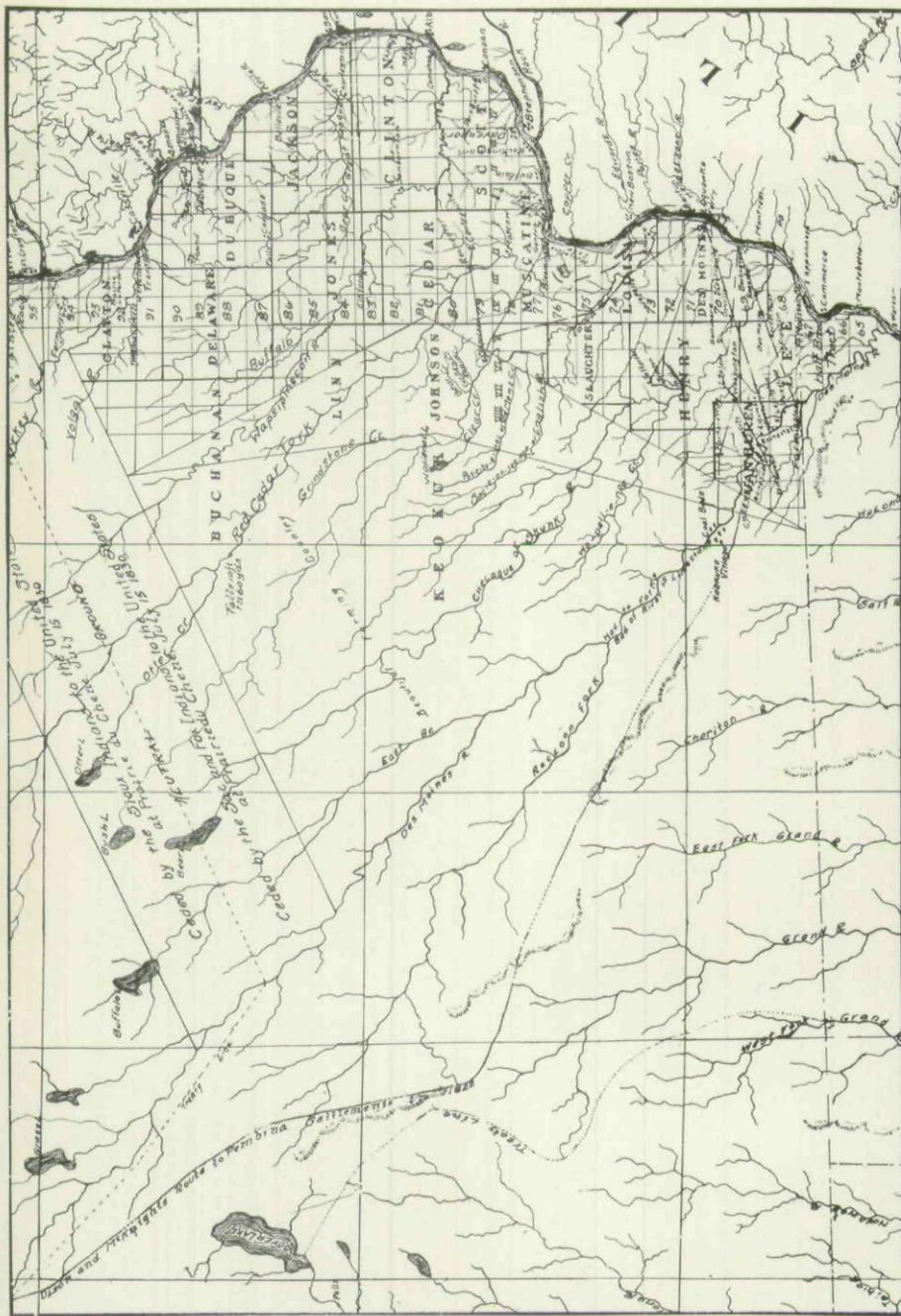
Galena, August 6, 1843.

HIS EXCELLENCY, JOHN CHAMBERS, *Governor*,

Sir: In obedience to the instructions of T. Hartley Crawford Esq., Superintendent of Indian Affairs I have the honor of transmitting you a copy of the Field Notes and a plat of the survey of the "Boundary line designated in the third clause of the 2d Article of the treaty of the 11th October, 1842, with the confederated tribes of Sacs and Fox Indians."

Respectfully, your obedient servant,

GEO. W. HARRISON.



The Judson Map of Wisconsin and Iowa Territories, 1838, showing the principal part of the region afterward admitted as the State of Iowa.
 Loaned by the Wisconsin Historical Society

INDIAN BOUNDARY LINE—MAY 29, 1842.

In obedience to the instructions of T. Hartley Crawford Esq., Superintendent of Indian affairs under date of March 17th, 1843, I proceed with the necessary number of assistants to the survey and marking the boundary line designated in the 3d clause of the 2d article of the Treaty of 11th October, 1842, with the confederated tribes of Sacs and Fox Indians and in which the said line is directed "to be run north from the Painted or Red Rocks on the White Breast to the southern boundary of the neutral ground and south from the said Rocks to the northern boundary of Missouri."

The relation in point of distance of the "Red Rocks" to the northern boundary of Missouri and the southern boundary of the Neutral Ground being unknown and for the purpose of obtaining some data upon which to predicate an estimate of the distance at which I might expect to find these lines north and south of the starting point, I have deemed it absolutely necessary to form some connection between the position of the "Red Rocks" and some point of the United States Surveys heretofore made under the instruction of the Surveyor General of Iowa and Wisconsin—and I accordingly commenced at a post and mound on the east side of Range 13 W. Township 80 North recently set as a sectional corner and ran thence westwardly some 44 miles and southwardly some 20 miles to a point on the Des Moines river designated by the Indians and recognized by some whites settled below and adjacent thereto as the "Red Rocks" referred to in the Treaty. By reference to the Treaty it will be perceived that the starting point of the line is designated as "the Painted or Red Rocks on the *White Breast Fork* of the Des Moines river which rocks will be found about eight miles when reduced to a straight line from the junction of the White Breast with the Des Moines." The undivided testimony of the Indians is that there is no such point on the White Breast and that the place designated by them on the Des Moines river is the point intended by the makers of the treaty as the starting point of the line, which Red Rocks are about 8 or 10 miles in a direct line above the junction of the White Breast. That there are

no other "Red Rocks" between the points designated and the junction of the "White Breast" with the Des Moines river, and that the use of the term "White Breast" was intended to designate these rocks from some "Red Rocks" some four or five miles above on the Des Moines river. Concurring with the Indians in their view of the matter and a subsequent examination of a portion of the valley of the White Breast confirming it, I determined to make the "Red Rocks" on the Des Moines river pointed out by them as the starting point of the line, believing that such could only be the intention of the makers of the Treaty, and having duly administered an oath to my assistants in the field, touching the faithful discharge of their various duties in running, measuring and marking the line, I commence the survey of the "Indian Boundary line" as follows.

[Signed]

GEORGE W. HARRISON.

SOUTH OF THE RED ROCKS.

At a point on the left bank of the Des Moines River some 8 or 10 miles above the junction of the "White Breast Fork" and where the "Bluff" approaches the river and the base is washed by the current which sweeps in a curve around it for some 300 yards and then resumes its general southeastwardly course—the summit of which bluff is some 75 or 80 feet above the level of the river and whose base is an unstratified sandstone rock—a portion of which is strongly impregnated with some substance giving to it a rich vermilion colour and known to the Indians as the "Painted or Red Rocks of the White Breast on the Des Moines River". Near the summit of this bluff and within some fifty feet of the brink of the cliff I established the starting point of the "Boundary Line" designated in the third clause of the second article of the treaty of the 11th, October, 1842, with the confederated tribes of the Sac and Fox Indians by erecting a piece of timber 12 inches square and 14 feet long—around the base of this timber I raised a mound of earth and sod 10 feet square at the base and 8 feet high—on this timber I place a crosspiece—the arms of which point north and south. On the eastern front of the cross piece I engraved the words "United States" and on the opposite side the words "Indian Boundary" and take for references two trees whose angles and distances are as follows: A black oak 18 inches in diameter S 20° W 27 links and marked "Indian Boundary." A white oak 24 inches in diameter

S 61° E 157 links and marked "United States" and with my chain adjusted to true standard measure and having ascertained by solar observation the variation of the needle at this point to be 10° 10' E and with the Nonius of my compass adjusted thereto I run thence south Var. 10° 10' E.

		SOUTH OF THE RED ROCKS	
Miles south	Chains		
	5.60	To the foot of the Bluff.	
	6.40	Left or Northern Bank of the Des Moines River. Course S. E. about 5 feet deep and rapid current.	
	14.58	Right bank of Des Moines River and enter a body of fine timber.	
	31.30	And Black Walnut 20 inches in diameter.	
	53.13	A Black Walnut 24 inches in diameter.	
	73.30	A ledge of Sandstone Rock about 40 feet high and bearing N. W. & S. E.	
1	00.00	Set a post and took for references White Oak 18 S. 44° W. 41 links) Marked White Oak 20 N. 46° E. 47 links) I. B. I. M.	
		This mile is rich alluvial River bottom, no indications of being subject to inundations and covered with a heavy growth of Walnut, Ash and Hickory timber.	
	15.00	Enter light and scattering timber.	
	24.27	A Black Oak 18 inches diameter.	
	28.00	A Brook 2 links wide Course East.	
	35.00	Leave timber and enter prairie.	
	40.00	A small mound 2 feet base and 2 feet high.	
	45.00	5 ch. W. of Line a pond say 2 acres.	
	50.00, 60.00 and 70.00	Small mounds.	
2	00.00	Set a post and marked same I. B. 2 M and around it raised a mound of earth and sod 4 feet base and 3 feet high. The first half of this mile is mostly open Red and White Oak timber—the remainder of miles is of rich rolling prairie— soil good—vegetation strong.	
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.	
	58.00	Small grove of timber.	
	61.00	A Brook 15 links wide, course East.	
	62.50	Leave grove and enter prairie.	
	69.50	A Brook 2 links wide, course N. E.	
	70.00	Small mound.	
		<i>Made solar obsvs. and found var. 10° 45' E.</i>	

INDIAN BOUNDARY LINE

Miles south	Chains	
3	00.00	Set a post and marked same I. B. 3 M and around it raised a mound of earth and sod. Land rolling prairie—soil good—surface very broken—ravines and ridges bearing S. E. towards the valley of the White Breast river.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
4	00.00	Set a post marked same I. B. 4 M. and around it raised a mound of earth and sod. Land rolling and Rich Prairie soil good surface broken with ravines and ridges.
	10.00	Small mound.
	18.00	Spring run 3 links wide, course S. E.
	20.00	Small mound.
	25.00	Spring run 2 links wide, course E.
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
5	00.00	Set a post and marked it I. B. 5 M. and around same raise da mound of earth and sod. Land rolling and rich prairie—soil good—surface broken—vegetation very strong. The prairie through which I have been running presents an endless appearance on the Western Horizon. Easterly it appears to terminate at the junction of the timber of the Des Moines and White Breast—distant some 5 or 6 miles.
	10.00	A small mound and enter the valley of the White Breast river.
	20.00 and 30.00	Small mounds.
	36.50	Northern Bank of White Breast river S. E.
	37.00	Southern bank of White Breast river and leave prairies and enter timber—the current of the river is sluggish at its mean heighth its waters muddy, and adjacent to the line holds its course over a bed of soft blue Clay.
	44.93	Buckeye 12 inches diameter.
	51.50	White Breast river 80 links wide, runs N. W.
	62.50	Same stream 75 links wide, runs S. E.
	64.50	Enters open and scattering timber.
6	00.00	Set a post and took for reference Burr Oak 12 N. 40° W. 237 links) Marked Burr Oak 14 N. 87° E. 53 links(I. B. 6 M. Land north of White Breast—rich lever prairie. South thereof level—soil good with fine timber; Burr Oak, Hickory, Ash, etc.

THE WHITE BREAST BOUNDARY LINE

11

		SOUTH OF THE RED ROCKS	
Miles south	Chains		
	20.00	A Branch 2 links wide, runs N. W.	
	23.70	A White Oak 18 inches diameter.	
		<i>Var. 10° 46 E.</i>	
7	00.00	Set a post and took for references	
		White Oak 15 N. 61° W. 50 links } Marked	
		White Oak 12 S. 24° E. 34 links } I. B. 7 M.	
		This mile runs through young and thrifty White Oak and Red Oak timber—the soil is thin and the surface gently rolling.	
	36.60	A Black Oak 16 inches diameter.	
	50.00	Enter small and scattering timber.	
	60.00	Raised a small mound.	
	69.80	A Branch 3 links wide, course N. W.	
	70.00	A small mound.	
		<i>Var. 10° 30 E.</i>	
8	00.00	Set a post and took for references	
		Burr Oak 12 N. 43° W. 73 links } Marked	
		Burr Oak 12 S. 23° E. 37 links } I. B. 8 M.	
		Land rolling—soil thin and light and the timber small and scattering, Burr Oak and White Oak.	
	10.00, 20.00 and 30.00	Small mounds.	
	50.33	A Red Oak 14 inches diameter.	
9	00.00	Set a post and took for references	
		Red Oak 18 N. 6° E. 326 links } Marked	
		Burr Oak 12 N. 51° W. 161 links } I. B. 9 M.	
		Land, surface rolling soil generally light and thin—timber small and scattering Burr Oak, Red Oak and White Oak.	
	10.00, 20.00, 30.00 and 40.00	Small mounds.	
	40.50	A Branch 2 links wide, runs S. W.	
	50.00, 60.00 and 70.00	Small mounds.	
10	00.00	Set a post and marked the same I. B. 10 M. and around it raised a mound of earth and sod. This mile runs through open small and scattering timber mostly Red and White Oak—soil thin—surface gently rolling. The timber on the above line being insufficient whereon to mark the line, it became necessary to raise mound as above.	
	25.00	A Brook 2 links wide runs S. W. and enters a grove of fine timber.	
	35.90	A Creek 50 links wide runs East—supposed head of English River.	
	57.74	A Red Oak 14 inches diameter.	

INDIAN BOUNDARY LINE

Miles south	Chains	
11	00.00	Set a post and took for references Black Oak 12 N. 36° E. 12 links } Marked White Oak 14 S. 46° W. 69 links } I. B. 11 M. This mile runs through a fine grove of timber mostly Red and White Oak—soil thin—surface gently rolling—some 20 chains below where the line crosses the Creek noted at 35.90 and on the right bank thereof, and where the ridge approaches the Creek, a stratum of Coal presents itself—quality supposed to be very good.
	3.50	A Brook 3 links wide, runs East.
	14.09	A White Oak—12 inches diameter.
	47.50	A Red Oak 14 inches diameter.
	70.00	A small mound.
12	00.00	Set a post and took for references Elm 18 N. 3° E. 125 links } Marked White Oak 12 N. 87° W. 70 links } I. B. 12 M. This mile is mostly through a body of fine timber—Red, White and Burr Oak. The soil is good and the surface gently rolling. Vegetation very rich.
	10.00	Leave timber and enter prairie.
	20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
13	00.00	Set a post and marked same I. B. 13 M. and around it raised a mound of earth and sod. This mile is on the Northern edge of a large prairie, bearing N. E. and S. W. The surface of this mile gently rolling—soil very good, vegetation very strong.
	10.00 and 20.00	Small mounds.
	21.00	A spring run 3 links wide, course East.
	30.00 and 40.00	Small mounds.
	43.00	A spring run 2 links wide, course S. E.
	50.00, 60.00 and 70.00	Small mounds.
		<i>Var. 10° 25 E.</i>
14	00.00	Set a post and marked same I. B. 14 M. and around it raised a mound of earth and sod. This is fine rich rolling prairie—soil good and vegetation strong.
	00.04	A spring Branch 3 links wide, course East.
	10.00 and 20.00	Small mounds.
	28.00	A spring run 2 links wide, course South.
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.

SOUTH OF THE RED ROCKS

Miles south	Chains	
15	00.00	Set a post and marked same I. B. 15 M. and around it raised a mound of earth and sod. Land rolling prairie—soil good—vegetation strong—ravines and ridges bearing East.
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.
	50.20	A Brook 3 links wide runs N. E.
	60.00	A small Mound.
	60.50	A Brook 4 links wide runs East.
	70.00	A small mound.
		<i>Var. 10° 25 E.</i>
16	00.00	Set a post and marked same I. B. 16 M. and around same raised a mound of earth and sod. Land rolling prairie—soil good.
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.
	52.50	Spring Branch 2 links wide, runs S. E.
	60.00 and 70.00	Small mounds.
	76.00	Leave prairie and enter timber.
	79.00	Brook 8 links wide, runs S. E.
		<i>Var. 10° 26 E.</i>
17	00.00	Set a post and took for references Elm 15 N. 17° W. 50 links } Earked Elm 18 S. 49° E. 39 links } I. B. 17 M.
		Land mostly high rolling prairie—soil good.
	40.00	A small mound—timber very small.
	55.00	Leave timber and enter the western edge of a small prairie.
	74.00	Re-enter timber—open.
18	00.00	Set a post and took for reference Red Oak 12 N. 83° W. 66 links } Marked No other tree convenient } I. B. 18 M.
		Land gently rolling—soil rather wet. Timber of indifferent character—mostly Red and White Oak.
	10.00 and 20.00	Small mounds.
	26.50	A Brook 4 links wide, runs East.
	50.20	Creek 20 links wide, runs S. E.
19	00.00	Set a post and took for references Red Oak 12 S. 20° E. 160 links } Marked Elm 16 N. 89° W. 72 links } I. B. 19 M.
		Land rolling—soil thin and somewhat wet. Timber small and indifferent Red and White Oak.
	13.32	Red Oak 16 inches diameter.
	25.00	A Brook 6 links wide, runs N. E.

INDIAN BOUNDARY LINE

Miles south	Chains	
	42.54	Elm 14 inches diameter. Enter small prairie.
	50.00, 60.00 and 70.00	Small mounds.
		<i>Var. 10° 30 E.</i>
20	00.00	Set a post near southern edge of prairie and took for references
		White Oak 20 S. 23° E. 225 links) Marked
		White Oak 16 S. 47° W. 235 links{ I. B. 20 M.
		Land rolling. The 1st 42 ch. is indifferent. White and Red Oak timber—remainder of mile fine prairie—soil good.
	3.00	A Brook 3 links, course East—leave prairie and enter timber.
	5.50	A Creek 20 links wide, runs N. E.
	16.20	A White Oak 18 inches diameter.
	18.00	A Brook 2 links wide, course N. E.
	29.50	A Brook 3 links wide, course N. E.
	40.00	Timber small and very scattering.
	70.00	A grove of Burr and Red Oak.
21	00.00	Set a post and took for references
		Red Oak 20 N. 57° E. 26 links } Marked
		Red Oak 20 S. 22° W. 40 links } I. B. 21 M.
		Land rolling—soil light and thin—timber small Red and White Oak—undergrowth heavy—White and Red Oak scrubs.
	6.00	Leave grove and enter scattering timber.
	74.00	A Brook 3 links wide, runs S. E.
22	00.00	Set a post and took for references
		Burr Oak 6 S. 79° E. 64 links } Marked
		No other tree convenient. } I. B. 22 M.
		Land rolling—soil thin and second rate timber, small and scattering Red, White and Burr Oak.
	2.00	Leave timber and enter wet prairie.
	10.00, 20.00 and 30.00	Small mounds.
	34.00	Leave wet prairie and enter heavy timber.
	45.00	Creek 20 links wide, runs S. E.
	58.19	White Oak 22 inches diameter.
		<i>Var. 10° 20 E.</i>
23	00.00	Set a post and took for references
		Black Oak 20 N. 11° E. 106 links } Marked
		Burr Oak 16 N. 15° W. 132 links } I. B. 23 M.
		Land—1st 34 chains level and wet prairie; Creek bottom remainder of mile—soil good—timber heavy Ash, Hickory, Oak, etc.

		SOUTH OF THE RED ROCKS	
Miles south	Chains		
	8.50	Brook 3 links wide, course East.	
	25.00	Leave heavy timber of the Creek and enter open Oak timber.	
	27.00	Spring branch 2 links wide, runs N. E.	
	38.00	Heavy timber.	
	49.50	Brook 8 links wide, runs N. E.	
	52.00	Scattering timber.	
24	00.00	Set a post and took for references	
		White Oak 16 S. 10° W. 61 links	} Marked I. B. 24 M.
		White Oak 14 S. 2° E. 127 links	
		Land rolling—soil thin—timber mostly Red and White Oak.	
	62.00	A Spring Branch 2 links wide, runs N. E.	
	71.00	A Spring Branch 2 links wide, runs N. E.	
	74.22	White Oak 18 inches diameter.	
25	00.00	Set a post and took for references	
		White Oak 20 N. 20° W. 29 links	} Marked I. B. 25 M.
		White Oak 16 N. 62° E. 32 links	
		Land rolling and broken—soil thin and second rate—timber White, Red and Burr Oak.	
	17.50	A Spring Branch 4 links wide, runs N. E.	
	35.00	Leave timber and enter prairie.	
	50.00, 60.00 and 70.00	Small mounds.	
		<i>Var. 10° E.</i>	
26	00.00	Set a post and marked same I. B. 26 M. and around it raised a mound of earth and sod. Land rolling—the 1st 35 chains of this mile is scattering timber—remainder of mile gently rolling prairie—soil good.	
	10.00 and 20.00	Small mounds.	
	25.00	A Brook 2 links wide, runs S. E.	
	30.00, 40.00, 50.00 and 60.00	Small mounds.	
	62.00	Branch 2 links wide, runs S. E.	
	70.00	Small mound.	
27	00.00	Set a post and marked same I. B. 27 M. and around it raised a mound of earth and sod. Land high rolling prairie—soil good—vegetation strong.	
	10.00, 20.00 and 30.00	Small mounds.	
	32.00	Branch 2 links wide, runs S. E.	
	40.00 and 50.00	Small mounds.	
	59.00	A Branch 2 links wide, runs S. E.	
	60.00 and 70.00	Small mounds.	

INDIAN BOUNDARY LINE

Miles south	Chains	
28	00.00	Set a post near the Northern edge of small grove and took for references Elm 14 S. 5° W. 30 links } Marked I. B. 28 M.
		Land high rolling prairie—ravines and ridges bearing S. E.—soil good—vegetation strong.
	00.75	Branch 5 links wide, runs N. E.
	1.00	Scattering timber and thicket.
	5.00	Branch 5 links wide, runs N. E.
	41.00	Branch 3 links wide, runs N. E.
	50.00	Leave grove and enter prairie.
	58.00	Branch 5 links wide, runs N. E.
	60.00 and 70.00	Small mounds
		<i>Var. 10° 10' E.</i>
29	00.00	Set a post and marked same I. B. 29 M. and around it raised a mound of earth and sod. Land high rolling rich prairie—soil good—vegetation strong. The above mile runs on the high ground between the Des Moines and Missouri rivers.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
	79.00	Branch 6 links wide, runs S. E.
30	00.00	Set a post and marked same I. B. 30 M. and around it raised a mound of earth and sod. Land high rolling rich prairie.
	10.00, 20.00, 30.00 and 40.00	Small mounds.
	43.50	Branch 8 links wide, runs S. E.
	45.00	Enter a grove of timber.
	60.50	A Western arm of prairie.
	76.00	Re-enter grove.
	77.30	Branch 8 links wide, runs East.
31	00.00	Set a post and took for references Elm 12 N. 7° E. 40 links } Marked Elm 14 N. 68° W. 60 links } I. B. 31 M.
		Land mostly rolling prairie—soil good—timber in the grove good Red, Burr and White Oak.
	10.00	Leave grove and enter prairie.
	20.00 and 30.00	Small mounds.
	37.50	Branch 4 links, runs N. E.
	40.00, 50.00, 60.00 and 70.00	Small mounds.
	70.10	Branch 4 links, runs East.
		<i>Var. 10° 16' E.</i>
32	00.00	Set a post and marked same I. B. 32 M. and around it raised a mound of earth and sod. Land high rolling prairie—soil good.

		SOUTH OF THE RED ROCKS	
Miles south	Chains		
	2.50	Bee-hunters trace from mouth of the Des Moines river.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
33	00.00	Set a post and marked same I. B. 33 M. and around it raised a mound of earth and sod. Land high rolling prairie—soil good.	
	10.00, 20.00 and 30.00	Small mounds.	
	37.00	Small grove of timber.	
	37.50	A Brook 4 links, runs East.	
	40.00	Leave grove of timber.	
	50.00	Small mound in W. arm of prairie.	
	57.50	Scattering timber.	
	60.00	Branch 4 links, runs S. E.	
34	00.00	Set a post and took for references	
		Hickory 18 N. 24° E. 52 links	} Marked I. B. 34 M.
		Hickory 14 S. 50° W. 42 links	
		Land rolling—soil good. Timber in grove White, Red and Burr Oak.	
	56.00	A Brook 5 links, runs East.	
	61.02	Red Oak 14 inches diameter.	
35	00.00	Set post and took for references	
		Hickory 12 S. 9° W. 89 links	} Marked I. B. 35. M.
		Hickory 14 N. 3° E. 75 links	
		Land level—soil good. Timber Red, White and Burr Oak.	
	20.00	Brook 4 links, runs East.	
	24.00	A Creek 24 links, course S. E.	
	27.25	Same Creek, runs S. W.	
	29.00	Same Creek, runs East.	
	39.00	A Stream 40 links wide, runs S. E. Supposed to be the Northern fork of the Charaton river.	
	52.84	White Oak 16 inches diameter.	
		<i>Var. 10° E.</i>	
36	00.00	Set a post and took for references	
		White Thorn 10 N. 20° W. 39 links	} Marked I. B. 36 M.
		White Oak 16 S. 38° E. 17 links	
		Land rolling—soil rather thin. Timber excellent Red, White and Burr Oak.	
	18.75	A Brook 2 links wide, runs N. E.	
	37.50	White Oak 14 inches diameter.	
	39.00	Scattering timber.	
		<i>Var. 10° E.</i>	

INDIAN BOUNDARY LINE

Miles south	Chains		
37	00.00	Set a post and took for reference White Oak 16 N. 20° W. 34 links Land rolling—soil thin. Timber Burr Oak.	} Marked I. B. 37 M.
	18.00	Brook 3 links, runs S. E.	
	53.00	Leave timber and enter prairie.	
	60.00 and 70.00	Small mounds.	
38	00.00	Set a post and marked same I. B. 38 M. and around it raised a mound of earth and sod. Land rolling—soil thin. Timber mostly scattering Red, White and Burr Oak.	
	10.00 and 20.00	Small mounds.	
	21.00	Brook 4 links wide, runs S. E.	
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
39	00.00	Set a post and marked same I. B. 39 M. and around it raised a mound of earth and sod. Land rolling prairie—soil good—vegetation very strong.	
	10.00, 20.00, 30.00, 40.00, 50.00 and 60.00	Small mounds.	
	69.25	Brook 4 links wide, runs S. W.	
	70.00	Small mound.	
40	00.00	Set a post and marked same I. B. 40 M. and around it raised a mound of earth and sod. Land high rolling prairie—soil good.	
	5.00	Brook 3 links wide, runs S. W.	
	10.00 and 20.00	Small mounds.	
	25.00	Leave Prairie and enter timber.	
	26.00	Branch 2 links runs N. W.	
	33.50	A Creek 15 links, runs S. E.	
	36.00	Same Creek, runs S. W.	
	37.43	Walnut 16 inches diameter.	
	41.50	Same Creek 15 links, runs East.	
	45.00	Same Creek, runs West.	
	53.62	Elm 14 inches diameter.	
	55.00	Same Creek, runs S. E.	
	62.00	Same Creek, runs S. W.	
	75.00	Same Creek, runs N. E.	
	76.75	Same Creek runs S. W. <i>Var. 9° 50' E.</i>	
41	00.00	Set a post and took for references Walnut 16 S. 32° E. 50 links White Oak 14 N. 18° W. 21 links Land level and rich Creek bottom—soil good. Timber Red and White Oak.	} Marked I. B. 41. M.

SOUTH OF THE RED ROCKS

Miles south	Chains	
	1.50	Branch 15 links wide, runs East
	10.00	Branch 15 links wide, runs West.
	34.00	Branch 15 links wide, runs S. E.
	42.00	Scattering timber.
	52.00	Branch 5 links wide, runs S. E.
	57.20	Red Oak 14 inches diameter.
42	00.00	Set a post and took for references
		White Oak 14 N. 40° W. 33 links } Marked
		White Oak 12 N. 82° E. 23 links } I. B. 42 M.
		The first 42 chains of this mile runs through a body of fine timber, consisting of Red Oak, Ash, Elm and Walnut. The remainder of the mile is scattering timber principally Red and Burr Oak.
	8.65	Black Oak 14 inches diameter.
	35.00	Branch of 4 links, runs S. E.
	40.00	Leave scattering timber and enter prairie.
	50.00, 60.00 and 70.00	Small mounds.
43	00.00	Set a post and marked same I. B. 43 M. and around it raised a mound of earth and sod. Land rolling—soil of good quality. Timber scattering Red Oak.
	10.00 and 20.00	Small mounds.
	30.00	Trees and thickets.
	40.00	Small mound.
	50.00	Scattering timber.
	60.00 and 70.00	Small mounds.
	73.00	Creek 60 links wide, runs S. E. Leave prairie and enter timber.
44	00.00	Set a post and took for references.
		Hickory 18 N. 53° W. 62 links } Marked
		Elm 18 S. 68° E. 45 links } I. B. 44 M.
		Land rolling—soil good quality. Timber of very fine quality, White and Red Oak, Elm and Hickory.
	9.25	Creek 50 links wide, runs N. W.
	22.00	Creek 50 links wide, runs S. E.
	29.18	White Oak 16 inches diameter.
	60.00	Scattering timber and thicket.
	70.00	Small mound. <i>Var. 9° 5' E.</i>
45	00.00	Set a post and marked same I. B. 45 M. and around it raised a mound of earth and sod. The first 60 chains is a body of fine timber, principally White and Red Oak; the remainder scattering Burr Oak.

INDIAN BOUNDARY LINE

Miles south	Chains	
	10.00	A small mound.
	35.00	Leave scattering timber and enter prairie.
	43.00	Branch 2 links, runs N. W.
	50.00, 60.00 and 70.00	Small mounds.
		<i>Var. 9° 45' E.</i>
46	00.00	Set a post and marked same I. B. 46 M. and around it raised a mound of earth and sod. Land rolling—soil rich. Timber scattering Burr Oak.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
47	00.00	Set a post and marked same I. B. 47 M. and around it raised a mound of earth and sod. Land rolling rich prairie.
	10.00 and 20.00	Small mounds.
	30.00	Leave prairie and enter timber.
	38.00	Branch 4 links, runs S. E.
	39.50	Red Oak 12 inches diameter.
	40.50	Creek 10 links, runs S. E.
	41.50	Creek 10 links, runs S. W.
	42.50	Creek 10 links, runs N. E.
	45.00	Leave timber and enter prairie.
	60.00 and 70.00	Small mounds.
		<i>Var. 10° E.</i>
48	00.00	Set a post and marked same I. B. 48 M. and around it raised a mound of earth and sod. Land rolling—soil good quality—vegetation very strong. Timber principally White and Red Oak.
	10.00	A small mound.
	12.83	At this point the line intersects the boundary line claimed by the State of Missouri, distance 7 chains, 9 links west of 59th mile post on said boundary. Erected mound at point of intersection and in it placed post marked I. B.
	20.00	A small mound.
	27.00	Branch 4 links wide, runs N. E.
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
49	00.00	Set a post and marked same I. B. 49 M. and around it raised a mound of earth and sod. Land rich rolling prairie.
	10.00 and 20.00	Small mounds.
	21.20	Branch 6 links, runs S. E.
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.

SOUTH OF THE RED ROCKS

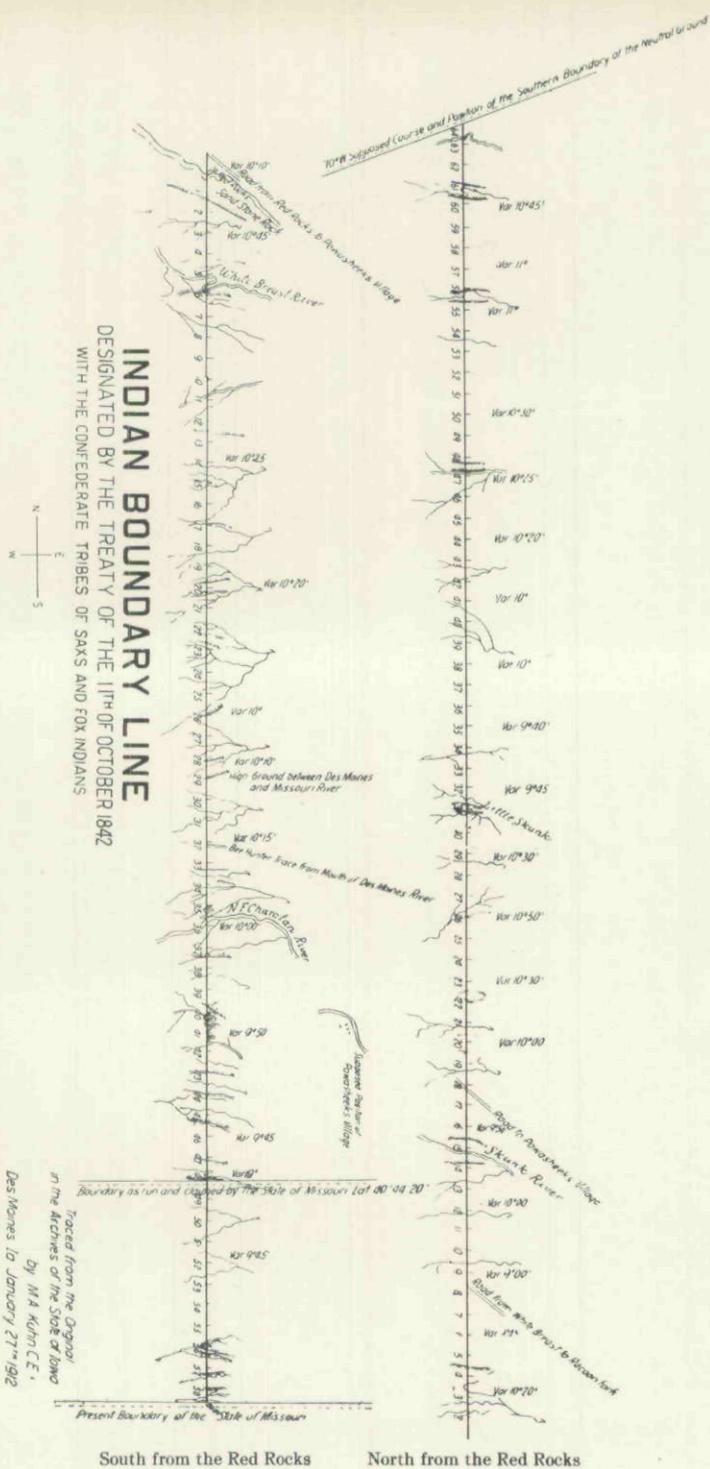
Miles south	Chains	
50	00.00	Set a post and marked same I. B. 50 M. and around it raised a mound of earth and sod. Land rolling—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
	71.00	Branch 5 links, runs N. E.
51	00.00	Set a post and marked same I. B. 51 M. and around it raised a mound of earth and sod. Land rolling prairie—soil thin.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
	74.75	Branch 5 links, runs S. E.
		<i>Var. 9° 45' E.</i>
52	00.00	Set a post and marked same I. B. 52 M. and around it raised a mound of earth and sod. Land rolling prairie—soil rather thin.
	10.00, 20.00 and 30.00	Small mounds.
	37.00	Branch 4 links, runs N. E.
	40.00, 50.00, 60.00 and 70.00	Small mounds.
53	00.00	Set a post and marked same I. B. 53 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
54	00.00	Set a post and marked same I. B. 54 M. and around it raised a mound of earth and sod. Land rolling prairie—soil good—vegetation tolerably strong.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
55	00.00	Set a post and marked same I. B. 55 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
	75.50	Branch 2 links. Runs S. W.
56	00.00	Set a post and took for references
	Cottonwood 18 N. 44°, W. 256 links. } Marked	
	Elm 16 S. 51°, W. 284 links } I. B. 56 M.	
		Land rolling prairie—soil of good quality.
		At this mile post scattering timber commences.
	4.44	Black oak 10 inches in diameter.
	5.00	Leave scattering timber and enter prairie.
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.
	55.00	Scattering timber and thicket.
	59.00	Branch 4 links wide, runs west.

INDIAN BOUNDARY LINE

Miles south	Chains		
57	00.00	Set a post and took for references	
		Hickory 14 N. 60°, W. 95 links	} Marked I. B. 57 M.
		Hickory 14 N. 31°, E. 85 links	
		Land rolling prairie—soil of good quality.	
		Timber scattering Red and Burr Oak and Hickory.	
	7.00	Leave scattering timber and enter arm of prairie.	
	20.00, 30.00, 40.00 and 50.00	Small mounds.	
	51.25	Branch 3 links. Runs S. W.	
	52.00	Leave prairie and enter timber.	
58	00.00	Set a post and took for references	
		White Oak S. 46°, W. 32 links	} Marked I. B. 58 M.
		Red Oak S. 24°, E. 75 links	
		Land rolling—soil of good quality.	
		Timber of good quality.	
		Red and White Oak and Hickory.	
	13.50	Branch 3 links. Runs S. W.	
	24.87	Black Oak 14 inches diameter.	
	29.00	Branch 3 links. Runs S. W.	
	29.89	Intersects the old Northern Boundary of Missouri—	
		Set a post and took for references	
		Red Oak 12 N. 40° W. 38 links	} Marked M. Ch. Lks. I. B. 58 29 89
		Red Oak 10 N. 66° E. 61 links	
		Land rolling—soil of good quality.	
		Timber Red White and Burr Oak.	

NORTH OF THE RED ROCKS

	16.45	Iron-wood 8 inches diameter.	
	45.00	Brook 5 links. Runs West.	
		10° 10' E.	
1	00.00	Set a post and took for references	
		White Oak 20 N. 87° E. 52 links	} Marked I. B. 1 M.
		Hickory 16 N. 27° W. 34 links	
		Land rolling—soil good quality—timber White, Black and Burr Oak, Hickory, etc.	
	35.00	A road from the Red Rocks to Powesheeks village on the Skunk River.	
	61.11	Burr Oak 14 inches diameter.	
2	00.00	Set a post and took for reference	
		Black Oak 18 S. 10° W. 45 links	} Marked I. B. 2 M.
		Black Oak 16 N. 22° E. 12 links	
		Var. 10° 20' E.	
		Land rolling—soil of good quality.	
		Timber Red, White and Burr Oak.	



INDIAN BOUNDARY LINE
 DESIGNATED BY THE TREATY OF THE 11TH OF OCTOBER 1842
 WITH THE CONFEDERATE TRIBES OF SAXS AND FOX INDIANS

Traced from the Original
 in the Archives of the State of Iowa
 by MA Kuhn, C.E.
 Des Moines, Ia January 27th 1912

South from the Red Rocks

North from the Red Rocks

		NORTH OF THE RED ROCKS	
Miles south	Chains		
	5.00	Leave heavy timber and enter scattering timber.	
	26.25	Brook 2 links, runs East.	
	46.50	Brook 2 links, runs East.	
3	00.00	Set a post and took for references	
		White Oak 18 S. 55° E. 55 links	} Marked I. B. 3 M.
		White Oak 8 N. 8° W. 203 links	
		Land rolling—soil thin and second rate.	
		Timber, Red, White and Burr Oak, scattering.	
		<i>Var. 10° 30' E.</i>	
	17.75	A Brook 10 links. Course S. E.	
	21.77	Elm 8 inches diameter.	
	57.80	Branch 5 links S. W.	
4	00.00	Set a post and took for references	} Marked I. B. 4 M.
		Red Oak 16 N. 65° E 437 links	
		<i>Var. 10° 20' E.</i>	
		Land rolling—soil thin and second rate.	
		Timber scattering Red, White and Burr Oak.	
	7.74	Red Oak 14 inches diameter.	
	62.38	Hickory 14 inches diameter.	
5	00.00	Set a post and took for references	
		White Oak 18 S. 23° E. 200 links	} Marked I. B. 5 M.
		White Oak 20 N. 36° W. 204 links	
		<i>Var. 9° 45' E.</i>	
		Land rolling—soil thin and second rate.	
		Timber scattering Red, White and Burr Oak.	
	15.00	Leave the timber and enter prairie.	
	20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
6	00.00	Set a post and marked same I. B. 6 M., and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality—vegetation moderate.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
7	00.00	Set a post and marked same I. B. 7 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
8	00.00	Set a post and marked same I. B. 8 M. and around it raised a mound of earth and sod.	
		<i>Var. 9° 50' E.</i>	
		Land rolling prairie—soil good quality.	
	10.00	Small mound.	
	11.00	A road leading from the mouth of the "White Breast" to the "Raccoon Fork."	

		INDIAN BOUNDARY LINE	
Miles south	Chains		
	20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
9	00.00	Set a post and marked same I. B. 9 M. and around it raised a mound of earth and sod.	
		<i>Var. 9° 50' E.</i>	
		Land rolling prairie—soil of good quality.	
	10.00	Small mound.	
	17.50	Brook 5 links, runs East.	
	20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
10	00.00	Set a post and marked same I. B. 10 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
11	00.00	Set a post marked same I. B. 11 M. and around it raised a mound of earth and sod.	
		<i>Var. 10° E.</i>	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
12	00.00	Set a post and marked same I. B. 12 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	8.75	Branch 10 links wide, runs East.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
13	00.00	Set a post and marked same I. B. 13 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00 and 30.00	Small mounds.	
	39.50	Branch 5 links wide, runs East.	
	40.00, 50.00, 60.00 and 70.00	Small mounds.	
14	00.00	Set a post and marked same I. B. 14 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00 and 40.00	Small mounds.	
	40.90	South bank of Skunk River; width 115 links, Course S. E. and enter timber.	
	43.50	Elm 20 inches diameter.	
	75.00	Leave timber and enter prairie.	
15	00.00	Set a post and took for reference } I. B. 15 M. Elm 20 S. 45° W. 3.06 links } Marked	
		<i>Var. 9° 50' E.</i>	
		Rich bottom land—timber, Hickory, Ash and White Oak.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	

		NORTH OF THE RED ROCKS	
Miles south	Chains		
16	00.00	Set a post and marked same I. B. 16 M. and around it raised a mound of earth and sod.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
17	00.00	Set a post and marked same I. B. 17 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00 and 30.00	Small mounds.	
	39.00	Trail to Powesheek Indian Village; 8 miles N. W. from this point.	
	40.00, 50.00, 60.00 and 70.00	Small mounds.	
18	00.00	Set a post and marked same I. B. 18 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00 and 20.00	Small mounds.	
	20.06	Branch 4 links wide, runs East.	
	30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
19	00.00	Set a post and marked same I. B. 19 M. and around it raised a mound of earth and sod	
		<i>Var. 10° E.</i>	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00 and 60.00	Small mounds.	
	65.00	Leave prairie and enter timber.	
20	00.00	Set post and took for references	
		Burr Oak 16 S. 21° E. 65 links } Marked	
		Burr Oak 20 S. 55° W. 58 links } I. B. 20 M.	
		Land rolling; soil of good quality; timber White and Burr Oak, Hickory and Elm.	
	19.42	Burr Oak 24 inches diameter.	
	36.00	Leave timber and enter prairie.	
	45.20	Branch 4 links wide, runs S. E.	
	50.00, 60.00 and 70.00	Small mounds.	
21	00.00	Set a post and marked same I. B. 21 M. and around it raised a mound of earth and sod. Land rolling—soil of good quality. Timber very good White and Burr Oak, Hickory and Elm.	
	10.00 and 20.00	Small mounds.	
	22.00	Leave prairie and enter grove.	
	50.00	Leave grove and enter scattering timber.	
		<i>Var. 10° 30' E.</i>	

INDIAN BOUNDARY LINE

Miles south	Chains		
22	00.00	Set a post and took for references	
		Black Oak 14 S. 83° E. 336 links	} Marked I. B. 22 M.
		Burr Oak 12 N. 41° E. 310 links	
		Land rolling—soil of good quality.	Timber poor
		White, Black and Burr Oak, Elm and Hickory.	
	20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
23	00.00	Set a post and took for references	
		Burr Oak 8 S. 25° E. 246 links	} Marked I. B. 23 M.
		Hickory 6 N. 13° W. 109 links	
		Land rolling—soil of good quality.	Timber scatter-
		ing Oak and Hickory. The timber on this mile be-	
		ing too small whereon to mark the line I deemed	
		it proper to raise mounds.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
24	00.00	Set post and took for references	
		Black Oak 16 N. 13° E. 236 links	} Marked I. B. 24 M.
		Black Oak 18 N. 16° W. 283 links	
		Land rolling—soil good.	Timber scattering Hickory
		and Burr Oak; timber too small to mark line,	
		therefore raised mounds.	
	8.77	Red Oak 14 inches diameter.	
	60.00 and 70.00	Small mounds.	
25	00.00	Set post and took for references	} Marked I. B. 25 M.
		Burr Oak 7 N. 84½° E. 312 links	
		<i>Var. 10° 50' E.</i>	
		Land rolling—soil good quality.	
		Timber scattering White & Burr Oak.	
	57.50	Leave scattering timber and enter prairie.	
	59.50	Branch 6 links wide runs S. W.	
	60.00 and 70.00	Small mounds.	
26	00.00	Set a post and marked same I. B. 26 M. and around	
		it raised a mound of earth and sod.	
		Land rolling—soil of good quality.	
		Timber scattering Burr and White Oak.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
27	00.00	Set a post and marked same I. B. 27 M. and around	
		it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
28	00.00	Set a post and marked same I. B. 28 M. and around	
		it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	

		NORTH OF THE RED ROCKS	
Miles south	Chains		
	10.00, 20.00, 30.00 and 40.00	Small mounds.	
	43.50	Branch 2 links wide runs East.	
	50.00, 60.00 and 70.00	Small mounds.	
29	00.00	Set a post and marked same I. B. 29 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
		<i>Var. 10° 30' E.</i>	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
30	00.00	Set a post and marked the same I. B. 30 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
31	00.00	Set a post and marked same I. B. 31 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
	5.00	Enter scattering timber.	
	20.00	Leave scattering timber and enter prairie.	
	30.00 and 40.00	Small mounds.	
	42.00	Branch 2 links, runs S. E. Supposed head of L. Skunk.	
	50.00, 60.00 and 70.00	Small mounds.	
32	00.00	Set a post and marked same I. B. 32 M. and around it raised a mound of earth and sod. Land rolling—soil of good quality. Timber scattering Burr and Red Oak.	
		<i>Var 9° 45' E.</i>	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
33	00.00	Set a post and marked same I. B. 33 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
34	00.00	Set a post and marked same I. B. 34 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
	73.00	Branch 4 links runs West.	
35	00.00	Set a post and marked same I. B. 35 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.	
		<i>Var. 9° 40' E.</i>	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	

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Miles south	Chains	
36	00.00	Set a post and marked same I. B. 36 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
37	00.00	Set a post and marked same I. B. 37 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
38	00.00	Set a post and marked same I. B. 38 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
		<i>Var. 10° E.</i>
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
39	00.00	Set a post and marked the same I. B. 39 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00	Small mound.
	10.50	Branch 4 links runs S. E.
	20.00, 30.00, 40.00 and 50.00	Small mounds.
	59.50	Branch 2 links runs S. E.
	60.00 and 70.00	Small mounds.
40	00.00	Set a post and marked same I. B. 40 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00 and 40.00	Small mounds.
	48.00	Branch 2 links runs S. E.
	50.00, 60.00 and 70.00	Small mounds.
41	00.00	Set a post and marked same I. B. 41 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
42	00.00	Set a post and marked same I. B. 42 M. and around it raised a mound of earth and sod.
	7.50	Branch 6 links runs N. E.
	10.00, 20.00, 30.00, 40.00, 50.00 and 60.00	Small mounds
	64.75	Branch 4 links runs N. E.
	70.00	Small mound.
43	00.00	Set a post and marked same I. B. 43 M. and around it raised a mound of earth and sod. Land rolling prairie—soil good.
		<i>Var. 10° 20' E.</i>
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.

		NORTH OF THE RED ROCKS	
Miles south	Chains		
44	00.00	Set a post and marked same I. B. 44 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. 10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00 Small mounds.	
45	00.00	Set a post and marked same I. B. 45 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. 10.00 and 20.00 Small mounds. 21.00 Enter marsh. 30.00 Small mound. 35.00 Leave marsh. 40.00, 50.00, 60.00 and 70.00 Small mounds.	
46	00.00	Set a post and marked same I. B. 46 M. and around it raised a mound of earth and sod. Land rolling prairie with the exception of 14 chains through a wet marsh—soil of good quality. 10.00 Small mound. 10.50 Branch 2 links runs N. E. 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00 Small mounds.	
47	00.00	Set a post and marked same I. B. 47 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. <i>Var. 10° 25' E.</i> 10.00, 20.00, 30.00 and 40.00 Small mounds. 44.25 Creek 35 links runs east. 44.60 Leave prairie and enter grove. 64.00 Leave timber and enter prairie. 70.00 Small mound.	
48	00.00	Set a post and marked same I. B. 48 M. and around it placed a mound of earth and sod. Land rolling—soil of good quality. Timber, White and Red Oak and Hickory. 10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00 Small mounds.	
49	00.00	Set a post and marked same I. B. 49 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. <i>Var. 10° 30' E.</i> 10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00 Small mounds.	
50	00.00	Set a post and marked same I. B. 50 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. 10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00 Small mounds.	

INDIAN BOUNDARY LINE

Miles south	Chains	
51	00.00	Set a post and marked same I. B. 51 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
52.	00.00	Set a post and marked same I. B. 52 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. <i>Var. 11° E.</i>
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
53	00.00	Set a post and marked same I. B. 53 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.
	51.50	Branch 2 links runs East.
	60.00 and 70.00	Small mounds.
54	00.00	Set a post and marked same I. B. 54 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. Ridges covered with short Buffalo grass.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
55	00.00	Set a post and marked same I. B. 55 M. and around it raised a mound of earth and sod. Land rolling prairie—bottom rich soil Ridges covered with short Buffalo grass.
	10.00, 20.00, 30.00, 40.00 and 50.00	Small mounds.
	53.00	Leave prairie and enter timber.
	55.00	Creek 50 links runs East.
	57.00	Leave timber and enter prairie.
	60.00 and 70.00	Small mounds.
56	00.00	Set a post and marked same I. B. 56 M and around it raised a mound of earth and sod. Land rolling—soil of good quality. Timber Ash, Hickory and White Oak.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
57	00.00	Set a post and marked same I. B. 57 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality. Ridges covered with short Buffalo grass.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
58	00.00	Set a post and marked same I. B. 58 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.

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Miles south	Chains		
	79.90	Branch 3 links runs N. E.	
59	00.00	Set a post and marked same I. B. 59 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
		<i>Var. 10° 45' E.</i>	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
60	00.00	Set a post and marked same I. B. 60 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality—vegetation not very strong.	
	10.00, 20.00, 30.00 and 40.00	Small mounds.	
	48.00	Leave prairie and enter timber.	
	50.50	Creek 20 links runs East.	
	52.50	Creek 20 links runs N. W.	
	55.50	Creek 20 links runs S. E.	
	57.00	Leave timber and enter prairie.	
	60.00 and 70.00	Small mounds.	
61	00.00	Set a post and marked same I. B. 61 M. and around it raised a mound of earth and sod.	
		Land rolling—soil of good quality.	
		Timber, Red and White Oak and Hickory.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
62	00.00	Set a post and marked same I. B. 62 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality.	
		Tops of ridges covered with gravel.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
63	00.00	Set a post and marked same I. B. 63 M. and around it raised a mound of earth and sod. Land rolling prairie—soil of good quality—vegetation very strong in the bottom—on the ridges short grass surface of ground covered with gravel.	
	5.50	Creek 40 links runs East.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	
64	00.00	Set a post and marked same I. B. 64 M. and around it raised a mound of earth and sod.	
		Land rolling prairie—soil of good quality—vegetation moderate.	
		Ridges covered with short Buffalo grass.	
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.	

INDIAN BOUNDARY LINE		
Miles south	Chains	
65	00.00	Set a post and marked same I. B. 65 M. and around it raised a mound of earth and sod. Land rolling prairie—soil good—vegetation very strong.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
66	00.00	Set a post and marked same I. B. 66 M. and around it raised a mound of earth and sod. Land rolling and rather broken prairie—vegetation very strong.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
67	00.00	Set a post and marked same I. B. 67 M. and around it raised a mound of earth and sod. Land rolling and broken prairie—soil good and vegetation very strong.
	10.00, 20.00, 30.00, 40.00, 50.00, 60.00 and 70.00	Small mounds.
68	00.00	Set a post and marked same I. B. 68 M. and around it raised a mound of earth and sod. Land rolling and broken prairie—soil good—vegetation very strong.

At the 64th mile of the boundary line I expected to have found the southern boundary of the neutral ground and this expectation was founded mainly on the relative position of that line to the surveys of the United States as laid down on Judson's Map of Wisconsin and Iowa. The general bearing of which I supposed from the aid of the protractor was S. 70° W. 1', I was compelled to resort to this uncertain source of information from the fact that I had no field notes or diagrams to govern me in looking for the closing point of the boundary line and was unable to procure any from any source whatever. Wm. Finley (the surveyor) made a visit to the Surveyor General's office at Dubuque for the purpose of procuring such information as was deemed necessary but was informed that they had nothing there in relation to that line which would be of use to us, and having run the line as far as the 64th mile, spent two days searching for it without being able to find it, and believing that it would be better to overrun than not to reach the "Neutral Ground" I accordingly extended the line as far as the 68th mile at the same time believing that at or near the 64th mile the line crosses the southern boundary of the "Neutral Ground." This belief is confirmed by information derived from a party of the Sacs and Fox Indians, whom I subsequently met on our second days' march home. The party consisted of about 100 persons, none of them however knew precisely where the line passed, but having de-

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scribed the topography of the country to them they informed me that my conjectures were correct and that at or near the 64th mile was the position of the "Neutral Ground" as they had always understood it to be. The southern boundary of the neutral ground is marked only at every mile in the prairie (where my line terminated) with a mound made some 10 or 12 years ago. The rankness of the vegetation and the necessarily dilapidated character of the monuments would render it almost impossible to find without some notes to which to refer, for the topography of the country through which it passes. The Iowa River passes some 3 miles east of the 64th mile on the line and is skirted with small groves of timber—these groves we searched for a distance of some 10 or 12 miles unsuccessfully.

August 6, 1843.

(Signed)

GEO. W. HARRISON,
Commissioner.

I hereby certify the foregoing field notes to be the true and correct notes of the survey of the boundary line designated in the treaty of the 11th of October 1842 with the confederated tribes of Sacs and Fox Indians.

(Signed)

GEO. W. HARRISON,
Commissioner.

I hereby certify the foregoing field notes to be a correct copy of the field notes specified in the above certificate.

(Signed)

GEO. W. HARRISON,
Commissioner.

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